



# RACE SERIES

## PERFORMANCE ENGINE BEARINGS



**NO RISK  
NO COMPROMISE  
TOTAL PERFORMANCE**





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## PERFORMANCE ENGINE BEARINGS

### If you place demands on your engine you must demand the best!

High performance driving demands that you use the best parts. So rely on ACL's Race Series performance engine bearings to perform to exacting race standards you expect. They provide the dependability it takes to hold up under higher RPM conditions. The unique combination of design, metallurgy and engineering come together to deliver what drivers expect from high performance trimetal bearings. These Race Series performance engine bearings go the distance.

So, if you're looking for the best result, demand the best - demand ACL Race Series performance engine bearings.

### FEATURES OF ACL RACE SERIES PERFORMANCE ENGINE BEARINGS

#### Precision Manufacturing

ACL Race Series performance engine bearings are manufactured to exacting tolerances with particular attention paid to wall thickness accuracy. This ensures reliable fit and helps maintain consistent clearances.

#### Bearing Material Enhancements

A blend of characteristics to provide high strength and excellent seizure resistance.

No flash plating is applied to further improve bearing retention and maximise heat transfer.

ACL Race Series performance engine bearings are identified from the standard range by the following suffixes:

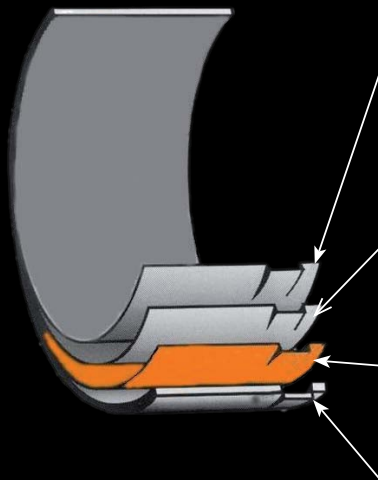
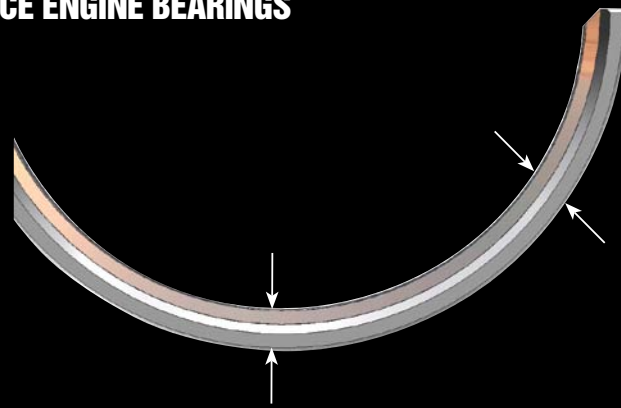
**H** = ACL Race Series.

**HX** = ACL Race Series with 0.025mm (0.001") extra clearance.

**HD** = ACL Race Series with location dowel holes.\*

**HXD** = ACL Race Series with 0.025mm (0.001") extra clearance and location dowel holes.\*

\*Connecting rod bearing applications only.



LAYER	ALLOY
<b>Overlay</b>	Lead-Tin-Copper
<b>THICKNESS (Typical)</b>	0.013mm* 0.018mm
*Connecting Rod Bearings Only - Reduced for increased fatigue resistance	
Seizure resistant - Low friction and deformable	
<b>Barrier</b>	Nickel
<b>THICKNESS (Typical)</b>	0.0001mm
Separation Layer	
<b>Lining</b>	Copper-Lead-Tin
<b>THICKNESS (Typical)</b>	0.3mm
Fatigue Strength - Strong yet deformable	
<b>Steel</b>	SAE1010 (High tensile)
<b>THICKNESS (Typical)</b>	Rem
High Strength - supports bearing lining	

## Bearing Design Enhancements

### Crush increased for:

Improved bearing retention from higher radial contact pressure. Locks the bearing into the housing.

More effective heat dissipation through improved thermal transfer.

### Bearing Eccentricity

Definition: Gradual reduction in wall thickness between the crown and parting line.

Race Series performance engine bearings feature increased eccentricity to increase improve shape adaptation to compensate for bore distortion at high speed operation.

Assists in the formation of hydrodynamic oil film.

### Main Bearings with Extended Grooves

Full (180°) grooved uppers with matching partial groove in lowers.

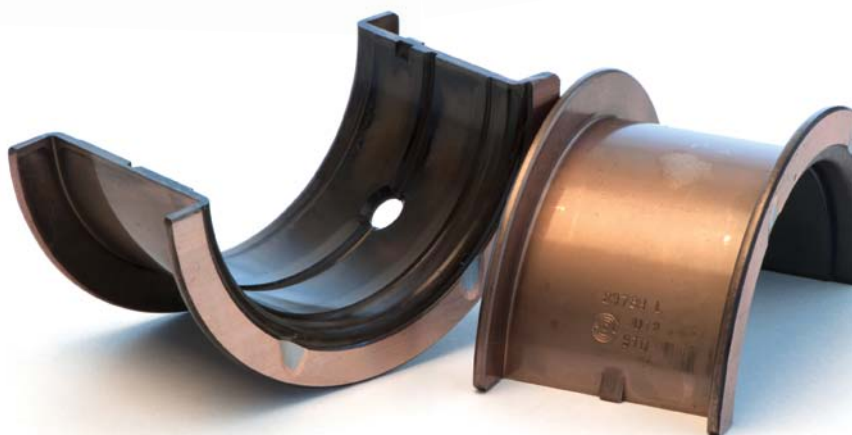
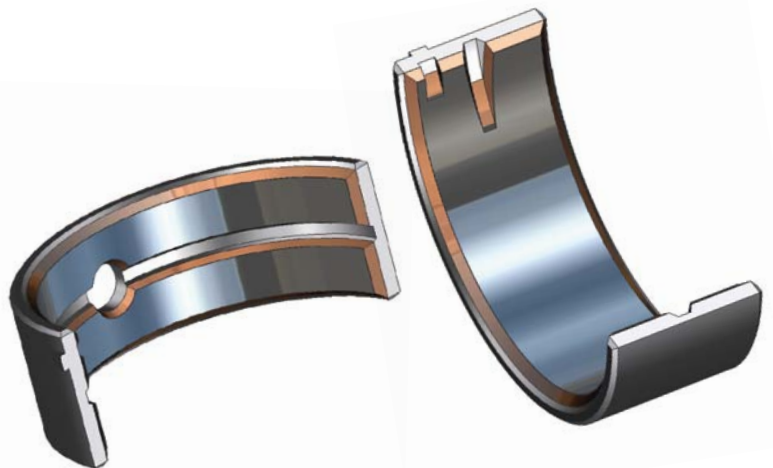
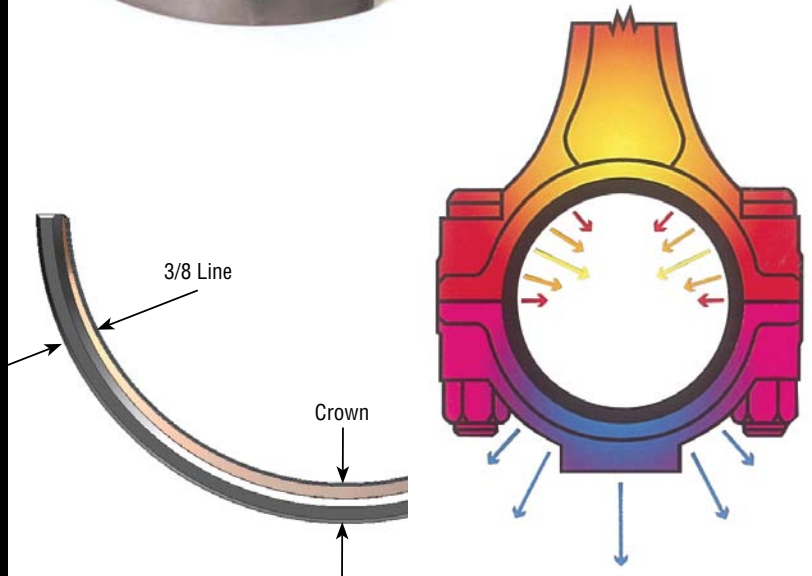
- Reduces interruption to big end oil supply.

Tapered groove run-out.

- Smooths big end supply cut-off avoiding pressure pulsing and cavitation.

### Enlarged ID Chamfers

Accommodate larger fillet radii on performance crankshafts.





Application	Rod Bearing Set	Sizes	Main Bearing Set	Sizes	Cam Bearing Set / Thrustwasher Set / Piston Pin Bush	Size
Alfa Romeo 1570cc, 1779cc, 1962cc, 1995cc Alfetta, Giulia, Giulietta, Spider, GT, 155,164	4B1110H	Std, .25	5M1112H	Std, .25		
Alfa Romeo 1290cc 1300			5M1112H	Std, .25		
Alfa Romeo JTS V6 3195cc 159, Brera, Spider	6B2270H 6B2270HX	Std, .025, .25 Std	4M2273H 4M2273HX	Std, .025, .25 Std		
Audi 1595cc, 1781cc (incl. Turbo), 1984cc A3, A4, A6, TT, 80, 90, 100 (1983-2001)	4B1606H 4B1606HX	Std, .025, .25, .50 Std	5M1644H 5M1644HX	Std, .25, .50 Std	2T1644	Std
Audi 1781cc Turbo, 1984cc DOHC (incl Turbo) A3, A4, A6, TT (2000 on)	4B1609H 4B1609HX	Std, .025, .25 Std				
BMW M40B16, M40B18, M42B18, M43B16, M43B18, M43B19, M44B19 (1.6,1.8,1.9L) 316, 318, Z3	4B1490H 4B1490HX	Std, .025, .25, .50 Std	5M1538H 5M1538HX	Std, .025, .25, .50 Std		
BMW M20B20, M20B25, M20B27, M50B20, M50B25, M50B27, M52B20, M52B25, M52B28, M54B25 (2.0,2.5,2.7,2.8L)	6B1490H 6B1490HX	Std, .025, .25, .50 Std	7M1532H (03/1988 on) 7M1532HX (03/1988 on)	Std, .025, .25, .50 Std		
BMW M54B22, M54B30 (2.2,3.0L)	6B1490H 6B1490HX	Std, .025, .25, .50 Std				
BMW S14/7 (2.0L)	4B1489H 4B1489HX	Std, .025, .25 Std				
BMW S50B30 (3.0L) M3 E36	6B1515H 6B1515HX	Std, .025, .25 Std				
BMW S50B32 (3.2L) M3 E36	6B1497H 6B1497HX	Std, .025, .25 Std				
Custom Performance (1.889" journal, 0.792" wide)	8B1663H 8B1663HX	Std,001,010 Std				
Custom Performance (1.889" journal, 0.896" wide w/ dowel)	8B1665HD 8B1665HXD	Std,001 Std				
Chev 262, 267, 302, 305, 307, 327, 350 ci V8	8B663H 8B663HX	Std,001,009,010,011,020 Std	5M909H 5M909HX	Std,001,009,010,011,020 Std	5C3349C 5C3346C (housing bores constant at 1.999/2.001" (50.775/50.825mm))	Std Std
	8B663HD 8B663HXD	Std,001,010 Std			5C004AS (+0.010" OD, hsg bore 2.029/2.031" (51.537/51.587mm), customer to drill oil holes)	Std Std
Chev 265, 283, 302, 327 ci V8	8B745H 8B745HX	Std,001,010 Std	5M429H 5M429HX	Std,001,010 Std	5C3349C 5C3346C (housing bores constant at 1.999/2.001" (50.775/50.825mm))	Std Std
	8B745HD 8B745HXD	Std,001,010 Std			5C004AS (+0.010" OD, hsg bore 2.029/2.031" (51.537/51.587mm), customer to drill oil holes)	Std Std
Chev 4.8L & 5.3 L (Gen III & IV), 5.7L LS1, LS6 Gen III, 6.0L LS2, Vortec (Gen III & IV), 6.2L LS3, Vortec (Gen IV)	8B663H 8B663HX 8B663HD 8B663HXD	Std,001,009,010,011,020 Std Std,001,010 Std	5M7297H 5M7297HX	Std,001,010,020 Std	5C1000S (1st design 1997-2003) 5C1001S (2nd design 2003-on)	Std Std
Chev 400 ci V8	8B663H 8B663HX	Std,001,009,010,011,020 Std	5M1038H 5M1038HX	Std,001,010 Std	5C3349C 5C3346C (housing bores constant at 1.999/2.001" (50.775/50.825mm))	Std Std
	8B663HD 8B663HXD	Std,001,010 Std			5C004AS (+0.010" OD, hsg bore 2.029/2.031" (51.537/51.587mm), customer to drill oil holes)	Std Std
Chev 366, 396, 402, 427 454 ci V8	8B743H 8B743HX 8B743HD 8B743HXD	Std,001,009,010,011,020 Std Std,001,010 Std	5M829H 5M829HX	Std,001,009,010,011,020 Std	5C615S (1965-66) 5C616S (1967 on)	Std Std
Chrysler 273, 318, 326, 340 ci V8	8B481H 8B481HX	Std,001,010 Std	5M540P**	Std,10,20,30,40	5C875S (was part # 5C4636)	Std
Chrysler 318 ci LA / Magnum V8	8B481H 8B481HX	Std,001,010 Std	5M1344P**	Std,01,10,20,30,40	5C875S (1974-79) 5C1112S (1980 on)	Std Std
Chrysler 345, 370 ci (5.7, 6.1L) Hemi	8B1808H 8B1808HX	Std, .025, .25 Std	5M2220H 5M2220HX	Std, .025, .25 Std	1T611S	Std
Chrysler 360 ci V8	8B481H 8B481HX	Std,001,010 Std	5M1051P** (1971-73) 5M1266P** (1974 on)	Std,10,20,30,40 Std,01,10,20,30	5C875S (1971-79) 5C1112S (1980 on)	Std Std
Chrysler 350, 361, 383, 400, 413, 426, 440 ci V8	8B527HD 8B527HXD	Std,010 Std			5C876S	Std
Chrysler 488 ci (8.0L) V10 Viper	1B481H 1B481HX	Std,001,010 Std				
Ford BDA, BDB, BDC, BDD etc. Cosworth	4B1060H 4B1060HX	Std,001,010,020 Std	5M2152H 5M2152HX	Std,001,010,020 Std	1T2152	Std, +005
Ford Cosworth 2.0L	4B2166H 4B2166HX	Std, .25, .50 Std	5M2167H 5M2167HX	Std, .25, .50 Std	2T2167	Std, +005
Ford 2300 Stroker (Ford USA)	1B2280H 1B2280HX	Std,01,10,20 Std	5M1117H 5M1117HX 5M1743H 5M1743HX	Std,01,10,20 Std Std,01,10,20 Std	4C777S 4C777BS 2C1095S (Aux.)	Std Std Std
Ford 144, 170, 188 ci Inline 6	6B2150H 6B2150HX	Std,001,010,020				

\*\*Duraglide 780 material

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Application	Rod Bearing Set	Sizes	Main Bearing Set	Sizes	Cam Bearing Set / Thrustwasher Set / Piston Pin Bush	Size
Ford 200ci, 250ci Non X Flow 3.2L, 3.3L, 3.9L, 4.0L, 4.1L X Flow Inline 6 (Ford Australia)	6B2150H	Std,001,010,020	7M2158H	Std,001,010,020	4C5826	Std
	6B2150HX	Std	7M2158HX	Std		
Ford 4.0L & 4.0L Turbo Inline 6 (AU, BA, BF, FG) (Ford Australia)	6B2150H	Std,001,010,020	7M2092H	Std,001,010,020		
	6B2150HX	Std	7M2092HX	Std		
Ford 221, 255, 260, 289, 302 ci Windsor V8	8B634H	Std,001,009,010,011,020	5M590H	Std,001,009,010,011,020	5C1321S	Std
	8B634HX	Std	5M590HX	Std	5C1763S {constant hsg bores at 2.2041"/2.2051" - SVO engines}	Std
	8B634HD	Std,001,010				
8B634HDX	Std					
Ford 4.6L VIN 6,W,X Windsor SOHC, 5.4L SOHC V8	8B1442H	Std,.025,.25	5M7296H	Std,.025,.25	6C1100A	Std
	8B1442HX	Std	5M7296HX	Std	RB4113	Semi
Ford 4.6L DOHC, 4.6L SOHC 24V V8	8B1442H	Std,.025,.25	5M5647H	Std,.025,.25	6C1201A (late '96 on)	Std
	8B1442HX	Std	5M5647HX	Std	RB4113	Semi
Ford 5.4L DOHC 24V V8 (Supercharged) Aluminium Block (2011 on)	8B1442H	Std,.025,.25	5M5645H	Std,.025,.25	RB4113	Semi
	8B1442HX	Std	5M5645HX	Std		
Ford 351 Windsor V8	8B831P**	Std,01,10,20,30,40	5M1432H	Std,001,010	5C1321S	Std
			5M1432HX	Std		
Ford 302/351ci Cleveland V8	8B927H	Std,001,010,020	5M1010H	Std,001,010,020	5C710C (was part # 5C5696)	Std
			5M1010HX	Std	5C1763S {constant hsg bores at 2.2041"/2.2051" - SVO engines}	Std
Ford 377ci Cleveland stroker (using Chev conrods)	8B1227H	Std,01,10	5M1010H	Std,001,010,020	5C710C (was part # 5C5696)	Std
	8B1227HX	Std	5M1010HX	Std	5C1763S {constant hsg bores at 2.2041"/2.2051" - SVO engines}	Std
Ford 370, 429, 460 ci V8	8B818H	Std,001,010	5M1039H	Std,001,010	5C1111S	Std, 010
			5M1039HX	Std		
Ford/Lotus 1500cc-1600cc Inline 4 OHV & Twin Cam (Elan/Escort/Cortina)	4B603H	Std,001,010,020	5M2152H	Std,001,010,020	10C5808 (Twin Cam)	Std
	4B603HX	Std	5M2152HX	Std	1T2152	Std, +005
Ford/Mazda 2.0L (LF) Duratec	4B4390H	Std,.025,.25				
	4B4390HX	Std				
Ford/Mazda 2.3L (L3) Duratec	4B8170H	Std,.025,.25				
	4B8170HX	Std				
GM/Holden 1.6/1.8/2.0/2.4L Family II Engines	4B2322H	Std,.025,.25,.50				
	4B2322HX	Std				
Holden 202ci Inline 6 (Red, Blue, Black) 173 ci (2850cc) Inline 6 (Blue)	6B2380H	Std,001,010,020	7M2398H	Std,001,010,020	4C5116	Std,001
	6B2380HX	Std	7M2398HX	Std		005, 010
Holden 138, 149, 161, 173, 179, 186 ci Inline 6	6B2380H	Std,001,010,020	7M2384H	Std,001,010,020	4C5116	Std,001
	6B2380HX	Std	7M2384HX	Std		005, 010
Holden/Buick 231 ci (3.8L V6) (Universal Main Set to suit all)	6B2306H	Std,001,010,020	4SM2222H	Std,001,010,020	4C5106 (1988-5/95)	Std,010
	6B2306HX	Std	4SM2222HX	Std	4C5108 (5/95 on)	Std,010
	6B2306HD	Std,001,010				
6B2306HDX	Std					
Holden Alloytec HFV6 LF1, 10HMA, LLT, LY7 (3.0, 3.2, 3.6L)	6B2270H	Std,.025,.25	4M2273H	Std,.025,.25		
	6B2270HX	Std	4M2273HX	Std		
Holden 253ci, 4.9L, 308ci, 5.7L V8 Red, Blue, Black	8B2356H	Std,001,010,020	5M2357H	Std,001,010,020	5C5146C	Std,002,010
	8B2356HX	Std	5M2357HX	Std		
Holden Gen III & Gen IV V8 LS1 (5.7L), LS2, L76, L98 (6.0L), LS3 (6.2L)	8B663H	Std,001,009,010,011,020	5M7297H	Std,001,010,020	5C1000S (1st design 1997-2003)	Std
	8B663HX	Std	5M7297HX	Std	5C1001S (2nd design 2003-on)	Std
	8B663HD	Std,001,010				
	8B663HDX	Std				
Honda D15B, D15Z 1493cc Inline 4 (engines from 09/1991 on)	4B1956H	Std,.025,.25				
	4B1956HX	Std				
Honda/Acura D16A, D16B, D16W, D16Y, D16Z 1590cc Inline 4	4B1956H	Std,.025,.25	5M1957H	Std,.025,.25	1T1957	Std
	4B1956HX	Std	5M1957HX	Std		
Honda/Acura A18A, ES, ET, A20A 1829cc, 1955cc Inline 4	4B1946H	Std,.025,.25				
	4B1946HX	Std				
Honda/Acura B16A 1595cc Inline 4	4B1946H	Std,.025,.25	5M1959H	Std,.025,.25	1T1957	Std
	4B1946HX	Std	5M1959HX	Std		
Honda/Acura B17A1/B18A1/B18B1/B18B2 1678cc/1834cc Inline 4	4B1946H	Std,.025,.25	5M1959H	Std,.025,.25	1T1957	Std
	4B1946HX	Std	5M1959HX	Std		
Honda B18A/B20A SOHC only 1834cc/1958cc Inline 4	4B1946H	Std,.025,.25	5M1957H	Std,.025,.25	1T1957	Std
	4B1946HX	Std	5M1957HX	Std		
Honda/Acura B18C1 /B18C2/B18C5/B18C7 1797cc Inline 4 VTEC	4B1925H	Std,.025,.25	5M1959H	Std,.025,.25	1T1957	Std
	4B1925HX	Std	5M1959HX	Std		
Honda/Acura B20A/B21A/B21A1 DOHC only 1958cc/2056cc Inline 4	4B1936**	Std,.25,.50,.75,1.0	5M1957H	Std,.025,.25	1T1957	Std
			5M1957HX	Std		
Honda B20B/B20Z 1972cc Inline 4	4B1946H	Std,.025,.25	5M1959H	Std,.025,.25	1T1957	Std
	4B1946HX	Std	5M1959HX	Std		
Honda/Acura D17A / D17Z 1668cc Inline 4	4B1980**	Std,.25,.50,.75	5M1957H	Std,.025,.25	1T1957	Std
			5M1957HX	Std		
Honda/Acura K20A3 1998cc Inline 4	4B1906H	Std,.025,.25,.50	5M1959H	Std,.025,.25	1T1957	Std
	4B1906HX	Std	5M1959HX	Std		
Honda/Acura K20A2 / K20Z1 / K24A / K24Z1 1998cc/2354cc Inline 4	4B1972H	Std,.025,.25	5M1959H	Std,.025,.25	1T1957	Std
	4B1972HX	Std	5M1959HX	Std		
Honda F18B / F20B 1850cc, 1997cc Inline 4	4B1946H	Std,.025,.25				
	4B1946HX	Std				
Honda F20C / F22C 1997cc/2157cc Inline 4	4B1912H	Std,.025,.25	5M1913H	Std,.025,.25		
	4B1912HX	Std	5M1913HX	Std		
Honda H22A / H22Z 2157cc Inline 4	4B1912H	Std,.025,.25	5M1957H (1998 on)	Std,.025,.25	1T1957 (1998 on)	Std
	4B1912HX	Std	5M1957HX (1998 on)	Std		
Honda F23A / F23Z (1998 on) 2254cc Inline 4	4B1906H	Std,.025,.25,.50	5M1957H	Std,.025,.25	1T1957	
	4B1906HX	Std	5M1957HX	Std		

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Hyundai G4KF 2.0T (Theta II, 2010 on) 1998cc Inline 4 Turbo - Genesis, Sonata	4B1293H	Std.,.025,.25	5M1295H	Std.,.025,.25		
	4B1293HX	Std	5M1295HX	Std		
Mazda 2.0L LF MZR (Duratec) Mazda 3, MX-5	4B4390H	Std.,.025,.25				
	4B4390HX	Std				
Mazda 2.3L L3-VDT DISI Turbo (Duratec) Mazda 3 MPS, 6 MPS, CX-7	4B8172H	Std.,.025,.25				
	4B8172HX	Std				
Mazda 2.3L L3 MZR (Duratec) Mazda 3, 6, Tribute	4B8170H	Std.,.025,.25				
	4B8170HX	Std				
Mazda B1 , B3, B5, Z5-DE 1.1L, 1.3L, 1.5L Inline 4	4B8331**	Std.,.25,.50,.75,1.0,1.25,1.5	5M8353H	Std.,.025,.25,.50	1T8353	Std
			5M8353HX	Std		
Mazda B6/B6-T, BP/BP-T, ZL-VE, ZM-DE 1.5L, 1.6L, 1.8L Inline 4	4B8351H	Std.,.025,.25,.50	5M8353H	Std.,.025,.25,.50	1T8353	Std
	4B8351HX	Std	5M8353HX	Std		
Mini (BMW) W10B16 1598cc Inline 4 One/Cooper	4B2903H	Std.,.025,.25				
	4B2903HX	Std				
Mini (BMW) W11B16 Supercharged 1598cc Inline 4 Cooper S	4B2902H	Std.,.025,.25				
	4B2902HX	Std				
Mitsubishi 4G30/31/32/33/35/36/37 1.2L,1.3L,1.4L,1.5L,1.6L,1.7L,1.8L Inline 4	4B1146H	Std.,.025,.25	5M1144H	Std.,.025,.25		
	4B1146HX	Std	5M1144HX	Std		
Mitsubishi 4G61/4G61T/4G62/G62BT 1.6L, 1.8L Inline 4	4B1146H	Std.,.025,.25	5M1144H	Std.,.025,.25		
	4B1146HX	Std	5M1144HX	Std		
Mitsubishi 4G63/4G63T/4G64 (1983-1992)	4B1146H	Std.,.025,.25	5M1144H	Std.,.025,.25		
	4B1146HX	Std	5M1144HX	Std		
Mitsubishi 4G63/4G63T/4G64 (1992-97 with flange main)	4B1185H	Std.,.025,.25	5M1186H	Std.,.025,.25		
	4B1185HX	Std	5M1186HX	Std		
Mitsubishi 4G63/4G63T/4G64 (1997 on with T/W)	4B1185H	Std.,.025,.25	5M1219H	Std.,.025,.25	1T1219	Std
	4B1185HX	Std	5M1219HX	Std		
Mitsubishi 4G91/4G92/4G93/4G93-T 1.5L/1.6L/1.8L Inline 4	4B8036H	Std.,.25	5M8037H	Std.,.25	1T8037	Std
Mitsubishi 4G94 2.0L Inline 4	4B8050H	Std.,.025,.25	5M8037H	Std.,.25	1T8037	Std
	4B8050HX	Std				
Mitsubishi 4B11T (EVO X) Lancer Evolution	4B1236H	Std.,.025,.25	5M1237H	Std.,.025,.25	1T1237	Std
	4B1236HX	Std	5M1237HX	Std		
Mitsubishi 4M41 Turbo Diesel 3.2L Inline 4	4B1800H	Std				Std
Nissan CA16, CA18, CA18DET, CA20, CD17 1.6L/1.7L/1.8L/2.0L Inline 4	4B1630H	Std.,.025,.25,.50	5M1633H	Std.,.025,.25,.50		
	4B1630HX	Std	5M1633HX	Std		
Nissan CD20, CD20-T Diesel/Turbo Diesel 2.0L Inline 4			5M1633H	Std.,.025,.25,.50		
			5M1633HX	Std		
Nissan MR16DDT 1.6L Inline 4 Turbo			5M2905H	Std.,.025,.25		
			5M2905HX	Std		
Nissan RB20E, RB20S (SOHC) 2.0L Inline 6	6B2389**	Std.,.25,.50,.75,1.0	7M2394H	Std.,.025,.25,.50	RB4107	
			7M2394HX	Std		
Nissan RB20DE, RB20DET (DOHC) 2.0L Inline 6	6B2630H	Std.,.025,.25	7M2394H	Std.,.025,.25,.50	RB4074	
	6B2630HX	Std	7M2394HX	Std		
Nissan RB25DE, RB25DETT 2.5L Inline 6	6B2960H	Std.,.025,.25,.50	7M2394H	Std.,.025,.25,.50	RB4074	
	6B2960HX	Std	7M2394HX	Std		
Nissan RB26DETT 2.6L Inline 6	6B2960H	Std.,.025,.25,.50	7M2428H	Std.,.025,.25,.50	RB4074	
	6B2960HX	Std	7M2428HX	Std		
Nissan RB30/RB30ET 3.0L Inline 6	6B2390H	Std.,.025,.25,.50	7M2394H	Std.,.025,.25,.50	RB4074	
	6B2390HX	Std	7M2394HX	Std		
Nissan RD28/RD28E/RD28T 3.0L Inline 6 Diesel / Turbo Diesel	6B2930**	Std.,.25,.50,.75,1.0	7M2394H	Std.,.025,.25,.50		
			7M2394HX	Std		
Nissan SR20DE/DET (non GTiR) 2.0L Inline 4	4B2960H (17mm wide)	Std.,.025,.25,.50	5M2964H	Std.,.025,.25,.50	1T2964	Std
	4B2960HX	Std	5M2964HX	Std		
Nissan SR20DET (GTiR) 2.0L Inline 4	4B2976H (19mm wide)	Std.,.025,.25	5M2975H (5 oil holes in upper)	Std.,.025,.25	1T2964	Std
	4B2976HX	Std	5M2975HX	Std		
Nissan TB42/TB45/TB48 L6 4.2L/4.5L/4.8L Inline 6	6B2955H	Std.,.025,.25				
	6B2955HX	Std				
Nissan VG20E/VG20ET/VG20DET 2.0L V6			4M2737H	Std.,.025,.25		
			4M2737HX	Std		
Nissan VG30E/VG30ET/VG30i/VG33E 3.0L/3.3L V6	6B2390H	Std.,.025,.25,.50	4M2737H	Std.,.025,.25,.50		
	6B2390HX	Std	4M2737HX	Std		
Nissan VG30DE/VG30DETT 3.0L V6	6B2390H	Std.,.025,.25,.50	4M2737H	Std.,.025,.25,.50		
	6B2390HX	Std	4M2737HX	Std		
Nissan VQ20DE/VQ25DE/VQ25DET VQ30DE/VQ30DET 2.0L/2.5L/3.0L V6	6B2640H	Std.,.025,.25	4M2633H	Std.,.025,.25,.50	2T2633	
	6B2640HX	Std	4M2633HX	Std		
Nissan VQ35DE 3.5L V6	6B2640H	Std.,.025,.25	4M2633H	Std.,.025,.25	2T2633	Std
	6B2640HX	Std	4M2633HX	Std	6RB4128 (set of 6)	
Nissan VR38DETT (GT-R R35) 3.8L V6 Twin Turbo	1B2500H	Std-0/1/2 (Graded)	1M2505H	Std-0/1/2/3/4 (Graded)	1T2505	Std
	6B2500H	Std.,.25	4M2505H	Std.,.25		
Nissan VK45, VK50, VK56 4.5L, 5.0L, 5.6L V8	8B2990H	Std.,.025,.25	5M2995H	Std.,.025,.25	2T2995	Std
	8B2990HX	Std	5M2995HX	Std		
Opel 1.6/1.8/2.0/2.4L Family II	4B2322H	Std.,.025,.25,.50				
	4B2322HX	Std				
Opel Z28NEL, Z28NET, Z32SE 2.8L Turbo, 3.2L V6	6B2270H	Std.,.025,.25	4M2273H	Std.,.025,.25		
	6B2270HX	Std	4M2273HX	Std		

Application	Rod Bearing Set	Sizes	Main Bearing Set	Sizes	Cam Bearing Set / Thrustwasher Set / Piston Pin Bush	Size
Peugeot XU9/XU10/XU10J2/XU10J4/XU10M1905cc, 1998cc Inline 4	4B7700H	Std, .25				
Peugeot TU9/XV3/XV5/XV8 954cc Inline 4	4B7712H 4B7712HX	Std, .30, .50 Std			1T7707	Std, +.15
Peugeot TU3.2/TU3J2/TU5JP/TU5JP4 1360cc/1587cc Inline 4	4B7712H 4B7712HX	Std, .30, .50 Std	5M2797H 5M2797HX	Std, .30, .50 Std	1T7707	Std, +.15
Peugeot TU1/TU2.4/TU2J2/XW3/XW7 1124cc/1294cc Inline 4	4B7712H 4B7712HX	Std, .30, .50 Std			1T7709	Std, +.10
Peugeot TU3A/TU3CP/TU3M/TU3S XY6/XY7/XY8 1360cc Inline 4	4B7712H 4B7712HX	Std, .30, .50 Std			1T7709	Std, +.10
Peugeot TU1JP/TU3JP/TU5J2/TU5J4 XU5J/XU5JP 1124/1360/1580/1587cc Inline 4	4B7712H 4B7712HX	Std, .30, .50 Std	5M2797H 5M2797HX	Std, .30, .50 Std	1T7709	Std, +.10
Peugeot TU3JP (2005 on), TUD5 (Diesel) 1360cc/1587cc Inline 4			5M2797H 5M2797HX	Std, .30, .50 Std	1T7709	Std, +.10
Peugeot EW7/EW10/EW12 1749cc, 1997cc, 2230cc Inline 4	4B7736H	Std, .30				
Peugeot XU7JB, XU7JP, XU7JP4 1761cc Inline 4	4B7736H	Std, .30				
Porsche 911/914 (incl. Turbo) 1990cc/2193cc H6	6B2452H 6B2452HX	Std, .025, .25 Std				
Renault 129-5/XZ7R, 150-X5J 1219cc/1360cc Inline 4	4B7712H 4B7712HX	Std, .30, .50 Std				
Renault F1N, F2N, F2R, F3N, F3P, F3R F7P, F7R 1721cc, 1794cc, 1763cc, 1998cc Inline 4	4B7820H 4B7820HX	Std, .25, .50 Std	5M7807H 5M7807HX	Std, .25, .50 Std	1T7807 RB4122	Std, +.10 Semi
Renault F8M, F8Q 1595cc/1870cc Inline 4 Diesel	4B7820H 4B7820HX	Std, .25, .50 Std	5M7807H 5M7807HX	Std, .25, .50 Std	1T7807	Std, +.10
Saab LP9 2.8L Turbo V6 9-3, 9-5	6B2270H 6B2270HX	Std, .025, .25 Std	4M2273H 4M2273HX	Std, .025, .25 Std		
Subaru EJ15/EJ16 1493cc/1597cc H4	4B8296H (suits 52 mm journal size) 4B8296HX 4B8320H (suits 48 mm journal size) 4B8320HX	Std, .025, .25, .50 Std Std, .025, .25, .50 Std	5M8297H (for thrust in #3 position) 5M8297HX	Std, .025, .25, .50 Std		
Subaru EJ18/EJ20/EJ22/EJ25 EJ20T/EJ20TT/EJ22T/EJ25T (Turbo/Twin Turbo) 1820cc/1994cc/2212cc/2457cc H4	4B8296H (suits 52 mm journal size) 4B8296HX 4B8320H (suits 48 mm journal size) 4B8320HX	Std, .025, .25, .50 Std Std, .025, .25, .50 Std	5M8297H (for thrust in #3 position) 5M8297HX 5M8309H (for thrust in #5 position) 5M8309HX	Std, .025, .25, .50 Std Std, .025, .25, .50 Std	RB4125	
Suzuki G13A/G13B/G13BA/G13BB 1298cc/1324cc Inline 4	4B8336H 4B8336HX	Std, .25, .50 Std	5M8337H 5M8337HX	Std, .25, .50 Std	1T8337	Std
Suzuki M16A Liana, Grand Vitara, Swift 1586cc Inline 4	4B8440H 4B8440HX	Std, .025, .25 Std	5M8443H 5M8443HX	Std, .025, .25 Std		
Toyota 2A, 3A, 4A, 5A, 6A, 7A 1298cc, 1397cc, 1452cc, 1587cc, 1762cc Inline 4			5M1695H (1983 on) 5M1695HX	Std, .025, .25, .50 Std	2T1695	Std
Toyota 4AGE, 4AGZE, 4A-GEC, 4A-GELC 1587cc Inline 4	4B1780H 4B1780HX	Std, .025, .25, .50 Std	5M1695H 5M1695HX	Std, .025, .25, .50 Std	2T1695	Std
Toyota/Lexus 2ZZ-GE 1796cc Inline 4	4B1856H 4B1856HX	Std, .025, .25 Std	5M1857H 5M1857HX	Std, .025, .25 Std	1T1853	Std
Toyota 1S, 2S, 3S, 4S, 5S 1832cc, 1838cc, 1995cc, 1998cc, 2164cc Inline 4			5M8361H 5M8361HX	Std, .025, .25, .50 Std	2T1689	Std
Toyota 3SGE, 3SGTE 1998cc Inline 4	4B8366H 4B8366HX	Std, .025, .25, .50 Std	5M8361H 5M8361HX	Std, .025, .25, .50 Std	2T1689	Std
Toyota 1AZ-FE, 2AZ-FE, 2AZ-FXE 1998cc, 2362cc Inline 4	4B8411H 4B8411HX	Std, .025, .25 Std	5M8412H 5M8412HX	Std, .025, .25 Std	1T8412	Std
Toyota/Lexus 1JZGE/1JZGTE 2492cc 2JZGE/2JZGTE 2997cc Inline 6	6B8100H 6B8100HX	Std, .025, .25 Std	7M8103H 7M8103HX	Std, .025, .25 Std	2T8103	Std
Toyota/Lexus 1UZFE 3969cc V8	8B8091H 8B8091HX	Std, .025, .25, .50 Std	5M8088H 5M8088HX 5M8092H (to be superceded) 5M8092HX (to be superceded)	Std, .025, .25, .50 Std Std Std	2T8092	Std
Toyota/Lexus 2UZFE/3UZFE 4664cc/4293cc V8	8B8091H 8B8091HX	Std, .025, .25, .50 Std	5M8088H 5M8088HX	Std, .025, .25, .50 Std	2T8092	Std
Toyota 1FZFE Landcruiser 4476cc Inline 6	6B7990H 6B7990HX	Std, .025, .25 Std	7M7989H 7M7989HX	Std, .025, .25 Std		
VW 1595cc, 1781cc (incl. Turbo), 1984cc, 1998cc Polo, Caddy, Golf, Jetta, Passat (1983-2003)	4B1606H 4B1606HX	Std, .025, .25, .50 Std	5M1644H 5M1644HX	Std, .25, .50 Std	2T1644	Std
VW 1781cc Turbo, 1984cc (incl Turbo) Polo, Golf, Jetta, Eos, Passat (2000 on)	4B1609H 4B1609HX	Std, .025, .25 Std				
Volvo B200, B204, B230, B234 (incl. Turbo) 1986cc, 2316cc Inline 4	4B2726H	Std				

PRIOR TO GRINDING YOUR CRANKSHAFT, WE STRONGLY RECOMMEND YOU CHECK THE AVAILABILITY OF THE REQUIRED UNDERSIZE WITH YOUR LOCAL DISTRIBUTOR.

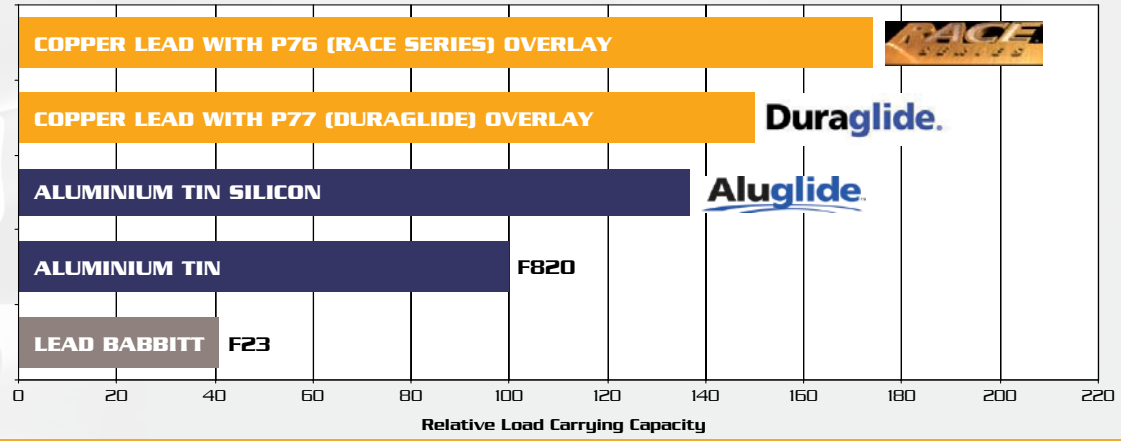




# RACE SERIES

## PERFORMANCE ENGINE BEARINGS

Comparison of ACL Materials



# INDEX



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Note: All information in this catalog has been collated from the most authoritative and reliable sources. As far as we are able to ascertain, it is correct. No responsibility can be accepted should any details be found to be incorrect. We welcome advice on any errors which may come to your notice.

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## **UNDERSTANDING YOUR CATALOG**

This catalog is designed in an index format to make the selection of ACL engine bearings an easy task.

1. Locate the Manufacturer – these names are listed at the top of each page in alphabetical sequence.
2. Locate the type of engine you have by using the [Engine](#) Index at the beginning of each section. Confirm your engines details by comparing the displacement, cylinder configuration and year breaks. Engine designations and VIN codes are also provided to help narrow down your selection. Once you have found the engine you are looking for, note the corresponding Line number.

# EXAMPLE ENGINE INDEX



**CHRYSLER**

CHRYSLER ENGINE INDEX											
Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
122 1996cc (2.0)...	16V DOHC	C	L4	00-00	1	215 3497cc (3.5)...	SOHC (Aluminum Block)	G	V6	99-06	10
122 1996cc (2.0)...	16V DOHC	Y	L4	95-99	1	215 3497cc (3.5)...	SOHC (Aluminum Block)	K	V6	03-04	10
122 1996cc (2.0)...	16V DOHC (ECF)	Y	L4	96-98	1	215 3497cc (3.5)...	SOHC (Aluminum Block)	M	V6	02-04	10
135 (2.2).....	DOHC, Turbo	A	L4	92-93	2	215 3497cc (3.5)...	SOHC (Cast Iron Block) (EGE)	F	V6	97-97	12
135 (2.2).....	SOHC, Turbo	A	L4	87-89	2						
135 (2.2).....	SOHC	B	L4	82-82	2	225 .....	Forged Crankshaft		L6	60-76	8
135 (2.2).....	SOHC	C	L4	83-84	2	225 3687cc (3.7)...	Cast Crankshaft	C	L6	78-80	13
135 (2.2).....	SOHC, Turbo	C	L4	90-90	2	225 3687cc (3.7)...	Cast Crankshaft	D	L6	78-80	13
135 (2.2).....	SOHC	D	L4	84-89	2	225 3687cc (3.7)...	Cast Crankshaft	E	L6	81-82	13
135 (2.2).....	SOHC, Turbo	E	L4	84-88	2	225 3687cc (3.7)...	Cast Crankshaft	F	L6	81-81	13
135 (2.2).....	DOHC, Turbo	P	L4	89-89	2	225 3687cc (3.7)...	Cast Crankshaft	G	L6	81-82	13
135 (2.2).....	DOHC, Turbo	R	L4	89-90	2	225 3687cc (3.7)...	Cast Crankshaft	H	L6	83-83	13
2351cc (2.4).....	Mits 4G64	G	L4	01-05	3	225 3687cc (3.7)...	Cast Crankshaft	K	L6	83-83	13
148 2429cc (2.4)...	DOHC	B	L4	00-02	4	230 (3.8).....	OHV	L	V6	91-06	11
148 2429cc (2.4)...	DOHC	X	L4	00-02	4	318 (5.2).....		G	V8	75-80	14
148 2429cc (2.4)...	DOHC (EDZ)	X	L4	95-98	4	318 (5.2).....		H	V8	78-80	14
152 2497cc (2.5)...	Mits 6G73	H	V6	99-00	5	318 (5.2).....		J	V8	81-82	14
152 2497cc (2.5)...	Mits 6G73	N	V6	95-00	5	318 (5.2).....		K	V8	81-82	14
152 2497cc (2.5)...	Mits 6G73 (EEB)	H	V6	95-98	5	318 (5.2).....		L	V8	81-81	14
152 2497cc (2.5)...	Mits 6G73 (EEB)	N	V6	96-98	5	318 (5.2).....		M	V8	81-82	14
153 2507cc (2.5)...	SOHC, Turbo	J	L4	89-92	2	318 (5.2).....		N	V8	81-83	14
153 2507cc (2.5)...	SOHC	K	L4	89-89	2	318 (5.2).....		P	V8	83-89	14
153 2507cc (2.5)...	SOHC	K	L4	86-93	2	345 (5.7).....	Hemi	H	V8	05-06	15
156 2555cc (2.6)...	Mits G54B (SOHC)	D	L4	82-82	6	360 (5.9).....		J	V8	74-79	17
156 2555cc (2.6)...	Mits G54B (SOHC)	G	L4	83-85	6	360 (5.9).....		K	V8	71-80	17
156 2555cc (2.6)...	Mits G54B (SOHC), Turbo	H	L4	87-87	6	360 (5.9).....		L	V8	78-79	17
156 2555cc (2.6)...	Mits G54B (SOHC), Turbo	N	L4	87-89	6	361 (5.9).....		V8	61-64	16	
167 2700cc (2.7)...		R	V6	02-06	7	383 (6.4).....		V8	59-60	18	
167 2700cc (2.7)...		T	V6	03-06	7	383 (6.3).....		V8	59-67	16	
167 2700cc (2.7)...		U	V6	01-01	7	383 (6.3).....		G	V8	68-69	16
167 2700cc (2.7)...	(EER)	R	V6	98-06	7	383 (6.3).....		H	V8	68-69	16
181 2972cc (3.0)...	Mits 6G72	3	V6	88-00	9	383 (6.3).....		L	V8	70-71	16
181 2972cc (3.0)...	Mits 6G72	H	V6	01-05	9	383 (6.3).....		N	V8	70-71	16
181 2972cc (3.0)...	Mits 6G72	S	V6	90-91	9	400 (6.6).....		M	V8	72-76	16
197 3200cc (3.2)...	SOHC (EGW)	J	V6	98-01	10	400 (6.6).....		N	V8	74-78	16
201 (3.3).....	OHV	3	V6	01-03	11	400 (6.6).....		P	V8	75-78	16
201 (3.3).....	OHV	G	V6	00-00	11	413 .....		V8	59-65	18	
201 (3.3).....	OHV	R	V6	90-06	11	426 (7.0).....	(Excl. Hemi)	V8	63-63	18	
201 (3.3).....	OHV	T	V6	93-96	11	426 (7.0).....	Hemi	V8	64-71	19	
201 (3.3).....	OHV	U	V6	94-95	11	440 (7.2).....		V8	66-67	18	
201 (3.3).....	OHV (EGB)	T	V6	97-97	11	440 (7.2).....		K	V8	68-69	18
201 (3.3).....	OHV (EGM)	G	V6	98-00	11	440 (7.2).....		L	V8	68-69	18
215 3497cc (3.5)...	SOHC (Aluminum Block)	4	V6	04-06	10	440 (7.2).....		T	V8	70-78	18
215 3497cc (3.5)...	SOHC (Cast Iron Block)	F	V6	93-97	12	440 (7.2).....		U	V8	70-75	18

- Turn to the Line number for easy selection of components. The line number will appear at the top of each group as per the example below. Each page in the catalog carries the same column heading as per the example below. The information contained within each column is very comprehensive. It is available at a glance to the parts department and workshop machinist.

CATALOG BODY EXAMPLE

CHRYSLER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>14</b> ENGINE			VIN CYL	Bore x Stroke	TORQUE SETTINGS					
318 (5.2)			G V8	3.91 x 3.31	Connecting Rod 45-50 ft.lbs/61-68 Nm					
318 (5.2)			H V8	3.91 x 3.31	Main Bearing 85-90 ft.lbs/115-122 Nm					
318 (5.2)			J V8	3.91 x 3.31						
318 (5.2)			K V8	3.91 x 3.31						
318 (5.2)			L V8	3.91 x 3.31						
318 (5.2)			M V8	3.91 x 3.31						
318 (5.2)			N V8	3.91 x 3.31						
318 (5.2)			P V8	3.91 x 3.31						
8B481P Std. 01 10 20 30 40	Rod	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH	
	Rod - .002" oversize OD version of 8B481P.									
8B481PO/S2 10 20 30 40		53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH	
	Main - flange O.D. 3.530"									
5M1344P Std. 01 10 20 30 40	1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L	
	3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	2703 U	
	3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	4357 L	
	5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L	
	Overflange length remains constant for standard and undersizes.									
5C1112S Std.	Cam - engines from 1980 on.									
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		16.00/0.630	F23	1	PD-25-2	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		15.75/0.620	F23	1	PD-25-3	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		15.75/0.620	F23	1	PD-25-4	
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5		
5C875S Std.	Cam - engines from 1975-1979.									
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4	
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5		

The following explanation provides all the knowledge required to obtain the most from your ACL catalog/workshop manual.

1. TYPE AND LOCATION

ROD denotes Connecting Rod big end bearing. Each engine requires one pair of bearings per rod. ACL bearings are generally sold in complete engine sets. Any pertinent comments affecting bearing sets are noted in the appropriate engine section.



MAIN	denotes Crankshaft Main Bearings. The position or location of each main pair in the engine is shown by numbering from the front (No.1) to the rear (flywheel end). Engines often require several pairs of different mains to make up a complete set, therefore ACL main bearings are only sold as complete sets.
(FI)	denotes the Flanged main bearing.
THRUST	denotes Thrust Washers. These are sold as engine sets and should always be ordered with the corresponding main sets.
CAM	denotes Camshaft bearings. It also includes the position of each bearing in the engine, using the same system as the main bearings (i.e. No. 1 cam bearing at the front). Camshaft bearings are generally sold in engine sets only.
SMALL END	denotes Small End Bush. Some engines have piston pins clamped or held with an interference fit direct in the eye or small end of the connecting rod and therefore do not require bushes. Where bushes are used, each connecting rod generally requires one bush. Small end bushes are sold as single pieces. Most small end bushes require boring after being fitted to the small end of the connecting rod. A few only require a light ream (see notes in the body of the catalog).
AR AUXILIARY	denotes Auxiliary Shaft bearings. It also includes the position of each bearing in the engine, using the same system as the main bearings (i.e. No. 1 Auxiliary Shaft bearing at the front). Auxiliary Shaft bearings are generally sold in engine sets only.
BALANCE SHAFT	denotes Balance Shaft bearings. It also includes the position of each bearing in the engine, using the same system as the main bearings (i.e. No. 1 Balance Shaft bearing at the front). Balance Shaft bearings are generally sold in engine sets only.
CAM TOWER	denotes Cam Tower repair inserts. These are available for the reconditioning of some alloy cylinder heads. For the required housing size for each of these sets refer to the technical specifications listed in the body of the catalog.

## **2. STANDARD SHAFT SIZE**

Minimum & Maximum dimensional information supplied in metric and imperial format.

## **3. HOUSING BORE**

Minimum & Maximum dimensional information supplied in metric and imperial format.

#### **4. MAX. BEARING THICKNESS**

Maximum dimensional information supplied in metric and imperial format.

#### **5. VERTICAL OIL CLEARANCE**

Minimum & Maximum dimensional information supplied in metric and imperial format. This is generally the calculated theoretical oil clearance when the “stack up” of tolerances of the housing size, journal size and bearing wall thickness are taken into account.

#### **6. MAX. OVERALL LENGTH**

Maximum dimensional information supplied in metric and imperial format.

For each dimension, the metric figure is shown first and the imperial immediately follows.

#### **7. MATERIAL CODE**

F1	Cast white metal, tin based, steel based. NOMINAL COMPOSITION: 89% Tin, 7.5% Antimony, 3.5% Copper
F23	Cast white metal, lead based, steel based. NOMINAL COMPOSITION: 83% Lead, 15% Antimony, 1.0% Tin
F100	Sintered Copper Lead, unplated, steel backed. NOMINAL COMPOSITION: 80% Copper, 10% Tin, 10% Lead
F147	Rolled Aluminum Tin, steel backed. NOMINAL COMPOSITION: 91% Aluminum, 6% Tin, 1.5% Silicon, 1% Copper, 0.5% Nickel
F250	Sintered Copper Lead, unplated, steel backed. NOMINAL COMPOSITION: 74% Copper, 23% Lead, 3% Tin
F780	Sintered Copper Lead, overlay plated, steel backed. NOMINAL COMPOSITION: 74% Copper, 24% Lead, 2% Tin
F781	Sintered Copper Lead, overlay plated, hardened steel back. NOMINAL COMPOSITION: 74% Copper, 24% Lead, 2% Tin
F810	Cast Aluminum Tin Silicon, steel backed. NOMINAL COMPOSITION: 88% Aluminum, 9% Tin, 2.5% Silicon, 0.8% Copper
F817	Rolled Aluminum Tin, steel backed. NOMINAL COMPOSITION: 83% Aluminum, 17% Tin
F820	Rolled Aluminum Tin, steel backed. NOMINAL COMPOSITION: 80% Aluminum, 20% Tin
F830	Rolled Aluminum Tin, steel backed. NOMINAL COMPOSITION: 70% Aluminum, 30% Tin

Literature dealing with the different characteristics of these bearing materials is available on written request to ACL.

## 8. QTY SET

This denotes the numbers of pieces per set.

## 9. BEARING SHELL NO.

Bearing shell numbers applicable to the pairs or full circle bearings (e.g. cam bearings) corresponding to their location in the first column. All of the pairs and/or full circle bearings required to make the set are shown here.

## IDENTICAL HALVES OR UPPER AND LOWER

This information is provided to indicate where the pairs are made up of different upper and lower halves rather than containing identical uppers and lowers. Where uppers and lowers differ, "U" and "L" are stamped on the respective halves and normally the notch or tang position will prevent incorrect fitting. However, it is possible to fit some bearings upside down, particularly in certain Japanese applications. If this happens, it can effectively block off crankpin oil feed with disastrous consequences.

### Important Note:

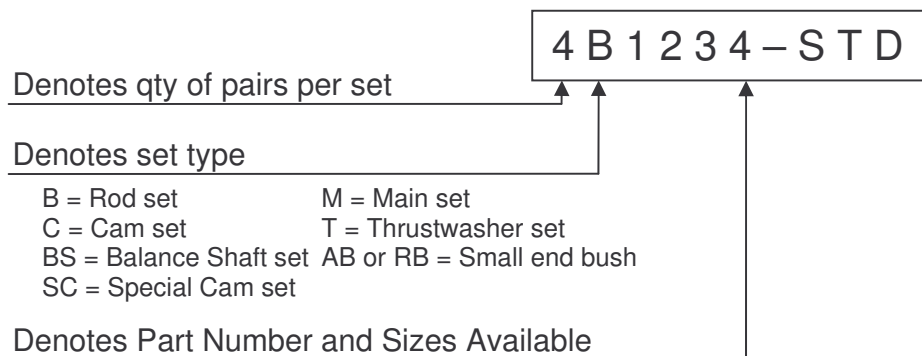
Engine location for the bearing shell number is listed in column 1, Type and location. Failure to position the bearings in the numbered location will possibly result in engine bearing failure.

## 10. ENGINE SET NO. SIZES AVAILABLE

This column has been shaded along with the engine identification section heading for each engine group listing for easy selection of sets.

Any pertinent comments affecting bearing set or bush selection are noted immediately top the right of the type of bearing listed in Column 1, type and Location. The range of sizes serviced by ACL is detailed below the bearing set number.

## ACL REPLACEMENT SET NUMBERING SYSTEM



# TRIMETAL or BIMETAL

## ACL – The right choice



Which material is best? You decide based on your needs.

Bearing Type Characteristic	Duraglide	Aluglide
<b>Strength</b> Ability to assume prolonged, high fatigue loads	Babbitt overlay (<20HV) is supported by a strong copper lead alloy (>50HV) in turn supported by the steel backing. Strength is high as long as the overlay is thin (<20um)	Strength is engineered through targeted alloying and modification of the Aluminum structure particularly with the addition of Silicon (from 45 to 55HV). No overlay means that the load is assumed directly by the alloy and transmitted through to the steel.
<b>Anti-Seizure</b> <b>Conformability</b> Ability to adapt to assembly and misalignment errors  <b>Compatibility</b> Ability to accommodate shaft to bearing contact through thin oil films  <b>Emergency Running</b> Ability to continue operation during temporary oil film breakdown	Very soft Babbitt overlay readily adapts. Copper lead alloy has moderate conformability and helps to adapt where shape errors are significant.  Crankshaft journal finish is the dominant factor. Contact with bearing surface results in adaptation through wear of the Babbitt layer with no damage to the shaft.  The lead in the Babbitt and copper-lead alloy has natural lubricity and can function as a dry lubricant. The low melting point of the alloy also allows it to provide a temporary liquid lubricant.	Alloy composition, casting and heat treatment methods develop exceptional toughness. This enables the alloy to conform without detriment to strength.  Bearing and shaft interact beneficially. Extra fine silicon particles at the bearing surface act as a mild polishing agent that moderates shaft surface roughness. System adapts to maintain oil film integrity. This is particularly effective when running against cast iron shafts.  The tin phase of the alloy provides lubricity and low melting point liquid lubricant but is not as effective as lead.
<b>Anti-Wear</b> Resistance to abrasion by shaft and dirt.	Babbitt alloys are prone to wear (see above), however the alloy composition is carefully controlled to optimize the strengthening effects of copper in turn minimizing the wear potential.	The relatively harder surface of the aluminum alloy has substantially reduced wear. Combined with shaft interaction (see above), which minimizes shaft abrasion, wear becomes insignificant.
<b>Embeddability</b> The ability to absorb dirt entrained in the oil without damage to the bearing or shaft	The soft Babbitt readily absorbs all kinds of dirt particles up to 15um without damage. Larger particles are accommodated less readily by the underlying layers.	As the aluminum alloy is substantially softer than shaft materials, hard particles of all sizes will embed rather than score the shaft. The toughness of the alloy ensures that the localized deformation does not compromise strength.
<b>Anti-Corrosion</b> Ability to withstand chemical attack from degraded or contaminated oil	Tin content in the alloys gives the lead partial protection from attack. If the bearing is worn to the copper-lead layer, resistance is minimal.	Aluminum tin based alloys are essentially inert to known contaminants.
<b>Applications</b>	Duraglide bearings provide a combination of high strength and the ability to withstand harsh/demanding operating conditions. This makes them ideal for performance/race engines and rebuilds.	Aluglide bearings provide a combination of moderate to high strength, good seizure resistance and excellent wear resistance. These bearings are ideally suited to general purpose applications (passenger cars and light commercial vehicles) where reliability and long service intervals are desirable. Aluglide bearings are highly preferred in modern import engines that have been designed for aluminum based bearings as OE standard fitment.



# The new generation engine bearings – smart, strong, tough.

ALUMINUMSILICON  
ENGINE BEARINGS

## New technology enhances proven materials.

Aluminum Tin materials have been around since the 1960's. It has traditionally been the choice of Japanese and European manufacturers for low load, gas, passenger cars. As the loads developed by high horsepower late model engines increased so too did the need for a stronger bearing material. Copper Lead Trimetal bearings have been the answer for higher load applications, but as the world becomes more environmentally conscious, the need for lead free engine components has increased, without sacrificing the load carrying capacity required for modern engines. The addition of Silicon as an alloying element to the Aluminum Tin family of bearing materials has elevated it to the next generation of performance materials. This is currently the choice of most OE manufacturers as the global mandate to have Lead free vehicles is enforced. An added benefit of the Aluminum Tin Silicon bearings is the excellent wear resistance properties, extending the service life of these parts.



## Smooth and clean - Aluglide is superior all the way.

However, BEWARE! Not all Aluminum Tin Silicon bearing materials are the same. Look at the photomicrographs below and compare the ACL strip cast microstructure to Brand X. The two are significantly different! The select alloying elements and heat treatments used by ACL have been proven by rigorous OE testing to go the distance, and they are truly lead free.

Photograph 1 F810

Photograph 2 Brand X



Although both structures show the basic features of typical aluminum tin silicon lining alloys, there are some significant differences. Specifically:

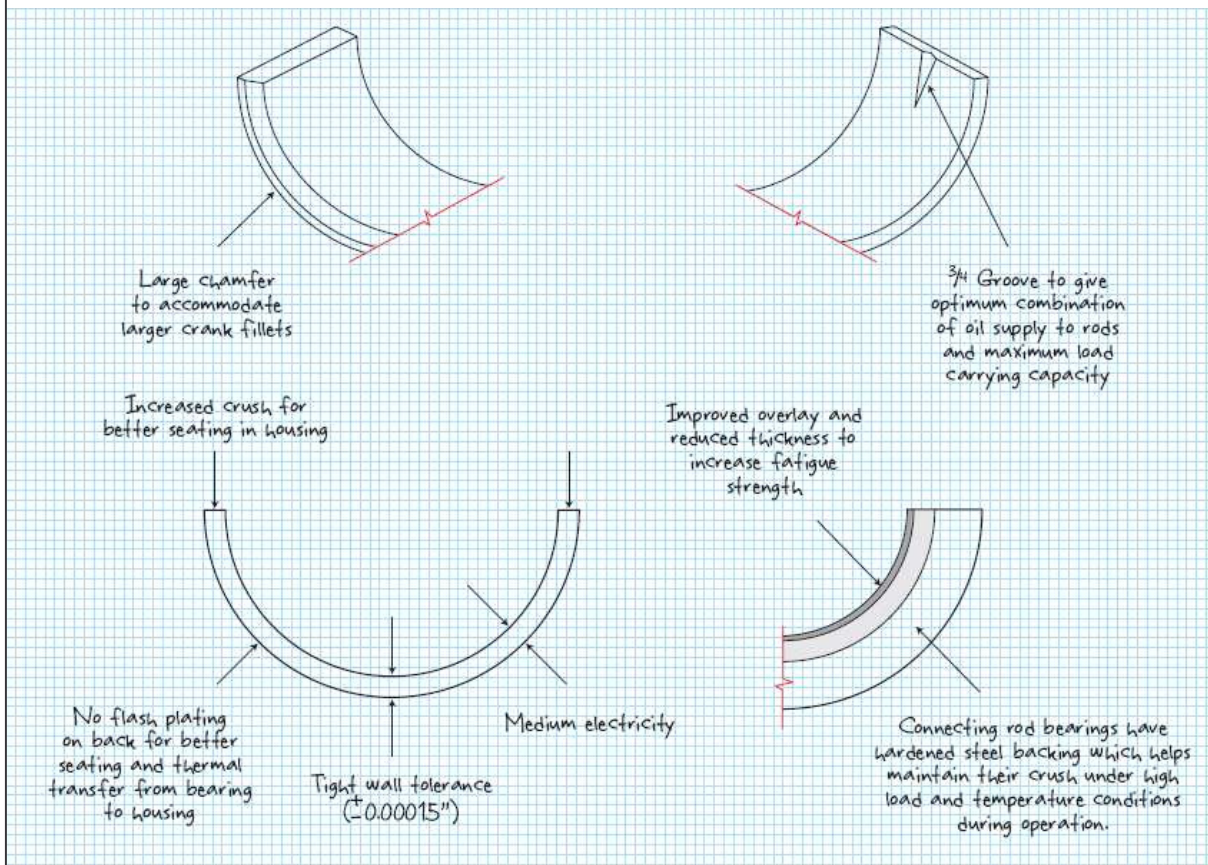
**Note A** The Brand X structure is generally coarser than F810 with large intergranular silicon particles. This suggests a standard casting method (moderate to slow freezing rate) that would not optimize the distribution of silicon within the alloy. Unless the freezing rate is extremely rapid (as with F810) there is only minimal solution of silicon within the aluminum grains. Also large silicon particles will be exposed at the bearing surface and act as stress raisers. In both cases the effect is to reduce the alloy toughness.

**Note B** Bonding surfaces, particularly between the aluminum bond layer and the steel are substantially less consistent than in F810 suggesting that bond strength is substantially compromised.





# Excellence in engineering, design and metallurgy produce outstanding engine bearings.



# Fitting Instructions

**To ensure a satisfactory bearing life, there are certain simple but vitally necessary rules which must be closely observed. Because extreme accuracy is built into precision insert bearings, they must not be filed, scraped or machined in any way.**

**They are machined to tolerances as fine as .00025 inches (0.006mm) and cannot be improved upon by any hand work, however skillful it may be. Follow the procedure outlined for a completely satisfactory bearing assembly.**

## 1. DISMANTLE

Before dismantling the old bearings, mark the bearing housings for reassembly identification - the caps must be reassembled exactly as removed.

## 2. INSPECT

Remove the crankshaft and bearings for careful assessment of the extent of wear or other damage. If either the crankshaft journal or bearing tunnel sizes are found to be outside the dimensions shown in this catalog, re-machining is recommended. If the used bearings exhibit tell-tale signs of unsatisfactory conditions in the engine, the source of these problems must be located and rectified as well.

Common faults that old bearings will highlight include bent or twisted rods, bent crankshafts, mis-aligned tunnel bores, unsatisfactory journal surface, insufficient or excessive nip, poor tunnel seats, mixed or reversed caps.

## 3. CLEAN

Careful cleaning of the engine block and all components must be undertaken to be sure of successful bearing replacement. Remove all gallery plugs prior to cleaning. There are several ways that the components can be thoroughly cleaned, e.g. the most commonly used methods are the Thermal Cleaning Systems (oven) or to allow the dis-assembled engine to soak in an agitated chemical bath (iron and aluminum-alloy components require different chemical cleaners). In these ways, all sludge and dirt accumulations, hidden and otherwise, are removed. If thermal or chemical cleaning facilities are unavailable a less thorough, and therefore less desirable method, is to physically remove the visible dirt and wash down with a solvent such as kerosene after removal of all gallery plugs. It is imperative to ensure that the entire lubrication system is completely clean and free of obstructions.

## 4. CHECK DIMENSIONS

- (a) Always accurately measure all journals and con rod and mains tunnels prior to assembly to be certain they are within the required tolerances, particularly if any re-sizing has been performed. Remember, the bore of the assembled bearing can only be as accurate as the housing into which it is fitted.
- (b) Check that replacement bearings are correct in all detail to the bearings removed, i.e.: - oil holes, grooves and locating notch.

## 5. CHECK NIP AND BACK CONTACT

It is necessary to check the NIP or crush fit of the new bearings in their housing and also the back contact if the old bearing backs have any bright, shiny areas.

The procedure of this operation is:

- (a) Apply a coating of bearing "blue" to the cleaned tunnel seating and the joint faces of the case or cap.
- (b) Clean and dry the bearings and apply bearing blue to the joint faces of one bearing. Assemble the bearings into the housings, tightening the holding bolts evenly to the correct tension. Threads should be oiled.
- (c) Accurately measure and write down the assembled internal diameters of each pair of bearings, then release the bolt or bolts on one side only. This should allow the joint faces to separate on this side. A feeler gauge of 0.10mm to 0.15mm (.004" to .006") should be accepted into the opening.
- (d) Release the remaining bolts and dismantle the bearing unit completely. An examination of the housings and the bearings should reveal an even transformation of "blue" from:
  - (i) Tunnel bores to back of bearing.
  - (ii) One bearing joint face to the other.
  - (iii) The cap joint face to the case joint face, or vice versa.

An uneven transference of blue indicates some "off standard" condition to be investigated and corrected.



## 6. CHECK OIL CLEARANCE

With tunnel sizes correct to specification and shaft journals unworn or correctly ground undersize, ACL finished-to-size bearings will provide a correct operating clearance, which can be quickly confirmed with the use of flexigauge on assembly.

Where doubt exists, or in special cases, oil clearance should be checked by accurately measuring and writing down each journal diameter and then subtracting this from the corresponding internal bearing diameters that were noted when checking the amount of nip. The difference between the two diameters represents the vertical oil clearance and this must fall within the specified tolerance shown against each part number in the application sections. Where recommended oil clearances are unknown, the following information will assist the machinist in establishing a journal size that will give a safe clearance:

<i>Diameter</i>	<i>Location</i>	<i>Whitemetals</i>	<i>F500, F820, F830</i>	<i>F780</i>
50-70mm (2.000-2.750 inches)	Rods	0.020-0.050mm (.0008-.0020in)	0.038-0.076mm (.0015-.0030in)	0.020-0.064mm (.0008-.0025in)
	Mains	0.025-0.064mm (.0010-.0025in)	0.050-0.089mm (.0020-.0035in)	0.025-0.076mm (.0010-.0030in)
70-90mm (2.750-3.500 inches)	Rods	0.025-0.064mm (.0010-.0025in)	0.050-0.089mm (.0020-.0035in)	0.025-0.076mm (.0010-.0030in)
	Mains	0.038-0.076mm (.0015-.0030in)	0.064-0.102mm (.0025-.0040in)	0.038-0.089mm (.0015-.0035in)

*Note:* These clearances are recommended for normal passenger car type applications. For truck, tractor and performance modified applications, add at least 0.013mm (.0005 in) to all figures.

## 7. ASSEMBLE

Assemble the bearing shells with the SHELLBACKS AND THE HOUSINGS PERFECTLY DRY, but use a liberal supply of heavy oil or suitable lubricant between the bearing metal surface and the shaft. Take a light tension on all bolts before finally tightening them **EVENLY TO THE CORRECT TENSION**. When they have been finally tensioned, it is advisable to give them a firm, sharp blow with a **SOFT** hammer to neutralize any torsion which may have been set up.

## 8. CHECK END FLOAT (THRUST CLEARANCE)

The recommended clearance differs from engine to engine though the following table provides a good workable guide. It is advisable to check thrust clearances at both thrust faces to ensure an accurate measurement.

<i>Journal Diameter</i>		<i>Recommended Clearance</i>	
50-70mm	(2.000-2.750in)	.10-.15mm	(.004-.006in)
70-90mm	(2.750-3.500in)	.15-.20mm	(.006-.008in)
90mm up	(3.500in - up)	.15-.25mm	(.006-.010in)

Copper-Lead thrust bearings should be given slightly more clearance than whitemetal and alutin thrusts and hard working engines should have a little more than normal duty engines, but always within the high and low clearance figures shown.

Most thrust washer sets and some flanged mains are available in an oversize. Consult the application sections for oversize thrust washer availability. Main sets with overwidth flanges are noted in the application sections with dimensional information for the particular engine set number shown below that section.

## 9. WARNING

**DO NOT ATTEMPT TO REVOLVE THE CRANKSHAFT UNTIL ALL BOLTS ARE FINALLY TENSIONED.**



# Flexigauge

Flexigauge is precision manufactured plastic strip.

It is available in two sizes and is used to check clearance of main and connecting rod bearings, and is suitable for automotive, marine and industrial applications.

The two sizes available together cover clearances from .001 to .006 in. or .025mm to .152mm and as follows:

<i>Reference</i>	<i>Covers Clearance Between</i>
AG-1 - (RG-1) (Green pack)	.001 - .003 in. or .025 - .076mm
AR-1 - (RR-1) (Red pack)	.002 - .006 in. or .051 - .152mm

Flexigauge strips - 12 in. long - are packed in individual envelopes, which are marked in appropriate graduation - one side in thousandths of an inch and the other side in millimeters. Ten strips in envelopes are packed in their appropriate colored carton.

Directions for use, which are printed on the outside of each carton for easy reference, are as follows:

1. Remove the bearing cap, wipe the journal and bearing shell clear of oil.
2. Place a piece of Flexigauge across the bearing at the crown. (See Figure 1).
3. Install the bearing cap and using a torque wrench tighten the bolts to the correct tension.  
**DO NOT REVOLVE THE SHAFT OR BEARINGS.**
4. Remove bearing cap. The Flexigauge will be adhering either to the bearing or shaft.
5. Compare the width of the flattened Flexigauge with the graduation on the envelope. The figure within the graduations indicates the clearance in thousandths of an inch or millimeters, depending on which side of the envelope is used. (See Figure 2).
6. Taper is indicated when Flexigauge is wider at one end than the other, the amount of taper being the difference between the readings. The widest part of the Flexigauge represents the area of least clearance. "Barrelling" of the shaft is when the Flexigauge is wider in the center of the bearing.

## PRECAUTION

When checking main bearings, with the CAP supporting the crankshaft, the weight of the crankshaft and flywheel must be taken off the bearing caps to avoid inaccurate results. This can be done, for example, by "jacking" on the crankshaft balance weight.

Main and connecting rod bearing clearances should be checked on the area of least journal wear. Main bearing checks should be made with the adjacent crankpin situated about 30° after bottom dead center.

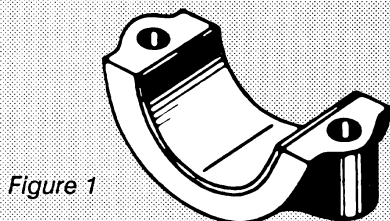


Figure 1

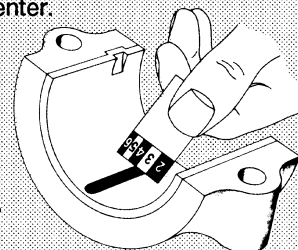


Figure 2

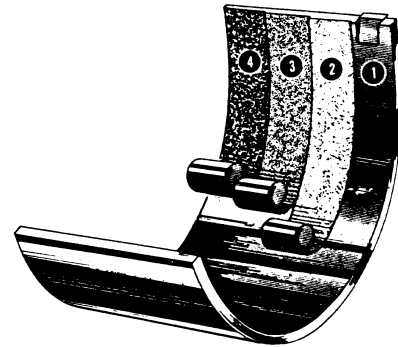
## ACL SINTERED BEARING ALLOYS

ACL supplies a wide a range of automotive engine bearings, bushings and thrust washers to original equipment manufacturers and the aftermarket, worldwide. Although ACL manufactures several different materials to suit various applications, tri-metal copper lead is considered to be their premium material and is used in many aftermarket applications. These materials provide the widest range of load carrying capacity with excellent durability, making them ideal for connecting rod and main bearings in both street and high performance engines.

## BEARING CONSTRUCTION

1. Utilizing mild-steel strip onto which is added powdered copper lead metal alloy. The strip is heated and compressed to bond the alloy to the steel backing.
2. ACL sintered copper lead alloys are of a similar chemical composition and generally withstand the same high compressive loads as cast alloy materials.
3. A lead-tin-copper overplate is applied to copper lead bearings produced by ACL. It is necessary however, to include a nickel intermediate layer (barrier plate or dam) to prevent tin migration from the overplate, which is a natural metallurgical phenomenon. ACL's superior quality construction and control in electroplating eliminate potential overplate flaking.
4. The lead-tin-copper overplate used by ACL consists of approximately 90%lead/9% tin/1% copper. Overplate thicknesses are nominally .0007" for most automotive applications.

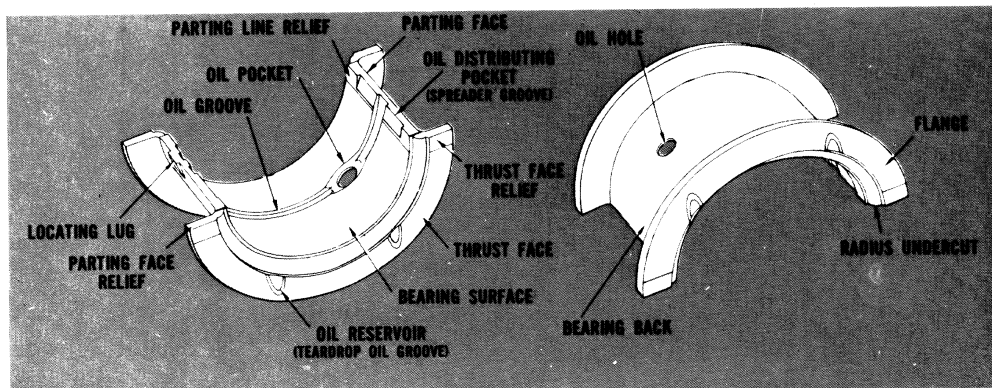
ACL Overplated Copper Lead Bearing Construction (Cast or Sintered)



1. Lead-Tin-Copper Overplate
2. Nickel Dam
3. Copper Lead Intermediate Layer
4. Steel Back

## Bearing Diagram

A knowledge of the meaning of the names of bearing parts will afford a better understanding of bearing design and will avoid a great deal of confusion and misunderstanding.



## Bearing locating devices:

Engine bearings must be provided with some means to keep them from rotating or shifting sideways in their housings. The most commonly used design is the locating lug. As shown in Figure 3, this consists of a protruding lug at the parting face of the bearing which nests into a slot in the housing that has been machined out to receive it.

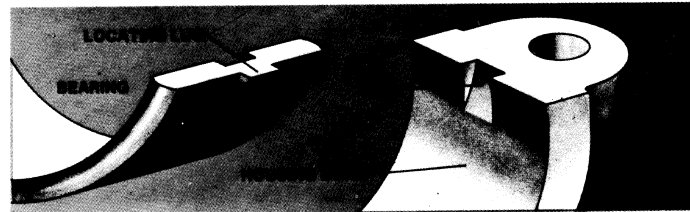


Figure 3  
Locating lug fits into slot in housing.

Another approach is the locating dowel illustrated in Figure 4. The dowel can be located on the housing or on the back of the bearing, with the dowel hole being located in the mating part. In some cases, there is a dowel hole in both parts with the dowel being inserted as a separate piece.

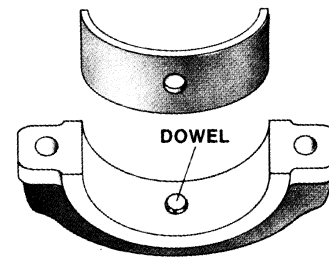


Figure 4  
Locating dowel fits into dowel hole in mating part.

## Oil grooves:

Providing an adequate oil supply to all parts of the bearing surface, particularly in the load area, is an absolute necessity. In many cases, this is accomplished by the oil flow through the bearing oil clearance. In other cases however, engine operating conditions are such that this oil distribution method is inadequate. When this occurs, some type of oil groove must be added to the bearing. Some oil grooves are used to assure an adequate supply of oil to adjacent engine parts by means of oil throw off, and through oil drillings in the crankshaft e.g. to connecting rod bearings. Although oil grooves vary in size and shape, it has been found that a single groove instead of multiple grooves works the best. A few typical oil grooves are shown in Figure 5.

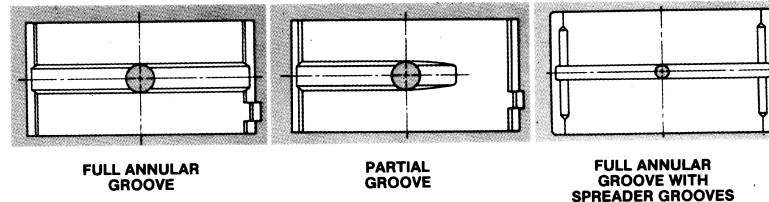


Figure 5  
Typical types of bearing oil grooves.

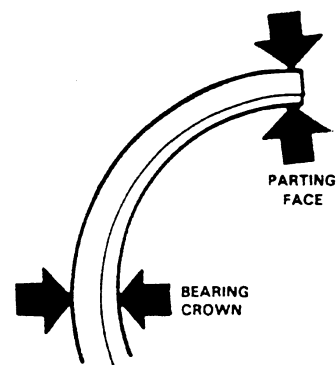
## Oil holes:

Most bearings receive their supply of oil through holes drilled in the crank-case. This necessitates a matching oil hole be provided in the bearing so the oil can flow into the oil clearance between the bearing and the journal. Some oil holes are provided to increase the flow of oil to nearby engine parts. When the bearing is equipped with an oil groove, the oil hole normally is in line with the groove.

The size and location of oil holes is critical. Thus, when replacement bearings are installed, care must be exercised to be sure that the oil hole matches the original equipment specifications.

## Eccentric wall:

Most bearings are manufactured with an eccentric wall. This means that the wall thickness gradually becomes thinner in a taper from the crown to the parting faces. This slight eccentricity built into the bearing wall will help increase the wedge effect to build the oil film under the loaded area and the eccentricity also allows a reduction in vertical oil clearance without reducing the effectiveness of the oil flow through the oil clearance space for cooling purposes. This small reduction in wall thickness is also an allowance for any "breathing" or distortion of the housing e.g. connecting rods.



Eccentric Wall Bearing



# REFERENCE DATA

**Crankcase Doweling**

There should be a positive method of aligning the cap and case halves of main bearings, such as dowel pins, tongue-in-groove caps, caps "nested" in the case, etc.

**Bolt Torque**

Crankcases should be machined at the same torque values used at final assembly.

**Main Bore Finish**

A 1.5 - 2.3 micrometers (60-90 microinch) finish (obtained by boring, honing, or grinding) is recommended. This will ensure proper bearing contact and heat transfer.

**Bore Tolerance**

.025mm (.001") on bores less than 250mm (10")  
.050mm (.002") on larger bores

**Taper**

TAPER ACROSS THE BEARING IN THE MOST HEAVILY LOADED AREA IS MORE CRITICAL THAN IN OTHER AREAS.

**Diametral Taper Tolerance**

Length	Tolerance	Tolerance*
Up to 25 mm (1")	.005 mm (.0002")	.003 mm (.0001")
25-50 mm (1"-2")	.010 mm (.0004")	.005 mm (.0002")
50 mm (2") and over	.013 mm (.0005")	.007 mm (.0003")

**Hourglass or Barrel-Shape Condition**

Same standards as taper.

**Out-of-Round**

Vertical dimension should not be larger than horizontal - .025mm (.001") maximum out-of-round permitted if horizontal is larger than vertical. (Vice-versa for vertically split cases of horizontally-opposed engines.)

**Main Bearing Bore Alignment Check**

Check by using an alignment bar:

Bore Size	Alignment Bar Diameter
Up to 100 mm (4")	.013 mm (.0005") under low limit of bore
100-150 mm (4"-6")	.020 mm (.00075") under low limit of bore
150 mm (6") and over	.025/.038 mm (.001/.0015") under low limit of bore

Thrust faces should be parallel and square to the main bearing bore axis within .025 mm (.001").

**Check by using a surface plate and indicator:**

Mount engine crankcase in running position on a surface plate and shim until the front and rear mains are aligned vertically, making sure to correct for any difference in the bore sizes.

By setting the indicator to zero on the vertical dimension of #1 main and subsequently checking the intermediate mains (always correct for bore variations), the vertical alignment of the case can be checked.

By placing the case on its side and following the same procedure as in preceding paragraphs (but this time setting the indicator as near as is practical to the parting line on the case half), the horizontal alignment can be checked. When performing this check, the main caps should be in place and properly torqued.

\*Applies to HEAVY-DUTY and/or HIGHLY LOADED ENGINES.



**Maximum allowed misalignments:**

Overall: .050 mm (.002"); .025 mm (.001")\*  
 Between adjacent bores; .025 mm (.001"), but  
 .013 mm (.0005") preferred; .013 mm (.0005")\*

**Oil Holes** Holes in bearings should be in line with holes in case within .75 mm (1/32").

**Crankshaft - Main & Crankpin Journals**

Diameter Tolerance	Shaft Diameter	Tolerance
	Up to 38 mm (1 1/2")	.013 mm (.0005")
	38-250 mm (1 1/2"-10")	.025 mm (.001")
	250 mm (10") and over	.050 mm (.002")

**Crankshaft Taper** TAPER ACROSS THE BEARING IN THE MOST HEAVILY LOADED AREA IS MORE CRITICAL THAN IN OTHER AREAS.

Journal Length	Diametral Taper Tolerance	
	Tolerance	Tolerance*
Up to 25 mm (1")	.005 mm (.0002")	.003 mm (.0001")
25-50 mm (1"-2")	.010 mm (.0004")	.005 mm (.0002")
50 mm (2") and over	.013 mm (.0005")	.007 mm (.0003")

**Hourglass or Barrel-Shape Condition** Same standards as taper.

**Out-of-Round (O.O.R.) Condition**

Shaft Diameter	Maximum Allowed O.O.R.
Up to 75 mm (3")	.013 mm (.0005"); .005 mm (.0002")*
75-125 mm (3"-5")	.013 mm (.0005"); .007 mm (.0003")*
125 mm (5") and over	.025 mm (.001"); .010 mm (.0004")*

**Axial and Circumferential Surface Variations**

It is suggested that journal traces (on precision surfaces and roundness instruments) be made periodically to monitor the axial and circumferential geometry of the journals. Standards for *all* engines:

**WAVINESS** - A widely spaced axial variation in surface linearity. Waviness should be held within .0025mm (.0001") T.I.R.

**LOBING** - A circumferential journal irregularity consisting of a gradually undulating surface contour with several peaks and corresponding valleys which are spaced approximately equally around the entire journal. The presence of definite three to seven lobe patterns in the circumference is highly undesirable. Lobing should be held within .0025 mm (.0001") T.I.R.

**CHATTER** - A circumferential journal surface irregularity marked by a large number of peaks and corresponding valleys which are approximately evenly spaced, but are not necessarily in evidence around the entire journal. Maximum chatter should not exceed .0013mm (.00005").

\*Applies to HEAVY-DUTY and HIGHLY LOADED ENGINES.



**Crankshaft Alignment**

Maximum misalignment allowed on adjacent main journals:  
 .025 mm (.001"); .013 mm (.0005")\*.

Maximum overall misalignment should not exceed .050 mm (.002"); .025 mm (.001")\*.

Crankpin and main journals should be parallel within .025 mm (.001"); .013 mm (.0005")\*.

**Method of Checking Crankshaft Alignment**

To check the alignment of main and rod journals, place the front and rear main journals on "V" blocks on a surface plate. Clamp an alignment bar (straight edge) on the surface plate parallel with the axis of the front and rear main journals. Set the height indicator to zero on the horizontal centerline of the front main journal and, with the indicator base tight against the alignment bar, move the gauge along intermediate main journals to check the alignment in the horizontal plane. The crankshaft may be rotated and the procedure repeated to check in other planes.

To check rod journals, rotate the shaft so that the centerline of the rod journals is on the horizontal centerline of the main journals. Reset the indicator on the centerline of the rod journals and proceed as above. If any taper, barrel, or hour-glass shape exists on any journal, it must be compensated for when determining alignment.

**End Clearance (Crankshaft Axial Play)**

Shaft Diameter	End Clearance
50-65 mm (2"-2¾")	.075/.175 mm (.003/.007")
65-85 mm (2¾"-3½")	.125/.225 mm (.005/.009")
85-125 mm (3½"-5")	.175/.275 mm (.007/.011")
125 mm (5") and over	.225/.325 mm (.009/.013")

**Bore Tolerance**

Shaft Diameter	Tolerance
Up to 80 mm (3¼")	.013 mm (.0005")
80-250 mm (3¼"-10")	.025 mm (.001")
250 mm (10") and over	.050 mm (.002")

**Taper**

TAPER ACROSS THE BEARING IN THE MOST HEAVILY LOADED AREA IS MORE CRITICAL THAN IN OTHER AREAS.

Length	Diametral Taper Tolerance	
	Tolerance	Tolerance*
Up to 25 mm (1")	.005 mm (.0002")	.003 mm (.0001")
25-50 mm (1"-2")	.010 mm (.0004")	.005 mm (.0002")
50 mm (2") and over	.013 mm (.0005")	.007 mm (.0003")

**Hourglass or Barrel-Shape**

Same standards as taper.

**Out-of-Round Condition**

Vertical dimension should not be larger than horizontal - .025 mm (.001") maximum out-of-round permitted if horizontal is larger than vertical.

**Rod Bore Finish**

A 1.5 - 2.3 micrometers (60-90 microinch) finish (obtained by boring, honing, or grinding) is recommended. This will ensure proper bearing contact and heat transfer.

\*Applies to HEAVY-DUTY and/or HIGHLY LOADED ENGINES.

**Connecting Rod  
Parallelism and  
Twist**

Parallelism and twist between the connecting rod bore and the wrist pin hole should be held to .025 mm (.001") when measured 150 mm (6") from the end of the wrist pin bushing (see Figure 6).

**Bolt Torque**

Rods must be machined at the same torque value used at final assembly in order to maintain size and roundness.

**Dowelling**

There should be a positive method (such as tongue-in-groove, serrated cap and rod P.L.'s, etc.) of aligning the cap and rod to prevent cap shift and/or twist, when the assembly is opened up for notching and bearing installation.

**Notches**

In order to provide sufficient clearance between the back of the bearing notch and the notch recesses in the rod and cap, the notches should be undercut.

**Connecting Rod & Crankcase Machining Practices**

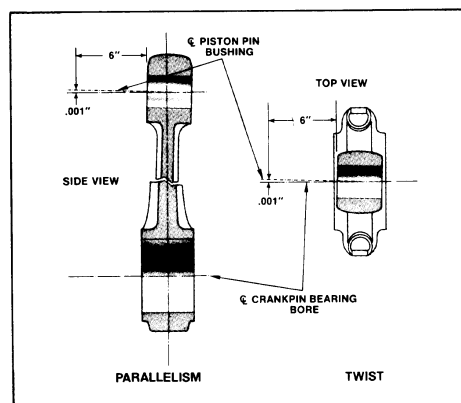
The importance of good machining of the connecting rods and crankcase cannot be over-emphasized if maximum bearing performance is to be expected. Special care should be exercised in the following areas:

Parting line surfaces: Should be flat and parallel.  
Should match evenly when subjected to proper bolt torque.

Torque: After the proper torque values have been established, they should be used during all subsequent machining operations and assembly.

Tightening should be done with a torque wrench, alternating from one side of the cap to the other so that the caps are drawn down evenly.

To maintain maximum roundness, the bolts must be loosened and retorqued between the rough and finish bore operations to minimize the effect of forging and machining stresses.



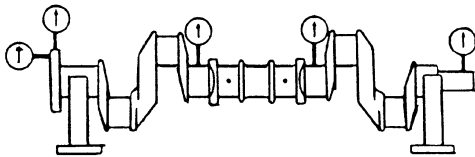
*Figure 6  
Examples of parallelism and twist*

## NOTES FOR THE MACHINIST AND ASSEMBLER

### Crankshafts

The crankshaft and the bearings which are associated with it are subject to wear and deterioration as a result of normal engine operation. Consequently, often at the time of engine reconditioning, the crankshaft will require regrinding to bring the journal and thrust faces back to serviceable condition. If this is necessary, before regrinding is performed, the crankshaft should be closely inspected for cracks, and wear or damage to flanges, keyways, screw-threads etc. which may involve a salvage operation, or which may necessitate rejection and replacement of the shaft.

The bearings from the engine may have shown evidence of other problems such as a bent or twisted crankshaft, which can be checked as in Figure 7.



*Figure 7*  
Crankshaft may be tested for straightness by rotating in vee-blocks and checking at points indicated.

Any abnormal condition must be corrected prior to regrinding the crankshaft. Reference data for crankshaft alignment is provided on page XVIII.

### Reclamation of damaged journals

It is sometimes found that due to complete failure of a bearing or other component, one or more journals of a shaft are damaged to an extent which may not permit regrinding to suit the smallest undersize bearings available. In these circumstances the shaft must be discarded unless the damaged journals can be reclaimed. Commonly used methods of reclamation are -

1. Metal spraying
2. Short arc and submerged arc welding
3. Hard chrome plating

Reclamation is best left to specialist workshops which have the required knowledge and equipment.

### Regrinding - nodular cast iron (SG Iron)

There has been widespread use of nodular cast iron (spheroidal graphite or S.G. iron) material for crankshafts in passenger cars and light duty truck engines. While this material has many advantages from the manufacturing point of view, it has a material microstructure requiring extremely critical attention to journal finishing - much more so than in the case of the other materials used for crankshafts; forged steel or cast normal flake graphite grey iron.

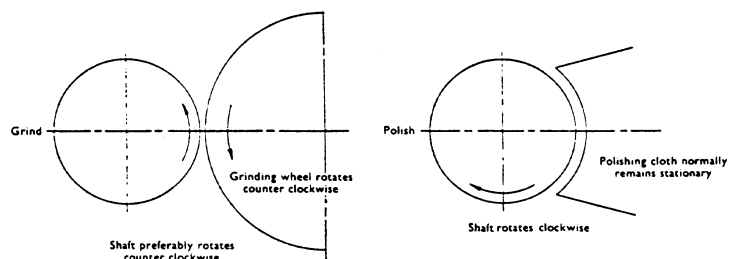
In a nodular iron crankshaft the free carbon is spheroidal in shape and a shell of ferrite always surrounds a nodule of graphite. After grinding the ferrite enveloped graphite tends to erupt at the surface in the form of raised pimples. These protrusions can be elevated above the surface by as much as .013mm (.0005") (which is in excess of the minimum oil film thickness), and are quite destructive to bearings.

To obtain a suitable journal finish free of these protrusions the following procedure is recommended:

1. Crankpin and journal grinding should be opposite to the direction of rotation of the crankshaft in the engine - see Figure 8.
2. Crankpin and journal polishing should be in the same direction of rotation of the crankshaft of the engine - see Figure 8.

The polishing usually is done with the use of 320 or 280 cloth and maximum stock removal of .0025mm (.0001").

Journal surface finishes of less than  $0,3\mu$  m (12 micro inch) are recommended.

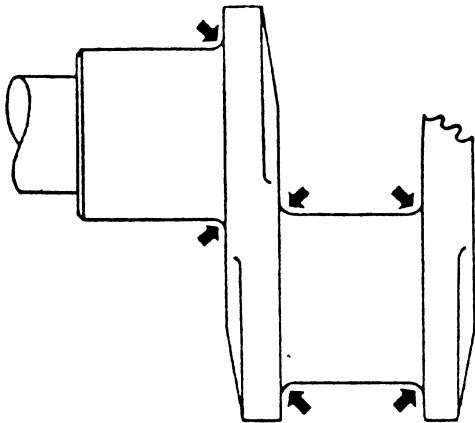


*Figure 8*  
Diagrams show direction of shaft rotation for grinding and polishing when shaft rotates in a clockwise direction during normal operation.

When regrinding a crankshaft it is important to ensure that all radii which form a transition from the journal surface to the face of the web should be preserved, and that they should be smooth and free from scratches and defects which may give rise to stress concentrations - see Figure 9.

Rolling of the fillet radii as an insurance against fatigue failure, is a good practice.

Replacement bearings for most engines are available as either standard or undersize. An undersize bearing is one whose inside diameter is smaller (undersize) than that of the original (standard) size. Normal undersizes are .25, .50, .75 or (010, 020, 030). For some engines 1.00 (040) are available.



*Figure 9*  
*The radii which blend the cylindrical portions of the crankshaft into web faces should be smooth and of correct radius if stress concentrations are to be avoided.*

## Hardened shafts

Many diesel and high performance engines employ crankshafts which have been induction hardened, nitrided, or tufrided. Induction hardening usually provides a depth of hardening which allows regrinding to as much as 1mm (.040"). However, nitrided shafts have a hardened zone, permitting grinding to only about .25mm (.010") undersize. As nitriding has a markedly beneficial effect on fatigue resistance, it is essential that these shafts be renitrided when the permissible undersize is exceeded.

## Selection of replacement bearings

The main objective in selecting an engine replacement bearing is to duplicate the original conditions of the engine when it was manufactured. This dictates that an exact duplicate of the original bearing should be used, except a smaller inside diameter usually is required to compensate for journal wear.



# ALPHABETICAL LISTING BY MAKE



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## ALPHABETICAL LISTING BY MAKE

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## ACURA ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1590cc (1.6).....	DOHC (D16A1)		L4	86-89	1	1998cc (2.0).....	DOHC VTEC (K20A2)		L4	02-04	5
97 1590cc (1.6).....	VTEC (D16Y8)		L4	97-00	1	1998cc (2.0).....	DOHC IVTEC (K20A3)		L4	02-06	6
1668cc (1.7).....	D17A2		L4	01-03	2	2156cc (2.2).....	(F22B1)		L4	97-97	7
1668cc (1.7).....	(D17A2)		L4	04-05	2	2254cc (2.3).....	(F23A1)		L4	98-99	8
1678cc (1.7).....	DOHC (B17A1)		L4	92-93	3	2354cc (2.4).....	DOHC VTEC (K24A2)		L4	04-06	5
1797cc (1.8).....	DOHC VTEC (B18C1)		L4	94-01	4	2494cc (2.5).....	DOHC (C25A1)		V6	86-87	9
1797cc (1.8).....	DOHC VTEC (B18C5)		L4	97-01	4	2675cc (2.7).....	DOHC (C27A1)		V6	87-90	9
1834cc (1.8).....	DOHC (B18A1)		L4	90-93	3	3165cc (3.2).....	Isuzu Eng. (6VD1)	V	V6	96-97	10
1834cc (1.8).....	DOHC (B18B1)		L4	94-01	3	3494cc (3.5).....	Isuzu Eng. (6VE1)	X	V6	98-99	10

## ACURA MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
CL		2156	2.2		97	INTEGRA - SPECIAL					
		2254	2.3		98-99	EDITION LS	1590	1.6	DOHC		87
EL	97	1590	1.6	VTEC	97-00	INTEGRA - SPECIAL					
		1668	1.7		04-05	EDITION	1834	1.8	DOHC		95-96
		1668	1.7	D17A2	01-03	INTEGRA - TYPE-R	1797	1.8	DOHC VTEC		97-01
INTEGRA - GS		1834	1.8	DOHC	90-01	LEGEND	2494	2.5	DOHC		86-87
INTEGRA - GSR		1678	1.7	DOHC	92-93		2675	2.7	DOHC		87-90
		1797	1.8	DOHC VTEC	94-01	LEGEND - L	2494	2.5	DOHC		87
INTEGRA - LS		1590	1.6	DOHC	86-89		2675	2.7	DOHC		87-90
		1834	1.8	DOHC	90-01	LEGEND - LS	2675	2.7	DOHC		87-90
INTEGRA - RS		1590	1.6	DOHC	86-89	RSX	1998	2.0	DOHC IVTEC		02-06
		1834	1.8	DOHC	90-98	RSX - S	1998	2.0	DOHC VTEC		02-04
INTEGRA - SE		1590	1.6	DOHC	88	SLX	3165	3.2	Isuzu Eng.		96-97
						TSX	3494	3.5	Isuzu Eng.		98-99
							2354	2.4	DOHC VTEC		04-06

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1590cc (1.6) DOHC (D16A1)		L4	75mm x 90mm	<b>Connecting Rod 23 ft.lbs/32 Nm</b> <b>Main Bearing 40 ft.lbs/55 Nm</b> (1986-87 engines) <b>Main Bearing 46 ft.lbs/63 Nm</b> (1988-89 engines) <b>Main Bearing 18 ft.lbs/25 Nm</b> (Step 1 - D16Y8 engines) <b>Main Bearing 38 ft.lbs/53 Nm</b> (Step 2 - D16Y8 engines)					
97 1590cc (1.6) VTEC (D16Y8)		L4	75mm x 90mm						

<b>Rod</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/0.0592	.020/.0008 .038/.0015	18.50/0.728	F780	8	1956 IH	<b>4B1956</b> Std. .25 .50 .75 1.0
<b>Main</b>	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH	<b>5M1957</b> Std. .25 .50 .75 1.0
<b>Thrust</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.

Note: Set includes two pieces, use on No. 4 position. Required with 5M1957 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1668cc (1.7) D17A2		L4	75mm x 94.4mm	<b>Connecting Rod 24 ft.lbs</b> <b>Main Bearing 18 ft.lbs</b> Step 1 <b>Main Bearing 38 ft.lbs</b> Step 2					
1668cc (1.7) (D17A2)		L4	75mm x 94.4mm						

<b>Rod</b>	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.018/.0007 .042/.0017	15.50/0.610	F780	8	1980 IH	<b>4B1980</b> Std. .25 .50
<b>Main</b>	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH	<b>5M1957</b> Std. .25 .50 .75 1.0
<b>Thrust</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 14 ft.lbs/20 Nm</b> Stage 1 (B17A1 eng. only) <b>Connecting Rod 23 ft.lbs/32 Nm</b> Stage 2 (B17A1 eng. only) <b>Main Bearing 56 ft.lbs/76 Nm</b> (B17A1 eng. only) <b>Connecting Rod 30 ft.lbs/41Nm</b> (B18A1 engines only) <b>Main Bearing 56 ft.lbs/76 Nm</b> (B18A1 engines only) <b>Connecting Rod 15 ft.lbs/20 Nm</b> Stage 1 (B18B1 eng. only) <b>Connecting Rod 24 ft.lbs/33 Nm</b> Stage 2 (B18B1 eng. only) <b>Main Bearing 22 ft.lbs/30 Nm</b> Stage 1 (B18B1 eng. only) <b>Main Bearing 58 ft.lbs/79 Nm</b> Stage 2 (B18B1 eng. only)			
<b>1678cc (1.7) DOHC (B17A1)</b>				<b>L4</b>	<b>81mm x 81mm</b>				
<b>1834cc (1.8) DOHC (B18A1)</b>				<b>L4</b>	<b>81mm x 89mm</b>				
<b>1834cc (1.8) DOHC (B18B1)</b>				<b>L4</b>	<b>81mm x 89mm</b>				
<b>4B1946</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/0.0592		19.50/0.768	F780	8	1946 IH
<b>5M1959</b> Std. .25 .50 .75	<b>Main</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790		20.00/0.787	F780	10	1959 U/L
<b>1T1957</b> Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1959 main set.</i>									
<b>4 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 15 ft.lbs/20 Nm</b> Stage 1 <b>Connecting Rod 33 ft.lbs/45 Nm</b> Stage 2 <b>Main Bearing 22 ft.lbs/30 Nm</b> Stage 1 (All bolts) <b>Main Bearing 49 ft.lbs/66 Nm</b> Stage 2 (Bolts #2, 3 & 4) <b>Main Bearing 56 ft.lbs/76 Nm</b> Stage 2 (Bolts #1 & 5)			
<b>1797cc (1.8) DOHC VTEC (B18C1)</b>				<b>L4</b>	<b>81mm x 87.2mm</b>				
<b>1797cc (1.8) DOHC VTEC (B18C5)</b>				<b>L4</b>	<b>81mm x 87.2mm</b>				
<b>4B1925</b> Std. .25 .50 .75	<b>Rod - for VTEC engines from 1994 on.</b>								
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	17.50/0.689	F780	8	1925 IH
<b>5M1959</b> Std. .25 .50 .75	<b>Main</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790		20.00/0.787	F780	10	1959 U/L
<b>1T1957</b> Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1959 main set.</i>									
<b>5 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod</b> <b>Main Bearing 22 ft.lbs/30 Nm + 56 deg</b>			
<b>1998cc (2.0) DOHC VTEC (K20A2)</b>				<b>L4</b>	<b>86mm x 86mm</b>				
<b>2354cc (2.4) DOHC VTEC (K24A2)</b>				<b>L4</b>	<b>87mm x 99mm</b>				
<b>4B1972H</b> Std. .025 .25 .50	<b>Rod</b>								
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/0.0591	.020/.0008 .055/.0022	15.40/0.606	F781	8	1972H IH
<b>4B1972HX</b> Std.	<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.487/0.0585	.030/.0012 .090/.0035	15.40/0.606	F781	8	1972HX IH
<b>5M1959H</b> Std. .025 .25	<b>Main</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L
<b>5M1959HX</b> Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 5**
**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	1T1957 Std.
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*Set includes two pieces. Required with 5M1959H/HX main set.*
**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**1998cc (2.0) DOHC IVTEC (K20A3)**
**L4**
**86mm x 86mm**
**Connecting Rod 14 ft.lbs + 90 deg  
Main Bearing**
**6**
**Rod**

	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH	4B1906H Std. .025 .25 .50
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**Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH	4B1906HX Std.
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**Main**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L	5M1959H Std. .025 .25
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**Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L	5M1959HX Std.
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**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	1T1957 Std.
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*Set includes two pieces. Required with 5M1959H/HX main set.*
**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**2156cc (2.2) (F22B1)**
**L4**
**85mm x 95mm**
**Connecting Rod 34 ft.lbs/46 Nm  
Main Bearing 52 ft.lbs/70 Nm**
**7**
**Rod**

	47.955/1.8880 47.976/1.8888	51.003/2.0080 51.024/2.0088	1.504/0.0592	.020/.0008 .086/.0034	19.40/0.764	F780	8	1936 IH	4B1936 Std. .25 .50 .75 1.0
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**Main**

1-5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/0.0789		20.00/0.787	F780	10	1937 IH	5M1937 Std. .25 .50
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**Thrust**

4	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1937T IH	1T1937 Std.
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*Note: Set includes two pieces, use on No. 4 position. Required with 5M1937 main set.*
**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**2254cc (2.3) (F23A1)**
**L4**
**86mm x 97mm**
**Connecting Rod 34 ft.lbs/46 Nm  
Main Bearing 22 ft.lbs/30 Nm Step 1  
Main Bearing 58 ft.lbs/78 Nm Step 2**
**8**
**Rod**

	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH	4B1906H Std. .025 .25 .50
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**Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH	4B1906HX Std.
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**Main**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH	5M1957 Std. .25 .50 .75 1.0
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**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	1T1957 Std.
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*Note: Set includes two pieces. Required with 5M1957 main set.*



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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9 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
2494cc (2.5) DOHC (C25A1)		V6	84mm x 75mm	<b>Connecting Rod 33 ft. lbs/45 Nm</b> (1986-90 engines)					
2675cc (2.7) DOHC (C27A1)		V6	87mm x 75mm	<b>Main Bearing 29 ft.lbs/39 Nm</b> (1986-90) (9mm bolts only)					
				<b>Main Bearing 36 ft.lbs/49 Nm</b> (1986-90) (10mm side bolts only)					
				<b>Main Bearing 41 ft lbs/55 Nm</b> (1989) (11mm bridge bolts only)					
				<b>Main Bearing 48 ft lbs/65 Nm</b> (1990) (11mm bridge bolts only)					
				<b>Main Bearing 50 ft.lbs/68 Nm</b> (1986-88) (11mm bridge bolts only)					

Rod									
<b>6B1935</b> Std. .25 .50 .75		51.981/2.0465	55.000/2.1654	1.504/0.0592	.005/.0002	17.50/0.689	F780	12	1935
		51.999/2.0472	55.025/2.1663		.072/.0028				IH
<b>Main - for engines with 2.7165" max housing bore.</b>									
<b>4M1933</b> Std. .25 .50 .75	1,2,3,4	63.974/2.5187	68.986/2.7160	2.505/0.0986		20.00/0.787	F870	8	1933
		64.000/2.5197	69.000/2.7165						U/L
<b>Main - for engines with 2.6779" max housing bore.(Engine serial # 2001033 or lower and CA. emissions. For all other engines with serial number below #2502726).</b>									
<b>4M1934</b> Std. .25 .50	1,2,3,4	63.976/2.5187	68.000/2.6772	2.000/0.0787	.020/.0008	20.00/0.787	F780	8	1934
		64.000/2.5197	68.020/2.6779		.048/.0019				U/L
<b>Thrust</b>									
<b>1T1934</b> Std.		75.250/2.9626	93.750/3.6909			2.50/0.098	F817	2	1934T
		75.500/2.9724	94.000/3.7008						IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 4M1934 main set.</i>									

10 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
3165cc (3.2) Isuzu Eng. (6VD1)	V	V6	93.4mm x 77mm	<b>Connecting Rod 40 ft. lbs/54 Nm</b>					
3494cc (3.5) Isuzu Eng. (6VE1)	X	V6	93.4mm x 85mm	<b>Main Bearing 29 ft.lbs/39 Nm</b>					

Rod									
<b>6B1840</b> Std. .25 .50 .75 1.0		53.922/2.1229	56.982/2.2434	1.513/0.0596	.019/.0007	17.12/0.674	F780	12	1840
		53.937/2.1235	57.000/2.2441		.078/.0031				IH
<b>Main</b>									
<b>4M1842</b> Std. .25 .50 .75 1.0	1,4	63.919/2.5165	68.979/2.7157	2.527/0.0995	.025/.0010	18.50/0.728	F780	4	1842
		63.932/2.5170	68.999/2.7165		.084/.0033				IH
	2,3	63.919/2.5165	68.979/2.7157	2.527/0.0995	.025/.0010	16.50/0.650	F780	4	1843
		63.932/2.5170	68.999/2.7165		.084/.0033				U/L
<b>Thrust</b>									
<b>1T1842</b> Std.		71.000/2.7953	97.550/3.8405			1.95/0.077	F817	2	1842T
		71.250/2.8051	97.800/3.8504						IH
<i>Note: Set includes two pieces. Required with 4M1842 main set.</i>									

## ACURA PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1590cc (1.6).....	(D16A1)		L4	86-89	1	1834cc (1.8).....	(B18B1)		L4	94-01	2
1590cc (1.6).....	VTEC (D16Y8)		L4	97-00	1	1998cc (2.0).....	VTEC (K20A2)		L4	02-04	4
1678cc (1.7).....	(B17A1)		L4	92-93	2	1998cc (2.0).....	IVTEC (K20A3)		L4	02-06	5
1797cc (1.8).....	VTEC (B18C1)		L4	94-01	3	2254cc (2.3).....	(F23A1)		L4		6
1797cc (1.8).....	VTEC (B18C5)		L4	97-01	3	2354cc (2.4).....	VTEC (K24A2)		L4	04-04	4
1834cc (1.8).....	(B18A1)		L4	90-93	2						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				<b>L4</b>	<b>75mm x 90mm</b>	<b>Connecting Rod 23 ft.lbs/32 Nm</b>			
				<b>L4</b>	<b>75mm x 90mm</b>	<b>Main Bearing 40 ft.lbs/55 Nm</b> (1986-87 engines)			
						<b>Main Bearing 46 ft.lbs/63 Nm</b> (1988-89 engines)			
						<b>Main Bearing 18 ft.lbs/25 Nm</b> (Step 1 - D16Y8 engines)			
						<b>Main Bearing 38 ft.lbs/53 Nm</b> (Step 2 - D16Y8 engines)			

### Rod - Race Series.

44.980/1.7709	48.000/1.8898	1.499/0.0590	.020/.0008	18.50/0.728	F781	8	1956H IH
45.000/1.7717	48.020/1.8905		.038/.0015				

**4B1956H**  
Std. .025 .25

### Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

44.980/1.7709	48.000/1.8898	1.486/0.0585	.045/.0018	18.50/0.728	F781	8	1956HX IH
45.000/1.7717	48.020/1.8905		.063/.0025				

**4B1956HX**  
Std.

### Main - Race Series.

1-5	54.980/2.1646	59.000/2.3228	2.002/0.0788	.005/.0002	20.00/0.787	F780	10	1957H IH
	55.000/2.1654	59.020/2.3236		.072/.0028				

**5M1957H**  
Std. .025 .25

### Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

1-5	54.980/2.1646	59.000/2.3228	1.989/0.0783	.030/.0012	20.00/0.787	F780	10	1957HX IH
	55.000/2.1654	59.020/2.3236		.097/.0038				

**5M1957HX**  
Std.

### Thrust

4	61.250/2.4114	81.750/3.2185			2.50/0.098	F817	2	1957T IH
	61.500/2.4213	82.000/3.2283						

**1T1957**  
Std.

Note: Set includes two pieces, use on No. 4 position. Required with 5M1957H/HX main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
<b>1678cc (1.7) (B17A1)</b>		<b>L4</b>	<b>81mm x 81mm</b>	<b>Connecting Rod 14 ft.lbs/20 Nm</b> Stage 1 (B17A1 eng. only)				
<b>1834cc (1.8) (B18A1)</b>		<b>L4</b>	<b>81mm x 89mm</b>	<b>Connecting Rod 23 ft.lbs/32 Nm</b> Stage 2 (B17A1 eng. only)				
<b>1834cc (1.8) (B18B1)</b>		<b>L4</b>	<b>81mm x 89mm</b>	<b>Main Bearing 56 ft.lbs/76 Nm</b> (B17A1 eng. only)				
				<b>Connecting Rod 30 ft.lbs/41Nm</b> (B18A1 engines only)				
				<b>Main Bearing 56 ft.lbs/76 Nm</b> (B18A1 engines only)				
				<b>Connecting Rod 15 ft.lbs/20 Nm</b> Stage 1 (B18B1 eng. only)				
				<b>Connecting Rod 24 ft.lbs/33 Nm</b> Stage 2 (B18B1 eng. only)				
				<b>Main Bearing 22 ft.lbs/30 Nm</b> Stage 1 (B18B1 eng. only)				
				<b>Main Bearing 58 ft.lbs/79 Nm</b> Stage 2 (B18B1 eng. only)				

### Rod - Race Series.

44.980/1.7709	48.000/1.8898	1.504/0.0592		19.50/0.768	F781	8	1946H IH
45.000/1.7717	48.024/1.8907						

**4B1946H**  
Std. .025 .25

### Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

44.980/1.7709	48.000/1.8898	1.491/0.0587		19.50/0.768	F781	8	1946HX IH
45.000/1.7717	48.024/1.8907						

**4B1946HX**  
Std.

### Main - Race Series.

1-5	54.980/2.1646	59.000/2.3228	2.002/0.0788		20.00/0.787	F780	10	1959H U/L
	55.000/2.1654	59.020/2.3236						

**5M1959H**  
Std. .025 .25

### Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

1-5	54.980/2.1646	59.000/2.3228	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L
	55.000/2.1654	59.020/2.3236						

**5M1959HX**  
Std.

### Thrust

4	61.250/2.4114	81.750/3.2185			2.50/0.098	F817	2	1957T IH
	61.500/2.4213	82.000/3.2283						

**1T1957**  
Std.

Note: Set includes two pieces, use on No. 4 position. Required with 5M1959H/HX main set.

# ACURA PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1797cc (1.8) VTEC (B18C1)			L4	81mm x 87.2mm	Connecting Rod 15 ft.lbs/20 Nm Stage 1				
1797cc (1.8) VTEC (B18C5)			L4	81mm x 87.2mm	Connecting Rod 33 ft.lbs/45 Nm Stage 2				
					Main Bearing 22 ft.lbs/30 Nm Stage 1 (All bolts)				
					Main Bearing 49 ft.lbs/66 Nm Stage 2 (Bolts #2, 3 & 4)				
					Main Bearing 56 ft.lbs/76 Nm Stage 2 (Bolts #1 & 5)				

<b>4B1925H</b> Std. .025 .25	<b>Rod - Race Series.</b>								
	44.976/1.7707 45.000/1.7717	48.000/1.8898 (nominal)	1.502/0.0591	.032/.0013 .050/.0020	17.50/0.689	F781	8	1925H IH	
<b>4B1925HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	44.976/1.7707 45.000/1.7717	48.000/1.8898 (nominal)	1.489/0.0586	.057/.0022 .075/.0030	17.50/0.689	F781	8	1925HX IH	
<b>5M1959H</b> Std. .025 .25	<b>Main - Race Series.</b>								
	1-5 54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L	
<b>5M1959HX</b> Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	1-5 54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L	
<b>1T1957</b> Std.	<b>Thrust</b>								
	4 61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1959H/HX main set.</i>									

<b>4 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1998cc (2.0) VTEC (K20A2)			L4	86mm x 86mm	Connecting Rod				
2354cc (2.4) VTEC (K24A2)			L4	87mm x 99mm	Main Bearing 22 ft.lbs/30 Nm + 56 deg				

<b>4B1972H</b> Std. .025 .25 .50	<b>Rod - Race Series.</b>								
	47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/0.0591	.020/.0008 .055/.0022	15.40/0.606	F781	8	1972H IH	
<b>4B1972HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.487/0.0585	.030/.0012 .090/.0035	15.40/0.606	F781	8	1972HX IH	
<b>5M1959H</b> Std. .025 .25	<b>Main - Race Series.</b>								
	1-5 54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L	
<b>5M1959HX</b> Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1-5 54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L	
<b>1T1957</b> Std.	<b>Thrust</b>								
	4 61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	
<i>Set includes two pieces. Required with 5M1959H/HX main set.</i>									

<b>5 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1998cc (2.0) IVTEC (K20A3)			L4	86mm x 86mm	Connecting Rod 14 ft.lbs + 90 deg				

<b>4B1906H</b> Std. .025 .25 .50	<b>Rod - Race Series.</b>								
	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH	
<b>4B1906HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH	
<b>5M1959H</b> Std. .025 .25	<b>Main - Race Series.</b>								
	1-5 54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L	
<b>5M1959HX</b> Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1-5 54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L	



# ACURA PERFORMANCE

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **5**

**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.
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*Set includes two pieces. Required with 5M1959H/HX main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
2254cc (2.3) (F23A1)		L4	86mm x 97mm	<b>Connecting Rod 34 ft.lbs/46 Nm</b> <b>Main Bearing 22 ft.lbs/30 Nm Step 1</b> <b>Main Bearing 58 ft.lbs/78 Nm Step 2</b>					

<b>Rod - Race Series.</b>									<b>4B1906H</b> Std. .025 .25 .50
	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH	
<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									<b>4B1906HX</b> Std.
	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH	
<b>Main - Race Series.</b>									<b>5M1957H</b> Std. .025 .25
1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957H IH	
<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									<b>5M1957HX</b> Std.
1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783	.030/.0012 .097/.0038	20.00/0.787	F780	10	1957HX IH	
<b>Thrust</b>									<b>1T1957</b> Std.
4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	

*Note: Set includes two pieces. Required with 5M1957H/HX main set.*

# ALFA ROMEO



## ALFA ROMEO ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1570cc (1.6).....	SOHC		L4	62-74	1	120 1961cc (2.0)...	DOHC		L4	72-90	1
1779cc (1.8).....	DOHC		L4	68-77	1	120 1961cc (2.0)...	DOHC	2	L4	91-94	1

## ALFA ROMEO MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ALFETTA - GT	120	1961	2.0	DOHC	75-77	SPIDER - GRADUATE	120	1961	2.0	DOHC	85-90
ALFETTA - SPORT	120	1961	2.0	DOHC	75-77	SPIDER -					
BERLINA		1779	1.8	DOHC	69-71	QUADRIFOGLIO	120	1961	2.0	DOHC	86-90
GT VELOCE	120	1961	2.0	DOHC	72-74	SPIDER - VELOCE	120	1961	2.0	DOHC	72-94
SPIDER		1779	1.8	DOHC	69-71	SPORT	120	1961	2.0	DOHC	78-79
	120	1961	2.0	DOHC	91-94	SPRINT - VELOCE	120	1961	2.0	DOHC	77-79

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1570cc (1.6) SOHC		L4	78 mm x 82 mm	Connecting Rod 53-60 ft. lbs/72-81 Nm Main Bearing 51-54 ft.lbs/69-73 Nm
1779cc (1.8) DOHC		L4	80 mm x 88.5mm	
120 1961cc (2.0) DOHC		L4	84 mm x 88.5mm	
120 1961cc (2.0) DOHC	2	L4	84 mm x 88.5mm	

<b>4B1110</b> Std. 10 20 30	<b>Rod</b>	49.987/1.9680 50.000/1.9685	53.693/2.1139 53.708/2.1145	1.836/0.0723	.021/.0008 .075/.0030	23.44/0.923	F780	8	1110 IH
	<b>Main</b>								
<b>5M1112</b> Std. 10 20 30	1,3,5	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/0.0720	.027/.0011 .084/.0033	25.52/1.005	F780	6	1112 IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/0.0720	.027/.0011 .084/.0033	18.36/0.723	F780	4	1113 IH
<b>2T4242</b> Std.	<b>Thrust</b>								
		65.786/2.5900 66.040/2.6000	82.423/3.2450 82.677/3.2550			2.36/0.093	F1	4	4242T U/L

Note: Set includes two pieces. Required with 5M1112 main set.





# AM GENERAL

## AM GENERAL ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
379 (6.2) .....	Diesel	X	V8	92-94	1	395 (6.5) .....	Diesel	Y	V8	94-95	1

## AM GENERAL MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
HUMMER - 2 DOOR RECRUIT	379		6.2		92-94	HUMMER - 4 PASSENGER OPEN TOP	379		6.2		92-94
	395		6.5		94		395		6.5		94-95
HUMMER - 2 PASSENGER HARDTOP ENLARGED	379		6.2		92-94	HUMMER - 4 PASSENGER WAGON	379		6.2		92-94
	395		6.5		94-95		395		6.5		94-95
HUMMER - 4 PASSENGER HARDTOP	379		6.2		92-93	HUMMER - OPEN BODY RECRUIT	379		6.2		92-93
	395		6.5		94-95		395		6.5		94

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
379 (6.2) Diesel	X	V8	3.98 x 3.82	Connecting Rod 48 ft. lbs	
395 (6.5) Diesel	Y	V8	4.06 x 3.82	Main Bearing 100 ft.lbs (outer bolt - 6.2 diesel engine only)	
				Main Bearing 110 ft.lbs (inner bolt)	
				Main Bearing 111 ft.lbs (outer bolt - 6.5 diesel engine only)	

Rod	60.914/2.3982	64.125/2.5246	1.570/0.0618	.048/.0019	22.91/0.902	F780	16	1292 IH	8B1286P
	60.940/2.3992	64.150/2.5256		.120/.0047					Std. .025 .25 .50 .75

Main	74.917/2.9495	79.825/3.1427	2.425/0.0955	.040/.0016	22.78/0.897	F780	6	2087 U/L	5M2091P
1,2,4	74.940/2.9504	79.850/3.1437		.114/.0045					Std. .025 .25 .50 .75 1.0
3 (FI)	74.917/2.9495	79.825/3.1427	2.425/0.0955	.040/.0016	28.70/1.130	F780	2	2089 U/L	
	74.940/2.9504	79.850/3.1437		.114/.0045					
5	74.912/2.9493	79.825/3.1427	2.425/0.0955	.045/.0018	35.33/1.391	F780	2	2088 U/L	
	74.937/2.9503	79.850/3.1437		.119/.0047					

Overflange length remains constant for standard and undersizes.

Cam	54.976/2.1644	59.106/2.3270	2.030/0.0798		22.86/0.900	F23	1	GM-7-1	5C1199S
1	55.024/2.1663	59.157/2.3290							Std.
2	54.976/2.1644	58.877/2.3180	1.910/0.0753		19.81/0.780	F23	1	GM-7-2	
	55.024/2.1663	58.928/2.3200							
3	54.976/2.1644	58.623/2.3080	1.790/0.0703		19.81/0.780	F23	1	GM-7-3	
	55.024/2.1663	58.674/2.3100							
4	54.976/2.1644	58.369/2.2980	1.660/0.0653		19.81/0.780	F23	1	GM-7-4	
	55.024/2.1663	58.420/2.3000							
5	50.975/2.0069	54.381/2.1410	1.660/0.0655		19.81/0.780	F23	1	GM-7-5	
	51.026/2.0089	54.432/2.1430							

Small End - semi-finished - .020" bore stock allowance.

	31.026/1.2215	33.139/1.3047			25.40/1.000	F100	1	3864Y20	RB3864Y20
	(Finished ID Size)	(Nominal)							Semi

## AMERICAN MOTORS ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
73 1198cc.....	Morris Eng.		L4	54-55	1	258 (4.2).....		C	L6	76-88	4
91 1489cc.....	Morris Eng.		L4	56-61	1	290 (4.8).....			V8	66-67	5
150 (2.5).....			L4	83-84	2	290 (4.8).....		M	V8	68-69	5
151 (2.5).....	Pontiac Eng.	U	L4	80-83	3	290 (4.8).....		N	V8	68-69	5
199 (3.3).....			L6	65-67	4	304 (5.0).....		H	V8	70-79	5
199 (3.3).....		A	L6	68-70	4	343 (5.6).....			V8	67-67	5
232 (3.8).....			L6	64-67	4	343 (5.6).....		S	V8	68-69	5
232 (3.8).....		B	L6	68-69	4	343 (5.6).....		T	V8	68-69	5
232 (3.8).....		C	L6	68-69	4	360 (5.9).....		N	V8	70-78	5
232 (3.8).....		E	L6	70-79	4	360 (5.9).....		P	V8	70-76	5
232 (3.8).....		G	L6	70-70	4	390 (6.4).....		X	V8	68-70	6
258 (4.2).....		A	L6	71-79	4	401 (6.6).....		Z	V8	71-76	6

## AMERICAN MOTORS MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
AMBASSADOR	199	3.3			66-67	EAGLE - DL-50 SX4	151	2.5		Pontiac Eng.	81-82
	232	3.8			65-70		258	4.2			81-82
	290	4.8			68-69	EAGLE - KAMMBACK	151	2.5		Pontiac Eng.	82
	304	5.0			70		258	4.2			82
	343	5.6			67-69	EAGLE - LIMITED	150	2.5			83-84
	360	5.9			70		151	2.5		Pontiac Eng.	81-83
	390	6.4			68-70		258	4.2			80-87
AMBASSADOR - BROUGHAM	304	5.0			71-74	EAGLE - SX4	150	2.5			83
	360	5.9			71-74		151	2.5		Pontiac Eng.	81-83
	401	6.6			71-74		258	4.2			81-83
AMBASSADOR - DPL	232	3.8			68-69	GREMLIN	199	3.3			70
	258	4.2			71		232	3.8			70-78
	290	4.8			68-69		258	4.2			71-78
	304	5.0			70-71	GREMLIN - CUSTOM	304	5.0			72-75
	343	5.6			68-69		232	3.8			76-78
	360	5.9			70-71		258	4.2			76-78
	390	6.4			69-70	HORNET	304	5.0			76
	401	6.6			71		199	3.3			70
AMBASSADOR - SST	290	4.8			68-69		232	3.8			70-77
	304	5.0			70-72		258	4.2			71-77
	343	5.6			68-69		304	5.0			70-77
	360	5.9			70-72	HORNET - SPORTABOUT	232	3.8			71-77
	390	6.4			68-70		258	4.2			71-77
	401	6.6			71-72		304	5.0			71-77
AMERICAN	199	3.3			66-68		360	5.9			72-74
	232	3.8			64-68	HORNET - SST	199	3.3			70
	290	4.8			67-68		232	3.8			70-72
	343	5.6			67		258	4.2			71-72
AMERICAN - 440	199	3.3			68		304	5.0			70-72
	232	3.8			68		360	5.9			71-72
	290	4.8			68	JAVELIN	232	3.8			68-74
	343	5.6			68		258	4.2			71-74
AMERICAN - ROGUE	232	3.8			68		290	4.8			68-69
	290	4.8			68		304	5.0			70-72
AMX	258	4.2			78-80		360	5.9			70-74
	290	4.8			68-69		390	6.4			68-70
	304	5.0			72-79	JAVELIN - SST	401	6.6			71-74
	343	5.6			68-69		232	3.8			68-72
	360	5.9			70-74		258	4.2			71-72
	390	6.4			68-70		290	4.8			68-69
	401	6.6			71-74		304	5.0			70-72
CLASSIC	199	3.3			65-66		343	5.6			68-69
	232	3.8			64-65		360	5.9			70-72
CONCORD	151	2.5		Pontiac Eng.	80-82		390	6.4			68-70
	232	3.8			78-79		401	6.6			71-72
	258	4.2			78-83	MARLIN	199	3.3			66-67
	304	5.0			78-79		232	3.8			65-67
CONCORD - DL	151	2.5		Pontiac Eng.	80-82		290	4.8			67
	258	4.2			80-83		343	5.6			67
CONCORD - LIMITED	151	2.5		Pontiac Eng.	80-82		360	5.9			71-74
	258	4.2			80-83	MATADOR	232	3.8			71-78
EAGLE	150	2.5			83-84		258	4.2			71-78
	151	2.5		Pontiac Eng.	81-83		304	5.0			71-77
	258	4.2			80-88		360	5.9			71-78
EAGLE - DL SX4	150	2.5			83		401	6.6			71-76
	151	2.5		Pontiac Eng.	83						
	258	4.2			83	MATADOR - BROUGHAM	232	3.8			74
EAGLE - DL-50	151	2.5		Pontiac Eng.	81		258	4.2			74
	258	4.2			81		304	5.0			74
EAGLE - DL-50 KAMMBACK	151	2.5		Pontiac Eng.	82		360	5.9			74
	258	4.2			82						74

## AMERICAN MOTORS MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
MATADOR - BROUGHAM	401		6.6		74	REBEL - 550	290		4.8		68
MATADOR - X	304		5.0		74	REBEL - 770	343		5.6		68
	360		5.9		74		232		3.8		68
	401		6.6		74		290		4.8		68
PACER	232		3.8		75-78	REBEL - SST	343		5.6		68
	258		4.2		75-79		232		3.8		69-70
	304		5.0		78-79		290		4.8		68-69
PACER - DL	258		4.2		80		304		5.0		70
PACER - LIMITED	258		4.2		80		343		5.6		68-69
RAMBLER	199		3.3		69	ROGUE	360		5.9		70
	232		3.8		69		390		6.4		69-70
	290		4.8		69		199		3.3		67
RAMBLER - 440	199		3.3		69		232		3.8		67
	232		3.8		69	SPIRIT	343		5.6		67
	290		4.8		69		151	2.5	Pontiac Eng.		80-82
RAMBLER - ROGUE	232		3.8		69		232		3.8		79
	290		4.8		69		258		4.2		79-82
REBEL	199		3.3		67	SPIRIT - DL	304		5.0		79
	232		3.8		67-70		151	2.5	Pontiac Eng.		80-82
	290		4.8		67-69		258		4.2		80-83
	304		5.0		70	SPIRIT - GT	258		4.2		83
	343		5.6		67-69	SPIRIT - LIMITED	151	2.5	Pontiac Eng.		80
	360		5.9		70		258		4.2		80
REBEL - 550	232		3.8		68						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
73 1198cc Morris Eng.		L4	64.5mm x 89mm	Connecting Rod 23-35 ft.lbs/31-47 Nm	
91 1489cc Morris Eng.		L4	73mm x 89mm	Main Bearing 70-75 ft.lbs/95-102 Nm	

Rod	47.648/1.8759	51.333/2.0210	1.824/0.0718	.024/.0009	25.53/1.005	F780	8	1891 IH	4B1891
	47.661/1.8764	51.346/2.0215		.076/.0030					Std. 10 20 30 40

Main	50.813/2.0005	54.508/2.1460	1.829/0.0720	.025/.0010	35.05/1.380	F23	6	4302 IH	3M4302
1,2,3	50.825/2.0010	54.521/2.1465		.076/.0030					Std. 10 20 30 40

Thrust	56.261/2.2150	69.596/2.7400			2.36/0.093	F1	4	4302T U/L	2T4302
	56.515/2.2250	69.850/2.7500							Std.

Note: Thrust set includes 4 pieces, use on No. 2 position. Required with 3M4302 main set.

Cam	45.433/1.7887	48.641/1.9150	1.585/0.0624	.025/.0010	37.57/1.479	F23	1	4306	3C4306
1	45.446/1.7892	48.666/1.9160		.076/.0030					Std.
2	43.909/1.7287	47.117/1.8550	1.585/0.0624	.025/.0010	28.83/1.135	F23	1	4307	
	43.922/1.7292	47.142/1.8560		.076/.0030					
3	41.217/1.6227	44.425/1.7490	1.585/0.0624	.025/.0010	20.89/0.822	F23	1	4308	
	41.229/1.6232	44.450/1.7500		.076/.0030					

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
150 (2.5)	U	L4	3.88 x 3.19	Connecting Rod 33 ft.lbs/45 Nm	
				Main Bearing 80 ft.lbs/108 Nm	

Rod	53.208/2.0948	56.083/2.2080	1.425/0.0561	.017/.0006	21.26/0.837	F780	8	1480 IH	4B960P
	53.226/2.0955	56.096/2.2085		.074/.0029					Std. 01 10 20 30 40 50

Main	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0008	25.04/0.986	F780	8	8872 U/L	5M1568P
1,2,4,5	63.487/2.4995	68.377/2.6920		.091/.0036					Std. 10 20 30
3 (FI)	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0008	32.26/1.270	F780	2	8873 U/L	
	63.487/2.4995	68.377/2.6920		.091/.0036					

Overflange length remains constant for standards and undersizes.

# AMERICAN MOTORS



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
<b>4C549S</b> Std.	<b>Cam</b>								
	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		17.65/0.695	F23	1	N-7-1
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.580/0.0620		17.65/0.695	F23	1	N-7-2
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.580/0.0620		17.65/0.695	F23	1	N-7-3
4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		17.65/0.695	F23	1	N-7-4	
<b>3 ENGINE</b>									
151 (2.5) Pontiac Eng.		VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
		B	L4	4.00 x 3.00	Connecting Rod 30 ft.lbs/41 Nm (except crossflow) Connecting Rod 32 ft.lbs/44 Nm (crossflow) Main Bearing 65 ft.lbs/88 Nm (except crossflow) Main Bearing 70 ft.lbs/95 Nm (crossflow)				
<b>4B610A</b> Std. 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	8	2226A IH
<b>4B610AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 4B610A.</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH
<b>4B610P</b> Std. 01 10 20 30 40	<b>Rod - To be superceded by 4B610A when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	8	2226 IH
<b>4B610PO/S2</b> 10 20 30 40	<b>Rod - To be superceded by 4B610AO/S2 when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/s)	.015/.0006 .067/.0026	18.84/0.742	F780	8	9070 IH
<b>5M1733P</b> Std. 01 10 20 30 40	<b>Main</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5M7152P</b> 10 20 30 40	<b>Main - Alt set to 5M1733P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.88/1.019	F780	2	7152 U/L
	<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M7152P</b>									
					Overall Width (Nominal)	Increase in Width			
					.010" u/s shaft	1.019"			
					.020" u/s shaft	1.019"			
					.030" u/s shaft	1.019"			
					.040" u/s shaft	1.019"			
<b>3C1030S</b> Std.	<b>Cam</b>								
	1,2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0644		21.97/0.865	F23	3	CH-5-3

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>4</b>
199 (3.3)			L6	3.75 x 3.00	Connecting Rod 27-30 ft.lbs/36-41 Nm (1964-74 engines)					
199 (3.3)		A	L6	3.75 x 3.00	Connecting Rod 30-35 ft.lbs/41-48 Nm (1975-88 engines)					
232 (3.8)			L6	3.75 x 3.50	Main Bearing 75-85 ft.lbs/102-115 Nm					
232 (3.8)		B	L6	3.75 x 3.50						
232 (3.8)		C	L6	3.75 x 3.50						
232 (3.8)		E	L6	3.75 x 3.50						
232 (3.8)		G	L6	3.75 x 3.50						
258 (4.2)		A	L6	3.75 x 3.90						
258 (4.2)		C	L6	3.75 x 3.90						

**Rod**

53.208/2.0948	56.083/2.2080	1.425/0.0561	.017/.0006	21.26/0.837	F780	12	1480
53.226/2.0955	56.096/2.2085		.074/.0029				IH

**6B960P**  
Std. 01 10 20 30 40

**Main**

1,2,4,5,6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L
3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.270	F780	2	8873 U/L

**7M704P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - Alt set to 7M704P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4,5,6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L
3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.280	F780	2	8879 U/L

**7M8879P**  
10 20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 7M8879P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.280"	+0.010"
.020" u/s shaft	1.280"	+0.010"
.030" u/s shaft	1.280"	+0.010"
.040" u/s shaft	1.280"	+0.010"

**Cam**

1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		17.65/0.695	F23	1	N-7-1
2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.580/0.0620		17.65/0.695	F23	1	N-7-2
3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.580/0.0620		17.65/0.695	F23	1	N-7-3
4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		17.65/0.695	F23	1	N-7-4

**4C549S**  
Std.

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>5</b>
290 (4.8)			V8	3.75 x 3.28	Connecting Rod 27-30 ft.lbs/36-41 Nm (1966-74 engines)					
290 (4.8)		M	V8	3.75 x 3.28	Connecting Rod 30-35 ft.lbs/41-48 Nm (1975-79 engines)					
290 (4.8)		N	V8	3.75 x 3.28	Main Bearing 95-105 ft.lbs/129-142 Nm (1966-79 engines)					
304 (5.0)		H	V8	3.75 x 3.28						
343 (5.6)			V8	3.75 x 3.28						
343 (5.6)		S	V8	3.75 x 3.28						
343 (5.6)		T	V8	3.75 x 3.28						
360 (5.9)		N	V8	4.08 x 3.44						
360 (5.9)		P	V8	4.08 x 3.44						

**Rod**

53.208/2.0948	56.083/2.2080	1.425/0.0561	.017/.0007	21.26/0.837	F780	16	1480
53.226/2.0955	56.096/2.2085		.074/.0029				IH

**8B960P**  
Std. 01 10 20 30 40



# AMERICAN MOTORS



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 5 (Cont'd.)

<b>5M1041P</b> Std. 10 20 30 40	<b>Main - full groove.</b>									
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U	
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L	
	3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.26/1.270	F780	2	1483 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>Main - full groove. Alt set to 5M1041P, with 0.010" overwidth flange increase for undersizes.* See below for dimensional information.</b>									
	<b>5M1485P</b> 10 20 30 40	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
		1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
		3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.51/1.280	F780	2	1485 U/L
		<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M1485P</b>										
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				.010" u/s shaft	1.280" +0.010"					
				.020" u/s shaft	1.280" +0.010"					
				.030" u/s shaft	1.280" +0.010"					
				.040" u/s shaft	1.280" +0.010"					
<b>5C671S</b> Std.	<b>Cam</b>									
	1	53.835/2.1195 53.861/2.1205	57.036/2.2455 57.061/2.2465	1.580/0.0620		23.50/0.925	F23	1	N-9-1	
	2	53.073/2.0895 53.099/2.0905	56.274/2.2155 56.299/2.2165	1.580/0.0620		16.00/0.630	F23	1	N-8-2	
	3	52.311/2.0595 52.337/2.0605	55.512/2.1855 55.537/2.1865	1.580/0.0620		16.00/0.630	F23	1	N-8-3	
	4	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		16.00/0.630	F23	1	N-8-4	
	5	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		16.00/0.630	F23	1	N-8-5	

## 6 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
390 (6.4)	X	V8	4.165 x 3.574	Connecting Rod 35-40 ft.lbs/47-54Nm					
401 (6.6)	Z	V8	4.165 x 3.680	Main Bearing 95-100 ft.lbs/129-136 Nm					

<b>8B819P</b> Std. 10 20	<b>Rod</b>								
		57.094/2.2478 57.112/2.2485	60.312/2.3745 60.325/2.3750	1.582/0.0623	.048/.0019 .104/.0041	20.45/0.805	F780	16	CB819P IH
<b>5M1041P</b> Std. 10 20 30 40	<b>Main - full groove.</b>								
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
	3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.26/1.270	F780	2	1483 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								



# AMERICAN MOTORS

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **6**

**Main - full groove. Alt set to 5M1041P, with 0.010" overwidth flange increase for undersizes.\* See below for dimensional information.**

1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.51/1.280	F780	2	1485 U/L

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M1485P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.280"	+0.010"
.020" u/s shaft	1.280"	+0.010"
.030" u/s shaft	1.280"	+0.010"
.040" u/s shaft	1.280"	+0.010"

**Cam**

1	53.835/2.1195 53.861/2.1205	57.036/2.2455 57.061/2.2465	1.580/0.0620		23.50/0.925	F23	1	N-9-1
2	53.073/2.0895 53.099/2.0905	56.274/2.2155 56.299/2.2165	1.580/0.0620		16.00/0.630	F23	1	N-8-2
3	52.311/2.0595 52.337/2.0605	55.512/2.1855 55.537/2.1865	1.580/0.0620		16.00/0.630	F23	1	N-8-3
4	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		16.00/0.630	F23	1	N-8-4
5	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		16.00/0.630	F23	1	N-8-5

**5M1485P**  
10 20 30 40

**5C671S**  
Std.

**AUDI ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1471cc (1.5).....	Gas (XV)		L4	74-74	1	1986cc (2.0).....	(CN),Diesel	G	L5	81-81	5
1471cc (1.5).....	Gas (XW)		L4	74-74	1	1986cc (2.0).....	(DE), Turbo,Diesel	H	L5	82-85	5
1471cc (1.5).....	Gas (XY)		L4	74-74	1	2144cc (2.2).....	(WD)		L5	78-80	7
1471cc (1.5).....	Gas (XZ)		L4	74-74	1	2144cc (2.2).....	(WD)	B	L5	81-83	7
1471cc (1.5).....	Gas (ZD)		L4	73-73	1	2144cc (2.2).....	(WE)		L5	78-80	6
1471cc (1.5).....	Gas (ZE)		L4	73-73	1	2144cc (2.2).....	(WE)	B	L5	81-84	6
97 1588cc (1.6).....	(CR),Diesel	G	L4	82-84	2	2144cc (2.2).....	(WK), Turbo		L5	80-80	6
97 1588cc (1.6).....	(CY), Turbo,Diesel	H	L4	82-83	2	2144cc (2.2).....	(WK), Turbo	C	L5	81-83	6
97 1588cc (1.6).....	(JK),Diesel	G	L4	83-83	2	2144cc (2.2).....	(WX), Turbo	C	L5	83-85	7
97 1588cc (1.6).....	Gas (YG)		L4	75-80	1	2226cc (2.2).....	(3B), Turbo	E	L5	91-91	8
97 1588cc (1.6).....	Gas (YH)		L4	75-80	1	2226cc (2.2).....	(AAN), Turbo	A	L5	95-97	8
97 1588cc (1.6).....	Gas (YK)		L4	76-76	1	2226cc (2.2).....	(AAN), Turbo	P	L5	92-93	8
1715cc (1.7).....	Gas (WT)	A	L4	81-83	1	2226cc (2.2).....	(AAN), Turbo	R	L5	92-94	8
1780cc (1.8).....	Gas, SOHC (JN)	A	L4	84-84	3	2226cc (2.2).....	(JT)	B	L5	84-87	8
1780cc (1.8).....	Gas, SOHC (MG)	B	L4	85-87	3	2226cc (2.2).....	(KX)	A	L5	84-84	8
1780cc (1.8).....	Gas, SOHC (MG)	C	L4	87-87	3	2226cc (2.2).....	(KX)	C	L5	85-86	8
1781cc (1.8).....	(AEB), Turbo	B	L4	97-99	4	2226cc (2.2).....	(KX)	D	L5	84-87	8
1781cc (1.8).....	(AMB), Turbo		L4	03-04	4	2226cc (2.2).....	(KX)	E	L5	87-87	8
1781cc (1.8).....	(AMB), Turbo	C	L4	02-04	4	2226cc (2.2).....	(KZ)	B	L5	85-88	8
1781cc (1.8).....	(AMU), Turbo	T	L4	01-02	4	2226cc (2.2).....	(MC), Turbo	C	L5	89-89	9
1781cc (1.8).....	(ATC), Turbo	C	L4	00-00	4	2226cc (2.2).....	(MC), Turbo	D	L5	86-91	9
1781cc (1.8).....	(ATW), Turbo	C	L4	00-00	4	2226cc (2.2).....	(MC), Turbo	E	L5	86-88	9
1781cc (1.8).....	(AWM), Turbo		L4	01-01	4	2309cc (2.3).....	DOHC (7A)	E	L5	90-91	8
1781cc (1.8).....	(AWM), Turbo	C	L4	01-01	4	2309cc (2.3).....	(NF)	B	L5	87-89	8
1781cc (1.8).....	(AWP), Turbo	C	L4	01-04	4	2309cc (2.3).....	(NF)	C	L5	87-91	8
1983cc (2.0).....	Gas, SOHC (3A)	A	L4	90-90	3	2309cc (2.3).....	(NG)	B	L5	89-89	8
1983cc (2.0).....	Gas, SOHC (3A)	B	L4	88-90	3	2309cc (2.3).....	(NG)	C	L5	87-92	8
1986cc (2.0).....	(CN),Diesel		L5	79-80	5	2309cc (2.3).....	(NG)	D	L5	90-92	8

**AUDI MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
100		2309	2.3		89-91	5000S QUATTRO		2309	2.3		87-88	
100 - E		2309	2.3		89	80		1983	2.0	Gas, SOHC	88-90	
100 QUATTRO		2309	2.3		89-91			2309	2.3		91-92	
200		2226	2.2		89-91	80 QUATTRO		2309	2.3		88-92	
200 QUATTRO		2226	2.2		89-90	90		1983	2.0	Gas, SOHC	88	
200 QUATTRO - 10V		2226	2.2		91			2309	2.3		88-91	
200 QUATTRO - 20V		2226	2.2		91	90 QUATTRO		2309	2.3		88-89	
4000	97	1588	1.6		82-83	90 QUATTRO - 20V		2309	2.3	DOHC	90-91	
	97	1588	1.6	Gas	80	A4		1781	1.8		97-04	
		1715	1.7	Gas	81-83	A4 - CABRIOLET		1781	1.8		03-04	
		2144	2.2		80-83	A4 QUATTRO		1781	1.8		97-04	
4000CS QUATTRO		2226	2.2		86-87	A4 QUATTRO - AVANT		1781	1.8		99-04	
4000S		1780	1.8	Gas, SOHC	84-87	A4 QUATTRO - CABRIOLET		1781	1.8		04	
		2144	2.2		84	COUPE		2144	2.2		81-82	
		2226	2.2		85-86	COUPE - GT		2144	2.2		83-84	
4000S QUATTRO		2226	2.2		84-85			2226	2.2		84-87	
5000		1986	2.0		79-85			2309	2.3		87	
		2144	2.2		78-83	COUPE QUATTRO - 20V		2309	2.3	DOHC	90-91	
5000 - CS		2226	2.2		86-88	FOX		1471	1.5	Gas	73-74	
5000 - S		1986	2.0		79-81			97	1588	1.6	Gas	75-79
		2144	2.2		79-83	QUATTRO		2144	2.2		83-85	
		2226	2.2		85-88	S4		2226	2.2		92-94	
		2309	2.3		87-88	S6		2226	2.2		95-97	
5000 - TURBO		2144	2.2		81-83	TT		1781	1.8		00-04	
5000CS QUATTRO		2226	2.2		86-88	TT QUATTRO		1781	1.8		00-02	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
			L4		76.5mm x 80mm	Connecting Rod 33 ft. lbs./45 Nm			
			L4		76.5mm x 80mm	Main Bearing 47 ft. lbs/64 Nm			
			L4		76.5mm x 80mm				
			L4		76.5mm x 80mm				
			L4		76.5mm x 80mm				
			L4		76.5mm x 80mm				
			L4		79.5mm x 80mm				
			L4		79.5mm x 80mm				
			L4		79.5mm x 80mm				
			A	L4	79.5mm x 86mm				

**1**
**Rod**

45.949/1.8090	49.000/1.9291	1.506/0.0593	.018/.0007	19.00/0.748	F780	8	1636
45.969/1.8098	49.017/1.9298		.082/.0032				IH

**4B1636**  
Std. .25 .50 .75 1.0

**Main - for engines with flanged thrust main bearings only.**

1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	24.93/0.981	F780	2	1645 U/L

**5M1645**  
Std. .25 .50 .75 1.0

**Small End - not bored, single pieces.**

21.996/0.8660	25.000/0.9843			25.00/0.984	F100	1	RB4053
22.000/0.8661	25.033/0.9855						

**RB4053**  
Semi

**AR Auxiliary**

1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120			15.00/0.591	F23	1	7006
2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726			15.00/0.591	F23	1	7007

**2BS7006**  
Semi

**AR Auxiliary**

1	42.959/1.6913 42.974/1.6919	45.999/1.8110 46.025/1.8120	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-1
2	41.958/1.6519 41.974/1.6525	44.999/1.7716 45.024/1.7726	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-2

**2C1209S**  
Std.

<b>ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
			G	L4	76.5mm x 86.4mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg (Turbo)			
			H	L4	76.5mm x 86.4mm	Connecting Rod 33 ft. lbs/45 Nm (Non-Turbo)			
			G	L4	76.5mm x 86.4mm	Main Bearing 48 ft. lbs/65 Nm (Turbo)			

**2**
**Rod**

47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F810	8	1606A
47.778/1.8810	50.619/1.9929		.077/.0030				IH

**4B1606A**  
Std. .25 .50 .75 1.0

**Main - for engines with flanged thrust main bearings only.**

1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	24.93/0.981	F780	2	1645 U/L

**5M1645**  
Std. .25 .50 .75 1.0

**Small End - not bored, single pieces.**

23.996/0.9447	27.000/1.0630			29.30/1.154	F100	1	RB4071
24.000/0.9449	27.025/1.0640						

**RB4071**  
Semi

**AR Auxiliary**

1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120			15.00/0.591	F23	1	7006
2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726			15.00/0.591	F23	1	7007

**2BS7006**  
Semi

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
<b>2C1209S</b> Std.	<b>AR Auxiliary</b>								
	1	42.959/1.6913 42.974/1.6919	45.999/1.8110 46.025/1.8120	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-1
	2	41.958/1.6519 41.974/1.6525	44.999/1.7716 45.024/1.7726	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-2

<b>3 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1780cc (1.8) Gas, SOHC (JN)	A	L4	81mm x 86mm	<b>Connecting Rod 22ft.lbs + 90 deg/30Nm + 90 deg Main Bearing 50ft.lbs/68Nm</b>					
1780cc (1.8) Gas, SOHC (MG)	B	L4	81mm x 86mm						
1780cc (1.8) Gas, SOHC (MG)	C	L4	81mm x 86mm						
1983cc (2.0) Gas, SOHC (3A)	A	L4	83mm x 93mm						
1983cc (2.0) Gas, SOHC (3A)	B	L4	83mm x 93mm						

<b>4B1606A</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F810	8	1606A IH
<b>5M1645</b> Std. .25 .50 .75 1.0	<b>Main - for engines with flanged thrust main bearings only.</b>								
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
	3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	24.93/0.981	F780	2	1645 U/L
<b>2BS7006</b> Semi	<b>AR Auxiliary</b>								
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120			15.00/0.591	F23	1	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726			15.00/0.591	F23	1	7007
	<b>AR Auxiliary</b>								
<b>2C1209S</b> Std.	<b>AR Auxiliary</b>								
	1	42.959/1.6913 42.974/1.6919	45.999/1.8110 46.025/1.8120	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-1
	2	41.958/1.6519 41.974/1.6525	44.999/1.7716 45.024/1.7726	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-2

<b>4 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1781cc (1.8) (AEB) Turbo	B	L4	81mm x 86.4mm						
1781cc (1.8) (AMB) Turbo		L4	81mm x 86.4mm						
1781cc (1.8) (AMB) Turbo	C	L4	81mm x 86.4mm						
1781cc (1.8) (AMU) Turbo	T	L4	81mm x 86.4mm						
1781cc (1.8) (ATC) Turbo	C	L4	81mm x 86.4mm						
1781cc (1.8) (ATW) Turbo	C	L4	81mm x 86.4mm						
1781cc (1.8) (AWM) Turbo		L4	81mm x 86.4mm						
1781cc (1.8) (AWM) Turbo	C	L4	81mm x 86.4mm						
1781cc (1.8) (AWP) Turbo	C	L4	81mm x 86.4mm						

<b>4B1606A</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F810	8	1606A IH
<b>4B1606H</b> Std. .025 .25 .50	<b>Rod</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F781	8	1606H IH
<b>4B1615A</b> Std. .25 .50 .75	<b>Rod - for engines using a rod bearing with no tang and 18.50 mm wide.</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .067/.0026	18.50/0.728	F810	8	1615A IH
<b>5M1644</b> Std. .25 .50 .75	<b>Main - Trimetal material - half groove set.</b>								
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	4	1644 L
	1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	6	1648 U



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									
<b>4</b>									
<b>Main - High Strength Aluminum Silicon material - half groove set.</b>									
1-5	53.963/2.1245 53.983/2.1253	59.000/2.3228 59.010/2.3232	2.508/0.0987	.006/.0002 .061/.0024	18.50/0.728	F810	5	1668A U	<b>5M1668A</b> Std. .25 .50 .75
1-5	53.963/2.1245 53.983/2.1253	59.000/2.3228 59.010/2.3232	2.508/0.0987	.006/.0002 .061/.0024	18.50/0.728	F810	5	1669A L	
<b>Thrust</b>									
	59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L	<b>2T1644</b> Std.
<i>Note : Set contains four pieces. Required with 5M1644/5M1668A main sets.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1986cc (2.0) (CN) Diesel</b>		<b>L5</b>	<b>76.5mm x 86mm</b>	<b>Connecting Rod 33ft.lbs/44Nm</b>					
<b>1986cc (2.0) (CN) Diesel</b>	<b>G</b>	<b>L5</b>	<b>76.5mm x 86mm</b>	<b>Main Bearing 47ft.lbs/63Nm</b>					
<b>1986cc (2.0) (DE) Turbo Diesel</b>	<b>H</b>	<b>L5</b>	<b>76.5mm x 86mm</b>						
<b>Rod</b>									
	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F810	10	1606A IH	<b>5B1606A</b> Std. .25 .50 .75 1.0
<b>Main - For engines 1979-85 equipped with thrustwashers.</b>									
1-6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	12	1604 U/L	<b>6M1604</b> Std. .25 .50 .75
<b>Main - for 1979 engines with flanged thrust main bearings only.</b>									
1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	10	1604 U/L	<b>6M1605</b> Std. .25 .50 .75
3 (FI)	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	24.93/0.982	F780	2	1605 U/L	
<b>Thrust</b>									
	59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L	<b>2T1644</b> Std.
<i>Note : Set includes four pieces. Required with 5M1604 main set.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>2144cc (2.2) (WE)</b>		<b>L5</b>	<b>79.5mm x 86.4mm</b>	<b>Connecting Rod 36 ft.lbs/50 Nm</b>					
<b>2144cc (2.2) (WE)</b>	<b>B</b>	<b>L5</b>	<b>79.5mm x 86.4mm</b>	<b>Main Bearing 47 ft.lbs/64 Nm</b>					
<b>2144cc (2.2) (WK) Turbo</b>		<b>L5</b>	<b>79.5mm x 86.4mm</b>						
<b>2144cc (2.2) (WK) Turbo</b>	<b>C</b>	<b>L5</b>	<b>79.5mm x 86.4mm</b>						
<b>Rod</b>									
	45.949/1.8090 45.969/1.8098	49.000/1.9291 49.017/1.9298	1.506/0.0593	.019/.0007 .082/.0032	19.00/0.748	F780	10	1636 IH	<b>5B1636</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	10	1604 U/L	<b>6M1605</b> Std. .25 .50 .75
3 (FI)	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	24.93/0.982	F780	2	1605 U/L	
<b>Small End - single pieces, not bored.</b>									
	21.996/0.8660 22.000/0.8661	25.000/0.9843 25.033/0.9855			25.00/0.984	F100	1	RB4053	<b>RB4053</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>2144cc (2.2) (WD)</b>		<b>L5</b>	<b>79.5mm x 86.4mm</b>	<b>Connecting Rod 36 ft.lbs/50 Nm</b>					
<b>2144cc (2.2) (WD)</b>	<b>B</b>	<b>L5</b>	<b>79.5mm x 86.4mm</b>	<b>Main Bearing 47 ft.lbs/64 Nm</b>					
<b>2144cc (2.2) (WX) Turbo</b>	<b>C</b>	<b>L5</b>	<b>79.5mm x 86.4mm</b>						
<b>Rod</b>									
	45.949/1.8090 45.969/1.8098	49.000/1.9291 49.017/1.9298	1.506/0.0593	.019/.0007 .082/.0032	19.00/0.748	F780	10	1636 IH	<b>5B1636</b> Std. .25 .50 .75 1.0
<b>Main - engines from 1979-85.</b>									
1-6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	12	1604 U/L	<b>6M1604</b> Std. .25 .50 .75

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>7 (Cont'd.)</b>									
<b>6M1605</b> Std. .25 .50 .75	<b>Main - 1978 engines only.</b>								
	1,2,4,5, 6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	10	1604 U/L
	3 (FI)	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	24.93/0.982	F780	2	1605 U/L
<b>2T1644</b> Std.	<b>Thrust</b>								
		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
<i>Note : Set includes four pieces. Required with 5M1604 main set.</i>									
<b>RB4053</b> Semi	<b>Small End - single pieces, not bored.</b>								
		21.996/0.8660 22.000/0.8661	25.000/0.9843 25.033/0.9855			25.00/0.984	F100	1	RB4053

<b>8 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
2226cc (2.2) (3B) Turbo	E	L5	81mm x 86.4mm	<b>Connecting Rod 22 ft.lbs/30 Nm + 90 deg. Main Bearing 47 ft.lbs/64 Nm</b>
2226cc (2.2) (AAN) Turbo	A	L5	81mm x 86.4mm	
2226cc (2.2) (AAN) Turbo	P	L5	81mm x 86.4mm	
2226cc (2.2) (AAN) Turbo	R	L5	81mm x 86.4mm	
2226cc (2.2) (JT)	B	L5	81mm x 86.4mm	
2226cc (2.2) (KX)	A	L5	81mm x 86.4mm	
2226cc (2.2) (KX)	C	L5	81mm x 86.4mm	
2226cc (2.2) (KX)	D	L5	81mm x 86.4mm	
2226cc (2.2) (KX)	E	L5	81mm x 86.4mm	
2226cc (2.2) (KZ)	B	L5	81mm x 86.4mm	
2309cc (2.3) DOHC (7A)	E	L5	81mm x 86.4mm	
2309cc (2.3) (NF)	B	L5	81mm x 86.4mm	
2309cc (2.3) (NF)	C	L5	81mm x 86.4mm	
2309cc (2.3) (NG)	B	L5	81mm x 86.4mm	
2309cc (2.3) (NG)	C	L5	81mm x 86.4mm	
2309cc (2.3) (NG)	D	L5	81mm x 86.4mm	

<b>5B1606A</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F810	10	1606A IH
<b>6M1604</b> Std. .25 .50 .75	<b>Main</b>								
	1-6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	12	1604 U/L
<b>2T1644</b> Std.	<b>Thrust</b>								
		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
<i>Note : Set includes four pieces. Required with 5M1604 main set.</i>									

<b>9 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
2226cc (2.2) (MC) Turbo	C	L5	81mm x 86.4mm	<b>Connecting Rod 22 ft.lbs/30 Nm + 90 deg. Main Bearing 47 ft.lbs/64 Nm</b>
2226cc (2.2) (MC) Turbo	D	L5	81mm x 86.4mm	
2226cc (2.2) (MC) Turbo	E	L5	81mm x 86.4mm	

<b>5B1636</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		45.949/1.8090 45.969/1.8098	49.000/1.9291 49.017/1.9298	1.506/0.0593	.019/.0007 .082/.0032	19.00/0.748	F780	10	1636 IH
<b>6M1604</b> Std. .25 .50 .75	<b>Main</b>								
	1-6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	12	1604 U/L
<b>2T1644</b> Std.	<b>Thrust</b>								
		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
<i>Note : Set includes four pieces. Required with 5M1604 main set.</i>									

## AUSTIN ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
52 848cc (0.9).....			L4	59-78	1	65 1071cc (1.1).....			L4	63-65	2
948cc.....			L4	58-64	1	1098cc.....			L4	61-78	3
970cc.....			L4	63-65	2	67 1100cc (1.1).....			L4	61-78	2
61 997cc (1.0).....			L4	62-64	3	78 1275cc (1.3).....			L4	63-78	2
998cc.....			L4	61-78	3	1798cc (1.8).....			L4	66-78	4

## AUSTIN MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
AMERICA	78	1275	1.3		68-72	MARINA - GT		1798	1.8		73-75
HEALEY SPRITE	67	1100	1.1		63-66	MINI	52	848	0.9		60-66
	78	1275	1.3		67	MINI COOPER	61	997	1.0		62-64
HEALEY SPRITE - MK IV	78	1275	1.3		68-70		65	1071	1.1		64
MARINA		1798	1.8		73-75		78	1275	1.3		64-69

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
52 848cc (0.9)		L4	63mm x 68mm	Connecting Rod 35 ft.lbs/47 Nm	
948cc		L4	63mm x 76mm	Main Bearing 60-65 ft.lbs/81-88 Nm	

Rod	1
41.285/1.6254   44.971/1.7705   1.826/0.0719   .020/.0008   22.35/0.880   F780   8   2201 IH	4B2201 Std. 10 20 30 40
41.298/1.6259   44.983/1.7710	

Main	1,2,3	1
44.463/1.7505   48.158/1.8960   1.834/0.0722   .015/.0006   30.22/1.190   F780   6   2202 IH	3M2202 Std. 10 20 30 40	
44.475/1.7510   48.171/1.8965		

Thrust - heavy duty material.	2	1
49.911/1.9650   61.849/2.4350         2.36/0.093   F250   4   2202T U/L	2T2202 Std.	
50.165/1.9750   62.103/2.4450		

Note: Set includes four pieces, use on No. 2 position. Required with 3M2202 main set.

Cam	1	1
42.278/1.6645   45.606/1.7955   1.638/0.0645   .039/.0015   28.83/1.135   F23   1   4096	1C4096 Std.	
42.291/1.6650   45.631/1.7965		

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
970cc		L4	71mm x 62mm	Connecting Rod 35 ft.lbs/47 Nm	
65 1071cc (1.1)		L4	71mm x 68mm	Main Bearing 60 ft.lbs/81 Nm	
67 1100cc (1.1)		L4	64.5mm x 84mm		
78 1275cc (1.3)		L4	70.5mm x 81mm		

Rod - for engines with 1.6254/1.6259" standard journal.	1
41.285/1.6254   44.971/1.7705   1.826/0.0719   .020/.0008   22.35/0.880   F780   8   2201 IH	4B2201 Std. 10 20 30 40
41.298/1.6259   44.983/1.7710	

Rod - for engines with 1.7504/1.7509" standard journal.	1
44.460/1.7504   48.146/1.8955   1.824/0.0718   .025/.0010   21.59/0.850   F780   8   2206 IH	4B2206 Std. 10 20 30 40
44.473/1.7509   48.158/1.8960	

Main	1,2,3	1
50.183/2.0005   54.508/2.1460   1.829/0.0720   .025/.0010   25.52/1.005   F780   6   2204 IH	3M2204 Std. 10 20 30 40	
50.825/2.0010   54.521/2.1465		

Thrust	2	1
56.260/2.2150   76.070/2.9949         2.36/0.093   F250   4   2204T U/L	2T2204 Std.	
56.510/2.2248   76.330/3.0051		

Note: Set includes four pieces, use on No. 2 position. Required with 3M2204 main set.

Cam - for all engines except 1098cc and 1275cc - 1964 on.	1	2	3	1
42.278/1.6645   45.606/1.7955   1.638/0.0645   .039/.0015   28.83/1.135   F23   1   4096	3C4095 Std.			
42.291/1.6650   45.631/1.7965				
41.217/1.6227   44.526/1.7530   1.628/0.0641   .041/.0016   19.30/0.760   F23   1   4094				
41.229/1.6232   44.552/1.7540				
34.867/1.3727   38.176/1.5030   1.628/0.0641   .041/.0016   13.74/0.541   F23   1   4095				
34.879/1.3732   38.202/1.5040				

# AUSTIN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 2 (Cont'd.)

<b>Cam - for 1098cc and 1275cc engines 1964 on.</b>									
3C4099 Std.	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.638/0.0645	.039/.0015 .127/.0050	28.83/1.135	F23	1	4096
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/0.0641	.041/.0016 .129/.0051	19.30/0.760	F23	1	4094
	3	34.867/1.3727 34.887/1.3735	38.189/1.5035 38.209/1.5043	1.641/0.0646	.020/.0008 .112/.0044	19.30/0.760	F23	1	4099

## 3 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
61 997cc (1.0) 998cc 1098cc		L4	62mm x 81mm	Connecting Rod 35 ft.lbs/47 Nm					
		L4	65mm x 76mm	Main Bearing 70-75 ft.lbs/95-101 Nm					
		L4	64.5mm x 84mm						

4B2201 Std. 10 20 30 40	<b>Rod</b>								
		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/0.0719	.020/.0008 .071/.0028	22.35/0.880	F780	8	2201 IH
3M2203 Std. 10 20 30 40 50	<b>Main</b>								
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/0.0720	.025/.0010 .076/.0030	27.10/1.067	F780	6	2203 IH
2T2203 Std.	<b>Thrust</b>								
	2	49.910/1.9650 50.160/1.9748	71.760/2.8252 72.010/2.8350			2.36/0.093	F250	4	2203T U/L
<i>Note: Set includes four pieces, use on No. 2 position. Required with 3M2203 main set.</i>									
3C4095 Std.	<b>Cam</b>								
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.638/0.0645	.039/.0015 .127/.0050	28.83/1.135	F23	1	4096
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/0.0641	.041/.0016 .129/.0051	19.30/0.760	F23	1	4094
	3	34.867/1.3727 34.879/1.3732	38.176/1.5030 38.202/1.5040	1.628/0.0641	.041/.0016 .129/.0051	13.74/0.541	F23	1	4095
RB843 Semi	<b>Small End - not bored.</b>								
		15.862/0.6245 15.875/0.6250	19.037/0.7495 19.062/0.7505			22.22/0.875	F100	1	RB843

## 4 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1798cc (1.8)		L4	80.2mm x 88.9mm	Connecting Rod 40-45 ft.lbs/54-61 Nm					
				Main Bearing 70 ft.lbs/95 Nm					

4B2250 Std. 10 20 30 40	<b>Rod</b>								
		47.648/1.8759 47.660/1.8764	51.333/2.0210 51.346/2.0215	1.816/0.0715	.041/.0016 .092/.0036	20.06/0.790	F780	8	2250 IH
5M2255 Std. 10 20 30	<b>Main</b>								
	1,3,5	54.013/2.1265 54.026/2.1270	57.683/2.2710 57.696/2.2715	1.816/0.0715	.025/.0010 .067/.0026	28.70/1.130	F820	6	2254AL IH
	2,4	54.013/2.1265 54.026/2.1270	57.683/2.2710 57.696/2.2715	1.816/0.0715	.025/.0010 .067/.0026	19.55/0.770	F820	4	2255AL IH
2T2252 Std.	<b>Thrust</b>								
	2	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.36/0.093	F1	4	2252T U/L
<i>Note: Set includes four pieces, use on No. 2 position. Required with 5M2255 main set.</i>									
3C4306 Std.	<b>Cam</b>								
	1	45.433/1.7887 45.446/1.7892	48.641/1.9150 48.666/1.9160	1.585/0.0624	.025/.0010 .076/.0030	37.57/1.479	F23	1	4306
	2	43.909/1.7287 43.922/1.7292	47.117/1.8550 47.142/1.8560	1.585/0.0624	.025/.0010 .076/.0030	28.83/1.135	F23	1	4307
	3	41.217/1.6227 41.229/1.6232	44.425/1.7490 44.450/1.7500	1.585/0.0624	.025/.0010 .076/.0030	20.89/0.822	F23	1	4308
RB4012 Semi	<b>Small End - not bored, single pieces.</b>								
		20.640/0.8126 (Nominal)	23.805/0.9372 23.825/0.9380			27.23/1.072	F100	1	RB4012

### BMW ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1796cc (1.8).....	M42B18 (M42)		L4	91-95	1	2788cc (2.8).....	F.I. (M30)		L6	79-81	3
1895cc (1.9).....	M44B19 (M44)		L4	96-99	1	2793cc (2.8).....	M52B28 (M52)		L6	96-00	2
152 2494cc (2.5)...			L6	68-71	3	2979cc (3.0).....	M54B30 (M54)		L6	01-05	4
152 2494cc (2.5)...	M20B25 (M20)		L6	87-93	2	2985cc (3.0).....			L6	71-76	3
152 2494cc (2.5)...	M50B25 (M50)		L6	91-95	2	2985cc (3.0).....	(M30)		L6	75-78	3
152 2494cc (2.5)...	M52B25 (M52)		L6	98-00	2	3210cc (3.2).....	(M30)		L6	78-84	3
152 2494cc (2.5)...	M54B25 (M54)		L6	01-06	2	3430cc (3.5).....	SOHC (M30)		L6	85-93	3
2693cc (2.7).....	M20B27 (M20)		L6	82-88	2	3453cc (3.5).....	DOHC (S38)		L6	87-88	3
2788cc (2.8).....	Carb.		L6	68-74	3						

### BMW MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
2.8 BAVARIA		2788	2.8	Carb.	71	330XI		2979	3.0	M54B30	01-05
2500	152	2494	2.5		68-71	525I	152	2494	2.5	M20B25	89-90
2800		2788	2.8	Carb.	68-74		152	2494	2.5	M50B25	91-95
2800CS		2788	2.8	Carb.	68-71		152	2494	2.5	M54B25	01-05
3.0CS		2985	3.0		71-74	525I - SPORT WAGON	152	2494	2.5	M54B25	01-03
3.0CSI		2985	3.0		71-74	525IT	152	2494	2.5	M50B25	93-95
3.0CSL		2985	3.0		71	528E		2693	2.7	M20B27	82-88
3.0S		2985	3.0		71-74	528I		2788	2.8	F.I.	79-81
3.0SI		2985	3.0		71-76			2793	2.8	M52B28	97-00
318I		1796	1.8	M42B18	91-95	528IT		2793	2.8	M52B28	99-00
		1895	1.9	M44B19	96-98	530I		2979	3.0	M54B30	01-05
318IC		1796	1.8	M42B18	91-95			2985	3.0		75-78
		1895	1.9	M44B19	96-97	533I		3210	3.2		83-84
318IS		1796	1.8	M42B18	91-95	535I		3430	3.5	SOHC	85-93
		1895	1.9	M44B19	96-97	535IS		3430	3.5	SOHC	88
318TI		1796	1.8	M42B18	95	630CSI		2985	3.0		77
		1895	1.9	M44B19	96-99	633CSI		3210	3.2		78-84
323CI	152	2494	2.5	M52B25	00	635CSI		3430	3.5	SOHC	85-89
323I	152	2494	2.5	M52B25	99-00	733I		3210	3.2		78-84
323I - SPORT WAGON	152	2494	2.5	M52B25	00	735I		3430	3.5	SOHC	85-92
323IC	152	2494	2.5	M52B25	98-99	735IL		3430	3.5	SOHC	88-92
323IS	152	2494	2.5	M52B25	98-99	BAVARIA		2985	3.0		72-74
325		2693	2.7	M20B27	87-88	L6		3430	3.5	SOHC	87
325CI	152	2494	2.5	M54B25	01-06	L7		3430	3.5	SOHC	86-87
325E		2693	2.7	M20B27	84-87	M5		3453	3.5	DOHC	88
325I	152	2494	2.5	M20B25	87-91	M6		3453	3.5	DOHC	87-88
	152	2494	2.5	M50B25	92-95	X3	152	2494	2.5	M54B25	04
	152	2494	2.5	M54B25	01-05			2979	3.0	M54B30	04
325I - SPORT WAGON	152	2494	2.5	M54B25	01-03	X3 - 2.5I	152	2494	2.5	M54B25	05
325IC	152	2494	2.5	M20B25	87-93	X3 - 3.0I		2979	3.0	M54B30	05
	152	2494	2.5	M50B25	94-95	X5		2979	3.0	M54B30	01-04
325IS	152	2494	2.5	M20B25	87-91	X5 - 3.0I		2979	3.0	M54B30	05
	152	2494	2.5	M50B25	92-95	Z3 - COUPE		2793	2.8	M52B28	99-00
325IX	152	2494	2.5	M20B25	88-91			2979	3.0	M54B30	01-02
325XI	152	2494	2.5	M54B25	01-05	Z3 - ROADSTER		1895	1.9	M44B19	96-98
325XI - SPORT WAGON	152	2494	2.5	M54B25	01-03		152	2494	2.5	M52B25	99-00
		2793	2.8	M52B28	00		152	2494	2.5	M54B25	01-02
328CI		2793	2.8	M52B28	96-00			2793	2.8	M52B28	97-00
328I		2793	2.8	M52B28	96-00			2979	3.0	M54B30	01-02
328IC		2793	2.8	M52B28	96-99	Z4 - ROADSTER	152	2494	2.5	M54B25	03-06
328IS		2793	2.8	M52B28	96-99			2979	3.0	M54B30	03-05
330CI		2979	3.0	M54B30	01-05						
330I		2979	3.0	M54B30	01-05						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
			L4	L4	84mm x 81mm	<b>Connecting Rod + 70 degrees</b> Stage 2 (1.8L engines)			
			L4	L4	85mm x 83.5mm	<b>Connecting Rod +20 deg + 70 deg</b> Stage 2 & 3 (1.9L engines)			
						<b>Connecting Rod 17 ft.lbs/23 Nm</b> Stage 1 (1.8L engines)			
						<b>Connecting Rod 48 INCH.lbs/5 Nm</b> Stage 1 (1.9L engines)			
						<b>Main Bearings 14-18 ft.lbs/19-24 Nm + 50 deg</b>			
<b>Rod</b>									
	44.975/1.7707	48.000/1.8898	1.493/0.0588	.023/0.0009	18.00/0.709	F780	8	1490	<b>4B1490</b>
	44.991/1.7713	48.016/1.8904	1.493/0.0588	.081/0.0032				IH	Std. .25 .50 .75 1.0

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>5M1538</b> Std. .25 .50	<b>Main</b>								
	1-5	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/0.0980	.030/.0012 .088/.0035	20.00/0.787	F780	9	1538 U/L
	4 (FI)	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/0.0980	.030/.0012 .088/.0035	24.94/0.982	F780	1	1539 U
	* DIMENSIONAL INFORMATION FOR 5M1538								
			Overall Width (Nominal)		Increase in Width				
0.25 mm u/size			30.14 mm		+0.20 mm				
0.50 mm u/size			30.34 mm		+0.40 mm				

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
152 2494cc (2.5) M20B25 (M20)	L6	84mm x 75mm	Connecting Rod 17 ft.lbs/23 Nm + 70 deg						
152 2494cc (2.5) M50B25 (M50)	L6	84mm x 75mm	Main Bearing (Aluminum Block) + 70 deg. Step 2 : 1991-98 engines						
152 2494cc (2.5) M52B25 (M52)	L6	84mm x 75mm	Main Bearing (Cast Iron Blocks) + 50 deg. Step 2 : 1991-98 engines						
152 2494cc (2.5) M54B25 (M54)	L6	84mm x 75mm	Main Bearing 15-18 ft.lbs/20-24 Nm Step 1 : 1991-98 engines						
2693cc (2.7) M20B27 (M20)	L6	84mm x 81mm	Main Bearing 44-49 ft.lbs/60-66 Nm 1987-90 engines						
2793cc (2.8) M52B28 (M52)	L6	84mm x 84mm							

<b>6B1490</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.493/0.0588	.023/.0009 .081/.0032	18.00/0.709	F780	12	1490 IH
	<b>Main - half groove mains with double tang on lower halves.</b>								
	<b>7M1532</b> Std. .25 .50	1,2,3,4, 5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/0.0980	.030/.0012 .088/.0035	20.00/0.787	F780	12
	6 (FI)	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/0.0980	.030/.0012 .088/.0035	24.94/0.982	F780	2	1539 U/L
* DIMENSIONAL INFORMATION FOR 7M1532									
			Overall Width (Nominal)		Increase in Width				
0.25 mm u/size			30.14 mm		+0.20 mm				
0.50 mm u/size			30.34 mm		+0.40 mm				
<b>7M1539</b> Std. .25 .50	<b>Main - full groove set with single tang on lower halves.</b>								
	1,2,3,4, 5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/0.0980	.030/.0012 .088/.0035	20.00/0.787	F780	12	1538 IH
	6 (FI)	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/0.0980	.030/.0012 .088/.0035	24.94/0.982	F780	2	1539 IH
	* DIMENSIONAL INFORMATION FOR 7M1539								
			Overall Width (Nominal)		Increase in Width				
0.25 mm u/size			30.14 mm		+0.20 mm				
0.50 mm u/size			30.34 mm		+0.40 mm				

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
152 2494cc (2.5)	L6	86mm x 72mm	Connecting Rod 38-41 ft.lbs/51-55 Nm						
2788cc (2.8) Carb.	L6	86mm x 80mm	Main Bearing 42-46 ft.lbs/56-62 Nm						
2788cc (2.8) F.I. (M30)	L6	86mm x 80mm							
2985cc (3.0)	L6	89mm x 80mm							
2985cc (3.0) (M30)	L6	89mm x 80mm							
3210cc (3.2) (M30)	L6	89mm x 86mm							
3430cc (3.5) SOHC (M30)	L6	92mm x 86mm							
3453cc (3.5) DOHC (S38)	L6	93.5mm x 84mm							

<b>6B1486</b> Std. .25 .50 .75 1.0	<b>Rod - for SOHC engines only.</b>								
		47.975/1.8888 47.991/1.8894	52.000/2.0472 52.010/2.0476	1.989/0.0783	.031/.0012 .073/.0029	20.00/0.787	F820	12	1486AL IH
<b>6B1506</b> Std. .25 .50	<b>Rod - for DOHC engines only.</b>								
		47.975/1.8888 47.991/1.8894	52.000/2.0472 52.014/2.0478	1.976/0.0778	.056/.0022 .113/.0044	20.00/0.787	F780	12	1506 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **3**

**Main - overflange length increases for undersizes. \*See below for dimensional information.**

1-3,5-7	59.969/2.3610	64.999/2.5590	2.490/0.0980	.029/.0011	24.00/0.945	F780	12	1507 IH
	59.990/2.3618	65.019/2.5598		.096/.0038				
4 (FI)	59.969/2.3610	64.999/2.5590	2.490/0.0980	.029/.0011	29.95/1.179	F780	2	1508 IH
	59.990/2.3618	65.019/2.5598		.096/.0038				

\* DIMENSIONAL INFORMATION FOR 7M1507

	Overall Width (Nominal)	Increase in Width
0.25mm u/s shaft	30.15 mm	+0.20 mm
0.50 mm u/s shaft	30.35 mm	+0.40 mm

**7M1507**  
Std. .25 .50

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
2979cc (3.0) M54B30 (M54)		L6	86mm x 72mm	

**4**

**Rod**

44.975/1.7707	48.000/1.8898	1.493/0.0588	.023/.0009	18.00/0.709	F780	12	1490 IH
44.991/1.7713	48.016/1.8904		.081/.0032				

**6B1490**  
Std. .25 .50 .75 1.0



**BUICK ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
112 (1.8)	OHC Pontiac Eng	0	L4	82-86	1	231 (3.8)	Series II	K	V6	95-05	11
112 (1.8)	OHV Chevrolet Eng.	G	L4	82-82	2	231 (3.8)	3800 MFI/TPI	L	V6	90-95	11
112 (1.8)	OHC Pontiac Eng, Turbo	J	L4	84-86	1	250 (4.1)	Chevrolet Eng.		L6	68-71	12
122 (2.0)	OHV Chevrolet Eng.	1	L4	87-89	2	250 (4.1)	Chevrolet Eng.	D	L6	73-75	12
122 (2.0)	OHV Chevrolet Eng.	B	L4	83-84	2	252 (4.1)		4	V6	80-84	9
122 (2.0)	OHC Pontiac Eng	K	L4	87-88	1	256 (4.2)	DOHC	S	L6	04-06	13
122 (2.0)	OHC Pontiac Eng, Turbo	M	L4	87-87	1	260 (4.3)	Oldsmobile Eng.	F	V8	75-76	14
122 (2.0)	OHV Chevrolet Eng.	P	L4	83-86	2	265 (4.3)	Pontiac Eng.	S	V8	80-81	16
134 (2.2)	OHV Chevrolet Eng.	4	L4	93-96	3	267 (4.4)	Chevrolet Eng.	J	V8	81-82	17
138 (2.3)	DOHC (Olds - Quad 4)	3	L4	92-94	4	301 (4.9)	Pontiac Eng.	W	V8	79-80	16
138 (2.3)	DOHC (Olds - Quad 4)	D	L4	88-95	4	301 (4.9)	Pontiac Eng.	Y	V8	77-79	16
146 (2.4)	DOHC (Olds - Quad 4)	T	L4	96-98	5	305 (5.0)	Chevrolet Eng.	E	V8	91-91	17
151 2474cc (2.5)	Pontiac Eng.	5	L4	80-83	6	305 (5.0)	Chevrolet Eng.	G	V8	79-79	17
151 2474cc (2.5)	Pontiac Eng.	R	L4	82-92	6	305 (5.0)	Chevrolet Eng.	H	V8	78-87	17
151 2474cc (2.5)	Pontiac Eng.	U	L4	85-91	6	305 (5.0)	Chevrolet Eng.	U	V8	77-78	17
173 (2.8)	Chevrolet Eng.	7	V6	80-80	7	307 (5.0)	Oldsmobile Eng.	Y	V8	80-90	14
173 (2.8)	Chevrolet Eng.	W	V6	85-89	7	340 (5.6)			V8	66-67	18
173 (2.8)	Chevrolet Eng.	X	V6	81-86	7	350 (5.7)			V8	68-71	18
173 (2.8)	Chevrolet Eng.	Z	V6	82-84	7	350 (5.7)	Chevrolet Eng.	7	V8	92-93	17
181 (3.0)		E	V6	82-85	9	350 (5.7)		B	V8	81-81	18
181 (3.0)		L	V6	85-88	9	350 (5.7)		H	V8	72-77	18
189 (3.1)	Chevrolet Eng.	J	V6	00-05	8	350 (5.7)		J	V8	72-77	18
189 (3.1)	Chevrolet Eng.	M	V6	94-99	8	350 (5.7)	Chevrolet Eng.	L	V8	77-79	17
189 (3.1)	Chevrolet Eng.	T	V6	89-93	8	350 (5.7)	Oldsmobile Eng., Diesel	N	V8	80-85	15
196 (3.2)		C	V6	78-79	9	350 (5.7)	Chevrolet Eng.	P	V8	94-96	17
204 (3.3)		N	V6	89-93	9	350 (5.7)	Oldsmobile Eng.	R	V8	77-80	14
215 (3.5)			V8	61-63	10	350 (5.7)		X	V8	78-80	18
225 (3.7)			V6	64-67	11	364 (6.0)			V8	57-61	19
231 (3.8)	3800 TPI, Supercharged	1	V6	92-95	11	400 (6.6)			V8	68-69	21
231 (3.8)	Series II, Supercharged	1	V6	96-05	11	400 (6.6)	Pontiac Eng.	S	V8	75-75	20
231 (3.8)		2	V6	78-79	9	401 (6.6)			V8	59-67	22
231 (3.8)		3	V6	84-88	9	403 (6.6)	Oldsmobile Eng.	K	V8	77-79	14
231 (3.8)	Turbo	3	V6	78-82	9	425 (7.0)			V8	63-66	22
231 (3.8)	Turbo	7	V6	86-87	9	430 (7.0)			V8	67-69	21
231 (3.8)	Turbo	8	V6	83-83	9	455 (7.5)			V8	70-74	21
231 (3.8)	Turbo	9	V6	84-85	9	455 (7.5)		P	V8	74-74	21
231 (3.8)	Even Fire	A	V6	77-87	9	455 (7.5)		R	V8	74-74	21
231 (3.8)		B	V6	86-86	9	455 (7.5)		T	V8	72-76	21
231 (3.8)	3800 MFI/TPI	C	V6	88-91	11	455 (7.5)		U	V8	71-74	21
231 (3.8)	Odd Fire	C	V6	75-77	11	455 (7.5)		V	V8	73-74	21
231 (3.8)	Turbo	G	V6	78-78	9	455 (7.5)		W	V8	72-74	21

**BUICK MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
APOLLO	250	4.1		Chevrolet Eng.	73-75	CENTURY - CUSTOM	350	5.7			75-77
	260	4.3		Oldsmobile Eng.	75		350	5.7		Chevrolet Eng.	77-79
	350	5.7			73-75		350	5.7		Oldsmobile Eng.	77
APOLLO - SR	250	4.1		Chevrolet Eng.	75	CENTURY - ESTATE WAGON	403	6.6		Oldsmobile Eng.	77
	260	4.3		Oldsmobile Eng.	75		151	2474	2.5	Pontiac Eng.	84-89
	350	5.7			75		173	2.8		Chevrolet Eng.	85-88
CENTURION	350	5.7			72-73	181	3.0			84-85	
	455	7.5			71-73	204	3.3			89	
	189	3.1		Chevrolet Eng.	03	231	3.8			84-88	
CENTURY	231	3.8			80	231	3.8		Even Fire	80-81	
	231	3.8		Even Fire	80-81	265	4.3		Pontiac Eng.	80-81	
	231	3.8		Odd Fire	75-77	301	4.9		Pontiac Eng.	80	
	265	4.3		Pontiac Eng.	80-81	305	5.0		Chevrolet Eng.	80	
	267	4.4		Chevrolet Eng.	81	350	5.7		Oldsmobile Eng.	81	
	301	4.9		Pontiac Eng.	80	CENTURY - LIMITED	134	2.2		OHV Chevrolet Eng.	93
	305	5.0		Chevrolet Eng.	77-81		151	2474	2.5	Pontiac Eng.	82-92
	350	5.7			73-77		173	2.8		Chevrolet Eng.	83-89
	350	5.7		Chevrolet Eng.	77		181	3.0			82-85
	350	5.7		Oldsmobile Eng.	77-81		189	3.1		Chevrolet Eng.	97-05
	364	6.0			57-58		196	3.2			78-79
	455	7.5			73-74		204	3.3			89-93
	CENTURY - CUSTOM	134	2.2		OHV Chevrolet Eng.		93-94	231	3.8		
151		2474	2.5	Pontiac Eng.	82-92		231	3.8		Even Fire	78-81
173		2.8		Chevrolet Eng.	83-89		265	4.3		Pontiac Eng.	80-81
181		3.0			82-85		267	4.4		Chevrolet Eng.	81
189		3.1		Chevrolet Eng.	94-05		301	4.9		Pontiac Eng.	79-80
196		3.2			78-79		305	5.0		Chevrolet Eng.	78-80
204		3.3			89-93	350	5.7		Oldsmobile Eng.	81	
231		3.8			79-88	CENTURY - LUXUS	350	5.7			73-74
231		3.8		Even Fire	78-79		455	7.5			73-74
231		3.8		Odd Fire	75-77		CENTURY - SPECIAL	134	2.2		OHV Chevrolet Eng.
301	4.9		Pontiac Eng.	79	151			2474	2.5	Pontiac Eng.	91-92
305	5.0		Chevrolet Eng.	77-79							

**BUICK MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
CENTURY - SPECIAL	189		3.1	Chevrolet Eng.	94-96	LESABRE	231		3.8	Series II	99
	196		3.2		78-79		252		4.1		80-81
	204		3.3		91-93		301		4.9	Pontiac Eng.	77-80
	231		3.8		79		305		5.0	Chevrolet Eng.	78
	231		3.8	Even Fire	78-79		307		5.0	Oldsmobile Eng.	81
	231		3.8	Odd Fire	75-77		340		5.6		66-67
	301		4.9	Pontiac Eng.	79		350		5.7		68-80
	305		5.0	Chevrolet Eng.	78-79		350		5.7	Oldsmobile Eng.	77-81
	350		5.7	Chevrolet Eng.	79		364		6.0		59-61
CENTURY - SPECIAL EDITION	189		3.1	Chevrolet Eng.	05		401		6.6		60-64
CENTURY - SPORT	196		3.2		78-79		403		6.6	Oldsmobile Eng.	77-78
	231		3.8		79-80		425		7.0		64
	231		3.8	Even Fire	78-80	LESABRE - CUSTOM	181		3.0		70-75
	301		4.9	Pontiac Eng.	79-80		231		3.8		86
	305		5.0	Chevrolet Eng.	78		231		3.8	3800 MFI/TPI	88-95
CENTURY - T-TYPE	181		3.0		83-84		231		3.8	Even Fire	78-85
	231		3.8		84-86		231		3.8	Odd Fire	77
ELECTRA	231		3.8		86		231		3.8	Series II	96-05
	401		6.6		59-66		252		4.1		82-84
	425		7.0		65-66		267		4.4	Chevrolet Eng.	82
	430		7.0		67		301		4.9	Pontiac Eng.	77-78
	455		7.5		73		305		5.0	Chevrolet Eng.	78
ELECTRA - 225	350		5.7		77-79		307		5.0	Oldsmobile Eng.	82-85
	350		5.7	Oldsmobile Eng.	77-79		350		5.7		68-78
	403		6.6	Oldsmobile Eng.	77-79		350		5.7	Oldsmobile Eng.	77-85
	430		7.0		68-69		400		6.6	Pontiac Eng.	75
	455		7.5		70-76		403		6.6	Oldsmobile Eng.	77-78
ELECTRA - 225 CUSTOM	430		7.0		68-69	LESABRE - ESTATE WAGON	301		4.9	Pontiac Eng.	80
	455		7.5		70-75		307		5.0	Oldsmobile Eng.	81-90
ELECTRA - 225 LIMITED	350		5.7		77		350		5.7		80
	350		5.7	Oldsmobile Eng.	77		350		5.7	Oldsmobile Eng.	80-85
	403		6.6	Oldsmobile Eng.	77	LESABRE - LIMITED	181		3.0		86
	455		7.5		74-75		231		3.8		86-88
ELECTRA - 300	181		3.0		85		231		3.8	3800 MFI/TPI	88-95
	231		3.8		85		231		3.8	Even Fire	79-85
ELECTRA - ESTATE WAGON	301		4.9	Pontiac Eng.	80		231		3.8	Series II	96-05
	307		5.0	Oldsmobile Eng.	81-89		252		4.1		80-84
	350		5.7		80		267		4.4	Chevrolet Eng.	82
	350		5.7	Oldsmobile Eng.	80-85		301		4.9	Pontiac Eng.	79-80
ELECTRA - LIMITED	231		3.8		87		307		5.0	Oldsmobile Eng.	81-85
	231		3.8	3800 MFI/TPI	88-90		350		5.7		79-80
	252		4.1		80-84		350		5.7	Oldsmobile Eng.	79-85
	307		5.0	Oldsmobile Eng.	81-84	LESABRE - LUXUS	350		5.7		74
	350		5.7		78-80		455		7.5		74
	350		5.7	Oldsmobile Eng.	78-83	LESABRE - SPORT LIMITED	231		3.8		78-80
	403		6.6	Oldsmobile Eng.	78-79		364		6.0		58
	455		7.5		76	PARK AVENUE	231		3.8	3800 MFI/TPI	91-94
ELECTRA - PARK AVENUE	231		3.8		85-87		231		3.8	Series II	95-05
	231		3.8	3800 MFI/TPI	88-90	PARK AVENUE - ULTRA	231		3.8	3800 MFI/TPI	91
	252		4.1		80-84		231		3.8	3800 TPI	92-95
	307		5.0	Oldsmobile Eng.	81-84		231		3.8	Series II	96-05
	350		5.7		78-81	RAINIER	256		4.2	DOHC	04-05
	350		5.7	Oldsmobile Eng.	78-83	RAINIER - CXL	256		4.2	DOHC	06
	403		6.6	Oldsmobile Eng.	78-79	REATTA	231		3.8	3800 MFI/TPI	88-91
ELECTRA - PARK AVENUE ULTRA	231		3.8	3800 MFI/TPI	90	REGAL	196		3.2		78-79
ELECTRA - T-TYPE	231		3.8		85-87		231		3.8		79
	231		3.8	3800 MFI/TPI	88-90		231		3.8	Even Fire	78-87
	231		3.8	3800 MFI/TPI	89		231		3.8	Odd Fire	75-77
ELECTRA - ULTRA ESTATE WAGON	231		3.8	3800 MFI/TPI	89		231		3.8	Series II	99-00
	350		5.7		70-79		252		4.1		82-84
	350		5.7	Oldsmobile Eng.	77-79		265		4.3	Pontiac Eng.	80-81
	403		6.6	Oldsmobile Eng.	77-79		267		4.4	Chevrolet Eng.	81-82
	455		7.5		70-76		301		4.9	Pontiac Eng.	79-80
GRAN SPORT	340		5.6		67		305		5.0	Chevrolet Eng.	77-87
	401		6.6		65-67		307		5.0	Oldsmobile Eng.	86-87
GS	350		5.7		70-72		350		5.7		73-77
GS 350	350		5.7		68-69		350		5.7	Chevrolet Eng.	77
GS 400	400		6.6		68-69		350		5.7	Oldsmobile Eng.	77-85
GS 455	455		7.5		70-72		455		7.5		73-74
INVICTA	401		6.6		59-63	REGAL - CUSTOM	173		2.8	Chevrolet Eng.	88-89
LESABRE	231		3.8		87-88		189		3.1	Chevrolet Eng.	89-96
	231		3.8	3800 MFI/TPI	88-91		231		3.8	3800 MFI/TPI	90-95
	231		3.8	Even Fire	77-81		231		3.8	Series II	96
	231		3.8	Odd Fire	76-77	REGAL - ESTATE WAGON	267		4.4	Chevrolet Eng.	82
							231		3.8	Even Fire	82-83

## BUICK MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
REGAL - ESTATE WAGON	252		4.1		82-83	SKYLARK	151	2474	2.5	Pontiac Eng.	80-91
	305		5.0	Chevrolet Eng.	82-83		250		4.1	Chevrolet Eng.	68-71
	350		5.7	Oldsmobile Eng.	82-83		173		2.8	Chevrolet Eng.	80-82
REGAL - GRAN SPORT	231		3.8	3800 MFI/TPI	92-95		189		3.1	Chevrolet Eng.	98
	231		3.8	Series II	96		204		3.3		91-92
REGAL - GRAND NATIONAL	231		3.8		84-87		225		3.7		64-67
REGAL - GS	231		3.8	Series II	97-04		231		3.8	Even Fire	78-79
REGAL - LIMITED	173		2.8	Chevrolet Eng.	88-89		231		3.8	Odd Fire	75-77
	189		3.1	Chevrolet Eng.	89-93		215		3.5		61-63
	196		3.2		78-79		260		4.3	Oldsmobile Eng.	75-76
	231		3.8		79-87		301		4.9	Pontiac Eng.	77
	231		3.8	3800 MFI/TPI	90-95		305		5.0	Chevrolet Eng.	77-79
	231		3.8	Even Fire	78-87		340		5.6		66-67
	231		3.8	Series II	96		350		5.7		68-76
	252		4.1		82-84		350		5.7	Chevrolet Eng.	77-79
	265		4.3	Pontiac Eng.	80-81		350		5.7	Oldsmobile Eng.	77
	267		4.4	Chevrolet Eng.	81-82		401		6.6		65-67
	301		4.9	Pontiac Eng.	79-80	SKYLARK - CUSTOM	138		2.3	DOHC (Olds - Quad 4)	88-95
	305		5.0	Chevrolet Eng.	78-87		146		2.4	DOHC (Olds - Quad 4)	96-97
	307		5.0	Oldsmobile Eng.	86-87		151	2474	2.5	Pontiac Eng.	83-91
	350		5.7	Oldsmobile Eng.	82-83		173		2.8	Chevrolet Eng.	83-85
REGAL - LS	231		3.8	Series II	97-04		181		3.0		86-88
REGAL - SPORT	231		3.8		78-82		189		3.1	Chevrolet Eng.	94-97
REGAL - T-TYPE	231		3.8		83-86		204		3.3		89-93
RIVIERA	231		3.8		80-87		231		3.8	Even Fire	78-79
	231		3.8	3800 MFI/TPI	88-93		305		5.0	Chevrolet Eng.	78-79
	231		3.8	3800 TPI	95		350		5.7		68-72
	231		3.8	Series II	95-99		350		5.7	Chevrolet Eng.	78-79
	252		4.1		81-84		400		6.6		68
	307		5.0	Oldsmobile Eng.	80-85		455		7.5		70-72
	350		5.7		77-78	SKYLARK - GRAN SPORT	138		2.3	DOHC (Olds - Quad 4)	90-95
	350		5.7	Oldsmobile Eng.	77-85		151	2474	2.5	Pontiac Eng.	90-91
	401		6.6		63-65		189		3.1	Chevrolet Eng.	94-97
	403		6.6	Oldsmobile Eng.	77-78		204		3.3		90-93
	425		7.0		63-66	SKYLARK - LIMITED	138		2.3	DOHC (Olds - Quad 4)	88-95
	430		7.0		67-69		146		2.4	DOHC (Olds - Quad 4)	96-97
	455		7.5		70-76		151	2474	2.5	Pontiac Eng.	80-89
RIVIERA - S	231		3.8		79-80		173		2.8	Chevrolet Eng.	80-85
	307		5.0	Oldsmobile Eng.	80		181		3.0		86-88
	350		5.7	Oldsmobile Eng.	79-80		189		3.1	Chevrolet Eng.	94-97
RIVIERA - T-TYPE	231		3.8		81-86		204		3.3		89-93
	252		4.1		81	SKYLARK - LUXURY EDITION	138		2.3	DOHC (Olds - Quad 4)	90-91
	307		5.0	Oldsmobile Eng.	81		151	2474	2.5	Pontiac Eng.	90-91
ROADMASTER	305		5.0	Chevrolet Eng.	91		204		3.3		90-91
	350		5.7	Chevrolet Eng.	92-96	SKYLARK - S	231		3.8	Even Fire	78-79
	364		6.0		57-58		231		3.8	Odd Fire	76-77
ROADMASTER - ESTATE	305		5.0	Chevrolet Eng.	91		260		4.3	Oldsmobile Eng.	76
	350		5.7	Chevrolet Eng.	92-95		301		4.9	Pontiac Eng.	77
ROADMASTER - LIMITED	350		5.7	Chevrolet Eng.	92-96		305		5.0	Chevrolet Eng.	77-79
ROADMASTER - LIMITED WAGON	350		5.7	Chevrolet Eng.	96		350		5.7		76
SKYHAWK	122		2.0	OHC Pontiac Eng	88		350		5.7	Oldsmobile Eng.	77
	122		2.0	OHV Chevrolet Eng.	88-89	SKYLARK - SPORT	151	2474	2.5	Pontiac Eng.	80-82
	231		3.8		78		173		2.8	Chevrolet Eng.	80-82
	231		3.8	Even Fire	78-80		231		3.8	Odd Fire	75-77
	231		3.8	Odd Fire	75-77		260		4.3	Oldsmobile Eng.	75-76
SKYHAWK - CUSTOM	112		1.8	OHC Pontiac Eng	82-86		301		4.9	Pontiac Eng.	77
	112		1.8	OHV Chevrolet Eng.	82	SKYLARK - SR	231		3.8	Odd Fire	75-77
	122		2.0	OHC Pontiac Eng	87		260		4.3	Oldsmobile Eng.	75-76
	122		2.0	OHV Chevrolet Eng.	83-87		301		4.9	Pontiac Eng.	77
SKYHAWK - LIMITED	112		1.8	OHC Pontiac Eng	82-86		305		5.0	Chevrolet Eng.	77
	112		1.8	OHV Chevrolet Eng.	82		350		5.7		75-76
	122		2.0	OHC Pontiac Eng	87		350		5.7	Chevrolet Eng.	77
	122		2.0	OHV Chevrolet Eng.	83-87		350		5.7	Oldsmobile Eng.	77
SKYHAWK - S	231		3.8	Even Fire	78-80	SKYLARK - T-TYPE	173		2.8	Chevrolet Eng.	83-84
	231		3.8	Odd Fire	76-77	SOMERSET	151	2474	2.5	Pontiac Eng.	86-87
SKYHAWK - SPORT	112		1.8	OHC Pontiac Eng	86		181		3.0		86-87
	122		2.0	OHC Pontiac Eng	87	SOMERSET - LIMITED	151	2474	2.5	Pontiac Eng.	86-87
	122		2.0	OHV Chevrolet Eng.	86-87		181		3.0		86-87
SKYHAWK - T-TYPE	112		1.8	OHC Pontiac Eng	83-86	SOMERSET - REGAL	151	2474	2.5	Pontiac Eng.	85
SKYLARK	138		2.3	DOHC (Olds - Quad 4)	91-92		181		3.0		85
	146		2.4	DOHC (Olds - Quad 4)	98	SOMERSET - REGAL LIMITED	151	2474	2.5	Pontiac Eng.	85
							181		3.0		85

**BUICK MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
SOMERSET - T-TYPE	151	2474	2.5	Pontiac Eng.	86	SPORTWAGON	400	6.6	6.6		68
	181		3.0		86		70				
SPECIAL	250	4.1	Chevrolet Eng.	68-69	SUPER	455	7.5	7.5			57-58
	225	3.7		64-67		401	6.6				63-66
	215	3.5		61-63		425	7.0				64-66
	350	5.7		68-69		430	7.0				67-69
	364	6.0		57-58		430	7.0				68-69
SPORTWAGON	225	3.7		64-65	WILDCAT - CUSTOM	430	7.0	7.0			68-69
	340	5.6		66-67		455	7.5				70
	350	5.7		68-72							

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
112 (1.8) OHC Pontiac Eng	0	L4	84.8mm x 79.5mm	Connecting Rod 39 ft.lbs/53 Nm					
112 (1.8) OHC Pontiac Eng Turbo	J	L4	84.8mm x 79.5mm	Main Bearing 57 ft.lbs/77 Nm					
122 (2.0) OHC Pontiac Eng	K	L4	86mm x 86mm						
122 (2.0) OHC Pontiac Eng Turbo	M	L4	86mm x 86mm						

Rod									4B2322A Std. .25 .50 .75 1.0
	48.971/1.9280	52.000/2.0472	1.500/0.0591	.013/.0005	19.30/0.760	F810	8	2322A U/L	
	48.987/1.9286	52.012/2.0477		.057/.0022					

Main - overflange length increases for undersizes. *See below for dimensional information.									5M1549P .25 .50 .75
1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	19.50/0.768	F780	8	2327 IH	
	57.995/2.2833	62.013/2.4415		.066/.0026					
3 (FI)	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	26.10/1.028	F780	2	2328 IH	
	57.995/2.2833	62.013/2.4415		.066/.0026					

**\* DIMENSIONAL INFORMATION FOR 5M1549P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.028"/26.10mm	+ .008"/0.20mm
0.50 mm u/s shaft	1.036"/26.30mm	+ .016"/0.40mm
0.75 mm u/s shaft	1.036"/26.30mm	+ .016"/0.40mm

Main - overflange length is standard for all sizes.									5M2329P Std. .25 .50 .75
1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	19.50/0.768	F780	8	2327 IH	
	57.995/2.2833	62.013/2.4415		.066/.0026					
3 (FI)	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	25.90/1.020	F780	2	2329 IH	
	57.995/2.2833	62.013/2.4415		.066/.0026					

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
112 (1.8) OHV Chevrolet Eng.	G	L4	3.50 x 2.91	Connecting Rod 34-40 ft.lbs/47-54 Nm (1.8L engines)					
122 (2.0) OHV Chevrolet Eng.	1	L4	3.50 x 3.15	Connecting Rod 34-43 ft.lbs/47-58 Nm (2.0L engines)					
122 (2.0) OHV Chevrolet Eng.	B	L4	3.50 x 3.15	Main Bearing 63-74 ft.lbs/85-101 Nm (1.8L engines)					
122 (2.0) OHV Chevrolet Eng.	P	L4	3.50 x 3.15	Main Bearing 63-77 ft.lbs/85-105 Nm (2.0L engines)					

Rod									4B745P Std. 01 10 20 30 40
	50.775/1.9990	53.967/2.1247	1.577/0.0621	.013/.0005	21.38/0.842	F780	8	2370 IH	
	50.800/2.0000	53.980/2.1252		.077/.0030					

Main - 112(1.8L) engine, 1982 only.									5M1524P Std. .25 .50 .75
1,2,3	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	6	7123 IH	
	63.383/2.4954	68.273/2.6879		.093/.0037					
4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7162 IH	
	63.383/2.4954	68.273/2.6879		.093/.0037					
5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	20.95/0.825	F780	2	7125 U/L	
	63.383/2.4954	68.273/2.6879		.093/.0037					

Overflange length remains constant for standard and undersizes.

Main - 121B,P, (2.0L) engine, 1982-1986 only.									5M1567P Std. .25 .50 .75 1.0
1,2,3	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	6	7123 IH	
	63.383/2.4954	68.273/2.6880		.093/.0037					
4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7124 IH	
	63.383/2.4954	68.273/2.6880		.093/.0037					
5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	20.95/0.825	F780	2	7125 U/L	
	63.383/2.4954	68.273/2.6880		.093/.0037					

Overflange length remains constant for standard and undersizes.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 2 (Cont'd.)

<b>Main - 121,1 (2.0L) engine, 1987-1989 only.</b>									
<b>5M7124P</b> Std. .25 .50 .75 1.0	1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	8	7123 IH
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Cam</b>									
<b>5C1195S</b> Std.	1	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
	2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
	3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2

## 3 ENGINE

134 (2.2) OHV Chevrolet Eng.

VIN

CYL

Bore x Stroke

4

L4

88.9mm x 88mm

TORQUE SETTINGS

Connecting Rod 38 ft.lbs/52 Nm  
Main Bearing 70 ft.lbs/95 Nm

<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH
<b>5M7124P</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	8	7123 IH
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Cam</b>									
<b>5C1195S</b> Std.	1	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
	2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
	3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2

## 4 ENGINE

138 (2.3) DOHC (Olds - Quad 4)

VIN

CYL

Bore x Stroke

3

L4

3.62 x 3.35

TORQUE SETTINGS

Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn  
Main Bearing 15 ft.lbs/20 Nm + 90 deg turn

138 (2.3) DOHC (Olds - Quad 4)

D

L4

3.62 x 3.35

<b>4B1388P</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.973/1.8887 47.998/1.8897	51.166/2.0144 51.191/2.0154	1.580/0.0623	.013/.0005 .051/.0020	22.76/0.896	F780	8	8516 IH
<b>5M8511P</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	21.26/0.837	F780	8	8511 U/L
	3 (FI)	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	27.76/1.093	F780	2	8513 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M8514P</b> .25 .50 .75	<b>Main - Alt. set to 5M8511P with +0.004" overflange length increase. *See dimensional information below.</b>								
	1,2,4,5	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	21.26/0.837	F780	8	8511 U/L
	3 (FI)	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.502/0.0985 (@ 0.25 u/s)	.013/.0005 .077/.0030	27.86/1.097	F780	2	8514 U/L
<b>* DIMENSIONAL INFORMATION FOR 5M8514P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				0.25 mm u/s shaft		1.097" +0.004"			
				0.50 mm u/s shaft		1.097" +0.004"			
				0.75 mm u/s shaft		1.097" +0.004"			

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>									<b>5</b>	
<b>146 (2.4) DOHC (Olds - Quad 4)</b>			<b>T</b>	<b>L4</b>	<b>3.543 x 3.700</b>	<b>TORQUE SETTINGS</b>				
						<b>Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn</b>				
						<b>Main Bearing 15 ft.lbs/20 Nm + 90 deg turn</b>				
<b>Rod</b>										
	47.973/1.8887 47.998/1.8897	51.173/2.0147 51.186/2.0152	1.581/0.0622	.013/.0005 .077/.0030	18.30/0.720	F780	8	8520 IH	<b>4B1647P</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1,2,4,5	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L	<b>5M2056P</b> Std. .25 .50 .75 1.0	
3 (FI)	60.000/2.3622 60.023/2.3631	67.778/2.6684 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.74/1.092	F780	2	8518 U/L		
<b>Main - Alternate set to 5M2056P with +0.25mm overflange length increase. *See below for dimensional information.</b>										
1,2,4,5	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L	<b>5M8525P</b> .25 .50 .75 1.0	
3 (FI)	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.99/1.102	F780	2	8525 U/L		
<b>* DIMENSIONAL INFORMATION FOR 5M8525P</b>										
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
					0.25mm u/s shaft	27.99 mm	+0.25 mm			
					0.50mm u/s shaft	27.99 mm	+0.25 mm			
					0.75mm u/s shaft	27.99 mm	+0.25 mm			
					1.00mm u/s shaft	27.99 mm	+0.25 mm			

<b>ENGINE</b>									<b>6</b>
<b>151 2474cc (2.5) Pontiac Eng.</b>			<b>5</b>	<b>L4</b>	<b>4.00 x 3.00</b>	<b>TORQUE SETTINGS</b>			
<b>151 2474cc (2.5) Pontiac Eng.</b>			<b>R</b>	<b>L4</b>	<b>4.00 x 3.00</b>	<b>Connecting Rod 30 ft.lbs/41 Nm (except crossflow)</b>			
<b>151 2474cc (2.5) Pontiac Eng.</b>			<b>U</b>	<b>L4</b>	<b>4.00 x 3.00</b>	<b>Connecting Rod 32 ft.lbs/44 Nm (crossflow)</b>			
						<b>Main Bearing 65 ft.lbs/88 Nm (except crossflow)</b>			
						<b>Main Bearing 70 ft.lbs/95 Nm (crossflow)</b>			
<b>Rod - High Strength Aluminum Silicon material.</b>									
	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	8	2226A IH	<b>4B610A</b> Std. 10 20 30 40
<b>Rod - .002" oversize back version of 4B610A.</b>									
	50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH	<b>4B610AO/S2</b> 10 20 30 40
<b>Rod - To be superseded by 4B610A when stock exhausted.</b>									
	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	8	2226 IH	<b>4B610P</b> Std. 01 10 20 30 40
<b>Rod - To be superseded by 4B610AO/S2 when stock exhausted.</b>									
	50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/s)	.015/.0006 .067/.0026	18.84/0.742	F780	8	9070 IH	<b>4B610PO/S2</b> 10 20 30 40
<b>Main - for VIN U engines only.</b>									
1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7132 U	<b>5M1643P</b> Std. 10 20 30 40
1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7157 L	
5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	23.93/0.942	F780	2	7159 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - for VIN 5 &amp; VIN R engines only.</b>									
1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L	<b>5M1733P</b> Std. 01 10 20 30 40
5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>									

# BUICK



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>6 (Cont'd.)</b>										
<b>5M7152P</b> 10 20 30 40	<b>Main - Alt set to 5M1733P with +0.010" overflange length increase. * See below for dimensional information.</b>									
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L	
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.88/1.019	F780	2	7152 U/L	
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 5M7152P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
		.010" u/s shaft		1.019"	+0.010"					
		.020" u/s shaft		1.019"	+0.010"					
		.030" u/s shaft		1.019"	+0.010"					
		.040" u/s shaft		1.019"	+0.010"					
<b>5M7163P</b> 10 20 30 40	<b>Main - Alternate set to 5M1643P with +.010" overflange length increase. * See below for dimensional information.</b>									
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7132 U	
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7157 L	
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	24.18/0.952	F780	2	7163 U/L	
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 5M7163P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
		.010" u/s shaft		0.952"	+0.010"					
		.020" u/s shaft		0.952"	+0.010"					
		.030" u/s shaft		0.952"	+0.010"					
	.040" u/s shaft		0.952"	+0.010"						
<b>3C1030S</b> Std.	<b>Cam - for VIN 5 &amp; VIN R engines only.</b>									
	1,2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0644		21.97/0.865	F23	3	CH-5-3	
<b>3C1305S</b> Std.	<b>Cam - for VIN U engines only.</b>									
	1,2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0644		18.16/0.715	F23	3	CH-20-1	
<b>7 ENGINE</b>										
	<b>173 (2.8) Chevrolet Eng.</b>	<b>7</b>	<b>V6</b>	<b>3.50 x 2.99</b>	<b>TORQUE SETTINGS</b>					
	<b>173 (2.8) Chevrolet Eng.</b>	<b>W</b>	<b>V6</b>	<b>3.50 x 2.99</b>	<b>Connecting Rod 34-40 ft.lbs/47-54 Nm</b>					
	<b>173 (2.8) Chevrolet Eng.</b>	<b>X</b>	<b>V6</b>	<b>3.50 x 2.99</b>	<b>Main Bearing 63-74 ft.lbs/85-101 Nm</b>					
	<b>173 (2.8) Chevrolet Eng.</b>	<b>Z</b>	<b>V6</b>	<b>3.50 x 2.99</b>						
<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>									
		50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A	
<b>6B1238AO/S2</b> 10 20 30 40	<b>Rod - .002" Oversize OD version of 6B1238A.</b>									
		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 7**
**Main - alt. to 4M1494P with +0.010" overflange length increase for undersizes. \* See below for dimensional information.**

1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.64/0.970	F780	2	7117
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	18.85/0.742	F780	2	7118
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.18/0.952	F780	2	7129
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	31.70/1.248	F780	2	7120
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1493P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	0.952"	+0.010"
.020" u/s shaft	0.952"	+0.010"
.030" u/s shaft	0.952"	+0.010"
.040" u/s shaft	0.952"	+0.010"

**Main - 1980-85 engines with 63.3 mm small journal design.**

1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.64/0.970	F780	2	7117
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	18.85/0.742	F780	2	7118
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	23.93/0.942	F780	2	7119
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	31.70/1.248	F780	2	7120
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L

*Overflange length remains constant for standard and undersizes.*
**Main - 1985-90 engines with 67.2 mm large journal design.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	24.80/0.976	F810	4	7237A
	67.264/2.6482	72.174/2.8415		.109/.0043				U/L
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	18.75/0.738	F810	2	7238A
	67.264/2.6482	72.174/2.8415		.109/.0043				U/L
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	23.93/0.942	F810	2	7239A
	67.264/2.6482	72.174/2.8415		.109/.0043				U/L

*Overflange length remains constant for standard and undersizes.*
**Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010	24.80/0.976	F780	4	7237
	67.264/2.6482	72.174/2.8415		.102/.0040				U/L
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010	18.75/0.738	F780	2	7238
	67.264/2.6482	72.174/2.8415		.102/.0040				U/L
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010	24.18/0.952	F780	2	7122
	67.264/2.6482	72.174/2.8415		.102/.0040				U/L

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110						
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010						
4	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110						

**4M1493P**  
10 20 30 40

**4M1494P**  
Std. 10 20 30 40

**4M2037A**  
Std. .25 .50 .75 1.0

**4M7122P**  
.25 .50 .75 1.0

**4C1102S**  
Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>7 (Cont'd.)</b>									
<b>4C1102SW</b> Std.	<b>Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.</b>								
	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
<b>8 ENGINE</b>									
<b>189 (3.1) Chevrolet Eng.</b>		<b>J</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>TORQUE SETTINGS</b>				
<b>189 (3.1) Chevrolet Eng.</b>		<b>M</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Connecting Rod 39 ft.lbs/53 Nm</b>				
<b>189 (3.1) Chevrolet Eng.</b>		<b>T</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Main Bearing 70 ft.lbs/95 Nm</b>				
<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A
<b>6B1238AO/S2</b> 10 20 30 40	<b>Rod - .002" Oversize OD version of 6B1238A.</b>								
		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH
<b>4M2037A</b> Std. .25 .50 .75 1.0	<b>Main - Excl. VIN M</b>								
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
	3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4M7122P</b> .25 .50 .75 1.0	<b>Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
	3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M7122P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				0.25 mm u/s shaft		0.952"			
				0.50 mm u/s shaft		0.952"			
				0.75 mm u/s shaft		0.952"			
				1.00 mm u/s shaft		0.952"			
<b>Main - VIN M - High Strength Aluminum Silicon material.</b>									
<b>4M7189A</b> Std. .25 .50 .75 1.0	1,4	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			24.80/0.976	F810	4	7187A U/L
	2,3(L)	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			18.75/0.738	F810	3	7188A U/L
	3 (FI)	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			23.93/0.942	F810	1	7189A U
<b>4C1102S</b> Std.	<b>Cam</b>								
	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 8**
**Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102SW</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>181 (3.0)</b>	<b>E</b>	<b>V6</b>	<b>3.80 x 2.66</b>	<b>Connecting Rod 20 ft.lbs/27 Nm +50 deg</b> (204 engines) <b>Connecting Rod 40 ft.lbs/54 Nm</b> (181, 196, 231, 252 engines) <b>Main Bearing 110 ft.lbs/150 Nm</b> (181, 196, 231, 252 engines) <b>Main Bearing 26 ft.lbs/35 Nm + 50 deg</b> (204 engines)
<b>181 (3.0)</b>	<b>L</b>	<b>V6</b>	<b>3.80 x 2.66</b>	
<b>196 (3.2)</b>	<b>C</b>	<b>V6</b>	<b>3.50 x 3.40</b>	
<b>204 (3.3)</b>	<b>N</b>	<b>V6</b>	<b>3.70 x 3.16</b>	
<b>231 (3.8)</b>	<b>2</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8)</b>	<b>3</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8) Turbo</b>	<b>3</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8) Turbo</b>	<b>7</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8) Turbo</b>	<b>8</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8) Turbo</b>	<b>9</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8) Even Fire</b>	<b>A</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8)</b>	<b>B</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>231 (3.8) Turbo</b>	<b>G</b>	<b>V6</b>	<b>3.80 x 3.40</b>	
<b>252 (4.1)</b>	<b>4</b>	<b>V6</b>	<b>3.97 x 3.40</b>	

**Rod - .660" wide bearing for 181, 196, (89-90) 204, (77-88) 231 Type A (even fire), 231 Turbo and 252 engines.**

57.117/2.2487	60.295/2.3738	1.572/0.0619	.014/.0006	16.76/0.660	F780	12	2360
57.137/2.2495	60.312/2.3745		.077/.0030				IH

**6B1228P**  
Std. 01 10 20 30 40

**Rod - .002" Oversize OD version of 6B1228P.**

57.117/2.2487	60.346/2.3758	1.724/0.0679	.005/.0002	16.76/0.660	F780	12	9071
57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.078/.0031				IH

**6B1228PO/S2**  
10 20 30 40

**Rod - for 1991-93 204 Type N engines only.**

57.117/2.2487	60.300/2.3740	1.570/0.0618	.023/.0009	18.30/0.720	F780	12	2306
57.137/2.2495	60.312/2.3745		.081/.0032				IH

**6B1443P**  
Std. 10 20 30 40

**Rod - .002" Oversize OD version of 6B1443P.**

57.117/2.2487	60.351/2.3760	1.722/0.0678	.024/.0009	18.30/0.720	F780	12	9046
57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.082/.0032				IH

**6B1443PO/S2**  
10 20 30 40

**Main - alt. set to 4M960P with +0.020" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	<b>4M1688P</b> 10 20 30
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L	

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1688P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.078"	+0.020"
.020" u/s shaft	1.078"	+0.020"
.030" u/s shaft	1.078"	+0.020"

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>9 (Cont'd.)</b>									
<b>Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes.* See below for dimensional information.</b>									
<b>4M1690P</b> 20 30	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1690P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		.020" u/s shaft		1.098"	+0.040"				
		.030" u/s shaft		1.098"	+0.040"				
<b>Main - alt. set to 4M960P with +0.010" overflange length increase for undersizes.* See below for dimensional information.</b>									
<b>4M1747P</b> 10 20 40	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1747P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		.010" u/s shaft		1.068"	+0.010"				
		.020" u/s shaft		1.068"	+0.010"				
		.040" u/s shaft		1.068"	+0.010"				
<b>Main - half groove, standard oil clearance for (1991-93) 204 engines.</b>									
<b>4M1822P</b> Std. 10 20 30 40	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302 L
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302 U
	2 (FI)	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303 U/L
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305 L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - alt. set to 4M1822P with +0.010" overflange length increase for undersizes.* See below for dimensional information.</b>									
<b>4M9022P</b> 10 20 30 40	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302 L
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302 U
	2 (FI)	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	27.13/1.068	F780	2	9022 U/L
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305 L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M9022P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		.010" u/s shaft		1.068"	+0.010"				
		.020" u/s shaft		1.068"	+0.010"				
		.030" u/s shaft		1.068"	+0.010"				
		.040" u/s shaft		1.068"	+0.010"				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 9**
**Main - half groove, standard oil clearance for all engines (204 : 1989-90 only). Set includes modified upper rear main bearing.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015	<b>4M960P</b> Std. 01 10 20 30 40
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016	
	63.500/2.5000	68.275/2.6880		.096/.0038				L	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019	
	63.500/2.5000	68.275/2.6880		.096/.0038				U	
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	26.87/1.058	F780	2	9017	
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	

*Overflange length remains constant for standard and undersizes.*
**Cam - grooved O/D on #1 bush - alt. to 4C1031S.**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642		19.18/0.755	F23	1	B-11-1B	<b>4C1031BS</b> Std.
	45.364/1.7860	48.705/1.9175							
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	3	B-9-2	
	45.364/1.7860	48.705/1.9175							

**Cam - 1975-1985 engines with 14 bolt oil pan.**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642		19.18/0.755	F23	1	B-11-1	<b>4C1031S</b> Std.
	45.364/1.7860	48.705/1.9175							
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	3	B-9-2	
	45.364/1.7860	48.705/1.9175							

**Cam - Performance version for 1985-93 engines with 20 bolt oil pan.**

1,4	45.339/1.7850	49.162/1.9355	1.890/0.0744		19.18/0.755		2	BP-13-1	<b>4C1246C</b> Std.
	45.364/1.7860	49.213/1.9375						BP-9-2	

**Cam - 1985-93 engines with 20 bolt oil pan.**

1,4	45.339/1.7850	49.162/1.9355	1.890/0.0743		19.18/0.755	F23	2	B-13-1	<b>4C1246S</b> Std.
	45.364/1.7860	49.213/1.9375							
2,3	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	2	B-9-2	
	45.364/1.7860	48.705/1.9175							

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**215 (3.5)**
**V8 3.50 x 2.80**
**Connecting Rod 30-45 ft.lbs/41-61 Nm**
**10**
**Rod**

50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	16	2226A	<b>8B610A</b> Std. 10 20 30 40
50.813/2.0005	53.980/2.1252		.066/.0026				IH	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**225 (3.7)**
**V6 3.75 x 3.40**
**Connecting Rod 20 ft.lbs + 50deg/27 Nm + 50deg (for all 231 engines 1988-on)**
**231 (3.8) 3800 TPI Supercharged**
**1 V6 3.80 x 3.40**
**Connecting Rod 30-40 ft.lbs/41-54 Nm (1964-67 engines)**
**231 (3.8) Series II Supercharged**
**1 V6 3.80 x 3.40**
**Connecting Rod 40 ft.lbs/54 Nm (1975-77 engines)**
**231 (3.8) 3800 MFI/TPI**
**C V6 3.80 x 3.40**
**Main Bearing 110 ft.lbs/156 Nm (1975-77 VIN C engines)**
**231 (3.8) Odd Fire**
**C V6 3.80 x 3.40**
**Main Bearing 26 ft.lbs + 45deg / 35 Nm + 45deg (1990-95 Vin L engines)**
**231 (3.8) Series II**
**K V6 3.80 x 3.40**
**Main Bearing 26 ft.lbs + 50deg / 35 Nm +50deg (1992-99 VIN 1 & K engines)**
**231 (3.8) 3800 MFI/TPI**
**L V6 3.80 x 3.40**
**Main Bearing 65-70 ft.lbs/88-95 Nm (1964 225 engines)**
**Main Bearing 90 ft.lbs/121 Nm (1988-91 VIN C engines)**
**Main Bearing 95-120 ft.lbs/129-162 Nm (1965-67 225 engines)**
**11**
**Rod - .660" wide bearing for 1988-90 231 Type C engines.**

57.117/2.2487	60.295/2.3738	1.572/0.0619	.014/.0006	16.76/0.660	F780	12	2360	<b>6B1228P</b> Std. 01 10 20 30 40
57.137/2.2495	60.312/2.3745		.077/.0030				IH	

**Rod - .002" Oversize OD version of 6B1228P.**

57.117/2.2487	60.346/2.3758	1.724/0.0679	.005/.0002	16.76/0.660	F780	12	9071	<b>6B1228PO/S2</b> 10 20 30 40
57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.078/.0031				IH	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>11 (Cont'd.)</b>									
<b>Rod - for 1990 on 231 Type K,L,1 engines and 1991 231 Type C engines only.</b>									
<b>6B1443P</b> Std. 10 20 30 40		57.117/2.2487	60.300/2.3740	1.570/0.0618	.023/.0009	18.30/0.720	F780	12	2306
		57.137/2.2495	60.312/2.3745		.081/.0032				IH
<b>Rod - .002" Oversize OD version of 6B1443P.</b>									
<b>6B1443PO/S2</b> 10 20 30 40		57.117/2.2487	60.351/2.3760	1.722/0.0678	.024/.0009	18.30/0.720	F780	12	9046
		57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.082/.0032				IH
<b>Rod - for 1964-67 225 engines and 1975-77 231 Type C (odd fire) engines only.</b>									
<b>6B610A</b> Std. 10 20 30 40		50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	12	2226A
		50.813/2.0005	53.980/2.1252		.066/.0026				IH
<b>Rod - To be superseded by 6B610A when stock exhausted.</b>									
<b>6B610P</b> Std. 01 10 20 30 40		50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F780	12	2226
		50.813/2.0005	53.980/2.1252		.066/.0026				IH
<b>Main - Alt. set to 4M960P with +0.020" overflange length increase for undersizes.* See below for dimensional information.</b>									
<b>4M1688P</b> 10 20 30	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016
		63.500/2.5000	68.275/2.6880		.096/.0038				L
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019
		63.500/2.5000	68.275/2.6880		.096/.0038				U
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.38/1.078	F780	2	9018	
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1688P</b>									
<b>Overall Width (Nominal)      Increase in Width</b>									
.010" u/s shaft                      1.078"                      +0.020"									
.020" u/s shaft                      1.078"                      +0.020"									
.030" u/s shaft                      1.078"                      +0.020"									
<b>Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes.* See below for dimensional information.</b>									
<b>4M1690P</b> 20 30	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019
		63.500/2.5000	68.275/2.6880		.096/.0038				U
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016
		63.500/2.5000	68.275/2.6880		.096/.0038				L
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.89/1.098	F780	2	9024	
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1690P</b>									
<b>Overall Width (Nominal)      Increase in Width</b>									
.020" u/s shaft                      1.098"                      +0.040"									
.030" u/s shaft                      1.098"                      +0.040"									
<b>Main - Alt. set to 4M960P with +0.010" overflange length increase for undersizes.* See dimensional information below.</b>									
<b>4M1747P</b> 10 20 40	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016
		63.500/2.5000	68.275/2.6880		.096/.0038				L
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019
		63.500/2.5000	68.275/2.6880		.096/.0038				U
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.13/1.068	F780	2	9020	
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1747P</b>									
<b>Overall Width (Nominal)      Increase in Width</b>									
.010" u/s shaft                      1.068"                      +0.010"									
.020" u/s shaft                      1.068"                      +0.010"									
.040" u/s shaft                      1.068"                      +0.010"									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 11**
**Main - half groove, standard oil clearance for 1990-93 Type L engines, 1992-93 Type 1 and 1991 Type C engines only.**

1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302
	63.495/2.4998	68.275/2.6880						L
1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302
	63.495/2.4998	68.275/2.6880						U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303
	63.495/2.4998	68.275/2.6880						U/L
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305
	63.495/2.4998	68.275/2.6880						L

*Overflange length remains constant for standard and undersizes.*
**Main - for 1994 231 Type L & 1 engines.**

1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302
	63.495/2.4998	68.275/2.6880						L
1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302
	63.495/2.4998	68.275/2.6880						U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303
	63.495/2.4998	68.275/2.6880						U/L
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2309
	63.495/2.4998	68.275/2.6880						L

*Overflange length remains constant for standard and undersizes.*
**Main - for 1995 on 231 engines.**

1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2299
	63.495/2.4998	68.275/2.6880						L
1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302
	63.495/2.4998	68.275/2.6880						U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303
	63.495/2.4998	68.275/2.6880						U/L
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2309
	63.495/2.4998	68.275/2.6880						L

*Overflange length remains constant for standard and undersizes.*
**Main - alt. set to 4M1822P with +0.010" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302
	63.495/2.4998	68.275/2.6880						L
1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302
	63.495/2.4998	68.275/2.6880						U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	27.13/1.068	F780	2	9022
	63.495/2.4998	68.275/2.6880						U/L
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305
	63.495/2.4998	68.275/2.6880						L

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M9022P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.030" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

**Main - half groove, standard oil clearance for 1975-77 & 1988-90 Type C and 1964-67 225 engines only. Set includes modified upper rear main bearing.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015
	63.500/2.5000	68.275/2.6880						U/L
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016
	63.500/2.5000	68.275/2.6880						L
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019
	63.500/2.5000	68.275/2.6880						U
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	26.87/1.058	F780	2	9017
	63.500/2.5000	68.275/2.6880						U/L

*Overflange length remains constant for standard and undersizes.*
**4M1822P**  
Std. 10 20 30 40

**4M2021P**  
Std. 10 20 30 40

**4M2022P**  
Std. 10 20 30 40

**4M9022P**  
10 20 30 40

**4M960P**  
Std. 01 10 20 30 40



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>11 (Cont'd.)</b>									
<b>4C1031BS</b> Std.	<b>Cam - grooved O/D on #1 bush - alt. to 4C1031S.</b>								
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1B
	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	3	B-9-2
<b>4C1031S</b> Std.	<b>Cam - 231 Type C engines, 1975-1977.</b>								
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1
	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	3	B-9-2
<b>4C1246C</b> Std.	<b>Cam - Performance version for all engines 1988-95.</b>								
	1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.890/0.0744		19.18/0.755		2	BP-13-1 BP-9-2
<b>4C1246S</b> Std.	<b>Cam - for all engines 1988-95.</b>								
	1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.890/0.0743		19.18/0.755	F23	2	B-13-1
	2,3	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	2	B-9-2
<b>4C1812S</b> Std.	<b>Cam - for all engines 1996 on (Full round design).</b>								
	1,4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.711/1.9965	1.882/0.0741		18.92/0.745	F23	2	B-14-1
	2,3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.228/1.9775	1.628/0.0641		16.00/0.630	F23	2	B-14-2
<b>4C506S</b> Std.	<b>Cam - 225 engines, 1964-1967</b>								
	1	44.577/1.7550 44.602/1.7560	47.892/1.8855 47.943/1.8875	1.631/0.0642		19.18/0.755	F23	1	B-6-1
	2	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.181/1.8575	1.631/0.0642		19.18/0.755	F23	1	B-4-3
	3	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.419/1.8275	1.631/0.0642		19.18/0.755	F23	1	B-4-4
	4	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.657/1.7975	1.631/0.0642		19.18/0.755	F23	1	B-4-5
<b>4C5108</b> Std. 10	<b>Cam - for all engines 1996 on (OE split type design).</b>								
	1,4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.737/1.9975	1.870/0.0736	.053/.0021 .165/.0065	19.00/0.748	F250	2	5108
	2,3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.229/1.9775	1.613/0.0635	.059/.0023 .171/.0067	15.75/0.620	F250	2	5109
<b>1SC19549</b> Std. 10	<b>Cam Tower - Repair Insert for 1988-94 231 engines.</b>								
	2,3	45.339/1.7850 45.364/1.7860	49.836/1.9620 49.861/1.9630	2.230/0.0878	.012/.0005 .088/.0035	15.75/0.620	F250	1	19549
<b>1SC19580</b> Std. 10	<b>Cam Tower - Repair Insert for 1988-94 231 engines.</b>								
	1,4	45.339/1.7850 54.364/2.1403	49.836/1.9620 49.861/1.9630	2.230/0.0878	.012/.0005 .088/.0035	19.00/0.748	F250	1	19580
<b>1SC19581</b> Std. 10	<b>Cam Tower - Repair Insert for 1995 on 231 engines.</b>								
	1,4	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.179/0.0858	.032/.0013 .118/.0046	19.00/0.748	F250	1	19581
<b>1SC19582</b> Std. 10	<b>Cam Tower - Repair Insert for 1995 on 231 engines.</b>								
	2,3	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.176/0.0857	.038/.0015 .124/.0049	15.75/0.620	F250	1	19582
<b>RB4106</b> Semi	<b>Small End - for 231 engines 1995 on (Exc. supercharged engines).</b>								
		21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.500/0.0591	.007/.0003 .022/.0009	21.20/0.835	F100	1	RB4106
	<i>Bore allowance on the ID.</i>								
<b>RB4106-R</b> Ream	<b>Small End - for 231 engines 1995 on (Exc. supercharged engines).</b>								
		21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.360/0.0535		21.20/0.835	F100	1	RB4106-R
	<i>Ream allowance on the ID.</i>								

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>										
<b>250 (4.1) Chevrolet Eng.</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>12</b>
<b>250 (4.1) Chevrolet Eng.</b>			<b>D</b>	<b>L6</b>	<b>3.88 x 3.53</b>	<b>Connecting Rod 35-45 ft.lbs/48-61 Nm</b> <b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>				
<b>Rod</b>										
	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	12	2370 IH	<b>6B745P</b> Std. 01 10 20 30 40	
<b>Main</b>										
1-6	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	12	7132 U/L	<b>7M617P</b> Std. 10 20 30 40	
7 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L		
<b>Cam - engines 1968-1970.</b>										
1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	2	CH-5-2	<b>4C399S</b> Std.	
2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3		
<b>Cam - engines 1971-75.</b>										
1,2,3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	4	CH-5-3	<b>4C718S</b> Std.	
<b>ENGINE</b>										
<b>256 (4.2) DOHC</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>13</b>
<b>256 (4.2) DOHC</b>			<b>S</b>	<b>L6</b>	<b>93.04 mm x 102 mm</b>	<b>Connecting Rod 18 ft.lbs + 110 deg</b> <b>Main Bearing 18 ft.lbs + 180 deg</b>				
<b>Rod</b>										
	56.691/2.2319 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.798/0.0708	.011/.0004 .059/.0023	20.75/0.817	F810	12	2290A IH	<b>6B2290A</b> Std. .25 .50 .75 1.0	
<b>Rod - .002" oversize OD version of 6B2290A.</b>										
	56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ .25mm u/s)	.011/.0004 .059/.0023	20.75/0.817	F810	12	9102A IH	<b>6B2290A/S2</b> .25 .50 .75 1.0	
<b>Main</b>										
1,2,3,4,6,7	69.967/2.7546 69.982/2.7552	78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	20.68/0.814	F820	12	MB3781P U/L	<b>7M2224A</b> Std. 10 20	
5 (FI)	69.967/2.7546 69.982/2.7552	78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	25.35/0.998	F820	2	MB3782P U/L		
<b>Small End</b>										
	22.997/0.9054 23.000/0.9055	25.857/1.0180	1.372/0.0540		23.75/0.935	F100	1	223-3664	<b>AB3664</b> Semi	
<b>ENGINE</b>										
<b>260 (4.3) Oldsmobile Eng.</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>14</b>
<b>307 (5.0) Oldsmobile Eng.</b>			<b>Y</b>	<b>V8</b>	<b>3.50 x 3.39</b>	<b>Connecting Rod 42 ft.lbs/57 Nm</b>				
<b>350 (5.7) Oldsmobile Eng.</b>			<b>R</b>	<b>V8</b>	<b>4.06 x 3.39</b>	<b>Main Bearing 120 ft.lbs/163 Nm (rear bearing cap)</b>				
<b>403 (6.6) Oldsmobile Eng.</b>			<b>K</b>	<b>V8</b>	<b>3.50 x 3.39</b>	<b>Main Bearing 80 ft.lbs/108 Nm (except rear bearing cap)</b>				
<b>Rod</b>										
	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH	<b>8B684P</b> Std. 10 20 30 40	
<b>Rod - .002" oversize OD version of 8B684P.</b>										
	53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH	<b>8B684PO/S2</b> 10 20 30 40	
<b>Main</b>										
1(L)	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L	<b>5M805P</b> Std. 10 20 30 40	
1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH		
3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.35/1.195	F780	2	8503 IH		
5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L		
<i>Overflange length remains constant for standard and undersizes.</i>										

# BUICK



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>14 (Cont'd.)</b>									
<b>5M8603P</b> 10 20 30 40	<b>Main - optional set to 5M805P with overflange length increase for undersizes. * See below for dimensional information.</b>								
	1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L
	1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH
	3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.61/1.205	F780	2	8603 IH
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8603P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.010" u/s shaft	1.205"	+0.010"			
				.020" u/s shaft	1.205"	+0.010"			
				.030" u/s shaft	1.205"	+0.010"			
				.040" u/s shaft	1.205"	+0.010"			
<b>5C1088S</b> Std.	<b>Cam - engines 1977 on.</b>								
	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5	
<b>5C638S</b> Std.	<b>Cam - for 1975-1976 engines.</b>								
	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-6-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5	
<b>RB3049YA20</b> Semi	<b>Small End - for 307 engines only.</b>								
		24.933/0.9816 (Finish ID Bore Size)	27.534/1.0840 (Nominal)			23.37/0.920	F100	1	3049YA20
<b>15 ENGINE</b>									
<b>350 (5.7) Oldsmobile Eng. Diesel</b>			<b>VIN N</b>	<b>CYL V8</b>	<b>Bore x Stroke 4.06 x 3.39</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 42 ft.lbs/57 Nm</b>			
						<b>Main Bearing 120 ft.lbs/163 Nm</b>			
<b>8B684P</b> Std. 10 20 30 40	<b>Rod</b>								
		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH
<b>8B684PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B684P.</b>								
		53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **15**

**Main**

1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8507
	76.208/3.0003	81.001/3.1890						
1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8512
	76.208/3.0003	81.001/3.1890						
2,4	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	4	8512
	76.208/3.0003	81.001/3.1890						
3 (FI)	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	30.38/1.196	F780	2	8508
	76.208/3.0003	81.001/3.1890						
5	76.175/2.9990	80.975/3.1880	2.377/0.0936	.013/.0005	41.28/1.625	F780	2	8509
	76.200/3.0000	81.001/3.1890						

**5M804P**  
Std. 10 20 30 40

Overflange length remains constant for standard and undersizes.

**Main - optional set to 5M804P with .010" overflange length increase for undersizes. \* See below for dimensional information.**

1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8507
	76.208/3.0003	81.001/3.1890						
1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8512
	76.208/3.0003	81.001/3.1890						
2,4	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	4	8512
	76.208/3.0003	81.001/3.1890						
3 (FI)	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	30.63/1.206	F780	2	8519
	76.208/3.0003	81.001/3.1890						
5	76.175/2.9990	80.975/3.1880	2.377/0.0936	.013/.0005	41.28/1.625	F780	2	8509
	76.200/3.0000	81.001/3.1890						

**5M8519P**  
20 30 40

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M8519P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.206"	+0.010"
.030" u/s shaft	1.206"	+0.010"
.040" u/s shaft	1.206"	+0.010"

**Cam**

1	51.707/2.0357	55.067/2.1680	1.640/0.0646		17.60/0.693	F23	1	O-7-1
	51.727/2.0365	55.105/2.1695						
2	51.199/2.0157	54.560/2.1480	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	51.219/2.0165	54.597/2.1495						
3	50.691/1.9957	54.051/2.1280	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	50.711/1.9965	54.090/2.1295						
4	50.183/1.9757	53.543/2.1080	1.640/0.0646		17.60/0.693	F23	1	O-6-4
	50.203/1.9765	53.581/2.1095						
5	49.675/1.9557	53.035/2.0880	1.640/0.0646		17.60/0.693	F23	1	O-6-5
	49.695/1.9565	53.073/2.0895						

**5C1088S**  
Std.

**Small End**

	30.353/1.1950	1.575/0.0620		24.77/0.975	F100	1	02495
	30.391/1.1965						

**AB02495**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
265 (4.3) Pontiac Eng.	S	V8	3.75 x 3.00	Connecting Rod 35 ft.lbs/48 Nm
301 (4.9) Pontiac Eng.	W	V8	4.00 x 3.00	Main Bearing 100 ft.lbs/136 Nm (rear bearing cap)
301 (4.9) Pontiac Eng.	Y	V8	4.00 x 3.00	Main Bearing 70 ft.lbs/95 Nm (except rear bearing cap)

**16**

**Rod - .002" oversize OD version of 8B610A (2 sets required per engine).**

	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F810	8	9070A
	50.813/2.0005	54.031/2.1272	(@ .010" u/size)	.067/.0026				IH

**4B610AO/S2**  
10 20 30 40

**Rod**

	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	16	2226A
	50.813/2.0005	53.980/2.1252		.066/.0026				IH

**8B610A**  
Std. 10 20 30 40

# BUICK



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>16 (Cont'd.)</b>										
<b>5M1415P</b> Std. 10 20 30 40	<b>Main</b>									
	1,2,3	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/0.0935	.012/.0005 .089/.0035	21.97/0.865	F780	6	7134 U/L	
	4 (FI)	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/0.0935	.012/.0005 .089/.0035	26.87/1.058	F780	2	7135 U/L	
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .089/.0035	40.38/1.590	F780	2	7136 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5C292S</b> Std.	<b>Cam</b>									
	1-5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/0.0646		17.40/0.685	F23	5	P-3-2	
<b>17 ENGINE</b>										
	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>						
<b>267 (4.4) Chevrolet Eng.</b>	<b>J</b>	<b>V8</b>	<b>3.50 x 3.48</b>	<b>Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)</b>						
<b>305 (5.0) Chevrolet Eng.</b>	<b>E</b>	<b>V8</b>	<b>3.74 x 3.48</b>	<b>Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)</b>						
<b>305 (5.0) Chevrolet Eng.</b>	<b>G</b>	<b>V8</b>	<b>3.74 x 3.48</b>	<b>Main Bearing 75 ft.lbs/102 Nm</b>						
<b>305 (5.0) Chevrolet Eng.</b>	<b>H</b>	<b>V8</b>	<b>3.74 x 3.48</b>							
<b>305 (5.0) Chevrolet Eng.</b>	<b>U</b>	<b>V8</b>	<b>3.74 x 3.48</b>							
<b>350 (5.7) Chevrolet Eng.</b>	<b>7</b>	<b>V8</b>	<b>4.00 x 3.48</b>							
<b>350 (5.7) Chevrolet Eng.</b>	<b>L</b>	<b>V8</b>	<b>4.00 x 3.48</b>							
<b>350 (5.7) Chevrolet Eng.</b>	<b>P</b>	<b>V8</b>	<b>4.00 x 3.48</b>							
<b>8B663A</b> Std. 01 10 20 30 40	<b>Rod</b>									
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	16	2376A	
	<b>Rod -.002" oversize OD version of 8B663A.</b>									
	<b>8B663AO/S2</b> 10 20 30 40		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH
		<b>Rod</b>								
<b>8B663P</b> Std. 01 10 20 30 40 50 60		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH	
	<b>Rod -.002" oversize OD version of 8B663P.</b>									
<b>8B663PO/S2</b> 10 20 30 40		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH	
	<b>Main - Alt set to 5M909P with +0.020" overflange length increase for undersizes. *See below for dimensional information.</b>									
<b>5M1626P</b> 10 20 30 40 50 60	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L	
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L	
	<b>* DIMENSIONAL INFORMATION FOR 5M1626P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				.010" u/s shaft	1.738"	+0.020"				
				.020" u/s shaft	1.738"	+0.020"				
				.030" u/s shaft	1.738"	+0.020"				
				.040" u/s shaft	1.738"	+0.020"				
				.050" u/s shaft	1.738"	+0.020"				
				.060" u/s shaft	1.738"	+0.020"				
<b>5M1683P</b> 20 30 40	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L	
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	1.76/0.069	F780	2	2355 U/L	
	<b>* DIMENSIONAL INFORMATION FOR 5M1683P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				.020" u/s shaft	1.758"	+0.040"				
				.030" u/s shaft	1.758"	+0.040"				
				.040" u/s shaft	1.758"	+0.040"				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **17**

**Main - Alt set to 5M909P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.89/1.728	F780	2	2365 U/L

**5M1744P**  
10 20 30 40 50 60

**\* DIMENSIONAL INFORMATION FOR 5M1744P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.728"	+0.010"
.020" u/s shaft	1.728"	+0.010"
.030" u/s shaft	1.728"	+0.010"
.040" u/s shaft	1.728"	+0.010"
.050" u/s shaft	1.728"	+0.010"
.060" u/s shaft	1.728"	+0.010"

**Main - half groove. Standard oil clearance.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F810	8	2377A U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L

**5M909A**  
Std. 01 10 20 30 40

Overflange length remains constant for standard and undersizes.

**Main**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L

**5M909P**  
Std. 01 10 20 30 40 50 60

Overflange length remains constant for standard and undersizes.

**Cam - Single piece from 5C3349C set (#1 cam).**

	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
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**1C3349C**  
Std.

**Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536
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**5C004AS**  
Std.

**Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537
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**5C004BS**  
Std.

**Cam - standard housing bores.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3

**5C290S**  
Std.

**Cam - standard housing bores (High Performance).**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346

**5C3349C**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
340 (5.6)		V8	3.75 x 3.85	Connecting Rod 30-40 ft.lbs/41-54 Nm (340 engine only)
350 (5.7)		V8	3.80 x 3.85	Connecting Rod 35 ft.lbs/48 Nm (350 engine only)
350 (5.7)	B	V8	3.80 x 3.85	Main Bearing 95 ft.lbs/129 Nm (350 engine only)
350 (5.7)	H	V8	3.80 x 3.85	Main Bearing 95-120 ft.lbs/129-163 Nm (340 engine only)
350 (5.7)	J	V8	3.80 x 3.85	
350 (5.7)	X	V8	3.80 x 3.85	

**18**

**Rod - .002" oversize OD version of 8B610A (2 sets required per engine).**

	50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH
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**4B610AO/S2**  
10 20 30 40

# BUICK



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>18 (Cont'd.)</b>									
<b>4B610PO/S2</b> 10 20 30 40	<b>Rod - To be superseded by 4B610AO/S2 when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/s)	.015/.0006 .067/.0026	18.84/0.742	F780	8	9070 IH
<b>8B610A</b> Std. 10 20 30 40	<b>Rod</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	16	2226A IH
<b>8B610P</b> Std. 01 10 20 30 40	<b>Rod - To be superseded by 8B610A when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	16	2226 IH
<b>5M1457P</b> Std. 10 20 30	<b>Main - half groove, standard oil clearance.</b>								
	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	6	7134 U/L
	3 (FI)	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	26.87/1.058	F780	2	7135 U/L
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	2	7137 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5M7177P</b> 10 20 30 40	<b>Main - Alternate set to 5M1457P with +0.004" overflange length increase. * See dimensional information below.</b>								
	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.374/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	6	7134 U/L
	3 (FI)	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.374/0.0935	.020/.0008 .097/.0038	26.97/1.062	F780	2	7177 U/L
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.374/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	2	7137 U/L
	<i>To be discontinued when stock exhausted.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M7177P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				1.062"		+0.004"			
				1.062"		+0.004"			
				1.062"		+0.004"			
				1.062"		+0.004"			
<b>5C680S</b> Std.	<b>Cam - 350 B/H/J/X engines, 1968-1981.</b>								
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1
	2-5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	4	B-9-2

<b>19 ENGINE</b> 364 (6.0)	<b>VIN</b>	<b>CYL</b> V8	<b>Bore x Stroke</b> 4.125 x 3.40	<b>TORQUE SETTINGS</b>					
				<b>Connecting Rod 40-45 ft.lbs/54-60 Nm Main Bearing 100-110 ft.lbs/136-150 Nm</b>					
<b>8B762P</b> Std. 10 20 30	<b>Rod</b>								
		57.125/2.2490 57.150/2.2500	60.300/2.3740 60.312/2.3745	1.572/0.0619	.018/.0007 .081/.0032	20.98/0.826	F780	16	2350 IH
<b>5C361S</b> Std.	<b>Cam</b>								
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.704/1.9175	1.633/0.0643		19.20/0.755	F23	1	B-4-1
	2	44.577/1.7550 44.602/1.7560	47.892/1.8855 47.942/1.8875	1.631/0.0642		19.20/0.755	F23	1	B-6-1
	3	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.180/1.8575	1.633/0.0643		19.20/0.755	F23	1	B-4-3
	4	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.418/1.8275	1.633/0.0643		19.20/0.755	F23	1	B-4-4
	5	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.656/1.7975	1.633/0.0643		19.20/0.755	F23	1	B-4-5



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>20</b>
400 (6.6) Pontiac Eng.		S	V8	4.12 x 3.75	<b>Connecting Rod 45 ft.lbs/61 Nm</b> <b>Main Bearing 120 ft.lbs/163 Nm</b> (rear bearing cap) <b>Main Bearing 95 ft.lbs/129 Nm</b> (except rear bearing cap)					

Rod									
	57.117/2.2487 57.142/2.2497	60.312/2.3745 60.325/2.3750	1.572/0.0619	.026/.0010 .090/.0035	22.37/0.881	F780	16	7140 IH	<b>8B758P</b> Std. 10 20 30 40
<b>Main - Alt set to 5M496P with +0.010" overflange length increase. * See below for dimensional information.</b>									
1,2,3	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	23.82/0.938	F780	6	7138 U/L	<b>5M2496P</b> 10 20 30 40
4 (FI)	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.009/.0004 .086/.0034	29.10/1.146	F780	2	7149 U/L	
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	40.38/1.590	F780	2	7136 U/L	

To be discontinued when stock exhausted.

* DIMENSIONAL INFORMATION FOR 5M2496P		
	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.146"	+0.010"
.020" u/s shaft	1.146"	+0.010"
.030" u/s shaft	1.146"	+0.010"
.040" u/s shaft	1.146"	+0.010"

Main									
1,2,3	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	23.82/0.938	F780	6	7138 U/L	<b>5M496P</b> Std. 10 20 30 40
4 (FI)	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.009/.0004 .086/.0034	28.85/1.136	F780	2	7139 U/L	
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	40.38/1.590	F780	2	7136 U/L	

Overflange length remains constant for standard and undersizes.

Cam									
1-5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/0.0646		17.40/0.685	F23	5	P-3-2	<b>5C292S</b> Std.

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>21</b>
400 (6.6)			V8	4.04 x 3.90	<b>Connecting Rod 40-50 ft.lbs/54-68 Nm</b> (400,430 engines only)					
430 (7.0)			V8	4.19 x 3.90	<b>Connecting Rod 45 ft.lbs/61 Nm</b> (455 engine only)					
455 (7.5)			V8	4.31 x 3.90	<b>Main Bearing 110 ft.lbs/150 Nm</b> (455 engine only)					
455 (7.5)		P	V8	4.31 x 3.90	<b>Main Bearing 80-115 ft.lbs/108-156 Nm</b> (400,430 engines only)					
455 (7.5)		R	V8	4.31 x 3.90						
455 (7.5)		T	V8	4.31 x 3.90						
455 (7.5)		U	V8	4.31 x 3.90						
455 (7.5)		V	V8	4.31 x 3.90						
455 (7.5)		W	V8	4.31 x 3.90						

Rod									
	57.125/2.2490 57.150/2.2500	60.300/2.3740 60.312/2.3745	1.572/0.0619	.018/.0007 .081/.0032	20.98/0.826	F780	16	2350 IH	<b>8B762P</b> Std. 10 20 30
<b>Main - Alternate set to 5M908P with +0.010" overflange length increase. * See below for dimensional information.</b>									
1,2,4	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.351/3.4390	2.380/0.0937	.028/.0011 .091/.0036	20.50/0.807	F780	6	7173 U/L	<b>5M7185P</b> 20 30 40
3 (FI)	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.351/3.4390	2.380/0.0937	.028/.0011 .091/.0036	27.12/1.068	F780	2	7185 U/L	
5	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.351/3.4390	2.380/0.0937	.028/.0011 .091/.0036	29.16/1.148	F780	2	7174 U/L	

Stock not available from fee warehouses.

* DIMENSIONAL INFORMATION FOR 5M7185P		
	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.068"	+0.010"
.030" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

# BUICK



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>21 (Cont'd.)</b>									
<b>5M908P</b> Std. 10 20 30	<b>Main - half groove, standard oil clearance.</b>								
	1,2,4	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.351/3.4390	2.380/0.0937	.028/.0011 .091/.0036	20.50/0.807	F780	6	7173 U/L
	3 (FI)	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.351/3.4390	2.380/0.0937	.028/.0011 .091/.0036	26.87/1.058	F780	2	7175 U/L
	5	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.351/3.4390	2.380/0.0937	.028/.0011 .091/.0036	29.16/1.148	F780	2	7174 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
	<b>Cam</b>								
<b>5C680S</b> Std.	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1
	2-5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	4	B-9-2
<b>22 ENGINE</b>									
<b>401 (6.6)</b>		<b>VIN</b>		<b>CYL</b>		<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>	
<b>425 (7.0)</b>				<b>V8</b>		<b>4.19 x 3.64</b>		<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b> (1959-64 engines only)	
				<b>V8</b>		<b>4.31 x 3.64</b>		<b>Connecting Rod 40-50 ft.lbs/54-68 Nm</b> (1965-66 engines only)	
								<b>Main Bearing 100-110 ft.lbs/135-150 Nm</b> (1959-64 engines only)	
								<b>Main Bearing 95-120 ft.lbs/128-162 Nm</b> (1965-66 engines only)	
<b>8B762P</b> Std. 10 20 30	<b>Rod</b>								
		57.125/2.2490 57.150/2.2500	60.300/2.3740 60.312/2.3745	1.572/0.0619	.018/.0007 .081/.0032	20.98/0.826	F780	16	2350 IH
<b>5C361S</b> Std.	<b>Cam</b>								
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.704/1.9175	1.633/0.0643		19.20/0.755	F23	1	B-4-1
	2	44.577/1.7550 44.602/1.7560	47.892/1.8855 47.942/1.8875	1.631/0.0642		19.20/0.755	F23	1	B-6-1
	3	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.180/1.8575	1.633/0.0643		19.20/0.755	F23	1	B-4-3
	4	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.418/1.8275	1.633/0.0643		19.20/0.755	F23	1	B-4-4
	5	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.656/1.7975	1.633/0.0643		19.20/0.755	F23	1	B-4-5

**CADILLAC ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
112 (1.8).....	Chevrolet Eng.	G	L4	82-82	1	350 (5.7).....	Oldsmobile Eng.	8	V8	80-80	10
122 (2.0).....	OHV Chevrolet Eng.	P	L4	83-86	1	350 (5.7).....	Oldsmobile Eng.	B	V8	78-79	10
173 (2.8).....	Chevrolet Eng.	W	V6	85-88	2	350 (5.7).....	Oldsmobile Eng., Diesel	N	V8	78-85	9
250 (4.1).....	Aluminum Block	7	V8	87-88	3	350 (5.7).....	Chevrolet Eng.	P	V8	94-96	11
250 (4.1).....	Aluminum Block	8	V8	82-87	3	350 (5.7).....	Chevrolet Eng.	R	V8	99-00	11
252 (4.1).....	Buick Eng. (Even Fire)	4	V6	80-82	4	350 (5.7).....	Oldsmobile Eng.	R	V8	76-77	10
260 (4.3).....	Oldsmobile Eng., Diesel	T	V6	85-85	5	364 (6.0).....	Vortec 6000	N	V8	02-06	8
273 (4.5).....	Aluminum Block	3	V8	90-90	3	364 (6.0).....	Vortec 6000	U	V8	06-06	8
273 (4.5).....	Aluminum Block	5	V8	88-90	3	368 (6.0).....		6	V8	80-84	12
273 (4.5).....	Aluminum Block	8	V8	89-92	3	368 (6.0).....		9	V8	80-84	12
300 (4.9).....	Aluminum Block	B	V8	91-95	3	425 (7.0).....		S	V8	77-79	12
305 (5.0).....	Chevrolet Eng.	E	V8	91-92	6	425 (7.0).....		T	V8	77-79	12
307 (5.0).....	Oldsmobile Eng.	9	V8	87-90	7	472 (7.7).....			V8	68-71	12
307 (5.0).....	Oldsmobile Eng.	Y	V8	86-90	7	472 (7.7).....		R	V8	72-74	12
325 (5.3).....	Vortec 5300	T	V8	02-05	8	500 (8.2).....			V8	70-71	12
346 (5.7).....		S	V8	04-05	8	500 (8.2).....		S	V8	72-76	12
350 (5.7).....	Chevrolet Eng.	7	V8	90-93	11						

**CADILLAC MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ALLANTE	250		4.1	Aluminum Block	87-88	FLEETWOOD	250		4.1	Aluminum Block	85-87
	273		4.5	Aluminum Block	89-92		273		4.5	Aluminum Block	88-90
CALAIS	472		7.7		68-74		300		4.9	Aluminum Block	91-92
	500		8.2		75-76		350		5.7	Chevrolet Eng.	92-96
CIMARRON	112		1.8	Chevrolet Eng.	82		368		6.0		80-84
	122		2.0	OHV Chevrolet Eng.	83-86		425		7.0		77-79
	173		2.8	Chevrolet Eng.	85-88		472		7.7		68-74
COMMERCIAL CHASSIS	368		6.0		80-84	FLEETWOOD - 60 SPECIAL	500		8.2		76
	425		7.0		77-79		250		4.1	Aluminum Block	87
	500		8.2		75-76		273		4.5	Aluminum Block	88-90
CTS - V	346		5.7		04-05		300		4.9	Aluminum Block	91-93
	364		6.0	Vortec 6000	06		472		7.7		68-74
DEVILLE	252		4.1	Buick Eng. (Even Fire)	80-82		500		8.2		75-76
	260		4.3	Oldsmobile Eng.	85	FLEETWOOD - 60 SPECIAL BROUGHAM	500		8.2		74
	250		4.1	Aluminum Block	82-87	FLEETWOOD - 75	250		4.1	Aluminum Block	86
	273		4.5	Aluminum Block	88-90		472		7.7		68-74
	300		4.9	Aluminum Block	91-95		500		8.2		75-76
	350		5.7	Oldsmobile Eng.	79-84	FLEETWOOD - BROUGHAM	252		4.1	Buick Eng. (Even Fire)	80-82
	368		6.0		80-81		250		4.1	Aluminum Block	82-85
	425		7.0		77-79		305		5.0	Chevrolet Eng.	91-92
	472		7.7		68-74		307		5.0	Oldsmobile Eng.	86-90
	500		8.2		74-76		350		5.7	Chevrolet Eng.	90-96
DEVILLE - TOURING ELDORADO	300		4.9	Aluminum Block	91-93		350		5.7	Oldsmobile Eng.	79-85
	252		4.1	Buick Eng. (Even Fire)	81-82		368		6.0		80-81
	250		4.1	Aluminum Block	82-87		425		7.0		77-79
	273		4.5	Aluminum Block	88-90		472		7.7		68-70
	300		4.9	Aluminum Block	91-93	FLEETWOOD - D'ELEGANCE	250		4.1	Aluminum Block	87
	350		5.7	Oldsmobile Eng.	79-85		273		4.5	Aluminum Block	88
	368		6.0		80-81	FLEETWOOD - FORMAL	368		6.0		80-84
	425		7.0		77-78		425		7.0		77-79
	472		7.7		68-69	SEVILLE	252		4.1	Buick Eng. (Even Fire)	81-82
	500		8.2		70-76		250		4.1	Aluminum Block	82-87
ELDORADO - BIARRITZ ESCALADE	250		4.1	Aluminum Block	84-85		273		4.5	Aluminum Block	88-90
	325		5.3	Vortec 5300	02-05		300		4.9	Aluminum Block	91-93
	350		5.7	Chevrolet Eng.	99-00		350		5.7	Oldsmobile Eng.	76-85
	364		6.0	Vortec 6000	02-06		368		6.0		80-81
ESCALADE - ESV	364		6.0	Vortec 6000	03-06		273		4.5	Aluminum Block	90
ESCALADE - EXT	364		6.0	Vortec 6000	02-06		300		4.9	Aluminum Block	91-92
FLEETWOOD	260		4.3	Oldsmobile Eng.	85	SEVILLE - STS	273		4.5	Aluminum Block	90
							300		4.9	Aluminum Block	91-92

# CADILLAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>1 ENGINE</b>										
<b>112 (1.8) Chevrolet Eng.</b>		<b>VIN G L4</b>		<b>Bore x Stroke 3.50 x 2.91</b>		<b>TORQUE SETTINGS</b>				
<b>122 (2.0) OHV Chevrolet Eng.</b>		<b>P L4</b>		<b>3.50 x 3.15</b>		<b>Connecting Rod 34-43 ft.lbs/47-58 Nm</b>				
						<b>Main Bearing 63-77 ft.lbs/85-105 Nm</b>				
<b>Rod</b>										
<b>4B745P</b> Std. 01 10 20 30 40		50.775/1.9990	53.967/2.1247	1.577/0.0621	.013/.0005	21.38/0.842	F780	8	2370	
		50.800/2.0000	53.980/2.1252		.077/.0030				IH	
<b>Main - 112 (1.8L) engine, 1982 only.</b>										
<b>5M1524P</b> Std. .25 .50 .75	1,2,3	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	6	7123	
		63.383/2.4954	68.273/2.6879		.093/.0037				IH	
	4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7162	
		63.383/2.4954	68.273/2.6879		.093/.0037				IH	
<b>5M1567P</b> Std. .25 .50 .75 1.0	5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	20.95/0.825	F780	2	7125	
		63.383/2.4954	68.273/2.6879		.093/.0037				U/L	
	<b>Main - 122 (2.0L) engine only.</b>									
	1,2,3	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	6	7123	
	63.383/2.4954	68.273/2.6880		.093/.0037				IH		
	4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7124	
		63.383/2.4954	68.273/2.6880		.093/.0037				IH	
	5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	20.95/0.825	F780	2	7125	
		63.383/2.4954	68.273/2.6880		.093/.0037				U/L	
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Cam</b>										
<b>5C1195S</b> Std.	1	47.440/1.8677	51.283/2.0190	1.880/0.0741		16.00/0.630	F23	1	CH-19-1	
		47.490/1.8697	51.308/2.0200							
	2,5	47.440/1.8677	51.029/2.0090	1.750/0.0691		16.00/0.630	F23	2	CH-18-4	
		47.490/1.8697	51.079/2.0110							
	3,4	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
		47.490/1.8697	50.825/2.0010							
<b>2 ENGINE</b>										
<b>173 (2.8) Chevrolet Eng.</b>		<b>VIN W V6</b>		<b>Bore x Stroke 3.50 x 2.99</b>		<b>TORQUE SETTINGS</b>				
						<b>Connecting Rod 34-40 ft.lbs/47-54 Nm</b>				
						<b>Main Bearing 63-74 ft.lbs/85-101 Nm</b>				
<b>Rod - High Strength Aluminum Silicon material.</b>										
<b>6B1238A</b> Std. 01 10 20 30 40		50.759/1.9984	54.013/2.1265	1.575/0.0620	.027/.0011	18.29/0.720	F810	12	7116A	
		50.785/1.9994	54.039/2.1275		.105/.0041					
<b>Rod - .002" oversize back version of 6B1238A.</b>										
<b>6B1238AO/S2</b> 10 20 30 40		50.759/1.9984	53.962/2.1245	1.727/0.0680	.014/.0006	18.29/0.720	F810	12	9036A	
		50.785/1.9994	53.988/2.1255	(@ .010" u/s)	.080/.0031				IH	
<b>Main - optional set to 4M1494P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>										
<b>4M1493P</b> 10 20 30 40	1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.64/0.970	F780	2	7117	
		63.363/2.4946	68.275/2.6880		.109/.0043				U/L	
	2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	18.85/0.742	F780	2	7118	
		63.363/2.4946	68.275/2.6880		.109/.0043				U/L	
	3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.18/0.952	F780	2	7129	
		63.363/2.4946	68.275/2.6880		.109/.0043				U/L	
	4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	31.70/1.248	F780	2	7120	
		63.363/2.4946	68.275/2.6880		.109/.0043				U/L	
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 4M1493P</b>										
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
				.010" u/s shaft		0.952"				
				.020" u/s shaft		+0.010"				
				.030" u/s shaft		0.952"				
				.040" u/s shaft		+0.010"				
				.040" u/s shaft		0.952"				
				.040" u/s shaft		+0.010"				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **2**

**Main - 1985 engines only with 2.4937"/2.4946" shaft.**

1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L
	63.363/2.4946	68.275/2.6880						
2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L
	63.363/2.4946	68.275/2.6880						
3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	23.93/0.942	F780	2	7119 U/L
	63.363/2.4946	68.275/2.6880						
4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L
	63.363/2.4946	68.275/2.6880						

Overflange length remains constant for standard and undersizes.

**Main - 1985-88 engines with 2.6472"/2.6482" shaft. High Strength Aluminum Silicon material.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
	67.264/2.6482	72.174/2.8415						
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
	67.264/2.6482	72.174/2.8415						
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L
	67.264/2.6482	72.174/2.8415						

**Main - optional set to 4M2037A with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
	67.264/2.6482	72.174/2.8415						
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
	67.264/2.6482	72.174/2.8415						
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L
	67.264/2.6482	72.174/2.8415						

to be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110					
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640	16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010					
4	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110					

**Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110					
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640	18.42/0.725	F23	2	CH-18-2A
	47.490/1.8697	50.825/2.0010					
4	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110					

**ENGINE**

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

250 (4.1) Aluminum Block	7	V8	3.47 x 3.31	Connecting Rod 22 ft.lbs/30 Nm Main Bearing 85 ft.lbs/115 Nm
250 (4.1) Aluminum Block	8	V8	3.47 x 3.31	
273 (4.5) Aluminum Block	3	V8	3.62 x 3.31	
273 (4.5) Aluminum Block	5	V8	3.62 x 3.31	
273 (4.5) Aluminum Block	8	V8	3.62 x 3.31	
300 (4.9) Aluminum Block	B	V8	3.62 x 3.62	

**Rod**

48.943/1.9269	52.131/2.0524	1.570/0.0620	.020/.0008	16.87/0.664	F780	16	7130 IH
48.969/1.9279	52.146/2.0530		.086/.0034				

**8B1351P**  
Std. .25 .50 .75

**Rod - .002" oversize back version of 8B1351P.**

48.943/1.9269	52.182/2.0544	1.725/0.0679	.014/.0006	16.87/0.664	F780	16	9010 IH
48.968/1.9279	52.197/2.0550	(@ 0.25 mm u/s)	.080/.0031				

**8B1351PO/S2**  
.25 .50 .75

# CADILLAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 3 (Cont'd.)

<b>5M7146P</b> Std. .25 .50 .75	<b>Main</b>										
	1	66.939/2.6354 66.965/2.6364	71.821/2.8276 71.839/2.8283	2.440/0.0960	.013/.0005 .081/.0032	24.13/0.950	F780	2	7202 IH		
	2,4	66.939/2.6354 66.965/2.6364	71.821/2.8276 71.839/2.8283	2.440/0.0960	.023/.0009 .091/.0036	24.13/0.950	F780	4	7203 IH		
	3 (FI)	66.939/2.6354 66.965/2.6364	71.821/2.8276 71.839/2.8283	2.430/0.0955	.041/.0016 .109/.0043	32.82/1.292	F780	2	7146 IH		
	5	66.939/2.6354 66.965/2.6364	71.821/2.8276 71.839/2.8283	2.440/0.0961	.023/.0009 .091/.0036	24.94/0.982	F780	2	7205 IH		
	<i>Overflange length remains constant for standard and undersizes. Note: If oil clearance on #1 position exceeds .004", install a .026mm/.001" in the #1 journal position.</i>										
	<b>5C1300S</b> Std.	<b>Cam</b>									
		1	51.710/2.0358 51.730/2.0366	55.067/2.1680 55.105/2.1695	1.660/0.0652		15.14/0.596	F23	1	C-4-1	
		2	51.200/2.0157 51.220/2.0165	54.560/2.1480 54.597/2.1495	1.660/0.0652		15.14/0.596	F23	1	C-4-2	
		3	50.690/1.9957 50.710/1.9965	54.051/2.1280 54.089/2.1295	1.660/0.0652		15.14/0.596	F23	1	C-4-3	
		4	50.180/1.9756 50.200/1.9764	53.543/2.1080 53.581/2.1095	1.660/0.0652		15.14/0.596	F23	1	C-4-4	
		5	49.680/1.9559 49.700/1.9567	53.035/2.0880 53.073/2.0895	1.660/0.0652		15.14/0.596	F23	1	C-4-5	
		<b>5C1300SW</b> Std.	<b>Cam - 0.690" wide #5 position cam</b>								
			1	51.710/2.0358 51.730/2.0366	55.067/2.1680 55.105/2.1695	1.660/0.0652		15.14/0.596	F23	1	C-4-1
			2	51.200/2.0157 51.220/2.0165	54.560/2.1480 54.597/2.1495	1.660/0.0652		15.14/0.596	F23	1	C-4-2
			3	50.690/1.9957 50.710/1.9965	54.051/2.1280 54.089/2.1295	1.660/0.0652		15.14/0.596	F23	1	C-4-3
4	50.180/1.9756 50.200/1.9764		53.543/2.1080 53.581/2.1095	1.660/0.0652		15.14/0.596	F23	1	C-4-4		
5	49.680/1.9559 49.700/1.9567		53.035/2.0880 53.073/2.0895	1.660/0.0652		17.53/0.690	F23	1	C-4-5A		

### 4 ENGINE

252 (4.1) Buick Eng. (Even Fire)

VIN 4  
CYL V6

Bore x Stroke  
3.97 x 3.40

### TORQUE SETTINGS

Connecting Rod 40 ft.lbs/54 Nm  
Main Bearing 110 ft.lbs/150 Nm

<b>6B1228P</b> Std. 01 10 20 30 40	<b>Rod - .660" wide bearing.</b>								
		57.117/2.2487 57.137/2.2495	60.295/2.3738 60.312/2.3745	1.572/0.0619	.014/.0006 .077/.0030	16.76/0.660	F780	12	2360 IH
<b>6B1228PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize back version of 6B1228P.</b>								
		57.117/2.2487 57.137/2.2495	60.346/2.3758 60.363/2.3765	1.724/0.0679 (@ .010" u/s)	.005/.0002 .078/.0031	16.76/0.660	F780	12	9071 IH
<b>4M1688P</b> 10 20 30	<b>Main - half groove, standard oil clearance. Optional set to 4M960P with +0.020" overflange length increase.*See below for dimensional information. (Set includes modified upper rear main bearing.)</b>								
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L
	<i>To be discontinued when stock exhausted.</i>								
<b>* DIMENSIONAL INFORMATION FOR 4M1688P</b>									
			<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
	.010" u/s shaft		1.078"	+0.020"					
	.020" u/s shaft		1.078"	+0.020"					
	.030" u/s shaft		1.078"	+0.020"					

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **4**

**Main - half groove, standard oil clearance. Optional set to 4M960P with +0.040" overflange length increase.\*See below for dimensional information. (Set includes modified upper rear main bearing.)**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L
	63.500/2.5000	68.275/2.6880						

**4M1690P**  
20 30

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 4M1690P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.098"	+0.040"
.030" u/s shaft	1.098"	+0.040"

**Main - half groove, standard oil clearance. Optional set to 4M960P with +0.010" overflange length increase.\*See below for dimensional information. (Set includes modified upper rear main bearing.)**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L
	63.500/2.5000	68.275/2.6880						

**4M1747P**  
10 20 40

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M1747P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

**Main - half groove, standard oil clearance. (Set includes modified upper rear main bearing.)**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	26.87/1.058	F780	2	9017 U/L
	63.500/2.5000	68.275/2.6880						

**4M960P**  
Std. 01 10 20 30 40

Overflange length remains constant for standard and undersizes.

**Cam - grooved O/D on #1 bush - alt. set to 4C1031S.**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642	19.18/0.755	F23	1	B-11-1B
	45.364/1.7860	48.705/1.9175					
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642	15.88/0.625	F23	3	B-9-2
	45.364/1.7860	48.705/1.9175					

**4C1031BS**  
Std.

**Cam**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642	19.18/0.755	F23	1	B-11-1
	45.364/1.7860	48.705/1.9175					
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642	15.88/0.625	F23	3	B-9-2
	45.364/1.7860	48.705/1.9175					

**4C1031S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
260 (4.3) Oldsmobile Eng. Diesel	T	V6	4.057 x 3.585	Connecting Rod 42 ft.lbs/57 Nm Main Bearing 89 ft.lbs/120 Nm					

**5**

Rod	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
	57.125/2.2490	60.305/2.3742	1.570/0.0618	.013/.0005 .064/.0025	22.23/0.875	F780	12	CB1366P IH	<b>6B8510P</b> Std. 10 20 30
	57.150/2.2500	60.325/2.3750							

# CADILLAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 5 (Cont'd.)

Main									
4M1616P Std. 10	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	24.89/0.980	F780	2	MB2362P U/L
	2	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	24.87/0.979	F780	2	MB2163P IH
	3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	30.35/1.195	F780	2	MB2363P IH
	4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.370/0.0932	.046/.0018 .086/.0034	32.26/1.270	F780	2	MB2964P U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
Cam									
4C1247S Std.	1	51.707/2.0357 51.727/2.0365	55.062/2.1678 55.113/2.1698	1.640/0.0646		17.60/0.693	F23	1	O-7-1
	2	51.199/2.0157 51.219/2.0165	54.554/2.1478 54.605/2.1498	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.046/2.1278 54.097/2.1298	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.538/2.1078 53.589/2.1098	1.640/0.0646		17.60/0.693	F23	1	O-6-4

## 6 ENGINE

305 (5.0) Chevrolet Eng.

VIN E

CYL V8

Bore x Stroke

3.74 x 3.48

TORQUE SETTINGS

Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)

Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)

Main Bearing 75 ft.lbs/102 Nm

Rod									
8B663A Std. 01 10 20 30 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	16	2376A
	<b>Rod - .002" oversize OD version of 8B663A.</b>								
8B663AO/S2 10 20 30 40		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH
	<b>Rod</b>								
8B663P Std. 01 10 20 30 40 50 60		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH
	<b>Rod - .002" oversize OD version of 8B663P.</b>								
8B663PO/S2 10 20 30 40		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH
	<b>Main - Alt set to 5M909P with +0.020" overflange length increase for undersizes. *See below for dimensional information.</b>								
5M1626P 10 20 30 40 50 60	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L
<b>* DIMENSIONAL INFORMATION FOR 5M1626P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				.010" u/s shaft		1.738" +0.020"			
				.020" u/s shaft		1.738" +0.020"			
				.030" u/s shaft		1.738" +0.020"			
				.040" u/s shaft		1.738" +0.020"			
				.050" u/s shaft		1.738" +0.020"			
				.060" u/s shaft		1.738" +0.020"			



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 6**
**Main - Alt set to 5M909P with +0.040" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	1.76/0.069	F780	2	2355 U/L

**\* DIMENSIONAL INFORMATION FOR 5M1683P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.758"	+0.040"
.030" u/s shaft	1.758"	+0.040"
.040" u/s shaft	1.758"	+0.040"

**Main - Alt set to 5M909P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.89/1.728	F780	2	2365 U/L

**\* DIMENSIONAL INFORMATION FOR 5M1744P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.728"	+0.010"
.020" u/s shaft	1.728"	+0.010"
.030" u/s shaft	1.728"	+0.010"
.040" u/s shaft	1.728"	+0.010"
.050" u/s shaft	1.728"	+0.010"
.060" u/s shaft	1.728"	+0.010"

**Main**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F810	8	2377A U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L

**Main - half groove. Standard oil clearance.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L

*Overflange length remains constant for standard and undersizes.*
**Cam - Single piece from 5C3349C set (#1 cam).**

	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
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**Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536
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**Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537
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**Cam - standard housing bores.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3

**Cam - standard housing bores (High Performance).**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346

**5M1683P**  
20 30 40

**5M1744P**  
10 20 30 40 50 60

**5M909A**  
Std. 01 10 20 30 40

**5M909P**  
Std. 01 10 20 30 40 50 60

**1C3349C**  
Std.

**5C004AS**  
Std.

**5C004BS**  
Std.

**5C290S**  
Std.

**5C3349C**  
Std.

# CADILLAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>7 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
307 (5.0) Oldsmobile Eng.			9	V8	3.80 x 3.39	<b>Connecting Rod 42 ft.lbs/57 Nm</b>			
307 (5.0) Oldsmobile Eng.			Y	V8	3.80 x 3.39	<b>Main Bearing 120 ft.lbs/163 Nm (rear bearing cap)</b>			
						<b>Main Bearing 80 ft.lbs/108 Nm (except rear bearing cap)</b>			
<b>8B684P</b> Std. 10 20 30 40	<b>Rod</b>	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH
	<b>Rod - .002" oversize OD version of 8B684P.</b>	53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH
<b>5M805P</b> Std. 10 20 30 40	<b>Main</b>								
	1(L)	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L
	1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH
	3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.35/1.195	F780	2	8503 IH
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5M8603P</b> 10 20 30 40	<b>Main - optional set to 5M805P with +.010" overflange length increase for undersizes. * See below for dimensional information.</b>								
	1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L
	1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH
	3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.61/1.205	F780	2	8603 IH
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L
	<i>Stock not available from fee warehouses.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 5M8603P</b>								
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				.010" u/s shaft		1.205"			
				.020" u/s shaft		1.205"			
				.030" u/s shaft		1.205"			
				.040" u/s shaft		1.205"			
				1.205"		+0.010"			
				1.205"		+0.010"			
				1.205"		+0.010"			
				1.205"		+0.010"			
<b>5C1088S</b> Std.	<b>Cam</b>								
	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5	
<b>RB3049YA20</b> Semi	<b>Small End</b>	24.933/0.9816 (Finish ID Bore Size)	27.534/1.0840 (Nominal)			23.37/0.920	F100	1	3049YA20

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>8</b>
325 (5.3) Vortec 5300			T	V8	3.780 x 3.622	Connecting Rod 15 ft.lbs/20 Nm + 60 deg.				
346 (5.7)			S	V8	3.898 x 3.622	Main Bearing Consult service manual				
364 (6.0) Vortec 6000			N	V8	4.000 x 3.622					
364 (6.0) Vortec 6000			U	V8	4.000 x 3.622					

<b>Rod - High Strength Aluminum Silicon material.</b>										<b>8B663A</b> Std. 01 10 20 30 40
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620 .081/.0032	.017/.0007 .082/.0032	21.25/0.837	F810	16	2376A		
<b>Rod - .002" oversize OD version of 8B663A.</b>										<b>8B663AO/S2</b> 10 20 30 40
	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH		
<b>Rod</b>										<b>8B663P</b> Std. 01 10 20 30 40 50 60
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620 .081/.0032	.017/.0007 .082/.0032	21.25/0.837	F780	16	2376 IH		
<b>Rod - .002" oversize OD version of 8B663P.</b>										<b>8B663PO/S2</b> 10 20 30 40
	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH		
<b>Main - High Strength Aluminum Silicon material.</b>										<b>5M7298A</b> Std. 10 20 30 40
1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.006/.0002 .046/.0018	20.45/0.805	F810	8	7298A U/L		
3 (FI)	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.002/.0001 .046/.0018	26.10/1.028	F810	2	7299A U/L		
<b>Cam - 1st Series design with #1 &amp; 5 housing bore size of 2.3260"/2.3280".</b>										<b>5C1000S</b> Std.
1,5	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1		
2,4	54.991/2.1650 55.042/2.1670	58.829/2.3161 58.879/2.3181	1.880/0.0740		16.00/0.630	F23	2	CH-10-2		
3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3		
<b>Cam - 2nd Series design with #1 &amp; 5 housing bore size of 2.3460"/2.3480".</b>										<b>5C1001S</b> Std.
1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/0.0890		16.00/0.630	F23	2	CH-23-1		
2,4	54.991/2.1650 54.042/2.1276	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1		
3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3		

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>9</b>
350 (5.7) Oldsmobile Eng. Diesel			N	V8	4.06 x 3.39	Connecting Rod 42 ft.lbs/57 Nm Main Bearing 120 ft.lbs/163 Nm				

<b>Rod</b>										<b>8B684P</b> Std. 10 20 30 40
	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619 .087/.0034	.023/.0009 .088/.0035	21.11/0.831	F780	16	8500 IH		
<b>Rod - .002" oversize OD version of 8B684P.</b>										<b>8B684PO/S2</b> 10 20 30 40
	53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH		
<b>Main</b>										<b>5M804P</b> Std. 10 20 30 40
1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L		
1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U		
2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH		
3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.38/1.196	F780	2	8508 IH		
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L		

Overflange length remains constant for standard and undersizes.

# CADILLAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 9 (Cont'd.)

<b>5M8519P</b> 20 30 40	<b>Main - optional set to 5M804P with +0.010" overflange length increase. *See dimensional information below.</b>								
	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L
	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U
	2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH
	3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.63/1.206	F780	2	8519 IH
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8519P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.020" u/s shaft	1.206"	+0.010"			
				.030" u/s shaft	1.206"	+0.010"			
				.040" u/s shaft	1.206"	+0.010"			
<b>5C1088S</b> Std.	<b>Cam</b>								
	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5

## 10 ENGINE

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

<b>350 (5.7) Oldsmobile Eng.</b>	<b>8</b>	<b>V8</b>	<b>4.06 x 3.39</b>	<b>Connecting Rod 42 ft.lbs/57 Nm</b>
<b>350 (5.7) Oldsmobile Eng.</b>	<b>B</b>	<b>V8</b>	<b>4.06 x 3.39</b>	<b>Main Bearing 120 ft.lbs/163 Nm (rear bearing cap only)</b>
<b>350 (5.7) Oldsmobile Eng.</b>	<b>R</b>	<b>V8</b>	<b>4.06 x 3.39</b>	<b>Main Bearing 80 ft.lbs/108 Nm (except rear bearing cap)</b>

<b>8B684P</b> Std. 10 20 30 40	<b>Rod</b>								
		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH
<b>8B684PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B684P.</b>								
		53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH
<b>5M805P</b> Std. 10 20 30 40	<b>Main</b>								
	1(L)	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L
	1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH
	3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.35/1.195	F780	2	8503 IH
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 10**
**Main - optional set to 5M805P with +0.010" overflange length increase. \* See below for dimensional information.**

1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L	<b>5M8603P</b> 10 20 30 40
1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH	
3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.61/1.205	F780	2	8603 IH	
5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L	

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M8603P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.205"	+0.010"
.020" u/s shaft	1.205"	+0.010"
.030" u/s shaft	1.205"	+0.010"
.040" u/s shaft	1.205"	+0.010"

**Cam - 1977-80 engines only.**

1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1	<b>5C1088S</b> Std.
2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2	
3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3	
4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4	
5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5	

**Cam - 1976 engines only.**

1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-6-1	<b>5C638S</b> Std.
2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2	
3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3	
4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4	
5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**350 (5.7) Chevrolet Eng.**  
**350 (5.7) Chevrolet Eng.**  
**350 (5.7) Chevrolet Eng.**
**7 V8 4.00 x 3.48**  
**P V8 4.00 x 3.48**  
**R V8 4.00 x 3.48**
**Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)**  
**Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)**  
**Main Bearing 75 ft.lbs/102 Nm**
**11**
**Rod**

53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620 .017/.0007 .081/.0032	21.25/0.837	F810	16	2376A	<b>8B663A</b> Std. 01 10 20 30 40
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**Rod - .002" oversize OD version of 8B663A.**

53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s) .082/.0032	21.25/0.837	F810	16	9026A IH	<b>8B663AO/S2</b> 10 20 30 40
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**Rod**

53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620 .017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH	<b>8B663P</b> Std. 01 10 20 30 40 50 60
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# CADILLAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.		
<b>11 (Cont'd.)</b>											
<b>5M1626P</b> 10 20 30 40 50 60	<b>Main - Alt set to 5M909P with +0.020" overflange length increase for undersizes. *See below for dimensional information.</b>										
	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L		
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L		
	<i>Stock not available from fee warehouses.</i>										
	<b>* DIMENSIONAL INFORMATION FOR 5M1626P</b>										
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
					.010" u/s shaft	1.738"	+0.020"				
					.020" u/s shaft	1.738"	+0.020"				
					.030" u/s shaft	1.738"	+0.020"				
					.040" u/s shaft	1.738"	+0.020"				
				.050" u/s shaft	1.738"	+0.020"					
				.060" u/s shaft	1.738"	+0.020"					
<b>5M1683P</b> 20 30 40	<b>Main - Alt set to 5M909P with +0.040" overflange length increase for undersizes. *See below for dimensional information.</b>										
	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L		
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	1.76/0.069	F780	2	2355 U/L		
	<i>Stock not available from fee warehouses.</i>										
	<b>* DIMENSIONAL INFORMATION FOR 5M1683P</b>										
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
					.020" u/s shaft	1.758"	+0.040"				
					.030" u/s shaft	1.758"	+0.040"				
					.040" u/s shaft	1.758"	+0.040"				
	<b>5M1744P</b> 10 20 30 40 50 60	<b>Main - Alt set to 5M909P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>									
1,2,3,4		62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L		
5 (FI)		62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.89/1.728	F780	2	2365 U/L		
<i>Stock not available from fee warehouses.</i>											
<b>* DIMENSIONAL INFORMATION FOR 5M1744P</b>											
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>						
				.010" u/s shaft	1.728"	+0.010"					
				.020" u/s shaft	1.728"	+0.010"					
				.030" u/s shaft	1.728"	+0.010"					
				.040" u/s shaft	1.728"	+0.010"					
				.050" u/s shaft	1.728"	+0.010"					
				.060" u/s shaft	1.728"	+0.010"					
<b>5M909A</b> Std. 01 10 20 30 40	<b>Main</b>										
	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F810	8	2377A U/L		
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L		
	<b>Main - half groove. Standard oil clearance.</b>										
	<b>5M909P</b> Std. 01 10 20 30 40 50 60	<b>Main</b>									
		1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L	
		5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L	
		<i>Overflange length remains constant for standard and undersizes.</i>									
		<b>Cam - Single piece from 5C3349C set (#1 cam).</b>									
		<b>1C3349C</b> Std.		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
<b>Cam +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.</b>											
<b>5C004AS</b> Std.		1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 11**
**Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537	<b>5C004BS</b> Std.
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**Cam - standard housing bores.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	<b>5C290S</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3	

**Cam - standard housing bores (High Performance).**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	<b>5C3349C</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>368 (6.0)</b>	<b>6</b>	<b>V8</b>	<b>3.80 x 4.06</b>	<b>Connecting Rod 40 ft.lbs/54 Nm</b> <b>Main Bearing 90 ft.lbs/122 Nm</b>					
<b>368 (6.0)</b>	<b>9</b>	<b>V8</b>	<b>3.80 x 4.06</b>						
<b>425 (7.0)</b>	<b>S</b>	<b>V8</b>	<b>4.08 x 4.06</b>						
<b>425 (7.0)</b>	<b>T</b>	<b>V8</b>	<b>4.08 x 4.06</b>						
<b>472 (7.7)</b>		<b>V8</b>	<b>4.30 x 4.06</b>						
<b>472 (7.7)</b>	<b>R</b>	<b>V8</b>	<b>4.30 x 4.06</b>						
<b>500 (8.2)</b>		<b>V8</b>	<b>4.30 x 4.30</b>						
<b>500 (8.2)</b>	<b>S</b>	<b>V8</b>	<b>4.30 x 4.30</b>						

<b>Rod</b>	63.480/2.4992 63.505/2.5002	66.662/2.6245 66.675/2.6250	1.572/0.0619	.013/.0005 .076/.0030	20.98/0.826	F780	16	8506 IH	<b>8B542P</b> Std. 10 20 30 40 50
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<b>Main</b>									
1	82.525/3.2490 82.550/3.2500	87.333/3.4383 87.351/3.4390	2.388/0.0940	.015/.0006 .084/.0033	30.35/1.195	F780	2	MB2535AL U/L	<b>5M970AL</b> Std. 10 20
2,4	82.525/3.2490 82.550/3.2500	87.333/3.4383 87.351/3.4390	2.388/0.0940	.015/.0006 .084/.0033	27.10/1.067	F780	4	MB2536AL U/L	
3 (FI)	82.525/3.2490 82.550/3.2500	87.333/3.4383 87.351/3.4390	2.388/0.0940	.015/.0006 .084/.0033	31.98/1.259	F780	2	MB2537AL	
5	82.525/3.2490 82.550/3.2500	87.333/3.4383 87.351/3.4390	2.388/0.0940	.015/.0006 .084/.0033	30.35/1.195	F780	2	MB2538AL	

*Overflange length remains constant for standard and undersizes.*

<b>Cam</b>									
1-5	44.450/1.7500 44.468/1.7507	47.732/1.8792 47.757/1.8802	1.620/0.0638		15.88/0.625	F23	5	C-3-1	<b>5C530S</b> Std.

## CHEVROLET ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
61 993cc (1.0).....	Suzuki G10T, Turbo	2	L3	87-91	1	229 (3.8).....		K	V6	80-82	27
61 993cc (1.0).....	Suzuki G10	5	L3	86-88	1	230 (3.8).....			L6	63-70	25
61 993cc (1.0).....	Suzuki G10	6	L3	89-00	1	230 (3.8).....		S	L6	68-69	25
61 993cc (1.0).....	Suzuki G10	M	L3	85-85	1	231 (3.8).....	Buick Eng., Supercharged	1	V6	04-05	31
79 1295cc (1.3).....	Suzuki G13BA	2	L4	98-01	2	231 (3.8).....	Buick Eng.	2	V6	79-79	26
79 1295cc (1.3).....	Suzuki G13BA	9	L4	92-92	2	231 (3.8).....	Buick Eng., Turbo	3	V6	80-81	26
85 1393cc (1.4).....	Chevette	I	L4	76-77	3	231 (3.8).....	Buick Eng.	A	V6	78-87	26
92 1471cc (1.5).....	Isuzu 4XC1	7	L4	86-88	4	231 (3.8).....	Buick Eng.	K	V6	95-05	31
92 1471cc (1.5).....	Isuzu 4XC1T, Turbo	9	L4	87-88	4	231 (3.8).....	Buick Eng.	L	V6	92-95	31
92 1471cc (1.5).....	Isuzu 4XC1	K	L4	85-85	4	235 (3.9).....			L6	41-62	30
98 1588cc (1.6).....	Toyota 4ALC	4	L4	85-88	5	250 (4.1).....			L6	65-71	25
98 1588cc (1.6).....	Toyota 4AGE	5	L4	88-88	5	250 (4.1).....		C	L6	71-72	25
98 1588cc (1.6).....	Suzuki G16KV	6	L4	98-00	6	250 (4.1).....		D	L6	72-84	25
98 (1.6).....		0	L4	79-80	3	250 (4.1).....		L	L6	71-72	25
98 (1.6).....		9	L4	80-81	3	250 (4.1).....		N	L6	70-71	25
98 (1.6).....		C	L4	82-87	3	250 (4.1).....		P	L6	68-69	25
98 (1.6).....		E	L4	76-79	3	250 (4.1).....		Q	L6	73-75	25
98 (1.6).....		J	L4	78-78	3	250 (4.1).....		S	L6	70-71	25
110 (1.8).....	Toyota 1ZZFE	8	L4	98-02	10	256 (4.2).....		S	L6	02-06	32
110 1819cc (1.8)...	Isuzu 4FB1,Diesel	D	L4	81-86	7	260 (4.3).....	Oldsmobile Eng.,Diesel	T	V6	82-85	33
111 (1.8).....	Isuzu G180Z, OHC	N	L4	72-82	8	260 (4.3).....	Oldsmobile Eng.,Diesel	V	V6	82-83	33
112 (1.8).....	OHV	G	L4	82-82	9	261 (4.3).....			L6	54-62	30
119 (1.9).....	Isuzu G200Z, OHC	A	L4	82-85	11	262 (4.3).....	(incl. H.O. & Turbo)	B	V6	90-91	34
122 (2.0).....	OHV	1	L4	87-89	12	262 (4.3).....	(incl. H.O. & Turbo)	N	V6	85-86	34
122 (2.0).....	OHV	B	L4	83-84	12	262 (4.3).....	(incl. H.O. & Turbo)	W	V6	92-02	34
122 (2.0).....	Suzuki J20A	C	L4	99-03	14	262 (4.3).....	(incl. H.O. & Turbo)	X	V6	96-06	34
122 (2.0).....	DOHC	E	L4	75-75	13	262 (4.3).....	(incl. H.O. & Turbo)	Z	V6	85-96	34
122 (2.0).....	DOHC	O	L4	76-76	13	262 (4.3).....		G	V8	75-76	35
122 (2.0).....	OHV	P	L4	83-86	12	265 (4.3).....			V8	55-57	36
122 (2.0).....	OHV	Y	L4	83-84	12	265 (4.3).....		W	V8	94-96	35
133 2180cc (2.2)...	OHV (LN2)	4	L4	93-93	15	267 (4.4).....		J	V8	79-82	35
134 (2.2).....	OHV	4	L4	92-03	15	283 (4.6).....			V8	57-67	36
134 (2.2).....	OHV	5	L4	00-02	15	292 (4.8).....			L6	63-67	37
134 (2.2).....	Ecotec	6	L4	03-04	17	292 (4.8).....		S	L6	68-72	37
134 (2.2).....	OHV	G	L4	90-91	15	292 (4.8).....		S	L6	74-74	37
134 (2.2).....	Isuzu C223,Diesel	S	L4	81-85	16	292 (4.8).....		T	L6	73-89	37
134 2198cc (2.2)...	Ecotec (L61)	F	L4	02-05	17	294 (4.8).....		V	V8	99-06	38
138 (2.3).....	DOHC (Olds - Quad 4)	D	L4	95-95	18	302 (5.0).....	Small Pin		V8	67-67	36
140 (2.3).....	DOHC (Olds - Quad 4)	A	L4	90-94	18	302 (5.0).....		MO	V8	68-68	35
140 (2.3).....	SOHC	A	L4	71-76	13	305 (5.0).....		7	V8	82-83	35
140 (2.3).....	SOHC	B	L4	71-77	13	305 (5.0).....		E	V8	88-93	35
146 (2.4).....	DOHC (Olds - Quad 4)	T	L4	96-02	19	305 (5.0).....		F	V8	81-92	35
151 2474cc (2.5)...	Pontiac Eng.	1	L4	78-79	20	305 (5.0).....		G	V8	79-88	35
151 2474cc (2.5)...	Pontiac Eng.	2	L4	82-86	20	305 (5.0).....		H	V8	79-96	35
151 2474cc (2.5)...	Pontiac Eng.	5	L4	80-83	20	305 (5.0).....		M	V8	96-02	35
151 2474cc (2.5)...	Pontiac Eng.	9	L4	79-79	20	305 (5.0).....		Q	V8	76-76	35
151 2474cc (2.5)...	Pontiac Eng.	A	L4	91-93	20	305 (5.0).....		S	V8	83-83	35
151 2474cc (2.5)...	Pontiac Eng.	E	L4	85-91	20	305 (5.0).....		U	V8	77-79	35
151 2474cc (2.5)...	Pontiac Eng.	F	L4	82-83	20	307 (5.0).....		A	V8	70-70	35
151 2474cc (2.5)...	Pontiac Eng.	R	L4	82-92	20	307 (5.0).....		B	V8	70-70	35
151 2474cc (2.5)...	Pontiac Eng.	V	L4	78-80	20	307 (5.0).....		CA	V8	71-71	35
153 (2.5).....			L4	62-67	21	307 (5.0).....		DC	V8	69-69	35
153 (2.5).....		AA	L4	69-69	21	307 (5.0).....		E	V8	68-69	35
153 (2.5).....		CA	L4	70-70	21	307 (5.0).....		F	V8	72-73	35
153 (2.5).....		OH	L4	68-68	21	307 (5.0).....		H	V8	71-71	35
169 2770cc (2.8)...			L4	04-04	22	307 (5.0).....		ME	V8	68-68	35
169 2770cc (2.8)...		8	L4	05-06	22	307 (5.0).....		ND	V8	70-70	35
173 (2.8).....		1	V6	82-84	23	307 (5.0).....		P	V8	71-71	35
173 (2.8).....		7	V6	80-80	23	307 (5.0).....		U	V8	69-69	35
173 (2.8).....		B	V6	82-85	23	307 (5.0).....		X	V8	73-73	35
173 (2.8).....		R	V6	86-93	23	307 (5.0).....	Oldsmobile Eng.	Y	V8	86-90	39
173 (2.8).....		S	V6	85-89	23	323 (5.3).....		B	V8	05-05	38
173 (2.8).....		W	V6	85-89	23	323 (5.3).....		M	V8	05-05	38
173 (2.8).....		X	V6	81-86	23	323 (5.3).....		T	V8	99-05	38
173 (2.8).....		Z	V6	81-84	23	323 (5.3).....		Z	V8	02-05	38
189 (3.1).....		D	V6	90-95	24	325 (5.3).....		B	V8	06-06	38
189 (3.1).....		J	V6	00-03	24	325 (5.3).....		M	V8	06-06	38
189 (3.1).....		M	V6	94-99	24	325 (5.3).....		P	V8	03-04	38
189 (3.1).....		T	V6	90-94	24	325 (5.3).....		T	V8	06-06	38
194 (3.2).....		L6	62-67	25	325 5328cc (5.3)...		C	V8	06-06	38	
196 (3.2).....	Buick Eng.	C	V6	78-79	26	325 5328cc (5.3)...	(L59)	Z	V8	06-06	38
200 (3.3).....		M	V6	78-79	27	327 (5.4).....	Small Pin		V8	62-67	36
207 (3.4).....	OHV	E	V6	96-05	28	327 (5.4).....		E	V8	68-68	35
207 (3.4).....	OHV	S	V6	93-95	28	327 (5.4).....		FB	V8	69-69	35
207 (3.4).....	DOHC	X	V6	91-97	28	327 (5.4).....		HJ	V8	68-68	35
211 3460cc (3.5)...			L5	04-04	29	350 (5.7).....			V8	67-71	35
211 3460cc (3.5)...		6	L5	05-06	29	350 (5.7).....		4	V8	79-79	35
216 (3.5).....			L6	37-53	30	350 (5.7).....		6	V8	80-88	35
229 (3.8).....		9	V6	83-84	27	350 (5.7).....		7	V8	89-93	35



## CHEVROLET ENGINE INDEX (Cont'd.)

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
350 (5.7) .....		8	V8	79-92	35	396 (6.5) .....			V8	66-70	41
350 (5.7) .....		E	V8	69-84	35	396 (6.5) .....		E	V8	68-69	41
350 (5.7) .....		G	V8	97-04	38	400 (6.6) .....	Small block		V8	70-71	43
350 (5.7) .....		H	V8	72-78	35	400 (6.6) .....	Small block	E	V8	70-72	43
350 (5.7) .....		K	V8	72-74	35	400 (6.6) .....	Small block	K	V8	70-70	43
350 (5.7) .....	Light Truck	K	V8	87-96	35	400 (6.6) .....	Small block	M	V8	75-75	43
350 (5.7) .....		L	V8	72-86	35	400 (6.6) .....	Small block	R	V8	72-80	43
350 (5.7) .....	Light Truck	M	V8	80-88	35	400 (6.6) .....	Small block	U	V8	74-76	43
350 (5.7) .....	Oldsmobile Eng.,Diesel	N	V8	80-85	40	400 (6.6) .....	Small block	X	V8	80-80	43
350 (5.7) .....	Car	P	V8	92-97	35	402 (6.6) .....			V8	70-71	41
350 (5.7) .....	Light Truck	P	V8	80-83	35	402 (6.6) .....		K	V8	71-71	41
350 (5.7) .....	Light Truck	R	V8	96-02	35	402 (6.6) .....		S	V8	72-72	41
350 (5.7) .....		S	V8	01-04	38	402 (6.6) .....		U	V8	72-72	41
350 (5.7) .....		T	V8	74-75	35	427 (7.0) .....			V8	66-69	41
350 (5.7) .....		V	V8	73-76	35	454 (7.4) .....			V8	70-71	41
350 (5.7) .....		X	V8	76-77	35	454 (7.4) .....		B	V8	98-99	41
350 (5.7) .....	Light Truck	Y	V8	73-75	35	454 (7.4) .....		E	V8	70-71	41
350 (5.7) .....	Oldsmobile Eng.,Diesel	Z	V8	78-81	40	454 (7.4) .....		J	V8	96-00	41
364 (6.0) .....		H	V8	05-06	38	454 (7.4) .....		L	V8	74-75	41
364 (6.0) .....		N	V8	03-06	38	454 (7.4) .....		N	V8	87-97	41
364 (6.0) .....		U	V8	99-06	38	454 (7.4) .....		S	V8	76-80	41
366 (6.0) .....			V8	66-67	41	454 (7.4) .....		V	V8	72-72	41
379 (6.2) .....	Diesel	C	V8	82-93	42	454 (7.4) .....		W	V8	72-89	41
379 (6.2) .....	Diesel	J	V8	82-93	42	454 (7.4) .....		X	V8	73-73	41
395 (6.5) .....	Turbo,Diesel	F	V8	92-02	42	454 (7.4) .....		Y	V8	73-77	41
395 (6.5) .....	Diesel	P	V8	94-95	42	454 (7.4) .....		Z	V8	73-75	41
395 (6.5) .....	Turbo,Diesel	S	V8	94-99	42	496 (8.1) .....		G	V8	01-05	44
395 (6.5) .....	Diesel	Y	V8	94-99	42						

## CHEVROLET MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
	400		6.6	Small block	70-71	BISCAYNE	307		5.0		68
ASTRO	151	2474	2.5	Pontiac Eng.	85-90		327		5.4		68-69
	262		4.3	(incl. H.O. & Turbo)	85-05		327		5.4	Small Pin	62-67
AVALANCHE 1500	323		5.3		02-05		350		5.7		69-72
AVALANCHE 1500 - LS	325	5328	5.3		06		396		6.5		66-69
AVALANCHE 1500 - LT	325	5328	5.3		06		400		6.6	Small block	70-72
AVALANCHE 1500 - Z66	325	5328	5.3		06		402		6.6		71-72
AVALANCHE 1500 - Z71	325	5328	5.3		06	BLAZER	427		7.0		66-69
AVALANCHE 2500	496		8.1		02-04		454		7.4		70-72
AVALANCHE 2500 - LS	496		8.1		05		250		4.1		69-82
AVALANCHE 2500 - LT	496		8.1		05		292		4.8		70-73
BEL AIR	230		3.8		63-65		262		4.3	(incl. H.O. & Turbo)	95-05
	235		3.9		54-62		305		5.0		77-87
	250		4.1		65-73		307		5.0		69-73
	265		4.3		55-57		350		5.7		69-86
	267		4.4		81		350		5.7	Light Truck	73-94
	283		4.6		57-67		379		6.2		82-91
	305		5.0		81		395		6.5		94
	307		5.0		68	BLAZER -	400		6.6	Small block	75-79
	327		5.4		68-69	TRAILBLAZER	454		7.4		73-78
	327		5.4	Small Pin	62-67	BROOKWOOD	262		4.3	(incl. H.O. & Turbo)	99-01
	350		5.7		69-75		250		4.1		69
	396		6.5		66-69		350		5.7		69-72
	400		6.6	Small block	70-75		400		6.6	Small block	70-72
	402		6.6		71-72		402		6.6		72
	427		7.0		66-69	C10 PICKUP	230		3.8		63-66
	454		7.4		70-75		235		3.9		61-62
BERETTA	122		2.0	OHV	87-89		250		4.1		66-84
	134		2.2	OHV	90-96		292		4.8		63-80
	173		2.8		87-89		262		4.3	(incl. H.O. & Turbo)	85-86
	189		3.1		90-96		283		4.6		61-67
BERETTA - GT	134		2.2	OHV	92-93		305		5.0		76-86
	173		2.8		89		307		5.0		68-73
	189		3.1		90-93		327		5.4		68
BERETTA - GTZ	140		2.3	DOHC (Olds - Quad 4)	90-93		327		5.4	Small Pin	62-67
	189		3.1		91-93		350		5.7		69-86
BERETTA - Z26	140		2.3	DOHC (Olds - Quad 4)	94		350		5.7	Light Truck	73-86
	189		3.1		94-96		350		5.7	Oldsmobile Eng.	78-81
BISCAYNE	230		3.8		63-65		379		6.2		82-86
	235		3.9		58-62		396		6.5		68-69
	250		4.1		65-72		400		6.6	Small block	76-80
	283		4.6		58-67		454		7.4		73-80
						C10 PICKUP - BIG TEN	250		4.1		78-80
							292		4.8		78-80
							305		5.0		78-80

## CHEVROLET MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
C10 PICKUP - BIG TEN	350		5.7		78-80	C30 PICKUP	454		7.4		73-86	
	350		5.7	Light Truck	80	C3500 PICKUP	350		5.7	Light Truck	88-00	
	350		5.7	Oldsmobile Eng.	78-79		379		6.2		88-93	
	400		6.6	Small block	80		395		6.5		92-00	
	454		7.4		78-80		454		7.4		88-00	
C10 SUBURBAN	250		4.1		68-80	C3500 PICKUP - HD CHASSIS CAB	395		6.5		01-02	
	292		4.8		68-74		496		8.1		01-02	
	305		5.0		76-86	CAMARO	151	2474	2.5	Pontiac Eng.	82-86	
	307		5.0		68-73		230		3.8		67-69	
	327		5.4		68		250		4.1		67-79	
	350		5.7		69-86		173		2.8		82-89	
	350		5.7	Light Truck	73-86		207		3.4	OHV	93-95	
	350		5.7	Oldsmobile Eng.	78-81		229		3.8		80-81	
	379		6.2		82-86		231		3.8	Buick Eng.	80-02	
	396		6.5		68-69		267		4.4		80-81	
	402		6.6		71-72		302		5.0		68	
	454		7.4		73-80		302		5.0	Small Pin	67	
	C1500 PICKUP	262		4.3	(incl. H.O. & Turbo)	88-98		305		5.0		76-89
305			5.0		88-99		307		5.0		69-73	
350			5.7	Light Truck	88-99		327		5.4		68-69	
379			6.2		88-93		327		5.4	Small Pin	67	
395			6.5		94-98		350		5.7		67-89	
454			7.4		90-93		396		6.5		67-70	
					92-99		402		6.6		70-72	
C1500 SUBURBAN	350		5.7	Light Truck	92-99	CAMARO - IROC-Z	305		5.0		90	
	395		6.5		94-99	CAMARO - LT	250		4.1		77	
C20 PICKUP	230		3.8		63-65		305		5.0		76-77	
	235		3.9		61-62		350		5.7		76-77	
	250		4.1		66-84	CAMARO - RS	189		3.1		90-92	
	292		4.8		63-86		231		3.8	Buick Eng.	96-97	
	262		4.3	(incl. H.O. & Turbo)	85-86		305		5.0		90-92	
	283		4.6		61-67	CAMARO - SS	350		5.7		98-02	
	305		5.0		77-86	CAMARO - Z28	305		5.0		91-92	
	307		5.0		68-73		350		5.7		72-02	
	327		5.4		68		350		5.7	Car	93-97	
	327		5.4	Small Pin	62-67	CAPRICE	250		4.1		67-78	
	350		5.7		69-86		231		3.8	Buick Eng.	85	
	350		5.7	Light Truck	73-86		262		4.3	(incl. H.O. & Turbo)	86-92	
	366		6.0		66		283		4.6		66-67	
	379		6.2		82-86		305		5.0		78-92	
	396		6.5		68-69		307		5.0		68	
	400		6.6	Small block	76-80		307		5.0	Oldsmobile Eng.	87	
	454		7.4		73-86		327		5.4		68-69	
C20 SUBURBAN	250		4.1		68-74		327		5.4	Small Pin	66-67	
	292		4.8		68-86		350		5.7		69-93	
	305		5.0		76-86		350		5.7	Car	94	
	307		5.0		68-73		396		6.5		66-69	
	327		5.4		68		400		6.6	Small block	70-72	
	350		5.7		69-86		402		6.6		71-72	
	350		5.7	Light Truck	73-86		427		7.0		66-69	
	379		6.2		82-86		454		7.4		70-72	
	396		6.5		68-69		CAPRICE - CLASSIC	250		4.1		77-79
	400		6.6	Small block	76-80			229		3.8		80-84
	402		6.6		71-72			231		3.8	Buick Eng.	80-84
	454		7.4		73-86			262		4.3	(incl. H.O. & Turbo)	85-93
	C2500 PICKUP	262		4.3	(incl. H.O. & Turbo)	88-95		265		4.3		94-96
305			5.0		88-99		267		4.4		80-82	
350			5.7	Light Truck	88-00		305		5.0		77-93	
379			6.2		88-93		307		5.0	Oldsmobile Eng.	86-90	
395			6.5		92-00		350		5.7		73-93	
454			7.4		91-00		350		5.7	Car	94-96	
					92-99		350		5.7	Oldsmobile Eng.	80-85	
C2500 SUBURBAN	350		5.7	Light Truck	92-99		400		6.6	Small block	73-76	
	395		6.5		94-99		454		7.4		73-76	
C30 PICKUP	454		7.4		92-99	CAPRICE - CLASSIC BROUGHAM	262		4.3	(incl. H.O. & Turbo)	87-88	
	230		3.8		64-65		305		5.0		87-90	
	235		3.9		61-62	CAPRICE - CLASSIC LS	265		4.3		94	
	250		4.1		66-80		305		5.0		93	
	292		4.8		63-86	CAPRICE - CLASSIC LTZ	305		5.0		91-92	
	283		4.6		61-67		350		5.7		91-93	
	305		5.0		78-86	CAPRICE - ESTATE	305		5.0		77	
	307		5.0		68-73		350		5.7		73-77	
	327		5.4		68		400		6.6	Small block	73-76	
	327		5.4	Small Pin	62-67		454		7.4		73-76	
	350		5.7		69-83							
	350		5.7	Light Truck	73-86							
	350		5.7	Oldsmobile Eng.	78							
	366		6.0		66							
	379		6.2		82-86							
	396		6.5		68-69							
	400		6.6	Small block	76-79							

## CHEVROLET MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
CAPRICE - LS	350		5.7	Car	94	CHEVELLE - GREENBRIER	350		5.7		69-72
CAVALIER	112		1.8	OHV	82		396		6.5		69
	122		2.0	OHV	83-89		400		6.6	Small block	70
	134		2.2	Ecotec	03-04		402		6.6		70-72
	134		2.2	OHV	90-02		230		3.8		68-69
	134	2198	2.2	Ecotec	02-05	CHEVELLE - MALIBU	250		4.1		68-72
	146		2.4	DOHC (Olds - Quad 4)	99-02		307		5.0		68-72
	173		2.8		85-89		327		5.4		68
	189		3.1		90		350		5.7		69-72
CAVALIER - CL	122		2.0	OHV	83		396		6.5		68-69
CAVALIER - CS	122		2.0	OHV	83-87		400		6.6	Small block	70-71
	173		2.8		85-87		402		6.6		70-72
CAVALIER - LS	134		2.2	OHV	95-98		454		7.4		70-72
	138		2.3	DOHC (Olds - Quad 4)	95	CHEVELLE - NOMAD	230		3.8		68-69
	146		2.4	DOHC (Olds - Quad 4)	96-98		250		4.1		68-72
	173		2.8		86-88		307		5.0		68-72
CAVALIER - RS	122		2.0	OHV	86-88		327		5.4		68
	134		2.2	OHV	91-98		350		5.7		69-72
	173		2.8		86-88		396		6.5		68-69
	189		3.1		91-94		400		6.6	Small block	70
CAVALIER - TYPE-10	122		2.0	OHV	83-85		402		6.6		70-72
	173		2.8		85	CHEVELLE - SS	396		6.5		66-68
CAVALIER - VL	122		2.0	OHV	88		400		6.6	Small block	71
	134		2.2	OHV	90-94	CHEVETTE	85	1393	1.4	Chevette	76-77
CAVALIER - Z24	138		2.3	DOHC (Olds - Quad 4)	95		98		1.6		76-85
	146		2.4	DOHC (Olds - Quad 4)	96-98		110	1819	1.8	Isuzu 4FB1	81-85
	173		2.8		86-89	CHEVETTE - CS	98		1.6		84-87
	189		3.1		90-94		110	1819	1.8	Isuzu 4FB1	84-86
CELEBRITY	151	2474	2.5	Pontiac Eng.	82-90	CHEVETTE - SCOOTER	85	1393	1.4	Chevette	76
	173		2.8		82-89		98		1.6		76-83
	189		3.1		90	CHEVY II	153		2.5		62-67
	260		4.3	Oldsmobile Eng	82-85		194		3.2		62-67
CHEVELLE	194		3.2		64-66		230		3.8		64-66
	230		3.8		64-67		250		4.1		67
	250		4.1		67-72		283		4.6		62-67
	283		4.6		64-67		327		5.4	Small Pin	65-67
	307		5.0		70-72	CHEVY II - NOVA	153		2.5		68-69
	327		5.4	Small Pin	64-67		230		3.8		68-69
	350		5.7		70-72		250		4.1		68-69
	396		6.5		67		307		5.0		68-69
	400		6.6	Small block	70		327		5.4		68
	402		6.6		70-72		350		5.7		68-69
	454		7.4		72	CITATION	151	2474	2.5	Pontiac Eng.	80-85
CHEVELLE - 300	230		3.8		68		173		2.8		80-85
	250		4.1		68	CLASSIC	134	2198	2.2	Ecotec	04-05
	307		5.0		68	COBALT	134	2198	2.2	Ecotec	05
	327		5.4		68	COLORADO	169	2770	2.8		04
	396		6.5		68		211	3460	3.5		04
CHEVELLE - 300 DELUXE	230		3.8		68	COLORADO - LS	169	2770	2.8		06
	250		4.1		68	COLORADO - LT	169	2770	2.8		06
	307		5.0		69		211	3460	3.5		05
	350		5.7		69	COLORADO - SPORT	211	3460	3.5		05
	396		6.5		69		169	2770	2.8		05
CHEVELLE - CONCOURS	230		3.8		68	LS	211	3460	3.5		05
	250		4.1		68-71	COLORADO - WT	169	2770	2.8		06
	307		5.0		69-72		211	3460	3.5		06
	350		5.7		69-72	COLORADO - Z71	169	2770	2.8		05
	396		6.5		69		211	3460	3.5		05
	400		6.6	Small block	70	COLORADO - Z71 LS	169	2770	2.8		05
	402		6.6		72		211	3460	3.5		05
CHEVELLE - CONCOURS ESTATE	307		5.0		69-72	COLORADO - Z85	169	2770	2.8		05
	350		5.7		69-72		211	3460	3.5		05
	396		6.5		69	COLORADO - Z85 LS	169	2770	2.8		05
	402		6.6		70-72		211	3460	3.5		05
CHEVELLE - DELUXE	250		4.1		73	CORSICA	122		2.0	OHV	87-89
	307		5.0		73		134		2.2	OHV	94-96
	350		5.7		73		173		2.8		87-89
	454		7.4		73		189		3.1		94-96
CHEVELLE - GREENBRIER	230		3.8		69	CORSICA - LT	134		2.2	OHV	90-93
	250		4.1		69-71		189		3.1		90-93
	307		5.0		69-72	CORSICA - LTZ	173		2.8		89
							189		3.1		90
						CORVETTE	235		3.9		54-55
							265		4.3		55-56

## CHEVROLET MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
CORVETTE	283		4.6		57-61	G10 VAN - EXPRESS	350		5.7	Light Truck	96-97	
	305		5.0		80	G10 VAN - SPORTVAN	230		3.8		68-69	
	327		5.4		68		250		4.1		68-84	
	327		5.4	Small Pin	62-67		262		4.3	(incl. H.O. & Turbo)	85-93	
	350		5.7		69-04		305		5.0		77-93	
	350		5.7	Car	92-96		307		5.0		68-73	
	364		6.0		05-06		350		5.7		70-86	
	427		7.0		66-69		350		5.7	Light Truck	73-93	
	454		7.4		70-74	G1500 VAN	262		4.3	(incl. H.O. & Turbo)	98	
	350		5.7		01-04		305		5.0		98	
CORVETTE - Z06	235		3.9		58		350		5.7	Light Truck	98	
	283		4.6		58	G20 VAN	230		3.8		67-69	
DEL RAY	194		3.2		64-65		250		4.1		68-84	
	230		3.8		64-69		292		4.8		71-80	
	250		4.1		67-77		262		4.3	(incl. H.O. & Turbo)	85-97	
	200		3.3		78-79		305		5.0		77-97	
	229		3.8		80-84		307		5.0		68-69	
	231		3.8	Buick Eng.	78-84		350		5.7		70-86	
	262		4.3	(incl. H.O. & Turbo)	85-87		350		5.7	Light Truck	73-97	
	267		4.4		79-82		379		6.2		83-93	
	283		4.6		59-67		395		6.5		94-97	
	305		5.0		76-87		400		6.6	Small block	75-80	
EL CAMINO	307		5.0		68-73		454		7.4		73-76	
	327		5.4		68	G20 VAN - EXPRESS	262		4.3	(incl. H.O. & Turbo)	96-97	
	327		5.4	Small Pin	64-67		305		5.0		96-97	
	350		5.7		69-79		350		5.7	Light Truck	96-97	
	350		5.7	Oldsmobile Eng.	83-84		395		6.5		97	
	396		6.5		66-70	G20 VAN - SPORTVAN	230		3.8		68-69	
	400		6.6	Small block	70-76		250		4.1		68-84	
	402		6.6		71-72		292		4.8		75-78	
	454		7.4		70-74		262		4.3	(incl. H.O. & Turbo)	85-95	
	250		4.1		77		305		5.0		77-95	
EL CAMINO - CLASSIC	305		5.0		77		307		5.0		68-69	
	350		5.7		77		350		5.7		70-86	
EL CAMINO - CUSTOM	230		3.8		68-69		350		5.7	Light Truck	73-95	
	250		4.1		68-73		379		6.2		83-93	
	307		5.0		68-72		395		6.5		94-95	
	327		5.4		68		400		6.6	Small block	75-80	
	350		5.7		69-74	G2500 VAN	262		4.3	(incl. H.O. & Turbo)	98	
	396		6.5		69		305		5.0		98	
	400		6.6	Small block	70-74		350		5.7	Light Truck	98	
	402		6.6		71-72		395		6.5		98	
	454		7.4		70-74	G30 VAN	250		4.1		71-84	
	262		4.3	(incl. H.O. & Turbo)	99-06		292		4.8		71-79	
EXPRESS 1500	305		5.0		99-02		262		4.3	(incl. H.O. & Turbo)	85-96	
	323		5.3		03-05		305		5.0		78-85	
EXPRESS 1500 - LS	325		5.3		06		350		5.7		71-80	
	350		5.7	Light Truck	99-02		350		5.7	Light Truck	73-97	
	262		4.3	(incl. H.O. & Turbo)	06		379		6.2		83-93	
	325		5.3		06		395		6.5		94-97	
	EXPRESS 1500 - LT	262		4.3	(incl. H.O. & Turbo)	06		400		6.6	Small block	75-80
		325		5.3		06		454		7.4		73-97
	EXPRESS 2500	262		4.3	(incl. H.O. & Turbo)	99-05	G30 VAN - EXPRESS	350		5.7	Light Truck	96-97
		294		4.8		03-06		395		6.5		96-97
		305		5.0		99-02		454		7.4		96-97
		323		5.3		03-05	G30 VAN - SPORTVAN	250		4.1		71-74
350			5.7	Light Truck	99-02		292		4.8		75-78	
364			6.0		03-06		350		5.7		71-86	
395			6.5		99-02		350		5.7	Light Truck	73-96	
EXPRESS 3500		294		4.8		06		379		6.2		83-93
		350		5.7	Light Truck	99-02		395		6.5		94-96
		364		6.0		03-06		400		6.6	Small block	75-80
	395		6.5		99-02		454		7.4		88-96	
	454		7.4		99-00	G3500 VAN	350		5.7	Light Truck	98	
	496		8.1		01-02		395		6.5		98	
	EXPRESS 3500 - LS	364		6.0		06		454		7.4		98
		364		6.0		06	IMPALA	230		3.8		63-65
	EXPRESS 3500 - LT	153		2.5		64-65		235		3.9		59-62
		194		3.2		64-66		250		4.1		65-79
230			3.8		66-69		207		3.4	OHV	00-05	
250			4.1		67-84		229		3.8		80-84	
262			4.3	(incl. H.O. & Turbo)	85-97		231		3.8	Buick Eng.	80-05	
305			5.0		77-97		262		4.3	(incl. H.O. & Turbo)	85	
307			5.0		69-73		267		4.4		80-82	
350			5.7		70-84		283		4.6		59-67	
350			5.7	Light Truck	73-97		305		5.0		77-85	
454			7.4		73-74		307		5.0		68	
G10 VAN - EXPRESS	262		4.3	(incl. H.O. & Turbo)	96-97		327		5.4		68-69	
	305		5.0		96-97		327		5.4	Small Pin	62-67	

**CHEVROLET MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years		
IMPALA	350		5.7		69-85	K2500 PICKUP	305		5.0		88-99		
	350		5.7	Oldsmobile Eng.	80-85		350		5.7	Light Truck	88-00		
	396		6.5		66-69		379		6.2		88-93		
	400		6.6	Small block	70-76		395		6.5		92-00		
	402		6.6		71-72		454		7.4		91-00		
	427		7.0		66-69		K2500 SUBURBAN	350		5.7	Light Truck	92-99	
	454		7.4		70-76			395		6.5		94-99	
IMPALA - CUSTOM	250		4.1		77	K30 PICKUP	454		7.4		92-99		
	305		5.0		77		250		4.1		68-74		
	350		5.7		76-77		292		4.8		68-86		
	400		6.6	Small block	76		307		5.0		68-73		
	454		7.4		76		327		5.4		68		
IMPALA - LS	231		3.8	Buick Eng.	00-05	350		5.7		69-85			
IMPALA - SS	231		3.8	Buick Eng.	04-05	350		5.7	Light Truck	73-86			
	325	5328	5.3		06	379		6.2		82-86			
IMPALA SS	350		5.7	Car	94-96	396		6.5		68			
K10 PICKUP	230		3.8		64-69	K3500 PICKUP	400		6.6	Small block	77-80		
	235		3.9		61-62		454		7.4		73-86		
	250		4.1		66-84		350		5.7	Light Truck	88-00		
	261		4.3		61-62		379		6.2		88-93		
	292		4.8		64-80		395		6.5		92-00		
	262		4.3	(incl. H.O. & Turbo)	85-86		454		7.4		88-00		
	283		4.6		61-67		KINGSWOOD	350		5.7		69-72	
	305		5.0		77-86			400		6.6	Small block	70-72	
	307		5.0		68-69			402		6.6		71-72	
	327		5.4		68			454		7.4		70-72	
	327		5.4	Small Pin	62-67			KINGSWOOD - ESTATE	350		5.7		69-72
	350		5.7		69-86		400			6.6	Small block	70-72	
	350		5.7	Light Truck	73-86		402			6.6		71-72	
	379		6.2		82-86		454			7.4		72	
	396		6.5		68		LAGUNA		305		5.0		76
	400		6.6	Small block	75-80			350		5.7		73-76	
	454		7.4		74-80			400		6.6	Small block	74-76	
	K10 SUBURBAN	250		4.1				68-80	454		7.4		73-74
		305		5.0				76-86	350		5.7		73
		307		5.0			68-73	454		7.4		73	
327			5.4		68	LLV (POSTAL VEHICLE)	134		2.2	OHV	94-95		
350			5.7		69-86		151	2474	2.5	Pontiac Eng.	87-93		
350			5.7	Light Truck	73-86		133	2180	2.2	OHV	93		
379			6.2		82-86		151	2474	2.5	Pontiac Eng.	90-92		
396			6.5		68		189		3.1		90-01		
400			6.6	Small block	75-79	231		3.8	Buick Eng.	99			
402			6.6		71	LUMINA - EURO	189		3.1		90-94		
K1500 PICKUP	262		4.3	(incl. H.O. & Turbo)	88-98		207		3.4	DOHC	92-94		
	305		5.0		88-99	189		3.1		95-97			
	350		5.7	Light Truck	88-99	207		3.4	DOHC	95-96			
	379		6.2		88-93	LUMINA - LTZ	189		3.1		97-98		
	395		6.5		94-98		207		3.4	DOHC	97		
K1500 SUBURBAN	350		5.7	Light Truck	92-99	231		3.8	Buick Eng.	98			
	395		6.5		94-99	207		3.4	DOHC	91-94			
K20 PICKUP	230		3.8		64-65	LUMINA - Z34	207		3.4	DOHC	90-95		
	235		3.9		61-62		189		3.1		96		
	250		4.1		66-80	LUMINA APV	207		3.4	OHV	96		
	261		4.3		61-62		231		3.8	Buick Eng.	92-95		
	292		4.8		64-86	LUV PICKUP	111		1.8	Isuzu G180Z, OHC	72-82		
	262		4.3	(incl. H.O. & Turbo)	85		134		2.2	Isuzu C223	81-82		
	283		4.6		61-67	MALIBU	134	2198	2.2	Ecotec	04-05		
	305		5.0		77-85		146		2.4	DOHC (Olds - Quad 4)	97-99		
	307		5.0		68-69		194		3.2		64-66		
	327		5.4		68		230		3.8		64-67		
	327		5.4	Small Pin	62-67		250		4.1		67-77		
	350		5.7		69-86	189		3.1		97-03			
	350		5.7	Light Truck	73-86	200		3.3		78-79			
	366		6.0		66	229		3.8		80-83			
	379		6.2		82-86	231		3.8	Buick Eng.	78-83			
396		6.5		68	260		4.3	Oldsmobile Eng	83				
400		6.6	Small block	75-80	267		4.4		79-81				
454		7.4		73-80	283		4.6		64-67				
K20 SUBURBAN	250		4.1		68-74	305		5.0		76-83			
	292		4.8		68-86	307		5.0		73			
	305		5.0		77-86	327		5.4	Small Pin	64-67			
	307		5.0		68-73	350		5.7		73-81			
	327		5.4		68	350		5.7	Oldsmobile Eng.	83			
	350		5.7		69-86	396		6.5		66-67			
	350		5.7	Light Truck	73-86	400		6.6	Small block	74-76			
	379		6.2		82-86	454		7.4		73-74			
	400		6.6	Small block	75-80	MALIBU - CLASSIC	250		4.1		74-77		
	454		7.4		73-85								
K2500 PICKUP	262		4.3	(incl. H.O. & Turbo)	88-95								

## CHEVROLET MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
MALIBU - CLASSIC	200		3.3		78-79	P10 SERIES	194		3.2		66
	229		3.8		80-82		230		3.8		63-67
	231		3.8	Buick Eng.	78-82		235		3.9		62
	260		4.3	Oldsmobile Eng	82		292		4.8		67
	267		4.4		79-82		283		4.6		62
	305		5.0		76-82		327		5.4	Small Pin	62
	350		5.7		74-79		230		3.8		68-69
	350		5.7	Oldsmobile Eng.	82		250		4.1		68-74
	400		6.6	Small block	74-76		292		4.8		75-80
	454		7.4		74-75		305		5.0		79
MALIBU - ESTATE	307		5.0		73	350		5.7		77-78	
	350		5.7		73-76	350		5.7	Light Truck	73-75	
	400		6.6	Small block	74-76	400		6.6	Small block	77	
454		7.4		73-74	454		7.4		73		
MALIBU - LS	189		3.1		97-03	P20 SERIES	230		3.8		63-65
	METRO	61	993	1.0	Suzuki G10		98-00	235		3.9	
	79	1295	1.3	Suzuki G13BA	92-00		250		4.1		66
METRO - GSI	79	1295	1.3	Suzuki G13BA	92		292		4.8		64-67
METRO - LSI	79	1295	1.3	Suzuki G13BA	98-01		283		4.6		61-62
MONTE CARLO	189		3.1		99	327		5.4	Small Pin	62	
	200		3.3		78-79	366		6.0		66-67	
	229		3.8		80-84	250		4.1		70-74	
	231		3.8	Buick Eng.	78-99	292		4.8		68-89	
	260		4.3	Oldsmobile Eng	82-83	307		5.0		68-69	
	262		4.3	(incl. H.O. & Turbo)	85-88	350		5.7		70-79	
	267		4.4		79-82	350		5.7	Light Truck	73-89	
	305		5.0		76-88	379		6.2		82-89	
	350		5.7		70-81	454		7.4		70-79	
	350		5.7	Oldsmobile Eng.	82-84	P30 SERIES	230		3.8		63-65
	400		6.6	Small block	70-76		235		3.9		61
	402		6.6		70-72		250		4.1		66
	454		7.4		70-75		292		4.8		64-67
	189		3.1		95-98		283		4.6		61-62
	207		3.4	OHV	00-05	327		5.4	Small Pin	62	
MONTE CARLO - LT	231		3.8	Buick Eng.	05	366		6.0		66-67	
MONTE CARLO - SS	231		3.8	Buick Eng.	00-05	250		4.1		70-79	
	305		5.0		84-88	292		4.8		68-89	
	325	5328	5.3		06	262		4.3	(incl. H.O. & Turbo)	90-99	
MONTE CARLO - Z34	207		3.4	DOHC	95-97	307		5.0		68-69	
	231		3.8	Buick Eng.	98	350		5.7		70-80	
MONZA	140		2.3	SOHC	75-77	350		5.7	Light Truck	73-99	
	151	2474	2.5	Pontiac Eng.	78-80	379		6.2		82-93	
	196		3.2	Buick Eng.	78-79	395		6.5		94-99	
	231		3.8	Buick Eng.	78-80	400		6.6	Small block	72-76	
	262		4.3		75-76	454		7.4		70-99	
	305		5.0		76-79	PRIZM	110		1.8	Toyota 1ZZFE	98-02
350		5.7		75	R10 PICKUP		262		4.3	(incl. H.O. & Turbo)	87
MONZA - 2+2	140		2.3	SOHC	76-77	305		5.0		87	
	151	2474	2.5	Pontiac Eng.	78-80	350		5.7	Light Truck	87	
	196		3.2	Buick Eng.	78-79	379		6.2		87	
	231		3.8	Buick Eng.	78-80	R10 SUBURBAN	305		5.0		87
	262		4.3		76	350		5.7	Light Truck	87-88	
	305		5.0		76-79	379		6.2		87-88	
NOVA	98	1588	1.6	Toyota 4AGE	88	R1500 SUBURBAN	350		5.7	Light Truck	89-91
	98	1588	1.6	Toyota 4ALC	85-88	379		6.2		89-91	
	153		2.5		62-70	R20 PICKUP	292		4.8		87-88
	194		3.2		62-67	262		4.3	(incl. H.O. & Turbo)	87	
	230		3.8		64-70	305		5.0		87	
	250		4.1		67-79	350		5.7	Light Truck	87-88	
	262		4.3		75	379		6.2		87-88	
	283		4.6		62-67	454		7.4		87-88	
	305		5.0		76-79	R20 SUBURBAN	350		5.7	Light Truck	87-88
	307		5.0		70-73	379		6.2		87-88	
	327		5.4	Small Pin	65-67	454		7.4		87-88	
	350		5.7		70-79	R2500 PICKUP	379		6.2		89
	396		6.5		70	454		7.4		89	
	402		6.6		70	R2500 SUBURBAN	350		5.7	Light Truck	89-91
	NOVA - CONCOURS	250		4.1		76-77	379		6.2		89-91
	305		5.0		76-77	454		7.4		89-91	
	350		5.7		76-77	R30 PICKUP	292		4.8		
NOVA - CUSTOM	250		4.1		73-79	350		5.7	Light Truck	87-88	
	262		4.3		75	379		6.2		87-88	
	305		5.0		78-79	454		7.4		87-88	
	307		5.0		73	R3500 PICKUP	350		5.7	Light Truck	89-91
	350		5.7		73-79	379		6.2		89-91	
ONE-FIFTY SERIES	235		3.9		54-57	454		7.4		89-91	
	265		4.3		55-57	S10 BLAZER	119		1.9	Isuzu G200Z, OHC	83-84
	283		4.6		57		122		2.0	OHV	83-84
P10 SERIES	153		2.5		63-65		134		2.2	Isuzu C223	84

**CHEVROLET MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
S10 BLAZER	151	2474	2.5	Pontiac Eng.	85-88	TAHOE	323		5.3		00-04
	173		2.8		83-90		325	5328	5.3		06
	262		4.3	(incl. H.O. & Turbo)	88-94		350		5.7	Light Truck	95-00
S10 PICKUP	119		1.9	Isuzu G200Z, OHC	82-85		395		6.5		95-99
	122		2.0	OHV	83-84	TAHOE - LS	294		4.8		05-06
	134		2.2	Isuzu C223	83-85		323		5.3		05
	134		2.2	OHV	94-03		325	5328	5.3		06
	151	2474	2.5	Pontiac Eng.	85-93	TAHOE - LT	323		5.3		05
	173		2.8		82-93		325	5328	5.3		06
	262		4.3	(incl. H.O. & Turbo)	88-04	TAHOE - Z71	323		5.3		05
SILVERADO - SS	364		6.0		03-06		325	5328	5.3		06
SILVERADO 1500	262		4.3	(incl. H.O. & Turbo)	99-05	TOWNSMAN	350		5.7		69-72
	294		4.8		99-05		400		6.6	Small block	70-72
	323		5.3		99-05		402		6.6		72
SILVERADO 1500 - LS	262		4.3	(incl. H.O. & Turbo)	06		454		7.4		70-72
	294		4.8		06	TRACKER	98	1588	1.6	Suzuki G16KV	98-00
	325		5.3		06		122		2.0	Suzuki J20A	99-03
	325	5328	5.3		06	TRAILBLAZER	256		4.2		02-04
SILVERADO 1500 - LT	294		4.8		06	TRAILBLAZER - EXT	256		4.2		02-04
	325		5.3		06		325		5.3		03-04
	325	5328	5.3		06	TRAILBLAZER - EXT					
	364		6.0		06	LS	256		4.2		05-06
SILVERADO 1500 - WT	262		4.3	(incl. H.O. & Turbo)	06		323		5.3		05
	294		4.8		06		325		5.3		06
	325		5.3		06	TRAILBLAZER - EXT					
	325	5328	5.3		06	LT	256		4.2		05-06
SILVERADO 1500 HD	364		6.0		01-05		323		5.3		05
SILVERADO 1500 HD - LT	364		6.0		06		325		5.3		06
SILVERADO 2500	323		5.3		99-00	TRAILBLAZER - LS	256		4.2		05-06
	364		6.0		99-04		325		5.3		06
	496		8.1		01-02	TRAILBLAZER - LT	256		4.2		05-06
SILVERADO 2500 HD	364		6.0		01-05		325		5.3		06
	496		8.1		01-05	TRAILBLAZER - SS	364		6.0		06
						TRUCK	216		3.5		42-53
SILVERADO 2500 HD - LS	364		6.0		06		235		3.9		52-60
SILVERADO 2500 HD - LT	364		6.0		06		261		4.3		54-59
SILVERADO 2500 HD - WT	364		6.0		06		265		4.3		55-57
SILVERADO 3500	364		6.0		06	TWO-TEN SERIES	283		4.6		57-60
	496		8.1		01-05		235		3.9		54-57
SILVERADO 3500 - LS	364		6.0		06		265		4.3		55-57
SILVERADO 3500 - LT	364		6.0		06	V10 PICKUP	283		4.6		57
SILVERADO 3500 - WT	364		6.0		06		262		4.3	(incl. H.O. & Turbo)	87
SPECTRUM	92	1471	1.5	Isuzu 4XC1	85-88		305		5.0		87
	92	1471	1.5	Isuzu 4XC1T	87-88		350		5.7	Light Truck	87
SPRINT	61	993	1.0	Suzuki G10	85-91		379		6.2		87
	61	993	1.0	Suzuki G10T	87-91	V10 SUBURBAN	350		5.7	Light Truck	87-88
SPRINT - ER	61	993	1.0	Suzuki G10	87-88		379		6.2	Light Truck	89-91
SPRINT - PLUS	61	993	1.0	Suzuki G10	86	V1500 SUBURBAN	350		5.7	Light Truck	89-91
SSR	325		5.3		03		292		4.8		87
	364		6.0		05-06	V20 PICKUP	350		5.7	Light Truck	87
SUBURBAN	230		3.8		63-67		379		6.2		87
	235		3.9		61-62	V20 SUBURBAN	350		5.7	Light Truck	87-88
	250		4.1		66-67		379		6.2		87-88
	292		4.8		63-67	V2500 SUBURBAN	350		5.7	Light Truck	89-91
	283		4.6		61-67		379		6.2		89-91
	327		5.4	Small Pin	62-67		454		7.4		90
	366		6.0		66	V30 PICKUP	292		4.8		87-88
SUBURBAN 1500	323		5.3		00-04		350		5.7	Light Truck	87-88
	325	5328	5.3		06		379		6.2		87-88
SUBURBAN 1500 - LS	323		5.3		05	V3500 PICKUP	350		5.7	Light Truck	89-91
	325	5328	5.3		06		379		6.2		89-91
SUBURBAN 1500 - LT	323		5.3		05		454		7.4		89-91
	325	5328	5.3		06	VEGA	122		2.0	DOHC	75
SUBURBAN 1500 - LTZ	325	5328	5.3		06		140		2.3	SOHC	71-77
SUBURBAN 1500 - Z71	323		5.3		05	VEGA - COSWORTH	122		2.0	DOHC	76
	325	5328	5.3		06	VEGA - PANEL	140		2.3	SOHC	74-75
SUBURBAN 2500	323		5.3		00	VENTURE	207		3.4	OHV	97-04
	364		6.0		00-04	VENTURE - LS	207		3.4	OHV	05
	496		8.1		01-04	VENTURE - LT	207		3.4	OHV	05
SUBURBAN 2500 - LS	364		6.0		05-06	VENTURE - PLUS	207		3.4	OHV	05
	496		8.1		05						
SUBURBAN 2500 - LT	364		6.0		05-06						
	496		8.1		05						
TAHOE	294		4.8		00-06						

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
61 993cc (1.0) Suzuki G10T Turbo		2	L3	74mm x 77mm		Connecting Rod 24-27 ft.lbs/32-36 Nm			
61 993cc (1.0) Suzuki G10		5	L3	74mm x 77mm		Main Bearing 36-41 ft.lbs/49-55 Nm			
61 993cc (1.0) Suzuki G10		6	L3	74mm x 77mm					
61 993cc (1.0) Suzuki G10		M	L3	74mm x 77mm					
<b>Rod</b>									
3B8336 Std. .25 .50 .75 1.0	41.983/1.6529		44.998/1.7716	1.490/0.0587	.020/.0008	18.00/0.709	F780	6	8336 IH
	41.999/1.6535		45.018/1.7724		.068/.0027				
<b>Main</b>									
4M8337 Std. .25 .50 .75 1.0	44.983/1.7710		48.998/1.9291	2.000/0.0787	.020/.0008	18.00/0.709	F780	8	8337 U/L
	44.998/1.7716		49.018/1.9298		.068/.0027				
<b>Thrust</b>									
1T8337 Std.	52.250/2.0571 (Nominal I.D.)		67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T IH
<i>Note: Thrust set includes two pieces, use on No.3 position. Required with 4M8337 main set.</i>									
<b>2 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
79 1295cc (1.3) Suzuki G13BA		2	L4	74mm x 75.5mm		Connecting Rod 24-27ft.lbs/33-37 Nm			
79 1295cc (1.3) Suzuki G13BA		9	L4	74mm x 75.5mm		Main Bearing 37-41 ft.lbs/50-56 Nm			
<b>Rod</b>									
4B8336 Std. .25 .50 .75 1.0	41.984/1.6529		44.998/1.7716	1.490/0.0587	.020/.0008	18.00/0.709	F780	8	8336 IH
	41.999/1.6535		45.018/1.7724		.068/.0027				
<b>Main</b>									
5M8337 Std. .25 .50 .75 1.0	44.983/1.7710		48.998/1.9291	2.000/0.0787	.020/.0008	18.00/0.709	F780	10	8337 U/L
	44.998/1.7716		49.018/1.9298		.068/.0027				
<b>Thrust</b>									
1T8337 Std.	52.250/2.0571 (Nominal I.D.)		67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T IH
<i>Note: Thrust set includes two pieces, use on No.3 position. Required with 5M8337 main set.</i>									
<b>3 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
85 1393cc (1.4) Chevette		I	L4	3.23 x 2.60		Connecting Rod 37 ft.lbs/50 Nm (1976-77 engines only)			
98 (1.6)		0	L4	3.23 x 2.99		Connecting Rod 40 ft.lbs/54 Nm (1978-87 engines only)			
98 (1.6)		9	L4	3.23 x 2.99		Main Bearing 46 ft.lbs/63 Nm (1976-77 engines only)			
98 (1.6)		C	L4	3.23 x 2.99		Main Bearing 50 ft.lbs/68 Nm (1978-87 engines only)			
98 (1.6)		E	L4	3.23 x 2.99					
98 (1.6)		J	L4	3.23 x 2.99					
<b>Rod</b>									
4B1216P Std. 10 20 30	45.959/1.8094		49.000/1.9291	1.500/0.0591	.036/.0014	19.05/0.750	F780	8	1216 IH
	45.984/1.8104		49.012/1.9296		.089/.0035				
<b>Main</b>									
5M1424P Std. 10 20 30	50.998/2.0078		54.986/2.1648	1.970/0.0777	.023/.0009	17.98/0.708	F780	8	MB2737AL IH
	51.024/2.0088		55.011/2.1658		.089/.0035				
5 (FI)	50.988/2.0074		54.986/2.1648	1.980/0.0778	.041/.0016	23.90/0.941	F780	2	MB2738AL IH
	51.013/2.0084		55.011/2.1658		.107/.0042				
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
92 1471cc (1.5) Isuzu 4XC1		7	L4	77mm x 79mm		Connecting Rod 24-27 ft.lbs/32-36 Nm			
92 1471cc (1.5) Isuzu 4XC1T Turbo		9	L4	77mm x 79mm		Main Bearing 61-69 ft.lbs/83-93 Nm			
92 1471cc (1.5) Isuzu 4XC1		K	L4	77mm x 79mm					
<b>Rod</b>									
4B1870 Std. .25 .50 .75	39.929/1.5720		42.980/1.6921	1.506/0.0593		17.00/0.669	F780	8	1870 IH
	39.945/1.5726		43.000/1.6929						
<b>Main</b>									
5M1869 Std. .25 .50 .75	47.918/1.8865		51.976/2.0463	2.010/0.0791	.018/.0007	17.00/0.669	F780	10	1869 U/L
	47.938/1.8873		52.000/2.0472		.089/.0035				



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									
<b>4</b>									

**Thrust**

3	54.700/2.1535 54.900/2.1614	69.700/2.7441 69.900/2.7520			2.20/0.087	F250	2	1869T IH	1T1869 Std.
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Note: Thrust set includes two pieces. Use on No. 3 position. Required with 5M1869 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
98 1588cc (1.6) Toyota 4ALC	4	L4	81mm x 77mm	Connecting Rod 36 ft. lbs/49 Nm					
98 1588cc (1.6) Toyota 4AGE	5	L4	81mm x 77mm	Main Bearing 44 ft. lbs/59 Nm					

**Rod - for SOHC Type 4 engines only.**

	39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.498/0.0590	.005/.0002 .069/.0027	17.09/0.673	F810	8	1710A IH	4B1710 Std. .25 .50 .75 1.0
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**Rod - for DOHC Type 5 engines only.**

	41.986/1.6530 42.000/1.6535	45.001/1.7717 45.024/1.7726	1.490/0.0587	.020/.0008 .084/.0033	17.09/0.673	F780	8	1780 IH	4B1780 Std. .25 .50 .75 1.0
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**Main**

1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1695A L	5M1695 Std. .25 .50 .75 1.0
1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1704A U	

**Thrust**

3	53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984			2.49/0.098	F861	4	1695T U/L	2T1695 Std.
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Note: Thrust set includes four pieces, use on No. 3 position. Required with 5M1695 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
98 1588cc (1.6) Suzuki G16KV	6	L4	75mm x 90mm	Connecting Rod 24-27 ft. lbs/33-37 Nm					
				Main Bearing 37-41 ft. lbs/50-56 Nm					

**Rod**

	43.983/1.7316 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.495/0.0589	.010/.0004 .076/.0030	18.10/0.713	F780	8	8340 IH	4B8340 Std. .25 .50 .75 1.0
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**Main**

1-5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.005/0.0789	.010/.0004 .072/.0028	18.10/0.713	F780	10	8339 U/L	5M8339 Std. .25 .50 .75 1.0
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**Thrust**

3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.52/0.099	F817	2	8339T IH	1T8339 Std.
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Note: Set includes two pieces, use on No. 3 position. Required with 5M8339 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
110 1819cc (1.8) Isuzu 4FB1 Diesel D	L4	L4	84mm x 82mm	Connecting Rod 58-65 ft. lbs/79-88 Nm					
				Main Bearing 116-130 ft. lbs/158-177 Nm					

**Rod**

	48.924/1.9261 48.936/1.9266	51.972/2.0461 51.985/2.0466	1.509/0.0594	.015/.0006 .066/.0026	22.00/0.866	F780	8	1881 IH	4B1881 Std. .25 .50 .75 1.0
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**Main**

1,2,4,5	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.013/0.0793	.023/.0009 .081/.0032	21.75/0.856	F810	8	1882A U/L	5M1883 Std. .25 .50 .75 1.0
3	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.013/0.0793	.023/.0009 .081/.0032	21.75/0.856	F810	1	1882A U	
3	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.013/0.0793	.023/.0009 .081/.0032	21.75/0.856	F810	1	1883A L	

**Thrust - for 8/82-86 engines only.**

3	63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570			2.36/0.093	F817	2	1824T IH	1T1824 Std.
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Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M1883 main set.

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>7 (Cont'd.)</b>									
<b>1T3286</b> Std.	3	62.610/2.4650 62.860/2.4748	79.950/3.1476 80.200/3.1575			2.36/0.093	F817	2	3286T IH
<i>Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M1883 main set.</i>									
<b>5C8083</b> Std.	1-5	29.975/1.1801 (Nominal)	31.025/1.2215 (Nominal)	1.501/0.0591		16.00/0.630	F23	5	8083
<b>Cam</b>									
<b>RB4072</b> Semi		25.000/0.9843 (Nominal)	28.025/1.1033 (Nominal)	1.529/0.0602		26.75/1.053	F100	1	RB4072
<b>Small End - single pieces.</b>									
<b>8 ENGINE</b>									
<b>111 (1.8) Isuzu G180Z, OHC</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
		<b>N</b>	<b>L4</b>	<b>84mm x 82mm</b>		<b>Connecting Rod 33 ft.lbs/58 Nm</b> 1976-82 engines only.			
						<b>Connecting Rod 43 ft.lbs/58 Nm</b> 1972-75 engines only.			
						<b>Main Bearing 58-86 ft.lbs/79-116 Nm</b>			
						<b>Main Bearing 72 ft.lbs/97 Nm</b>			
<b>4B2816</b> Std. .25 .50 .75 1.0	<b>Rod</b>	48.925/1.9262 48.940/1.9268	51.985/2.0466 52.000/2.0472	1.513/0.0596	.019/.0007 .075/.0030	22.09/0.870	F780	8	2816 IH
<b>5M2817</b> Std. .25 .50 .75 1.0	<b>Main</b>	55.920/2.2016 55.935/2.2022	58.980/2.3220 59.000/2.3228	1.513/0.0596	.019/.0007 .080/.0031	32.13/1.265	F780	6	2817 IH
	2,4	55.920/2.2016 55.935/2.2022	58.980/2.3220 59.000/2.3228	1.513/0.0596	.019/.0007 .080/.0031	21.08/0.830	F780	4	2818 IH
<b>1T3286</b> Std.	<b>Thrust</b>	62.610/2.4650 62.860/2.4748	79.950/3.1476 80.200/3.1575			2.36/0.093	F817	2	3286T IH
<i>Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M2817 main set.</i>									
<b>3C6127</b> Std.	<b>Cam</b>	44.975/1.7707 (Nominal)	48.010/1.8902 48.030/1.8909	1.500/0.0591	.035/.0014 .095/.0037	25.42/1.001	F23	3	6127
<b>3C1190S</b> Std.	<b>AR Auxiliary - suits 1972-75 engines only.</b>		47.993/1.8895	1.488/0.0586		25.00/0.984	F23	3	AGB-14-1
<b>9 ENGINE</b>									
<b>112 (1.8) OHV</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
		<b>G</b>	<b>L4</b>	<b>3.50 x 2.91</b>		<b>Connecting Rod 34-43 ft.lbs/47-58 Nm</b>			
						<b>Main Bearing 63-77 ft.lbs/85-105 Nm</b>			
<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH
<b>5M1524P</b> Std. .25 .50 .75	<b>Main</b>	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	6	7123 IH
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7162 IH
	5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.021/.0008 .093/.0037	20.95/0.825	F780	2	7125 U/L
<b>5C1195S</b> Std.	<b>Cam</b>	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
	2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
	3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>10</b>
110 (1.8) Toyota 1ZZFE			8	L4	79mm x 91.5mm	<b>Connecting Rod 15 ft.lbs + 90 deg</b> <b>Main Bearing +45 deg, +45 deg</b> Step 3 (12 point bolt) <b>Main Bearing 14 ft.lbs</b> 6 point bolt <b>Main Bearing 16 ft.lbs</b> Step 1 (12 point bolt) <b>Main Bearing 32 ft.lbs</b> Step 2 (12 point bolt)				

**Rod - High Strength Aluminum Silicon material.**

43.993/1.7320	47.000/1.8504	1.496/0.0589	.020/0.008	15.70/0.618	F810	8	1851
44.000/1.7323	47.023/1.8513		.043/0.017				

**4B1851**  
Std. .25 .50 .75

**Main - High Strength Aluminum Silicon material.**

1-5	47.986/1.8892	52.000/2.0472	2.007/0.0790	.015/0.006	17.00/0.669	F810	10	1853
	48.001/1.8898	52.017/2.0479		.033/0.013				U/L

**5M1853**  
Std. .25 .50 .75

**Thrust**

53.600/2.1102	69.550/2.7382			2.48/0.098	F817	2	1853T
53.850/2.1201	69.800/2.7480						IH
(I.D.)	(O.D.)						

**1T1853**  
Std.

*Set includes two pieces. Required with 5M1853 main set.*

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>11</b>
119 (1.9) Isuzu G200Z, OHC			A	L4	87mm x 82mm	<b>Connecting Rod 43 ft.lbs/58 Nm</b> <b>Main Bearing 72 ft.lbs/97 Nm</b>				

**Rod**

48.925/1.9262	51.987/2.0467	1.513/0.0596	.021/0.008	22.00/0.866	F810	8	2821A
48.940/1.9268	52.000/2.0472		.076/0.030				IH

**4B2821**  
Std. .25 .50 .75 1.0 1.25 1.50

**Main**

1,3,5	55.920/2.2016	58.980/2.3220	1.513/0.0596	.019/0.007	32.13/1.265	F780	6	2817
	55.935/2.2022	59.000/2.3228		.080/0.031				IH
2,4	55.920/2.2016	58.980/2.3220	1.513/0.0596	.019/0.007	21.08/0.830	F780	4	2818
	55.935/2.2022	59.000/2.3228		.080/0.031				IH

**5M2817**  
Std. .25 .50 .75 1.0

**Thrust**

3	62.610/2.4650	79.950/3.1476			2.36/0.093	F817	2	3286T
	62.860/2.4748	80.200/3.1575						IH

**1T3286**  
Std.

*Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M2817 main set.*

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>12</b>
122 (2.0) OHV			1	L4	3.50 x 3.15	<b>Connecting Rod 34-43 ft.lbs/47-58 Nm</b> <b>Main Bearing 63-77 ft.lbs/85-105 Nm</b>				
122 (2.0) OHV			B	L4	3.50 x 3.15					
122 (2.0) OHV			P	L4	3.50 x 3.15					
122 (2.0) OHV			Y	L4	3.50 x 3.15					

**Rod**

50.775/1.9990	53.967/2.1247	1.577/0.0621	.013/0.005	21.38/0.842	F780	8	2370
50.800/2.0000	53.980/2.1252		.077/0.030				IH

**4B745P**  
Std. 01 10 20 30 40

**Main - 122 (2.0L) VIN B,P,Y engines only.**

1,2,3	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/0.008	18.72/0.737	F780	6	7123
	63.383/2.4954	68.273/2.6880		.093/0.037				IH
4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/0.008	23.93/0.942	F780	2	7124
	63.383/2.4954	68.273/2.6880		.093/0.037				IH
5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/0.008	20.95/0.825	F780	2	7125
	63.383/2.4954	68.273/2.6880		.093/0.037				U/L

**5M1567P**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*
**Main - 122 (2.0L) VIN 1 engines only.**

1,2,3,5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/0.008	18.72/0.737	F780	8	7123
	63.383/2.4954	68.273/2.6880		.093/0.037				IH
4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/0.008	23.93/0.942	F780	2	7124
	63.383/2.4954	68.273/2.6880		.093/0.037				IH

**5M7124P**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 12 (Cont'd.)

<b>5M7167P</b> .25 .50 .75 1.0	<b>Main - Alternate set to 5M1567P with +0.100 mm overflange length increase. * See below for dimensional information.</b>									
	1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.020/.0008 .093/.0037	18.72/0.737	F780	6	7123 IH	
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.020/.0008 .093/.0037	24.03/0.946	F780	2	7167 IH	
	5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.020/.0008 .093/.0037	20.95/0.825	F780	2	7125 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 5M7167P</b>									
				<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>			
	0.25 mm u/s shaft			24.03 mm			+0.100 mm			
	0.50 mm u/s shaft			24.03 mm			+0.100 mm			
	0.75 mm u/s shaft			24.03 mm			+0.100 mm			
1.00 mm u/s shaft			24.03 mm			+0.100 mm				
<b>5C1195S</b> Std.	<b>Cam</b>									
	1	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1	
	2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4	
	3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	

## 13 ENGINE

122 (2.0) DOHC  
122 (2.0) DOHC  
140 (2.3) SOHC  
140 (2.3) SOHC

**VIN**   **CYL**   **Bore x Stroke**  
E   L4   3.50 x 3.16  
O   L4   3.50 x 3.16  
A   L4   3.50 x 3.63  
B   L4   3.50 x 3.63

### TORQUE SETTINGS

Connecting Rod 35 ft.lbs/48 Nm  
Main Bearing 65 ft.lbs/88 Nm

<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH
<b>5M1050P</b> Std. 10 20	<b>Main</b>								
	1,2,3	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	20.50/0.807	F780	6	MB3135P U/L
	4 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	25.63/1.009	F780	2	MB2588P U/L
	5	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	22.88/0.901	F780	2	MB2589P U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5C716S</b> Std.	<b>Cam</b>								
	1	57.942/2.2812 57.968/2.2822	61.265/2.4120 61.290/2.4130	1.633/0.0643		17.40/0.685	F23	1	CH-13-1
	2,3,4,5	57.942/2.2812 57.968/2.2822	61.265/2.4120 61.290/2.4130	1.633/0.0643		17.40/0.685	F23	4	CH-13-2

## 14 ENGINE

122 (2.0) Suzuki J20A

**VIN**   **CYL**   **Bore x Stroke**  
C   L4   84mm x 90mm

### TORQUE SETTINGS

Main Bearing 20 ft.lbs (10 mm bolt)  
Main Bearing 44 ft.lbs (8 mm bolt)

<b>4B8306</b> Std. .25 .50 .75	<b>Rod</b>								
		49.982/1.9678 50.000/1.9685	53.000/2.0866 53.018/2.0873	1.490/0.0587	.020/.0008 .076/.0030	16.13/0.635	F780	8	8306 IH
<b>5M8307</b> Std. .25 .50 .75	<b>Main</b>								
	1-5	57.982/2.2828 58.000/2.2835	62.000/2.4409 62.018/2.4416	2.003/0.0789		19.12/0.753	F780	10	8307 U/L
<b>1T8307</b> Std.	<b>Thrust</b>								
		71.500/2.8150 (Nominal I.D.)	84.550/3.3287 (Nominal O.D.)			2.50/0.098	F817	2	8307T IH
<i>Note: Set includes two pieces. Required with 5M8307 main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>15</b>
133 2180cc (2.2) OHV (LN2)			4	L4	3.50 x 3.46	Connecting Rod 38 ft.lbs/51 Nm				
134 (2.2) OHV			4	L4	3.50 x 3.46	Main Bearing 70 ft.lbs/95 Nm				
134 (2.2) OHV			5	L4	3.50 x 3.46					
134 (2.2) OHV			G	L4	3.50 x 3.46					

**Rod**

50.775/1.9990	53.967/2.1247	1.577/0.0621	.013/.0005	21.38/0.842	F780	8	2370
50.800/2.0000	53.980/2.1252		.077/.0030				IH

**4B745P**  
Std. 01 10 20 30 40

**Main - for Cars (1990-96) & Trucks (1994-97). (This set contains shells that have the same tang location for positions #1,2,3 & 5)**

1,2,3,5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	8	7123
	63.383/2.4954	68.273/2.6880		.093/.0037				IH
4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7124
	63.383/2.4954	68.273/2.6880		.093/.0037				IH

**5M7124P**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*
**Main - for Cars (1997 on) & Trucks (1998 on). Different tang location for #3 position bearing.**

1,2,5	63.358/2.4944	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	6	7123
	63.383/2.4954	68.275/2.6880		.097/.0038				IH
3	63.358/2.4944	68.250/2.6870	2.423/0.0954	.021/.0008	20.75/0.817	F780	2	7164
	63.383/2.4954	68.275/2.6880		.097/.0038				IH
4 (FI)	63.358/2.4944	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7124
	63.383/2.4954	68.275/2.6880		.097/.0038				IH

**5M7164P**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*
**Main - Alt set to 5M7164P with +0.010" overflange length increase. \* See dimensional information below.**

1,2,5	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	18.72/0.737	F780	6	7123
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH
3	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	20.75/0.817	F780	2	7164
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH
4 (FI)	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	24.18/0.952	F780	2	7183
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH

**5M7183P**  
.25 .50 .75 1.0

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M7183P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.283/2.0190	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
	47.490/1.8697	51.308/2.0200						
2,5	47.440/1.8677	51.029/2.0090	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
	47.490/1.8697	51.079/2.0110						
3,4	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010						

**5C1195S**  
Std.

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>16</b>
134 (2.2) Isuzu C223 Diesel			S	L4	88mm x 92mm	Connecting Rod 58-65 ft. lbs/79-88 Nm				
						Main Bearing 116-130 ft.lbs/158-177 Nm				

**Rod - for 1981 - 10/83 engines only.**

52.918/2.0834	55.980/2.2039	1.513/0.0596	.020/.0008	22.50/0.886	F780	8	1320
52.930/2.0839	56.000/2.2047		.079/.0031				IH

**4B1320**  
Std. .25 .50 .75 1.0

**Rod - for 11/83 - 1985 engines only.**

52.918/2.0834	55.980/2.2039	1.508/0.0594	.034/.0013	21.50/0.846	F780	8	1830
52.930/2.0839	56.000/2.2047		.092/.0036				IH

**4B1830**  
Std. .25 .50 .75

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>16 (Cont'd.)</b>									
<b>5M1188</b> Std. .25 .50 .75	<b>Main - for 1981 - 10/83 engines only.</b>								
	1,5	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	27.65/1.089	F780	4	1188
		59.932/2.3595	64.000/2.5197		.074/.0029				IH
	2,4	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	23.13/0.911	F780	4	1194
		59.932/2.3595	64.000/2.5197		.074/.0029				IH
	3	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	28.85/1.136	F780	2	1189
59.932/2.3595		64.000/2.5197		.074/.0029				IH	
<b>5M1827</b> Std. .25 .50 .75	<b>Main - for 11/83 - 1985 engines only.</b>								
	1,5	59.920/2.3591	63.975/2.5187	2.012/0.0792	.023/.0009	27.65/1.089	F780	4	1827
		59.932/2.3595	64.000/2.5197		.084/.0033				U/L
	2,4	59.920/2.3591	63.975/2.5187	2.012/0.0792	.023/.0009	21.13/0.832	F780	4	1829
		59.932/2.3595	64.000/2.5197		.084/.0033				U/L
	3	59.920/2.3591	63.975/2.5187	2.012/0.0792	.023/.0009	28.85/1.136	F780	2	1828
59.932/2.3595		64.000/2.5197		.084/.0033				U/L	
<b>1T1192</b> Std.	<b>Thrust</b>								
	3	72.260/2.8449	86.610/3.4098			2.49/0.098	F817	2	1192T
		72.520/2.8551	86.870/3.4201					IH	
<i>Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M1188/5M1827 main sets.</i>									
<b>3C8127</b> Std.	<b>Cam</b>								
	1	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8127
		47.970/1.8886	52.034/2.0486						
	2	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8128
		47.970/1.8886	52.034/2.0486						
	3	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8129
47.970/1.8886		52.034/2.0486							

<b>17 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
134 (2.2) Ecotec	6	L4	86mm x 94.6mm	Connecting Rod 18 ft.lbs + 100 deg
134 2198cc (2.2) Ecotec (L61)	F	L4	86mm x 94.6mm	Main Bearing 15 ft.lbs + 70 deg

<b>4B2296A</b> Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>								
		49.000/1.9291	52.118/2.0519	1.542/0.0607	.020/.0008	20.30/0.799	F810	8	2296A
		49.014/1.9297	52.134/2.0525		.066/.0026			IH	
<b>4B2296AO/S2</b> .25 .50 .75	<b>Rod - .002" oversize OD version of 4B2296A.</b>								
		49.000/1.9291	52.169/2.0539	1.692/0.0666	.020/.0008	20.30/0.799	F810	8	9110A
		49.014/1.9297	52.185/2.0545	(@ 0.25mm u/size)	.066/.0026			IH	
<b>5M2232A</b> Std. 10 20	<b>Main</b>								
	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/0.1589	.033/.0013	19.79/0.779	F810	8	MB3824AL
		56.007/2.2050	64.081/2.5229		.078/.0031				U/L
2 (FI)	55.991/2.2044	64.066/2.5223	4.041/0.1591	.020/.0008	25.88/1.019	F810	2	MB3825AL	
		56.007/2.2050	64.081/2.5229		.063/.0025			U/L	
<b>1BS2002S</b> Std.	<b>Balance Shaft - for engines 2002 on.</b>								
	Rear	36.720/1.4457	40.762/1.6048	2.004/0.0789	.027/.0011	26.00/1.024	F820	1	SH2002
		36.741/1.4465	40.775/1.6053		.068/.0027				

<b>18 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
138 (2.3) DOHC (Olds - Quad 4)	D	L4	3.62 x 3.35	Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn
140 (2.3) DOHC (Olds - Quad 4)	A	L4	3.62 x 3.35	Main Bearing 15 ft.lbs/20 Nm + 90 deg turn

<b>4B1388P</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.973/1.8887	51.166/2.0144	1.580/0.0623	.013/.0005	22.76/0.896	F780	8	8516
		47.998/1.8897	51.191/2.0154		.051/.0020			IH	
<b>5M8511P</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	51.994/2.0470	56.774/2.2352	2.377/0.0936	.013/.0005	21.26/0.837	F780	8	8511
		52.019/2.0480	56.799/2.2362		.051/.0020				U/L
3 (FI)	51.994/2.0470	56.774/2.2352	2.377/0.0936	.013/.0005	27.76/1.093	F780	2	8513	
		52.019/2.0480	56.799/2.2362		.051/.0020			U/L	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **18**

**Main - Alt. set to 5M8511P with +0.004" overflange length increase. \*See dimensional information below.**

1,2,4,5	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	21.26/0.837	F780	8	8511 U/L	<b>5M8514P</b> .25 .50 .75
3 (FI)	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.502/0.0985 (@ 0.25 u/s)	.013/.0005 .077/.0030	27.86/1.097	F780	2	8514 U/L	

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M8514P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.097"	+0.004"
0.50 mm u/s shaft	1.097"	+0.004"
0.75 mm u/s shaft	1.097"	+0.004"

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	<b>19</b>
146 (2.4) DOHC (Olds - Quad 4)	T	L4	3.543 x 3.700	Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn Main Bearing 15 ft.lbs/20 Nm + 90 deg turn	

**Rod**

	47.973/1.8887 47.998/1.8897	51.173/2.0147 51.186/2.0152	1.581/0.0622	.013/.0005 .077/.0030	18.30/0.720	F780	8	8520 IH	<b>4B1647P</b> Std. .25 .50 .75 1.0
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**Main**

1,2,4,5	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L	<b>5M2056P</b> Std. .25 .50 .75 1.0
3 (FI)	60.000/2.3622 60.023/2.3631	67.778/2.6684 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.74/1.092	F780	2	8518 U/L	

**Main - Alt. set to 5M2056P with +0.25 mm overflange length increase. \*See dimensional information below.**

1,2,4,5	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L	<b>5M8525P</b> .25 .50 .75 1.0
3 (FI)	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.99/1.102	F780	2	8525 U/L	

**\* DIMENSIONAL INFORMATION FOR 5M8525P**

	Overall Width (Nominal)	Increase in Width
0.25mm u/s shaft	27.99 mm	+0.25 mm
0.50mm u/s shaft	27.99 mm	+0.25 mm
0.75mm u/s shaft	27.99 mm	+0.25 mm
1.00mm u/s shaft	27.99 mm	+0.25 mm

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	<b>20</b>
151 2474cc (2.5) Pontiac Eng.	1	L4	4.00 x 3.00	Connecting Rod 30 ft.lbs/41 Nm (except crossflow) Connecting Rod 32 ft.lbs/44 Nm (crossflow) Main Bearing 65 ft.lbs/88 Nm (except crossflow) Main Bearing 70 ft.lbs/95 Nm (crossflow)	
151 2474cc (2.5) Pontiac Eng.	2	L4	4.00 x 3.00		
151 2474cc (2.5) Pontiac Eng.	5	L4	4.00 x 3.00		
151 2474cc (2.5) Pontiac Eng.	9	L4	4.00 x 3.00		
151 2474cc (2.5) Pontiac Eng.	A	L4	4.00 x 3.00		
151 2474cc (2.5) Pontiac Eng.	E	L4	4.00 x 3.00		
151 2474cc (2.5) Pontiac Eng.	F	L4	4.00 x 3.00		
151 2474cc (2.5) Pontiac Eng.	R	L4	4.00 x 3.00		
151 2474cc (2.5) Pontiac Eng.	V	L4	4.00 x 3.00		

**Rod - High Strength Aluminum Silicon material.**

	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	8	2226A IH	<b>4B610A</b> Std. 10 20 30 40
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**Rod - .002" oversize OD version of 4B610A.**

	50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH	<b>4B610AO/S2</b> 10 20 30 40
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**Rod - To be superseded by 4B610A when stock exhausted.**

	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	8	2226 IH	<b>4B610P</b> Std. 01 10 20 30 40
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**Rod - .002" oversize OD version of 4B610P. To be superseded by 4B610AO/S2 when stock exhausted.**

	50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/s)	.015/.0006 .067/.0026	18.84/0.742	F780	8	9070 IH	<b>4B610PO/S2</b> 10 20 30 40
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# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 20 (Cont'd.)

<b>5M1733P</b> Std. 01 10 20 30 40	<b>Main</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M7152P</b> 10 20 30 40	<b>Main - Alt set to 5M1733P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.88/1.019	F780	2	7152 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M7152P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				.010" u/s shaft		1.019" +0.010"			
				.020" u/s shaft		1.019" +0.010"			
				.030" u/s shaft		1.019" +0.010"			
				.040" u/s shaft		1.019" +0.010"			
<b>3C1030S</b> Std.	<b>Cam</b>								
	1,2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0644		21.97/0.865	F23	3	CH-5-3

## 21 ENGINE

153 (2.5)  
153 (2.5)  
153 (2.5)  
153 (2.5)

**VIN**   **CYL**   **Bore x Stroke**

AA   L4   3.88 x 3.25  
CA   L4   3.88 x 3.25  
OH   L4   3.88 x 3.25

### TORQUE SETTINGS

Connecting Rod 30-35 ft.lbs/41-48 Nm  
Main Bearing 45-55 ft.lbs/61-75 Nm

<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH
<b>5M1733P</b> Std. 01 10 20 30 40	<b>Main</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M7152P</b> 10 20 30 40	<b>Main - Alt set to 5M1733P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.88/1.019	F780	2	7152 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M7152P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				.010" u/s shaft		1.019" +0.010"			
				.020" u/s shaft		1.019" +0.010"			
				.030" u/s shaft		1.019" +0.010"			
				.040" u/s shaft		1.019" +0.010"			
<b>3C400S</b> Std.	<b>Cam</b>								
	3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	1	CH-5-2
	1,2	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
169 2770cc (2.8)		L4	93mm x 102mm	Connecting Rod 18 ft.lbs + 110 deg					
169 2770cc (2.8)	8	L4	93mm x 102mm	Main Bearing 18 ft.lbs + 180 deg					

**22**
**Rod**

56.691/2.2319	60.322/2.3749	1.802/0.0709	.011/.0004	20.75/0.817	F810	8	2290A
56.707/2.2326	60.338/2.3755		.059/.0023				IH

**4B2290A**  
Std. .25 .50 .75

**Rod - .002" oversize back version of 4B2290A.**

56.691/2.2319	60.372/2.3768	1.952/0.0769	.011/.0004	20.75/0.817	F810	8	9102A
56.707/2.2326	60.388/2.3775	(@ 0.25mm u/size)	.059/.0023				IH

**4B2290AO/S2**  
.25 .50 .75 1.0

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
173 (2.8)	1	V6	3.50 x 2.99	Connecting Rod 34-40 ft.lbs/47-54 Nm					
173 (2.8)	7	V6	3.50 x 2.99	Main Bearing 63-74 ft.lbs/85-101 Nm					
173 (2.8)	B	V6	3.50 x 2.99						
173 (2.8)	R	V6	3.50 x 2.99						
173 (2.8)	S	V6	3.50 x 2.99						
173 (2.8)	W	V6	3.50 x 2.99						
173 (2.8)	X	V6	3.50 x 2.99						
173 (2.8)	Z	V6	3.50 x 2.99						

**23**
**Rod - High Strength Aluminum Silicon material.**

50.759/1.9984	54.013/2.1265	1.575/0.0620	.027/.0011	18.29/0.720	F810	12	7116A
50.785/1.9994	54.039/2.1275		.105/.0041				

**6B1238A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 6B1238A.**

50.759/1.9984	53.962/2.1245	1.727/0.0680	.014/.0006	18.29/0.720	F810	12	9036A
50.785/1.9994	53.988/2.1255	(@ .010" u/s)	.080/.0031				IH

**6B1238AO/S2**  
10 20 30 40

**Main - optional set to 4M1494P with +0.010" overflange increase. \*See below for dimensional information.**

1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.64/0.970	F780	2	7117
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	18.85/0.742	F780	2	7118
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.18/0.952	F780	2	7129
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	31.70/1.248	F780	2	7120
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L

**4M1493P**  
10 20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1493P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	0.952"	+0.010"
.020" u/s shaft	0.952"	+0.010"
.030" u/s shaft	0.952"	+0.010"
.040" u/s shaft	0.952"	+0.010"

**Main - For 1980-85 engines with 63.3 mm small journal design.**

1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.64/0.970	F780	2	7117
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	18.85/0.742	F780	2	7118
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	23.93/0.942	F780	2	7119
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L
4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	31.70/1.248	F780	2	7120
	63.363/2.4946	68.275/2.6880		.109/.0043				U/L

**4M1494P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - for engines 1985 on with 67.2 mm large journal design.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	24.80/0.976	F810	4	7237A
	67.264/2.6482	72.174/2.8415		.109/.0043				U/L
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	18.75/0.738	F810	2	7238A
	67.264/2.6482	72.174/2.8415		.109/.0043				U/L
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	23.93/0.942	F810	2	7239A
	67.264/2.6482	72.174/2.8415		.109/.0043				U/L

**4M2037A**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>23 (Cont'd.)</b>										
<b>4M7122P</b> .25 .50 .75 1.0	<b>Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>									
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L	
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L	
	3 (Fl)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M7122P</b>									
					<b>Overall Width (Nominal)</b>				<b>Increase in Width</b>	
					0.25 mm u/s shaft				0.952"	+0.010"
					0.50 mm u/s shaft				0.952"	+0.010"
					0.75 mm u/s shaft				0.952"	+0.010"
				1.00 mm u/s shaft				0.952"	+0.010"	
<b>4C1102S</b> Std.	<b>Cam</b>									
	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	
<b>4C1102SW</b> Std.	<b>Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.</b>									
	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A	
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	
<b>24 ENGINE</b>										
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>189 (3.1)</b>		<b>D</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Connecting Rod 15 ft.lbs + 75 deg (VIN M only)</b>					
<b>189 (3.1)</b>		<b>J</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Connecting Rod 39 ft.lbs/53 Nm</b>					
<b>189 (3.1)</b>		<b>M</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Main Bearing 37 ft.lbs + 77 deg (VIN M only)</b>					
<b>189 (3.1)</b>		<b>T</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Main Bearing 70 ft.lbs/95 Nm</b>					
<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>									
		50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A	
<b>6B1238AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B1238A.</b>									
		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH	
<b>4M2037A</b> Std. .25 .50 .75 1.0	<b>Main - Exc. VIN M</b>									
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L	
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L	
	3 (Fl)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **24**

**Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
	67.264/2.6482	72.174/2.8415						
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
	67.264/2.6482	72.174/2.8415						
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L
	67.264/2.6482	72.174/2.8415						

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Main - VIN M engines only. High Strength Aluminum Silicon material.**

1,4	67.241/2.6473	72.149/2.8405			24.80/0.976	F810	4	7187A U/L
	67.267/2.6483	72.174/2.8415						
2,3(L)	67.241/2.6473	72.149/2.8405			18.75/0.738	F810	3	7188A U/L
	67.267/2.6483	72.174/2.8415						
3 (FI)	67.241/2.6473	72.149/2.8405			23.93/0.942	F810	1	7189A U
	67.267/2.6483	72.174/2.8415						

Overflange length remains constant for standard and undersizes.

**Cam**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110						
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010						
4	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110						

**Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110						
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A
	47.490/1.8697	50.825/2.0010						
4	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110						

**4M7122P**  
Std. .25 .50 .75 1.0

**4M7189A**  
Std. .25 .50 .75 1.0

**4C1102S**  
Std.

**4C1102SW**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
194 (3.2)		L6	3.56 x 3.25	<b>Connecting Rod 30-35 ft.lbs/41-48 Nm (194 engines only)</b> <b>Connecting Rod 35-45 ft.lbs/48-61 Nm (230,250 engines only)</b> <b>Main Bearing 60-70 ft.lbs/81-95 Nm (all engines)</b>
230 (3.8)		L6	3.88 x 3.25	
230 (3.8)	S	L6	3.88 x 3.25	
250 (4.1)		L6	3.88 x 3.53	
250 (4.1)	C	L6	3.88 x 3.53	
250 (4.1)	D	L6	3.88 x 3.53	
250 (4.1)	L	L6	3.88 x 3.53	
250 (4.1)	N	L6	3.88 x 3.53	
250 (4.1)	P	L6	3.88 x 3.53	
250 (4.1)	Q	L6	3.88 x 3.53	
250 (4.1)	S	L6	3.88 x 3.53	

<b>Rod</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	12	2370 IH	<b>6B745P</b> Std. 01 10 20 30 40
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<b>Main</b>	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	12	7132 U/L	<b>7M617P</b> Std. 10 20 30 40
7 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L	

Overflange length remains constant for standard and undersizes.

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 25 (Cont'd.)

4C399S Std.	<b>Cam - engines from 1962-1970.</b>								
	1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	2	CH-5-2
	2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3
	<b>Cam - engines from 1971-84.</b>								
4C718S Std.	1,2,3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	4	CH-5-3

## 26 ENGINE

196 (3.2) Buick Eng.	C	V6	3.50 x 3.40
231 (3.8) Buick Eng.	2	V6	3.80 x 3.40
231 (3.8) Buick Eng. Turbo	3	V6	3.80 x 3.40
231 (3.8) Buick Eng.	A	V6	3.80 x 3.40

VIN CYL Bore x Stroke

TORQUE SETTINGS

Connecting Rod 40 ft.lbs/54 Nm  
Main Bearing 110 ft.lbs/150 Nm

6B1228P Std. 01 10 20 30 40	<b>Rod - .660" wide bearing.</b>								
		57.117/2.2487 57.137/2.2495	60.295/2.3738 60.312/2.3745	1.572/0.0619	.014/.0006 .077/.0030	16.76/0.660	F780	12	2360 IH
6B1228PO/S2 10 20 30 40	<b>Rod - .002" oversize OD version of 6B1228P.</b>								
		57.117/2.2487 57.137/2.2495	60.346/2.3758 60.363/2.3765	1.724/0.0679 (@ .010" u/s)	.005/.0002 .078/.0031	16.76/0.660	F780	12	9071 IH
4M1688P 10 20 30	<b>Main - half groove, standard oil clearance - alternate to 4M960P with +0.020" overflange length increase. * See below for dimensional information.</b>								
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L
	<i>To be discontinued when stock exhausted.</i>								
<b>* DIMENSIONAL INFORMATION FOR 4M1688P</b>									
				Overall Width (Nominal)		Increase in Width			
				.010" u/s shaft		1.078"			+0.020"
				.020" u/s shaft		1.078"			+0.020"
				.030" u/s shaft		1.078"			+0.020"
4M1690P 20 30	<b>Main - alternate set to 4M960P with +0.040" overflange length increase. *See below for dimensional information.</b>								
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L
	<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 4M1690P</b>									
				Overall Width (Nominal)		Increase in Width			
				.020" u/s shaft		1.098"			+0.040"
				.030" u/s shaft		1.098"			+0.040"

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **26**

**Main - alternate set to 4M960P with +0.010" overflange length increase. \*See below for dimensional information.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L
	63.500/2.5000	68.275/2.6880						

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M1747P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

**Main - half groove, standard oil clearance. Set includes modified rear main bearing.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	26.87/1.058	F780	2	9017 U/L
	63.500/2.5000	68.275/2.6880						

Overflange length remains constant for standard and undersizes.

**Cam - grooved O/D on #1 bush - alt. set to 4C1031S.**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642	19.18/0.755	F23	1	B-11-1B
	45.364/1.7860	48.705/1.9175					
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642	15.88/0.625	F23	3	B-9-2
	45.364/1.7860	48.705/1.9175					

**Cam - 1975-1985 engines with 1st design 14 bolt oil pan.**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642	19.18/0.755	F23	1	B-11-1
	45.364/1.7860	48.705/1.9175					
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642	15.88/0.625	F23	3	B-9-2
	45.364/1.7860	48.705/1.9175					

**Cam - 1985-87 engines with 2nd design 20 bolt oil pan.**

1,4	45.339/1.7850	49.162/1.9355	1.890/0.0743	19.18/0.755	F23	2	B-13-1
	45.364/1.7860	49.213/1.9375					
2,3	45.339/1.7850	48.654/1.9155	1.630/0.0642	15.88/0.625	F23	2	B-9-2
	45.364/1.7860	48.705/1.9175					

**ENGINE**

200 (3.3)  
229 (3.8)  
229 (3.8)

**VIN**

M  
9  
K

**CYL**

V6  
V6  
V6

**Bore x Stroke**

3.50 x 3.48  
3.74 x 3.48  
3.74 x 3.48

**TORQUE SETTINGS**

Connecting Rod 45 ft.lbs/59 Nm  
Main Bearings 70 ft.lbs/95 Nm

**27**

**Rod**

	53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007 .081/.0032	18.11/0.713	F780	12	7110 IH
	53.340/2.1000	56.520/2.2252						

**Main - High Strength Aluminum Silicon material.**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F810	6	2377A U/L
	62.212/2.4493	67.094/2.6415						
4	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L
	62.200/2.4488	67.094/2.6415						

**Main**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
	62.212/2.4493	67.094/2.6415						
4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L
	62.200/2.4488	67.094/2.6415						

Overflange length remains constant for standard and undersizes.

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>27 (Cont'd.)</b>										
<b>4M1628P</b> 10 20 30 40	<b>Main - alternate set to 4M1454P with +0.020" overflange length increase. *See below for dimensional information.</b>									
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L	
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1628P</b>									
			<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
			.010" u/s shaft			1.738" +0.020"				
			.020" u/s shaft			1.738" +0.020"				
			.030" u/s shaft			1.738" +0.020"				
			.040" u/s shaft			1.738" +0.020"				
<b>4M1684P</b> 20 30 40	<b>Main - alternate set to 4M1454P with +0.040" overflange length increase. *See below for dimensional information.</b>									
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L	
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.65/1.758	F780	2	2355 U/L	
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1684P</b>									
			<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
			.020" u/s shaft			1.758" +0.040"				
			.030" u/s shaft			1.758" +0.040"				
			.040" u/s shaft			1.758" +0.040"				
	<b>4C1089S</b> Std.	<b>Cam</b>								
1		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	
2,4		47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	2	CH-4-2	
3		47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	1	CH-4-3	
<b>28 ENGINE</b>										
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
207 (3.4) OHV		E	V6	3.62 x 3.31	<b>Connecting Rod 15 ft.lbs + 75 deg</b> (1995-on engines, exc. '95 VIN S)					
207 (3.4) OHV		S	V6	3.62 x 3.31	<b>Connecting Rod 39 ft.lbs/53 Nm</b> (1991-94 engines & '95 VIN S)					
207 (3.4) DOHC		X	V6	3.62 x 3.31	<b>Main Bearing 37 ft.lbs + 75 deg</b> (Bolt)					
		<b>Main Bearing 39 ft.lbs/53 Nm</b> (Nut)								
<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod</b>									
		50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A	
	<b>Rod - .002" oversize OD version of 6B1238A.</b>									
		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH	
	<b>4M2037A</b> Std. .25 .50 .75 1.0	<b>Main</b>								
		1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
		2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
		3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L
		<i>Overflange length remains constant for standard and undersizes.</i>								
		<b>4C1102S</b> Std.	<b>Cam - OHV engines only.</b>							
1			47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
2,3	47.440/1.8677 47.490/1.8697		50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
4	47.440/1.8677 47.490/1.8697		51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **28**

**Cam - OHV engines only. Optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102SW</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	

**AR Auxiliary - DOHC engines only (casting # 10127450). Aux shaft with wide #1 position bearing.**

1	47.440/1.8677 47.490/1.8697	51.054/2.0100	1.755/0.0691		29.77/1.172	F23	1	CHG-22-1	<b>4C6001S</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.787/1.9995	1.626/0.0640		16.00/0.630	F23	2	CH-18-2	
4	47.440/1.8677 47.490/1.8697	51.041/2.0095	1.755/0.0691		15.87/0.625	F23	1	CH-18-4	

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>211 3460cc (3.5)</b>		<b>L5</b>	<b>93mm x 102mm</b>	<b>Connecting Rod 18 ft.lbs + 110 deg</b>
<b>211 3460cc (3.5)</b>	<b>6</b>	<b>L5</b>	<b>93mm x 102mm</b>	<b>Main Bearing 18 ft.lbs + 180 deg</b>

Rod	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
	56.694/2.2320 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.802/0.0709	.011/.0004 .059/.0023	20.75/0.817	F810	10	2290A IH	<b>5B2290A</b> Std. .25 .50 .75

**Rod - .002" oversize back version of 5B2290A.**

	56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ 0.25mm u/size)	.011/.0004 .059/.0023	20.75/0.817	F810	10	9102A IH	<b>5B2290A0/S2</b> .25 .50 .75 1.0
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**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>216 (3.5)</b>		<b>L6</b>	<b>3.50 x 3.75</b>	
<b>235 (3.9)</b>		<b>L6</b>	<b>3.56 x 3.94</b>	
<b>261 (4.3)</b>		<b>L6</b>	<b>3.75 x 3.94</b>	

**Cam - for 1937-54 engines with small journals only.**

1	51.516/2.0282 51.542/2.0292	54.836/2.1589 54.633/2.1609	1.636/0.0644		28.70/1.130	F23	1	CH-2-1	<b>4C209S</b> Std.
2	49.929/1.9657 49.954/1.9667	53.251/2.0965 53.302/2.0985	1.636/0.0644		23.95/0.943	F23	1	CH-2-2	
3	48.341/1.9032 48.368/1.9042	51.664/2.0340 51.714/2.0360	1.636/0.0644		23.95/0.943	F23	1	CH-2-3	
4	46.754/1.8407 46.779/1.8417	50.076/1.9715 50.127/1.9735	1.636/0.0644		23.95/0.943	F23	1	CH-2-4	

**Cam - for 1954-62 engines with large journals only.**

1	54.704/2.1537 54.730/2.1547	58.013/2.2840 58.064/2.2860	1.630/0.0642		28.70/1.130	F23	1	CH-3-1	<b>4C383S</b> Std.
2	53.116/2.0912 53.142/2.0922	56.426/2.2215 56.476/2.2235	1.630/0.0642		23.94/0.942	F23	1	CH-3-2	
3	51.530/2.0287 51.554/2.0297	54.838/2.1590 54.889/2.1610	1.630/0.0642		23.94/0.942	F23	1	CH-3-3	
4	49.941/1.9662 49.966/1.9672	53.263/2.0970 53.289/2.0980	1.630/0.0642		23.94/0.942	F23	1	CH-3-4	

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>231 (3.8) Buick Eng. Supercharged</b>	<b>1</b>	<b>V6</b>	<b>3.80 x 3.40</b>	<b>Connecting Rod 20 ft.lbs + 50deg/27 Nm + 50deg</b>
<b>231 (3.8) Buick Eng.</b>	<b>K</b>	<b>V6</b>	<b>3.80 x 3.40</b>	<b>Main Bearing 26 ft.lbs + 50deg / 35 Nm +50deg</b>
<b>231 (3.8) Buick Eng.</b>	<b>L</b>	<b>V6</b>	<b>3.80 x 3.40</b>	

Rod	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
	57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/0.0618	.023/.0009 .081/.0032	18.30/0.720	F780	12	2306 IH	<b>6B1443P</b> Std. 10 20 30 40

**Rod - .002" Oversize OD version of 6B1443P.**

	57.117/2.2487 57.137/2.2495	60.351/2.3760 60.363/2.3765	1.722/0.0678 (@ .010" u/s)	.024/.0009 .082/.0032	18.30/0.720	F780	12	9046 IH	<b>6B1443PO/S2</b> 10 20 30 40
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# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>31 (Cont'd.)</b>									
<b>Main - half groove, standard oil clearance for 1992-93 Type L engines.</b>									
<b>4M1822P</b> Std. 10 20 30 40	1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302
		63.495/2.4998	68.275/2.6880		.081/.0032				L
	1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302
		63.495/2.4998	68.275/2.6880		.081/.0032				U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	26.87/1.058	F780	2	2303	
	63.495/2.4998	68.275/2.6880		.081/.0032				U/L	
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2305	
	63.495/2.4998	68.275/2.6880		.081/.0032				L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - for 1994 Type L engines only.</b>									
<b>4M2021P</b> Std. 10 20 30 40	1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302
		63.495/2.4998	68.275/2.6880		.081/.0032				L
	1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302
		63.495/2.4998	68.275/2.6880		.081/.0032				U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	26.87/1.058	F780	2	2303	
	63.495/2.4998	68.275/2.6880		.081/.0032				U/L	
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2309	
	63.495/2.4998	68.275/2.6880		.081/.0032				L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - for 1995 on Type L &amp; K engines.</b>									
<b>4M2022P</b> Std. 10 20 30 40	1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2299
		63.495/2.4998	68.275/2.6880		.081/.0032				L
	1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302
		63.495/2.4998	68.275/2.6880		.081/.0032				U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	26.87/1.058	F780	2	2303	
	63.495/2.4998	68.275/2.6880		.081/.0032				U/L	
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2309	
	63.495/2.4998	68.275/2.6880		.081/.0032				L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - alt. set to 4M1822P with +0.010" overflange length increase for undersizes.* See below for dimensional information.</b>									
<b>4M9022P</b> 10 20 30 40	1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302
		63.495/2.4998	68.275/2.6880		.081/.0032				L
	1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302
		63.495/2.4998	68.275/2.6880		.081/.0032				U
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	27.13/1.068	F780	2	9022	
	63.495/2.4998	68.275/2.6880		.081/.0032				U/L	
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2305	
	63.495/2.4998	68.275/2.6880		.081/.0032				L	
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M9022P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
		.010" u/s shaft		1.068"		+0.010"			
		.020" u/s shaft		1.068"		+0.010"			
		.030" u/s shaft		1.068"		+0.010"			
		.040" u/s shaft		1.068"		+0.010"			
<b>Cam - for all engines 1992-95.</b>									
<b>4C1246S</b> Std.	1,4	45.339/1.7850	49.162/1.9355	1.890/0.0743		19.18/0.755	F23	2	B-13-1
		45.364/1.7860	49.213/1.9375						
	2,3	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	2	B-9-2
		45.364/1.7860	48.705/1.9175						
<b>Cam - for engines 1996 on (Full round design).</b>									
<b>4C1812S</b> Std.	1,4	46.858/1.8448	50.686/1.9955	1.882/0.0741		18.92/0.745	F23	2	B-14-1
		46.893/1.8462	50.711/1.9965						
	2,3	46.858/1.8448	50.178/1.9755	1.628/0.0641		16.00/0.630	F23	2	B-14-2
		46.893/1.8462	50.228/1.9775						



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 31</b>									
<b>Cam - for engines 1996 on (OE split type design).</b>									
1,4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.737/1.9975	1.870/0.0736	.053/.0021 .165/.0065	19.00/0.748	F250	2	5108	<b>4C5108</b> Std. 10
2,3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.229/1.9775	1.613/0.0635	.059/.0023 .171/.0067	15.75/0.620	F250	2	5109	
<b>Cam Tower - Repair Insert for 1992-94 engines.</b>									
2,3	45.339/1.7850 45.364/1.7860	49.836/1.9620 49.861/1.9630	2.230/0.0878	.012/.0005 .088/.0035	15.75/0.620	F250	1	19549	<b>1SC19549</b> Std. 10
<b>Cam Tower - Repair Insert for 1992-94 engines.</b>									
1,4	45.339/1.7850 54.364/2.1403	49.836/1.9620 49.861/1.9630	2.230/0.0878	.012/.0005 .088/.0035	19.00/0.748	F250	1	19580	<b>1SC19580</b> Std. 10
<b>Cam Tower - Repair Insert for 1995 on engines.</b>									
1,4	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.179/0.0858	.032/.0013 .118/.0046	19.00/0.748	F250	1	19581	<b>1SC19581</b> Std. 10
<b>Cam Tower - Repair Insert for 1995 on engines.</b>									
2,3	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.176/0.0857	.038/.0015 .124/.0049	15.75/0.620	F250	1	19582	<b>1SC19582</b> Std. 10
<b>Small End - for engines 1995 on (Exc. supercharged engines).</b>									
	21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.500/0.0591	.007/.0003 .022/.0009	21.20/0.835	F100	1	RB4106	<b>RB4106</b> Semi
<i>Bore allowance on the ID.</i>									
<b>Small End - for engines 1995 on (Exc. supercharged engines).</b>									
	21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.360/0.0535		21.20/0.835	F100	1	RB4106-R	<b>RB4106-R</b> Ream
<i>Ream allowance on the ID.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>256 (4.2)</b>	<b>S</b>	<b>L6</b>	<b>93mm x 102mm</b>	<b>Connecting Rod 18 ft.lbs + 110 deg Main Bearing 18 ft.lbs + 180 deg</b>					
<b>Rod - High Strength Aluminum Silicon material.</b>									
	56.691/2.2319 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.798/0.0708	.011/.0004 .059/.0023	20.75/0.817	F810	12	2290A IH	<b>6B2290A</b> Std. .25 .50 .75 1.0
<b>Rod - .002" oversize OD version of 6B2290A.</b>									
	56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ .25mm u/s)	.011/.0004 .059/.0023	20.75/0.817	F810	12	9102A IH	<b>6B2290AO/S2</b> .25 .50 .75 1.0
<b>Main</b>									
1,2,3,4,6, 7	69.967/2.7546 69.982/2.7552	78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	20.68/0.814	F820	12	MB3781P U/L	<b>7M2224A</b> Std. 10 20
5 (FI)	69.967/2.7546 69.982/2.7552	78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	25.35/0.998	F820	2	MB3782P U/L	
<b>Small End</b>									
	22.997/0.9054 23.000/0.9055	25.857/1.0180	1.372/0.0540		23.75/0.935	F100	1	223-3664	<b>AB3664</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>260 (4.3) Oldsmobile Eng Diesel</b>	<b>T</b>	<b>V6</b>	<b>4.057 x 3.585</b>	<b>Connecting Rod 42 ft.lbs/57 Nm Main Bearing 107 ft.lbs/146 Nm (1982 engines) Main Bearing 89 ft.lbs/121 Nm (1983-85 engines)</b>					
<b>260 (4.3) Oldsmobile Eng Diesel</b>	<b>V</b>	<b>V6</b>	<b>4.057 x 3.585</b>						
<b>Rod</b>									
	57.125/2.2490 57.150/2.2500	60.305/2.3742 60.325/2.3750	1.570/0.0618	.013/.0005 .064/.0025	22.23/0.875	F780	12	CB1366P IH	<b>6B8510P</b> Std. 10 20 30

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>33 (Cont'd.)</b>										
<b>4M1616P</b> Std. 10	<b>Main</b>									
	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	24.89/0.980	F780	2	MB2362P U/L	
	2	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	24.87/0.979	F780	2	MB2163P IH	
	3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	30.35/1.195	F780	2	MB2363P IH	
	4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.370/0.0932	.046/.0018 .086/.0034	32.26/1.270	F780	2	MB2964P U/L	
	<i>Overflange length remains constant for standards and undersizes.</i>									
	<b>4C1247S</b> Std.	<b>Cam</b>								
		1	51.707/2.0357 51.727/2.0365	55.062/2.1678 55.113/2.1698	1.640/0.0646		17.60/0.693	F23	1	O-7-1
		2	51.199/2.0157 51.219/2.0165	54.554/2.1478 54.605/2.1498	1.640/0.0646		17.60/0.693	F23	1	O-6-2
		3	50.691/1.9957 50.711/1.9965	54.046/2.1278 54.097/2.1298	1.640/0.0646		17.60/0.693	F23	1	O-6-3
		4	50.183/1.9757 50.203/1.9765	53.538/2.1078 53.589/2.1098	1.640/0.0646		17.60/0.693	F23	1	O-6-4

<b>34 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
262 (4.3) (incl. H.O. & Turbo)	B	V6	4.000 x 3.484	Connecting Rod 45 ft.lbs/61 Nm Main Bearing 70 ft.lbs/95 Nm					
262 (4.3) (incl. H.O. & Turbo)	N	V6	4.000 x 3.484						
262 (4.3) (incl. H.O. & Turbo)	W	V6	4.000 x 3.484						
262 (4.3) (incl. H.O. & Turbo)	X	V6	4.000 x 3.484						
262 (4.3) (incl. H.O. & Turbo)	Z	V6	4.000 x 3.484						

<b>6B1358A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		57.130/2.2492 57.145/2.2498	60.317/2.3747 60.342/2.3757	1.575/0.0620	.022/.0009 .089/.0035	18.92/0.745	F810	12	7111A
<b>6B1358AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B1358A.</b>								
		57.130/2.2492 57.145/2.2498	60.368/2.3767 60.393/2.3777	1.613/0.0635 (@ .010" u/s)	.022/.0009 .089/.0035	18.92/0.745	F810	12	9042A IH
<b>6B1358P</b> Std. 01 10 20 30 40 50 60	<b>Rod</b>								
		57.130/2.2492 57.145/2.2498	60.317/2.3747 60.342/2.3757	1.575/0.0620	.022/.0009 .089/.0035	18.92/0.745	F780	12	7111 IH
<b>4M1454A</b> Std. 01 10 20 30 40	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F810	6	2377A U/L
	4	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L
	<b>Main</b>								
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
<b>4M1454P</b> Std. 01 10 20 30 40	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>4M1628P</b> 10 20 30 40	<b>Main - optional set to 4M1454P with +0.020" overflange length increase. *See dimensional information below.</b>								
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1628P</b>									
		<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
	.010" u/s shaft			1.738"					
	.020" u/s shaft			1.738"					
	.030" u/s shaft			1.738"					
	.040" u/s shaft			1.738"					
				+0.020"					
				+0.020"					
				+0.020"					
				+0.020"					

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 34</b>									
<b>Main - optional set to 4M1454P with +0.040" overflange length increase. *See dimensional information below.</b>									
1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L	<b>4M1684P</b> 20 30 40
4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.65/1.758	F780	2	2355 U/L	
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1684P</b>									
					<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>	
					.020" u/s shaft			1.758"	+0.040"
					.030" u/s shaft			1.758"	+0.040"
					.040" u/s shaft			1.758"	+0.040"
<b>Cam - for 1985-05 engines without ID number "T" on front of block.</b>									
1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	<b>4C1089S</b> Std.
2,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	2	CH-4-2	
3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	1	CH-4-3	
<b>Cam - for 1992-05 engines with ID number "T" on front of block.</b>									
1,4	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		19.05/0.750	F23	2	CH-4-1	<b>4C1351S</b> Std.
2	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		19.05/0.750	F23	1	CH-4-3	
3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		19.05/0.750	F23	1	CH-4-2	
<b>Balance Shaft - 1992-05. Excludes engines with Roller Bearings.</b>									
Rear	38.064/1.4986 38.100/1.5000	47.587/1.8735 47.612/1.8745	4.724/0.1860	.013/.0005 .050/.0020	21.21/0.835	F23	1	CHG-15A	<b>1BS1400S</b> Std.

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>35</b>	<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
262 (4.3)			G	V8	3.67 x 3.10	<b>Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)</b>			
265 (4.3)			W	V8	3.75 x 3.00	<b>Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)</b>			
267 (4.4)			J	V8	3.50 x 3.48	<b>Main Bearing 75 ft.lbs/102 Nm</b>			
302 (5.0)			MO	V8	4.00 x 3.00				
305 (5.0)			7	V8	3.74 x 3.48				
305 (5.0)			E	V8	3.74 x 3.48				
305 (5.0)			F	V8	3.74 x 3.48				
305 (5.0)			G	V8	3.74 x 3.48				
305 (5.0)			H	V8	3.74 x 3.48				
305 (5.0)			M	V8	3.74 x 3.48				
305 (5.0)			Q	V8	3.74 x 3.48				
305 (5.0)			S	V8	3.74 x 3.48				
305 (5.0)			U	V8	3.74 x 3.48				
307 (5.0)			A	V8	3.86 x 3.25				
307 (5.0)			B	V8	3.86 x 3.25				
307 (5.0)			CA	V8	3.86 x 3.25				
307 (5.0)			DC	V8	3.86 x 3.25				
307 (5.0)			E	V8	3.86 x 3.25				
307 (5.0)			F	V8	3.86 x 3.25				
307 (5.0)			H	V8	3.86 x 3.25				
307 (5.0)			ME	V8	3.86 x 3.25				
307 (5.0)			ND	V8	3.86 x 3.25				
307 (5.0)			P	V8	3.86 x 3.25				
307 (5.0)			U	V8	3.86 x 3.25				
307 (5.0)			X	V8	3.86 x 3.25				
327 (5.4)			E	V8	4.00 x 3.25				
327 (5.4)			FB	V8	4.00 x 3.25				
327 (5.4)			HJ	V8	4.00 x 3.25				
350 (5.7)				V8	4.00 x 3.48				
350 (5.7)			4	V8	4.00 x 3.48				
350 (5.7)			6	V8	4.00 x 3.48				
350 (5.7)			7	V8	4.00 x 3.48				
350 (5.7)			8	V8	4.00 x 3.48				
350 (5.7)			E	V8	4.00 x 3.48				
350 (5.7)			H	V8	4.00 x 3.48				
350 (5.7)			K	V8	4.00 x 3.48				
350 (5.7) Light Truck			K	V8	4.00 x 3.48				
350 (5.7)			L	V8	4.00 x 3.48				
350 (5.7) Light Truck			M	V8	4.00 x 3.48				
350 (5.7) Car			P	V8	4.00 x 3.48				
350 (5.7) Light Truck			P	V8	4.00 x 3.48				
350 (5.7) Light Truck			R	V8	4.00 x 3.48				
350 (5.7)			T	V8	4.00 x 3.48				
350 (5.7)			V	V8	4.00 x 3.48				
350 (5.7)			X	V8	4.00 x 3.48				
350 (5.7) Light Truck			Y	V8	4.00 x 3.48				

<b>8B663A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
	53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F810	16	2376A	
	53.340/2.1000	56.520/2.2252		.081/.0032					
<b>8B663AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663A.</b>								
	53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F810	16	9026A	
	53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH	
<b>8B663P</b> Std. 01 10 20 30 40 50 60	<b>Rod - standard oil clearance.</b>								
	53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F780	16	2376	
	53.340/2.1000	56.520/2.2252		.081/.0032				IH	
<b>8B663PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663P.</b>								
	53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F780	16	9026	
	53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 35**
**Main - optional set to 5M909P with +0.020" overflange length increase. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L

*Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**\* DIMENSIONAL INFORMATION FOR 5M1626P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.738"	+0.020"
.020" u/s shaft	1.738"	+0.020"
.030" u/s shaft	1.738"	+0.020"
.040" u/s shaft	1.738"	+0.020"
.050" u/s shaft	1.738"	+0.020"
.060" u/s shaft	1.738"	+0.020"

**Main - optional set to 5M909P with +0.040" overflange length increase. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	1.76/0.069	F780	2	2355 U/L

*Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**\* DIMENSIONAL INFORMATION FOR 5M1683P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.758"	+0.040"
.030" u/s shaft	1.758"	+0.040"
.040" u/s shaft	1.758"	+0.040"

**Main - optional set to 5M909P with +0.010" overflange length increase. \*See dimensional information below.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.89/1.728	F780	2	2365 U/L

*Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**\* DIMENSIONAL INFORMATION FOR 5M1744P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.728"	+0.010"
.020" u/s shaft	1.728"	+0.010"
.030" u/s shaft	1.728"	+0.010"
.040" u/s shaft	1.728"	+0.010"
.050" u/s shaft	1.728"	+0.010"
.060" u/s shaft	1.728"	+0.010"

**Main - High Strength Aluminum Silicon material.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F810	8	2377A U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L

**Main - half groove. Standard oil clearance.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L

*Overflange length remains constant for standard and undersizes. Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**Cam - Single piece from 5C3346C set.**

1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346
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**Cam - Single piece from 5C3349C set (#1 position cam).**

	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
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**5M1626P**  
10 20 30 40 50 60

**5M1683P**  
20 30 40

**5M1744P**  
10 20 30 40 50 60

**5M909A**  
Std. 01 10 20 30 40

**5M909P**  
Std. 01 10 20 30 40 50 60

**1C3346C**  
Std.

**1C3349C**  
Std.

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>35 (Cont'd.)</b>										
<b>5C004AS</b> Std.	<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.</b>									
	1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536	
<b>5C004BS</b> Std.	<b>Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.</b>									
	1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537	
<b>5C290S</b> Std.	<b>Cam - standard housing bores.</b>									
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3	
<b>5C3346C</b> Std.	<b>Cam - All housing bores constant at 1.9990"/2.0010" (High Performance).</b>									
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346	
<b>5C3349C</b> Std.	<b>Cam - standard housing bores (High Performance).</b>									
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346	
<b>36 ENGINE</b>										
<b>265 (4.3)</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>283 (4.6)</b>				<b>V8</b>	<b>3.75 x 3.00</b>	<b>Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)</b>				
<b>302 (5.0) Small Pin</b>				<b>V8</b>	<b>3.88 x 3.00</b>	<b>Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)</b>				
<b>327 (5.4) Small Pin</b>				<b>V8</b>	<b>4.00 x 3.00</b>	<b>Main Bearing 60-70 ft.lbs/81-95 Nm (265,283,327 engines)</b>				
				<b>V8</b>	<b>4.00 x 3.25</b>	<b>Main Bearing 80 ft.lbs/108 Nm (302 engines)</b>				
<b>8B745P</b> Std. 01 10 20 30 40	<b>Rod</b>									
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .076/.0030	21.38/0.842	F780	16	2370 IH	
<b>5M2372P</b> 10 20 30 40	<b>Main - Alt set to 5M429P with +0.010" overflange length increase. * See below for dimensional information.</b>									
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L	
	5 (FI)	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/0.0956	.015/.0006 .093/.0037	43.89/1.728	F780	2	3345 U/L	
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M2372P</b>										
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
				.010" u/s shaft		1.728"				+0.010"
				.020" u/s shaft		1.728"				+0.010"
				.030" u/s shaft		1.728"				+0.010"
				.040" u/s shaft		1.728"				+0.010"
<b>5M429P</b> Std. 01 10 20 30 40	<b>Main</b>									
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L	
	5 (FI)	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/0.0956	.015/.0006 .093/.0037	43.64/1.718	F780	2	7104 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>1C3346C</b> Std.	<b>Cam - Single piece from 5C3346C set</b>									
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346	
<b>1C3349C</b> Std.	<b>Cam - Single piece from 5C3349C set (#1 cam).</b>									
		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **36**

**Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536	<b>5C004AS</b> Std.
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**Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537	<b>5C004BS</b> Std.
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**Cam - engines from 1955-1963.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	<b>5C287S</b> Std.
2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	1	CH-4-2	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3	<b>5C290S</b> Std.
5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		24.00/0.945	F23	1	CH-4-4	

**Cam - engines from 1964-1967 - standard housing bores.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	<b>5C290S</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3	<b>5C3346C</b> Std.
1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346	

**Cam - All housing bores constant at 1.9990"/2.0010" (High Performance)**

1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346	<b>5C3349C</b> Std.
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**Cam - standard housing bores (High Performance).**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	<b>5C3349C</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346	

**ENGINE**

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

**37**

**292 (4.8)**

**L6**

**3.88 x 4.13**

**Connecting Rod 30-35 ft.lbs/41-48 Nm**

**292 (4.8)**

**S**

**L6**

**3.88 x 4.13**

**Main Bearing 60-70 ft.lbs/81-95 Nm**

**292 (4.8)**

**S**

**L6**

**3.88 x 4.13**

**292 (4.8)**

**T**

**L6**

**3.88 x 4.13**

**Rod - High Strength Aluminum Silicon material.**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	12	2376A IH	<b>6B663A</b> Std. 10 20 30 40
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**Rod**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	12	2376 IH	<b>6B663P</b> Std. 10 20 30 40
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**Main**

1-6	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	12	7132 U/L	<b>7M617P</b> Std. 10 20 30 40
7 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L	

*Overflange length remains constant for standard and undersizes.*

**Cam - engines from 1963-1970.**

1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	2	CH-5-2	<b>4C399S</b> Std.
2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3	

**Cam - engines from 1971-1990.**

1,2,3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	4	CH-5-3	<b>4C718S</b> Std.
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# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>38</b> ENGINE			VIN CYL	Bore x Stroke	TORQUE SETTINGS				
294 (4.8)			V V8	96mm x 83mm	Connecting Rod 15 ft.lbs/20 Nm + 60 deg.				
323 (5.3)			B V8	96mm x 92mm	Main Bearing Consult service manual				
323 (5.3)			M V8	96mm x 92mm					
323 (5.3)			T V8	96mm x 92mm					
323 (5.3)			Z V8	96mm x 92mm					
325 (5.3)			B V8	96mm x 92mm					
325 (5.3)			M V8	96mm x 92mm					
325 (5.3)			P V8	96mm x 92mm					
325 (5.3)			T V8	96mm x 92mm					
325 5328cc (5.3)			C V8	96mm x 92mm					
325 5328cc (5.3) (L59)			Z V8	96mm x 92mm					
350 (5.7)			G V8	99mm x 92mm					
350 (5.7)			S V8	99mm x 92mm					
364 (6.0)			H V8	101.6mm x 92mm					
364 (6.0)			N V8	101.6mm x 92mm					
364 (6.0)			U V8	101.6mm x 92mm					
<b>8B663A</b> Std. 01 10 20 30 40		<b>Rod - High Strength Aluminum Silicon material.</b>							
		53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F810	16	2376A
		53.340/2.1000	56.520/2.2252		.081/.0032				
<b>8B663AO/S2</b> 10 20 30 40		<b>Rod - .002" oversize OD version of 8B663A.</b>							
		53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F810	16	9026A
		53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH
<b>8B663P</b> Std. 01 10 20 30 40 50 60		<b>Rod</b>							
		53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F780	16	2376
		53.340/2.1000	56.520/2.2252		.081/.0032				IH
<b>8B663PO/S2</b> 10 20 30 40		<b>Rod - .002" oversize OD version of 8B663P.</b>							
		53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F780	16	9026
		53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH
<b>5M7298A</b> Std. 10 20 30 40	1,2,4,5	<b>Main - High Strength Aluminum Silicon material.</b>							
		64.993/2.5588	69.873/2.7509	2.430/0.0957	.006/.0002	20.45/0.805	F810	8	7298A
		65.007/2.5593	69.887/2.7515		.046/.0018				U/L
	3 (FI)	64.993/2.5588	69.873/2.7509	2.430/0.0957	.002/.0001	26.10/1.028	F810	2	7299A
		65.007/2.5593	69.887/2.7515		.046/.0018				U/L
<b>5C1000S</b> Std.	1,5	<b>Cam - 1997-2003 with 1st design # 1 &amp; 5 housing size of 2.3260"-2.3280".</b>							
		54.991/2.1650	59.080/2.3260	2.007/0.0790		16.00/0.630	F23	2	CH-10-1
		55.042/2.1670	59.131/2.3280						
	2,4	54.991/2.1650	58.829/2.3161	1.880/0.0740		16.00/0.630	F23	2	CH-10-2
		55.042/2.1670	58.879/2.3181						
	3	54.991/2.1650	58.580/2.3063	1.758/0.0692		16.00/0.630	F23	1	CH-10-3
		55.042/2.1670	58.631/2.3083						
<b>5C1001S</b> Std.	1,5	<b>Cam - 2003 on with 2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</b>							
		54.991/2.1650	59.588/2.3460	2.260/0.0890		16.00/0.630	F23	2	CH-23-1
		55.042/2.1670	59.639/2.3480						
	2,4	54.991/2.1650	59.080/2.3260	2.007/0.0790		16.00/0.630	F23	2	CH-10-1
		54.042/2.1276	59.131/2.3280						
	3	54.991/2.1650	58.580/2.3063	1.758/0.0692		16.00/0.630	F23	1	CH-10-3
		55.042/2.1670	58.631/2.3083						
<b>39</b> ENGINE			VIN CYL	Bore x Stroke	TORQUE SETTINGS				
307 (5.0) Oldsmobile Eng.			Y V8	4.00 x 3.00	Connecting Rod 42 ft.lbs/57 Nm				
					Main Bearing 120 ft.lbs/163 Nm (rear bearing cap only)				
					Main Bearing 80 ft.lbs/108 Nm (except rear bearing cap)				
<b>8B684P</b> Std. 10 20 30 40		<b>Rod</b>							
		53.945/2.1238	57.137/2.2495	1.572/0.0619	.023/.0009	21.11/0.831	F780	16	8500
		53.970/2.1248	57.150/2.2500		.087/.0034				IH
<b>8B684PO/S2</b> 10 20 30 40		<b>Rod - .002" oversize OD version of 8B684P.</b>							
		53.945/2.1238	57.188/2.2515	1.724/0.0679	.024/.0009	21.11/0.831	F780	16	9041
		53.970/2.1248	57.201/2.2520	(@ .010" u/s)	.088/.0035				IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **39**

**Main**

1(L)	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L	<b>5M805P</b> Std. 10 20 30 40
	63.487/2.4995	68.275/2.6880							
1(U),2,4	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH	
	63.487/2.4995	68.275/2.6880							
3 (FI)	63.457/2.4983	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	30.35/1.195	F780	2	8503 IH	
	63.482/2.4993	68.275/2.6880							
5	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L	
	63.487/2.4995	68.275/2.6880							

**Main - optional set to 5M805P with +0.010" overflange length increase. \*See below for dimensional information.**

1	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L	<b>5M8603P</b> 10 20 30 40
	63.487/2.4995	68.275/2.6880							
1(U),2,4	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH	
	63.487/2.4995	68.275/2.6880							
3 (FI)	63.457/2.4983	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	30.61/1.205	F780	2	8603 IH	
	63.482/2.4993	68.275/2.6880							
5	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L	
	63.487/2.4995	68.275/2.6880							

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M8603P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.205"	+0.010"
.020" u/s shaft	1.205"	+0.010"
.030" u/s shaft	1.205"	+0.010"
.040" u/s shaft	1.205"	+0.010"

**Cam**

1	51.707/2.0357	55.067/2.1680	1.640/0.0646		17.60/0.693	F23	1	O-7-1	<b>5C1088S</b> Std.
	51.727/2.0365	55.105/2.1695							
2	51.199/2.0157	54.560/2.1480	1.640/0.0646		17.60/0.693	F23	1	O-6-2	
	51.219/2.0165	54.597/2.1495							
3	50.691/1.9957	54.051/2.1280	1.640/0.0646		17.60/0.693	F23	1	O-6-3	
	50.711/1.9965	54.090/2.1295							
4	50.183/1.9757	53.543/2.1080	1.640/0.0646		17.60/0.693	F23	1	O-6-4	
	50.203/1.9765	53.581/2.1095							
5	49.675/1.9557	53.035/2.0880	1.640/0.0646		17.60/0.693	F23	1	O-6-5	
	49.695/1.9565	53.073/2.0895							

**Small End**

	24.933/0.9816 (Finish ID Bore Size)	27.534/1.0840 (Nominal)			23.37/0.920	F100	1	3049YA20	<b>RB3049YA20</b> Semi
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**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>350 (5.7) Oldsmobile Eng. Diesel</b>	<b>N</b>	<b>V8</b>	<b>4.06 x 3.39</b>	<b>Connecting Rod 42 ft.lbs/57 Nm</b>
<b>350 (5.7) Oldsmobile Eng. Diesel</b>	<b>Z</b>	<b>V8</b>	<b>4.06 x 3.39</b>	<b>Main Bearing 120 ft.lbs/163 Nm</b>

**40**

**Rod**

	53.945/2.1238	57.137/2.2495	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH	<b>8B684P</b> Std. 10 20 30 40
	53.970/2.1248	57.150/2.2500							

**Rod - .002" oversize OD version of 8B684P.**

	53.945/2.1238	57.188/2.2515	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH	<b>8B684PO/S2</b> 10 20 30 40
	53.970/2.1248	57.201/2.2520							

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.		
<b>40 (Cont'd.)</b>											
<b>5M804P</b> Std. 10 20 30 40	<b>Main</b>										
	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L		
	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U		
	2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH		
	3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.38/1.196	F780	2	8508 IH		
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L		
	<i>Overflange length remains constant for standard and undersizes.</i>										
	<b>5M8519P</b> 20 30 40	<b>Main - optional set to 5M804P with +0.010" overflange length increase. *See below for dimensional information.</b>									
		1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L	
		1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U	
		2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH	
		3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.63/1.206	F780	2	8519 IH	
		5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L	
		<i>Stock not available from fee warehouses.</i>									
		<b>* DIMENSIONAL INFORMATION FOR 5M8519P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
.020" u/s shaft				1.206"		+0.010"					
.030" u/s shaft				1.206"		+0.010"					
.040" u/s shaft				1.206"		+0.010"					
<b>5C1088S</b> Std.		<b>Cam</b>									
		1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1	
		2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2	
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3		
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4		
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5		

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>41</b>
366 (6.0)			V8	3.94 x 3.77	<b>Connecting Rod 45-55 ft.lbs/61-75 Nm</b> (all engines)					
396 (6.5)			V8	4.09 x 3.77	<b>Main Bearing 110-120 ft.lbs/150-163 Nm</b> (High Performance)					
396 (6.5)		E	V8	4.09 x 3.77	<b>Main Bearing 90-100 ft.lbs/122-136 Nm</b> (except High Performance)					
402 (6.6)			V8	4.13 x 3.77						
402 (6.6)		K	V8	4.13 x 3.77						
402 (6.6)		S	V8	4.13 x 3.77						
402 (6.6)		U	V8	4.13 x 3.77						
427 (7.0)			V8	4.25 x 3.77						
454 (7.4)			V8	4.25 x 4.00						
454 (7.4)		B	V8	4.25 x 4.00						
454 (7.4)		E	V8	4.25 x 4.00						
454 (7.4)		J	V8	4.25 x 4.00						
454 (7.4)		L	V8	4.25 x 4.00						
454 (7.4)		N	V8	4.25 x 4.00						
454 (7.4)		S	V8	4.25 x 4.00						
454 (7.4)		V	V8	4.25 x 4.00						
454 (7.4)		W	V8	4.25 x 4.00						
454 (7.4)		X	V8	4.25 x 4.00						
454 (7.4)		Y	V8	4.25 x 4.00						
454 (7.4)		Z	V8	4.25 x 4.00						
<b>Rod - High Strength Aluminum Silicon material.</b>										
	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/0.0620	.017/.0007 .081/.0032	22.58/0.889	F810	16	7100A IH	<b>8B743A</b> Std. 01 10 20 30 40	
<b>Rod - .002" oversize OD version of 8B743A.</b>										
	55.855/2.1990 55.880/2.2000	59.098/2.3267 59.111/2.3272	1.727/0.0680 (@ .010" u/s)	.017/.0007 .081/.0032	22.58/0.889	F810	16	9100A IH	<b>8B743AO/S2</b> 10 20 30 40	
<b>Rod</b>										
	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/0.0620	.017/.0007 .081/.0032	22.58/0.889	F780	16	7100 IH	<b>8B743P</b> Std. 01 10 20 30 40	
<b>Rod - .002" oversize OD version of 8B743P.</b>										
	55.855/2.1990 55.880/2.2000	59.098/2.3267 59.111/2.3272	1.727/0.0680 (@ .010" u/s)	.017/.0007 .081/.0032	22.58/0.889	F780	16	9100 IH	<b>8B743PO/S2</b> 10 20 30 40	
<b>Main - optional set to 5M829P with +0.010" overflange length increase. *See below for dimensional information.</b>										
1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/0.0937	.010/.0004 .087/.0034	26.46/1.042	F780	8	7102 U/L	<b>5M1745P</b> 10 20 30 40	
5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.020/.0008 .097/.0038	46.25/1.821	F780	2	7105 U/L		
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M1745P</b>										
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
	.010" u/s shaft		1.821"		+0.010"					
	.020" u/s shaft		1.821"		+0.010"					
	.030" u/s shaft		1.821"		+0.010"					
	.040" u/s shaft		1.821"		+0.010"					
<b>Main - optional set to 5M829P with +0.020" overflange length increase. *See below for dimensional information.</b>										
1,2,3,4	69.804/2.7482 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.010/.0004 .087/.0034	26.46/1.042	F780	8	7102 U/L	<b>5M7023P</b> 40	
5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.020/.0008 .097/.0038	46.50/1.831	F780	2	7023 U/L		
<i>To be discontinued when stock exhausted.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M7023P</b>										
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
	.040" u/s shaft		1.831"		+0.020"					
<b>Main - High Strength Aluminum Silicon material.</b>										
1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/0.0937	.010/.0004 .087/.0034	26.46/1.042	F810	8	7102A U/L	<b>5M829A</b> Std. 10 20 30 40	
5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.020/.0008 .097/.0038	46.00/1.811	F810	2	7103A U/L		

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>41 (Cont'd.)</b>									
<b>5M829P</b> Std. 01 10 20 30 40	<b>Main - half groove set - standard oil clearance.</b>								
	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/0.0937	.010/.0004 .087/.0034	26.46/1.042	F780	8	7102 U/L
	5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.020/.0008 .097/.0038	46.00/1.811	F780	2	7103 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5C615S</b> Std.	<b>Cam - engines from 1965-1966.</b>								
	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/0.0941		21.97/0.865	F23	1	CH-12-1
	2	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.260/0.0891		25.02/0.985	F23	1	CH-12-2
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.140/0.0841		25.02/0.985	F23	2	CH-12-3
	5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.270/0.0894		25.02/0.985	F23	1	CH-9-4
<b>5C616S</b> Std.	<b>Cam - engines from 1967 on.</b>								
	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/0.0941		21.97/0.865	F23	1	CH-12-1
	2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.260/0.0891		25.02/0.985	F23	2	CH-12-2
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.140/0.0841		25.02/0.985	F23	2	CH-12-3
<b>42 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>379 (6.2) Diesel</b>	<b>C</b>	<b>V8</b>	<b>3.98 x 3.82</b>	<b>Connecting Rod 48 ft. lbs</b>					
<b>379 (6.2) Diesel</b>	<b>J</b>	<b>V8</b>	<b>3.98 x 3.82</b>	<b>Main Bearing 100 ft.lbs</b> (outer bolt - 6.2 diesel engine only)					
<b>395 (6.5) Turbo Diesel</b>	<b>F</b>	<b>V8</b>	<b>4.06 x 3.82</b>	<b>Main Bearing 110 ft.lbs</b> (inner bolt)					
<b>395 (6.5) Diesel</b>	<b>P</b>	<b>V8</b>	<b>4.06 x 3.82</b>	<b>Main Bearing 111 ft.lbs</b> (outer bolt - 6.5 diesel engine only)					
<b>395 (6.5) Turbo Diesel</b>	<b>S</b>	<b>V8</b>	<b>4.06 x 3.82</b>						
<b>395 (6.5) Diesel</b>	<b>Y</b>	<b>V8</b>	<b>4.06 x 3.82</b>						
<b>8B1286P</b> Std. .025 .25 .50 .75	<b>Rod</b>								
		60.914/2.3982 60.940/2.3992	64.125/2.5246 64.150/2.5256	1.570/0.0618	.048/.0019 .120/.0047	22.91/0.902	F780	16	1292 IH
<b>5M2091P</b> Std. .025 .25 .50 .75 1.0	<b>Main - For all 6.2L &amp; 6.5L engines.</b>								
	1,2,4	74.917/2.9495 74.940/2.9504	79.825/3.1427 79.850/3.1437	2.425/0.0955	.040/.0016 .114/.0045	22.78/0.897	F780	6	2087 U/L
	3 (FI)	74.917/2.9495 74.940/2.9504	79.825/3.1427 79.850/3.1437	2.425/0.0955	.040/.0016 .114/.0045	28.70/1.130	F780	2	2089 U/L
	5	74.912/2.9493 74.937/2.9503	79.825/3.1427 79.850/3.1437	2.425/0.0955	.045/.0018 .119/.0047	35.33/1.391	F780	2	2088 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5C1199S</b> Std.	<b>Cam</b>								
	1	54.976/2.1644 55.024/2.1663	59.106/2.3270 59.157/2.3290	2.030/0.0798		22.86/0.900	F23	1	GM-7-1
	2	54.976/2.1644 55.024/2.1663	58.877/2.3180 58.928/2.3200	1.910/0.0753		19.81/0.780	F23	1	GM-7-2
	3	54.976/2.1644 55.024/2.1663	58.623/2.3080 58.674/2.3100	1.790/0.0703		19.81/0.780	F23	1	GM-7-3
	4	54.976/2.1644 55.024/2.1663	58.369/2.2980 58.420/2.3000	1.660/0.0653		19.81/0.780	F23	1	GM-7-4
	5	50.975/2.0069 51.026/2.0089	54.381/2.1410 54.432/2.1430	1.660/0.0655		19.81/0.780	F23	1	GM-7-5
<b>RB3864Y20</b> Semi	<b>Small End - semi-finished - .020" bore stock allowance.</b>								
		31.026/1.2215 (Finished ID Size)	33.139/1.3047 (Nominal)			25.40/1.000	F100	1	3864Y20

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>43</b>
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
400 (6.6) Small block			V8	4.13 x 3.75	Connecting Rod 45 ft. lbs/61 Nm				
400 (6.6) Small block			E V8	4.13 x 3.75	Main Bearing 75 ft.lbs/102 Nm				
400 (6.6) Small block			K V8	4.13 x 3.75					
400 (6.6) Small block			M V8	4.13 x 3.75					
400 (6.6) Small block			R V8	4.13 x 3.75					
400 (6.6) Small block			U V8	4.13 x 3.75					
400 (6.6) Small block			X V8	4.13 x 3.75					

**Rod - High Strength Aluminum Silicon material.**

53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F810	16	2376A
53.340/2.1000	56.520/2.2252		.081/.0032				

**8B663A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 8B663A.**

53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F810	16	9026A
53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH

**8B663AO/S2**  
10 20 30 40

**Rod - standard oil clearance.**

53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F780	16	2376
53.340/2.1000	56.520/2.2252		.081/.0032				IH

**8B663P**  
Std. 01 10 20 30 40 50 60

**Rod - .002" oversize OD version of 8B663P.**

53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F780	16	9026
53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH

**8B663PO/S2**  
10 20 30 40

**Main - optional set to 5M1038P with +0.010" overflange length increase. \*See below for dimensional information.**

1,2,3,4	67.269/2.6484	72.151/2.8406	2.423/0.0954	.013/.0005	20.44/0.805	F780	8	7113
	67.292/2.6493	72.174/2.8415		.084/.0033				U/L
5 (FI)	67.257/2.6479	72.151/2.8406	2.423/0.0954	.025/.0010	43.89/1.728	F780	2	1036
	67.280/2.6488	72.174/2.8415		.097/.0038				U/L

**5M1036P**  
10 20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M1036P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.728"	+0.010"
.020" u/s shaft	1.728"	+0.010"
.030" u/s shaft	1.728"	+0.010"
.040" u/s shaft	1.728"	+0.010"

**Main - half groove - standard oil clearance.**

1,2,3,4	67.269/2.6484	72.151/2.8406	2.423/0.0954	.013/.0005	20.44/0.805	F780	8	7113
	67.292/2.6493	72.174/2.8415		.084/.0033				U/L
5 (FI)	67.257/2.6479	72.151/2.8406	2.423/0.0954	.025/.0010	43.64/1.718	F780	2	7115
	67.280/2.6488	72.174/2.8415		.097/.0038				U/L

**5M1038P**  
Std. 01 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - optional set to 5M1038P with +0.004" overflange length increase. \*See below for dimensional information.**

1,2,3,4	67.269/2.6484	72.151/2.8406	2.423/0.0954	.013/.0005	20.44/0.805	F780	8	7113
	67.292/2.6493	72.174/2.8415		.084/.0033				U/L
5 (FI)	67.257/2.6479	72.151/2.8406	2.423/0.0954	.025/.0010	43.74/1.722	F780	2	7155
	67.280/2.6488	72.174/2.8415		.097/.0038				U/L

**5M7155P**  
40

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 5M7155P**

	Overall Width (Nominal)	Increase in Width
.040" u/s shaft	1.722"	+0.004"

**Cam - Single piece from 5C3346C set**

1-5	47.452/1.8682	50.775/1.9990	1.641/0.0646	.025/.0010	19.05/0.750	F830	1	3346
	47.478/1.8692	50.825/2.0010		.127/.0050				

**1C3346C**  
Std.

**Cam - Single piece from 5C3349C set (#1 cam).**

	47.452/1.8682	51.283/2.0190	1.895/0.0746	.025/.0010	19.05/0.750	F830	1	3349
	47.478/1.8692	51.333/2.0210		.127/.0050				

**1C3349C**  
Std.

**Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682	51.537/2.0290	2.022/0.0796	.025/.0010	19.05/0.750	F830	5	19536
	47.478/1.8692	51.587/2.0310		.127/.0050				

**5C004AS**  
Std.

**Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682	51.791/2.0390	2.149/0.0846	.025/.0010	19.05/0.750	F830	5	19537
	47.478/1.8692	51.841/2.0410		.127/.0050				

**5C004BS**  
Std.

# CHEVROLET



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>43 (Cont'd.)</b>										
<b>5C290S</b> Std.	<b>Cam - standard housing bores.</b>									
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3	
	<b>Cam - All housing bores constant at 1.9990"/2.0010" (High Performance)</b>									
	<b>5C3346C</b> Std.	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346
<b>5C3349C</b> Std.	<b>Cam - standard housing bores (High Performance).</b>									
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346	
	<b>44 ENGINE</b>									
	<b>496 (8.1)</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
	<b>G</b>	<b>V8</b>	<b>4.25 x 4.37</b>	<b>Connecting Rod 22 ft.lbs + 90 deg</b> <b>Main Bearing 22 ft.lbs + 80 deg (Outer studs)</b> <b>Main Bearing 22 ft.lbs + 90 deg (Inner bolts)</b>						
<b>8B743A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>									
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/0.0620	.017/.0007 .081/.0032	22.58/0.889	F810	16	7100A IH	
<b>8B743AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B743A.</b>									
		55.855/2.1990 55.880/2.2000	59.098/2.3267 59.111/2.3272	1.727/0.0680 (@ .010" u/s)	.017/.0007 .081/.0032	22.58/0.889	F810	16	9100A IH	
<b>8B743P</b> Std. 01 10 20 30 40	<b>Rod</b>									
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/0.0620	.017/.0007 .081/.0032	22.58/0.889	F780	16	7100 IH	
<b>8B743PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B743P.</b>									
		55.855/2.1990 55.880/2.2000	59.098/2.3267 59.111/2.3272	1.727/0.0680 (@ .010" u/s)	.017/.0007 .081/.0032	22.58/0.889	F780	16	9100 IH	
<b>5C616S</b> Std.	<b>Cam - engines from 1967 on.</b>									
	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/0.0941		21.97/0.865	F23	1	CH-12-1	
	2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.260/0.0891		25.02/0.985	F23	2	CH-12-2	
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.140/0.0841		25.02/0.985	F23	2	CH-12-3	

## CHEVROLET PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
262 (4.3).....			V8	75-76	1	350 (5.7).....			V8	67-04	1
265.....			V8	55-57	2	350 (5.7).....	Gen III	G	V8	97-04	3
267 (4.4).....			V8	79-82	1	350 (5.7).....	Gen III	S	V8	01-04	3
283.....			V8	57-67	2	364 (6.0).....	Vortec 6000	U	V8	99-05	3
294 (4.8).....	Vortec 4800	V	V8	99-05	3	366 (6.0).....			V8	66-67	4
302 (5.0).....			V8	68-69	1	396.....			V8	65-69	4
302.....			V8	67-67	2	396.....			V8	70-70	4
305 (5.0).....			V8	76-02	1	400 (6.6).....			V8	70-80	5
307.....			V8	68-73	1	402.....			V8	70-72	4
323 (5.3).....	Vortec 5300	T	V8	99-05	3	427 (7.0).....			V8	66-69	4
327.....			V8	68-69	1	454 (7.4).....			V8	70-00	4
327.....			V8	62-67	2	502 (8.2).....			V8		4

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
262 (4.3)		V8	3.671 x 3.109	Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)					
267 (4.4)		V8	3.500 x 3.484	Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)					
302 (5.0)		V8	4.000 x 3.000	Main Bearing 75 ft.lbs/102 Nm					
305 (5.0)		V8	3.736 x 3.484						
307		V8	3.875 x 3.250						
327		V8	4.000 x 3.250						
350 (5.7)		V8	4.000 x 3.484						

<b>Rod - For custom engines with 1.8890" journal.</b>									<b>1B1663H</b> Std. 01 10
47.968/1.8885	51.181/2.0150	1.587/0.0625	.025/.0010	20.12/0.792	F781	2	7000H IH		
47.980/1.8890	51.194/2.0155		.066/.0026						
<b>Rod - For custom engines with 1.8890" journal - bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									<b>1B1663HX</b> Std.
47.968/1.8885	51.181/2.0150	1.575/0.0620	.051/.0020	20.12/0.792	F781	2	7000HX IH		
47.980/1.8890	51.194/2.0155		.091/.0036						
<b>Rod - For custom engines with 1.8890" journal and 0.896" wide. Dowel hole in cap half.</b>									<b>1B1665HD</b> Std. 01
47.968/1.8885	51.181/2.0150	1.588/0.0625	.024/.0009	22.75/0.896	F781	2	7001HD U/L		
47.981/1.8890	51.194/2.0155		.066/.0026						
<b>Rod - For custom engines with 1.8890" journal and 0.896" wide. Dowel hole in cap half. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									<b>1B1665HDX</b> Std.
47.968/1.8885	51.181/2.0150	1.575/0.0620	.024/.0009	22.75/0.896	F781	2	7001HDX U/L		
47.981/1.8890	51.194/2.0155		.066/.0026						
<b>Rod - bearing shell does not contain dowel hole.</b>									<b>1B663H</b> Std. 01 09 10 11 20
53.315/2.0990	56.507/2.2247	1.575/0.0620	.023/.0009	21.25/0.837	F780	2	2376H U/L		
53.340/2.1000	56.520/2.2252		.076/.0030						
<b>Rod - Dowel hole in cap half.</b>									<b>1B663HD</b> Std. 01 10
53.315/2.0990	56.507/2.2247	1.575/0.0620	.023/.0009	21.25/0.837	F781	2	2376HD U/L		
53.340/2.1000	56.520/2.2252		.076/.0030						
<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									<b>1B663HX</b> Std.
53.315/2.0990	56.507/2.2247	1.562/0.0615	.047/.0019	21.25/0.837	F780	2	2376HX U/L		
53.340/2.1000	56.520/2.2252		.102/.0040						
<b>Rod - Dowel hole in cap half. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									<b>1B663HDX</b> Std.
53.315/2.0990	56.507/2.2247	1.562/0.0615	.047/.0019	21.25/0.837	F781	2	2376HDX U/L		
53.340/2.1000	56.520/2.2252		.102/.0040						
<b>Main - 3/4 grooved set.</b>									<b>5M909H</b> Std. 01 09 10 11 20
1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.424/0.0954	.013/.0005 .073/.0029	20.50/0.807	F780	8	2377H U/L	
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.424/0.0954	.013/.0005 .073/.0029	43.64/1.718	F780	2	2378H U/L	
<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									<b>5M909HX</b> Std.
1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.411/0.0949	.039/.0015 .100/.0039	20.50/0.807	F780	8	2377HX U/L	
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.411/0.0949	.039/.0015 .100/.0039	43.64/1.718	F780	2	2378HX U/L	
<b>Cam - Single piece from 5C3346C set.</b>									<b>1C3346C</b> Std.
1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346	

# CHEVROLET PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>1C3349C</b> Std.	<b>Cam - Single piece from 5C3349C set (#1 Cam).</b>								
		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
<b>5C004AS</b> Std.	<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310". Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536
<b>5C004BS</b> Std.	<b>Cam - +0.020" O.D. all housing bores 2.0390"/2.0410". Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537
<b>5C3346C</b> Std.	<b>Cam - for blocks with all housing bores constant at 1.9990"-2.0010" (Bow tie CNC Blocks).</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346
<b>5C3349C</b> Std.	<b>Cam</b>								
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346
<b>2 ENGINE</b>									
<b>265</b>			<b>V8</b>	<b>3.750 x 3.000</b>	<b>Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)</b>				
<b>283</b>			<b>V8</b>	<b>3.875 x 3.000</b>	<b>Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)</b>				
<b>302</b>			<b>V8</b>	<b>4.000 x 3.000</b>	<b>Main Bearing 60-70 ft.lbs/81-95 Nm (265, 283, 327 engines only)</b>				
<b>327</b>			<b>V8</b>	<b>4.000 x 3.250</b>	<b>Main Bearing 80 ft.lbs/108 Nm (302 engines only)</b>				
<b>1B745H</b> Std. 01 10	<b>Rod - bearing shell does not contain dowel hole.</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.022/.0009 .076/.0030	21.38/0.842	F780	2	2370H U/L
<b>1B745HD</b> Std.	<b>Rod - Dowel hole in cap half.</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.022/.0009 .076/.0030	21.38/0.842	F781	2	2370HD U/L
<b>1B745HX</b> Std.	<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/0.0616	.048/.0019 .102/.0040	21.38/0.842	F780	2	2370HX U/L
<b>1B745HxD</b> Std.	<b>Rod - Dowel hole in cap half. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/0.0616		21.38/0.842	F781	2	2370HxD U/L
<b>5M429H</b> Std. 01 10	<b>Main - 3/4 grooved set.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/0.0954	.013/.0005 .079/.0031	20.49/0.807	F780	8	2372H U/L
	5 (FI)	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/0.0954	.025/.0010 .092/.0036	43.64/1.718	F780	2	7104H U/L
<b>5M429HX</b> Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/0.0949	.038/.0015 .104/.0041	20.49/0.807	F780	8	2372HX U/L
	5 (FI)	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.410/0.0949	.050/.0020 .116/.0046	43.64/1.718	F780	2	7104HX U/L
<b>1C3346C</b> Std.	<b>Cam - Single piece from 5C3346C set.</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346
<b>1C3349C</b> Std.	<b>Cam - Single piece from 5C3349C set (#1 Cam).</b>								
		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
<b>5C004AS</b> Std.	<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310". Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **2**

**Cam - +0.020" O.D. all housing bores 2.0390"/2.0410". Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537	<b>5C004BS</b> Std.
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**Cam - for 1955-63 engines only.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	<b>5C287S</b> Std.
2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	1	CH-4-2	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3	
5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		24.00/0.945	F23	1	CH-4-4	

**Cam - for blocks with all housing bores constant at 1.9990"-2.0010" (Bow tie CNC Blocks).**

1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346	<b>5C3346C</b> Std.
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**Cam - for 1964-67 engines only.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	<b>5C3349C</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346	

**ENGINE**

**VIN**

**CYL**

**Bore x Stroke**

**TORQUE SETTINGS**

**294 (4.8) Vortec 4800**

**V**

**V8**

**96mm x 83mm**

**Connecting Rod 15 ft.lbs/20 Nm + 60 deg.**

**323 (5.3) Vortec 5300**

**T**

**V8**

**96mm x 92mm**

**Main Bearing Consult service manual**

**350 (5.7) Gen III**

**G**

**V8**

**99mm x 92mm**

**350 (5.7) Gen III**

**S**

**V8**

**99mm x 92mm**

**364 (6.0) Vortec 6000**

**U**

**V8**

**101.6mm x 92mm**

**3**

**Rod**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.023/.0009 .076/.0030	21.25/0.837	F780	2	2376H U/L	<b>1B663H</b> Std. 01 09 10 11 20
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**Rod - Dowel hole in cap half.**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.023/.0009 .076/.0030	21.25/0.837	F781	2	2376HD U/L	<b>1B663HD</b> Std. 01 10
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**Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/0.0615	.047/.0019 .102/.0040	21.25/0.837	F780	2	2376HX U/L	<b>1B663HX</b> Std.
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**Rod - Dowel hole in cap half. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/0.0615	.047/.0019 .102/.0040	21.25/0.837	F781	2	2376HDX U/L	<b>1B663HDX</b> Std.
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**Main**

1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.013/.0005 .065/.0026	20.45/0.805	F780	8	7298H U/L	<b>5M7298H</b> Std. 01 10 20
3 (FI)	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.013/.0005 .065/.0026	26.10/1.028	F780	2	7299H U/L	

**Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/0.0952	.038/.0015 .091/.0036	20.45/0.805	F780	8	7298HX U/L	<b>5M7298HX</b> Std.
3 (FI)	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/0.0952	.038/.0015 .091/.0036	26.10/1.028	F780	2	7299HX U/L	

**Cam - 1997-2003 with 1st design # 1 & 5 housing size of 2.3260"-2.3280".**

1,5	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1	<b>5C1000S</b> Std.
2,4	54.991/2.1650 55.042/2.1670	58.829/2.3161 58.879/2.3181	1.880/0.0740		16.00/0.630	F23	2	CH-10-2	
3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3	

# CHEVROLET PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 (Cont'd.)</b>									
5C1001S Std.	<b>Cam - 2003 on with 2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</b>								
	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/0.0890		16.00/0.630	F23	2	CH-23-1
	2,4	54.991/2.1650 54.042/2.1276	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3
<b>4 ENGINE</b>									
	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
366 (6.0)		V8	3.938 x 3.766	<b>Connecting Rod 45-55 ft.lbs</b>					
396		V8	4.094 x 3.766	<b>Main Bearing 110-120 ft.lbs</b> High Performance					
396		V8	4.125 x 3.766	engines only.					
402		V8	4.125 x 3.766	<b>Main Bearing 90-100 ft.lbs</b> All engines except High					
427 (7.0)		V8	4.250 x 3.766	Performance.					
454 (7.4)		V8	4.250 x 4.000						
502 (8.2)		V8	4.470 x 4.000						
1B743H Std. 01 09 10 11 20	<b>Rod - bearing shell does not contain dowel hole.</b>								
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/0.0619	.022/.0009 .076/.0030	22.58/0.889	F780	2	7100H U/L
1B743HD Std. 01 10	<b>Rod - Dowel hole in cap half.</b>								
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/0.0619	.022/.0009 .076/.0030	22.58/0.889	F781	2	7100HD U/L
1B743HX Std.	<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/0.0614	.048/.0019 .102/.0040	22.58/0.889	F780	2	2370HX U/L
1B743HXD Std.	<b>Rod - Dowel hole in cap half. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		55.855/2.1990 55.855/2.1990	59.047/2.3247 59.060/2.3252	1.559/0.0614	.048/.0019 .102/.0040	22.58/0.889	F781	2	7100HDX U/L
5M829H Std. 01 09 10 11 20	<b>Main - 3/4 grooved set.</b>								
	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.372/0.0934	.018/.0007 .095/.0037	26.46/1.042	F780	8	7102H U/L
	5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.372/0.0934	.030/.0012 .105/.0041	46.00/1.811	F780	2	7103H U/L
5M829HX Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.368/0.0932	.010/.0004 .087/.0034	26.46/1.042	F780	8	7102HX U/L
	5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.368/0.0932	.020/.0008 .097/.0038	46.00/1.811	F780	2	7103HX U/L
5C615S Std.	<b>Cam - for 1965-66 engines only.</b>								
	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/0.0941		21.97/0.865	F23	1	CH-12-1
	2	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.260/0.0891		25.02/0.985	F23	1	CH-12-2
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.140/0.0841		25.02/0.985	F23	2	CH-12-3
	5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.270/0.0894		25.02/0.985	F23	1	CH-9-4
5C616S Std.	<b>Cam - for 1967-98 engines only.</b>								
	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/0.0941		21.97/0.865	F23	1	CH-12-1
	2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.260/0.0891		25.02/0.985	F23	2	CH-12-2
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.140/0.0841		25.02/0.985	F23	2	CH-12-3



# CHEVROLET PERFORMANCE

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>5</b>
<b>400 (6.6)</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				<b>V8</b>	<b>4.125 x 3.750</b>	<b>Connecting Rod 45 ft.lbs/61 Nm</b>			
						<b>Main Bearing 75 ft.lbs/102 Nm</b>			
<b>Rod - bearing shell does not contain dowel hole.</b>									
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.023/.0009 .076/.0030	21.25/0.837	F780	2	2376H U/L	<b>1B663H</b> Std. 01 09 10 11 20
<b>Rod - Dowel hole in cap half.</b>									
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.023/.0009 .076/.0030	21.25/0.837	F781	2	2376HD U/L	<b>1B663HD</b> Std. 01 10
<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/0.0615	.047/.0019 .102/.0040	21.25/0.837	F780	2	2376HX U/L	<b>1B663HX</b> Std.
<b>Rod - Dowel hole in cap half. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/0.0615	.047/.0019 .102/.0040	21.25/0.837	F781	2	2376HDX U/L	<b>1B663HDX</b> Std.
<b>Main - 3/4 grooved set.</b>									
1,2,3,4	67.269/2.6484 67.292/2.6493	72.151/2.8406 72.174/2.8415	2.421/0.0953	.018/.0007 .080/.0031	20.44/0.805	F780	8	7113H U/L	<b>5M1038H</b> Std. 01 10
5 (FI)	67.257/2.6479 67.280/2.6488	72.151/2.8406 72.174/2.8415	2.421/0.0953	.030/.0012 .092/.0036	43.64/1.718	F780	2	7115H U/L	
<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
1,2,3,4	67.269/2.6484 67.292/2.6493	72.151/2.8406 72.174/2.8415	2.410/0.0949	.013/.0005 .084/.0033	20.44/0.805	F780	8	7113HX U/L	<b>5M1038HX</b> Std.
5 (FI)	67.257/2.6479 67.280/2.6488	72.151/2.8406 72.174/2.8415	2.410/0.0949	.025/.0010 .097/.0038	43.64/1.718	F780	2	7115HX U/L	
<b>Cam - Single piece from 5C3346C set.</b>									
1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346	<b>1C3346C</b> Std.
<b>Cam - Single piece from 5C3349C set (#1 Cam).</b>									
	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	<b>1C3349C</b> Std.
<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310". Customer to drill oil holes.</b>									
1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536	<b>5C004AS</b> Std.
<b>Cam - +0.020" O.D. all housing bores 2.0390"/2.0410". Customer to drill oil holes.</b>									
1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537	<b>5C004BS</b> Std.
<b>Cam - for blocks with all housing bores constant at 1.9990"-2.0010" (Bow tie CNC Blocks).</b>									
1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346	<b>5C3346C</b> Std.
<b>Cam</b>									
1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	<b>5C3349C</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346	

## CHRYSLER ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
122 1996cc (2.0)...	16V DOHC	C	L4	00-00	1	215 3497cc (3.5)...	SOHC (Aluminum Block)	G	V6	99-06	10
122 1996cc (2.0)...	16V DOHC	Y	L4	95-99	1	215 3497cc (3.5)...	SOHC (Aluminum Block)	K	V6	03-04	10
122 1996cc (2.0)...	16V DOHC (ECF)	Y	L4	96-98	1	215 3497cc (3.5)...	SOHC (Aluminum Block)	M	V6	02-04	10
135 (2.2) .....	DOHC, Turbo	A	L4	92-93	2	215 3497cc (3.5)...	SOHC (Cast Iron Block) (EGE)	F	V6	97-97	12
135 (2.2) .....	SOHC, Turbo	A	L4	87-89	2	225 .....	Forged Crankshaft		L6	60-76	8
135 (2.2) .....	SOHC	B	L4	82-82	2	225 3687cc (3.7)...	Cast Crankshaft	C	L6	78-80	13
135 (2.2) .....	SOHC	C	L4	83-84	2	225 3687cc (3.7)...	Cast Crankshaft	D	L6	78-80	13
135 (2.2) .....	SOHC, Turbo	C	L4	90-90	2	225 3687cc (3.7)...	Cast Crankshaft	E	L6	81-82	13
135 (2.2) .....	SOHC	D	L4	84-89	2	225 3687cc (3.7)...	Cast Crankshaft	F	L6	81-81	13
135 (2.2) .....	SOHC, Turbo	E	L4	84-88	2	225 3687cc (3.7)...	Cast Crankshaft	G	L6	81-82	13
135 (2.2) .....	DOHC, Turbo	P	L4	89-89	2	225 3687cc (3.7)...	Cast Crankshaft	H	L6	83-83	13
135 (2.2) .....	DOHC, Turbo	R	L4	89-90	2	225 3687cc (3.7)...	Cast Crankshaft	K	L6	83-83	13
2351cc (2.4).....	Mits 4G64	G	L4	01-05	3	230 (3.8) .....	OHV	L	V6	91-06	11
148 2429cc (2.4)...	DOHC	B	L4	00-02	4	318 (5.2) .....		G	V8	75-80	14
148 2429cc (2.4)...	DOHC	X	L4	00-02	4	318 (5.2) .....		H	V8	78-80	14
148 2429cc (2.4)...	DOHC (EDZ)	X	L4	95-98	4	318 (5.2) .....		J	V8	81-82	14
152 2497cc (2.5)...	Mits 6G73	H	V6	99-00	5	318 (5.2) .....		K	V8	81-82	14
152 2497cc (2.5)...	Mits 6G73	N	V6	95-00	5	318 (5.2) .....		L	V8	81-81	14
152 2497cc (2.5)...	Mits 6G73 (EEB)	H	V6	95-98	5	318 (5.2) .....		M	V8	81-82	14
152 2497cc (2.5)...	Mits 6G73 (EEB)	N	V6	96-98	5	318 (5.2) .....		N	V8	81-83	14
153 2507cc (2.5)...	SOHC, Turbo	J	L4	89-92	2	318 (5.2) .....		P	V8	83-89	14
153 2507cc (2.5)...	SOHC	K	L4	89-89	2	345 (5.7) .....	Hemi	H	V8	05-06	15
153 2507cc (2.5)...	SOHC	K	L4	86-93	2	360 (5.9) .....		J	V8	74-79	17
156 2555cc (2.6)...	Mits G54B (SOHC)	D	L4	82-82	6	360 (5.9) .....		K	V8	71-80	17
156 2555cc (2.6)...	Mits G54B (SOHC)	G	L4	83-85	6	360 (5.9) .....		L	V8	78-79	17
156 2555cc (2.6)...	Mits G54B (SOHC), Turbo	H	L4	87-87	6	361 (5.9) .....			V8	61-64	16
156 2555cc (2.6)...	Mits G54B (SOHC), Turbo	N	L4	87-89	6	383 (6.4) .....			V8	59-60	18
167 2700cc (2.7)...		R	V6	02-06	7	383 (6.3) .....			V8	59-67	16
167 2700cc (2.7)...		T	V6	03-06	7	383 (6.3) .....		G	V8	68-69	16
167 2700cc (2.7)...		U	V6	01-01	7	383 (6.3) .....		H	V8	68-69	16
167 2700cc (2.7)...	(EER)	R	V6	98-06	7	383 (6.3) .....		L	V8	70-71	16
181 2972cc (3.0)...	Mits 6G72	3	V6	88-00	9	383 (6.3) .....		N	V8	70-71	16
181 2972cc (3.0)...	Mits 6G72	H	V6	01-05	9	400 (6.6) .....		M	V8	72-76	16
181 2972cc (3.0)...	Mits 6G72	S	V6	90-91	9	400 (6.6) .....		N	V8	74-78	16
197 3200cc (3.2)...	SOHC (EGW)	J	V6	98-01	10	400 (6.6) .....		P	V8	75-78	16
201 (3.3) .....	OHV	3	V6	01-03	11	413 .....			V8	59-65	18
201 (3.3) .....	OHV	G	V6	00-00	11	426 (7.0) .....	(Excl. Hemi)		V8	63-63	18
201 (3.3) .....	OHV	R	V6	90-06	11	426 (7.0) .....	Hemi		V8	64-71	19
201 (3.3) .....	OHV	T	V6	93-96	11	440 (7.2) .....			V8	66-67	18
201 (3.3) .....	OHV	U	V6	94-95	11	440 (7.2) .....		K	V8	68-69	18
201 (3.3) .....	OHV (EGB)	T	V6	97-97	11	440 (7.2) .....		L	V8	68-69	18
201 (3.3) .....	OHV (EGM)	G	V6	98-00	11	440 (7.2) .....		T	V8	70-78	18
215 3497cc (3.5)...	SOHC (Aluminum Block)	4	V6	04-06	10	440 (7.2) .....		U	V8	70-75	18
215 3497cc (3.5)...	SOHC (Cast Iron Block)	F	V6	93-97	12						

## CHRYSLER MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
300	413				59-65	CONCORDE - LIMITED	215	3497	3.5	SOHC (Aluminum Block)	02-04
	167	2700	2.7		05-06	CONCORDE - LX	167	2700	2.7		02-04
	383		6.3		62-66		201		3.3	OHV	96
	426		7.0	(Excl. Hemi)	63		215	3497	3.5	SOHC (Cast Iron Block)	96-97
	440		7.2		66-71	CONCORDE - LXI	215	3497	3.5	SOHC (Aluminum Block)	02-04
300 - C	345		5.7	Hemi	05-06		215	3497	3.5	SOHC (Cast Iron Block)	96-97
300 - LIMITED	215	3497	3.5	SOHC (Aluminum Block)	05-06	CONQUEST	156	2555	2.6	Mits G54B (SOHC)	87
300 - TOURING	215	3497	3.5	SOHC (Aluminum Block)	99-04	CONQUEST - TSI	156	2555	2.6	Mits G54B (SOHC)	88-89
						CORDOBA	225	3687	3.7	Cast Crankshaft	80-83
300M	215	3497	3.5	SOHC (Aluminum Block)	99-04	318		5.2		75-83	
						360		5.9		75-79	
						400		6.6		75-78	
						CORDOBA - CROWN	225	3687	3.7	Cast Crankshaft	80
300M - PRO-AM EDITION	215	3497	3.5	SOHC (Aluminum Block)	03	318		5.2		80	
						CORDOBA - LS	225	3687	3.7	Cast Crankshaft	80-82
300M - SPECIAL	215	3497	3.5	SOHC (Aluminum Block)	02-04	318		5.2		81-82	
						DAYTONA	135		2.2	DOHC	93
CIRRUS	122	1996	2.0	16V DOHC	00	135		2.2	SOHC	84-89	
						152	2497	2.5	Mits 6G73	98-00	
CIRRUS - LX	148	2429	2.4	DOHC	95-97	153	2507	2.5	SOHC	87-93	
						152	2497	2.5	Mits 6G73	95-97	
CIRRUS - LXI	148	2429	2.4	DOHC	97	181	2972	3.0	Mits 6G72	90-93	
						152	2497	2.5	Mits 6G73	95-97	
CONCORDE	167	2700	2.7		98-01	DAYTONA - IROC R/T	135		2.2	DOHC	92
						DAYTONA - PACIFICA	135		2.2	SOHC	87-88
						DAYTONA - SHELBY Z	135		2.2	SOHC	87
						DYNASTY	153	2507	2.5	SOHC	88-92
							181	2972	3.0	Mits 6G72	89-90

**CHRYSLER MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
DYNASTY	201		3.3	OHV	91-93	NEW YORKER	318		5.2		79-82
E CLASS	135		2.2	SOHC	83-84		360		5.9		79-80
	156	2555	2.6	Mits G54B (SOHC)	83-84		426		7.0	(Excl. Hemi)	63
EXECUTIVE							440		7.2		66-74
LIMOUSINE	156	2555	2.6	Mits G54B (SOHC)	85	NEW YORKER -					
EXECUTIVE SEDAN	156	2555	2.6	Mits G54B (SOHC)	83-84	BROUGHAM	360		5.9		77-78
FIFTH AVENUE	225	3687	3.7	Cast Crankshaft	83		400		6.6		75-78
	318		5.2		83-89		440		7.2		72-78
GRAND VOYAGER	181	2972	3.0	Mits 6G72	00	NEW YORKER -					
	201		3.3	OHV	00	FIFTH AVENUE	201		3.3	OHV	90-93
GRAND VOYAGER -							230		3.8	OHV	91-93
SE	181	2972	3.0	Mits 6G72	00	NEW YORKER -					
	201		3.3	OHV	00	LANDAU	181	2972	3.0	Mits 6G72	88-89
IMPERIAL	201		3.3	OHV	90-91		201		3.3	OHV	90
	230		3.8	OHV	91-93	NEW YORKER -					
	318		5.2		81-83	SALON	201		3.3	OHV	90-93
	440		7.2		66-67	NEW YORKER -					
IMPERIAL - CROWN	440		7.2		68-70	TURBO	135		2.2	SOHC	88
IMPERIAL - LEBARON	440		7.2		68-75	NEWPORT	225	3687	3.7	Cast Crankshaft	79-81
INTREPID	167	2700	2.7		98-04		318		5.2		79-81
	197	3200	3.2	SOHC	98-01		360		5.9		71-80
	201		3.3	OHV	93-97		361		5.9		61-64
	215	3497	3.5	SOHC (Aluminum	03-04		383		6.3		65-71
				Block)			400		6.6		73-78
	215	3497	3.5	SOHC (Cast Iron	93-97		426		7.0	(Excl. Hemi)	63
				Block)			440		7.2		66-78
INTREPID - ES	201		3.3	OHV	95	NEWPORT - CUSTOM	360		5.9		74-76
	215	3497	3.5	SOHC (Cast Iron	95-96		383		6.3		68-71
				Block)			400		6.6		72-76
LASER	135		2.2	SOHC	84-86		440		7.2		68-76
	153	2507	2.5	SOHC	86	NEWPORT - ROYAL	360		5.9		72
LASER - XE	135		2.2	SOHC	84-86		400		6.6		72
	153	2507	2.5	SOHC	86		440		7.2		72
LEBARON	135		2.2	SOHC	82-89	PACIFICA	215	3497	3.5	SOHC (Aluminum	04-06
	153	2507	2.5	SOHC	86-93						
	156	2555	2.6	Mits G54B (SOHC)	82-85		230		3.8	OHV	05-06
	225	3687	3.7	Cast Crankshaft	78-81	PACIFICA - LIMITED	215	3497	3.5	SOHC (Aluminum	06
	181	2972	3.0	Mits 6G72	90-93						
	318		5.2		77-81	PACIFICA - TOURING	215	3497	3.5	SOHC (Aluminum	06
	360		5.9		78-79						
LEBARON - GTC	135		2.2	DOHC	89	PROWLER	215	3497	3.5	SOHC (Aluminum	01-02
	135		2.2	SOHC	90						
	153	2507	2.5	SOHC	89-92	PT CRUISER	148	2429	2.4	DOHC	01-02
	181	2972	3.0	Mits 6G72	91-95	SARATOGA	383		6.3		59-60
LEBARON - GTS	135		2.2	SOHC	85-89	SEBRING		2351	2.4	Mits 4G64	01-05
	153	2507	2.5	SOHC	86-89		148	2429	2.4	DOHC	01-02
LEBARON - LANDAU	153	2507	2.5	SOHC	92		167	2700	2.7		01-05
	181	2972	3.0	Mits 6G72	92-94		181	2972	3.0	Mits 6G72	01-05
LEBARON - LE	153	2507	2.5	SOHC	93	SEBRING - GTC	167	2700	2.7		06
	181	2972	3.0	Mits 6G72	93-94	SEBRING - JX	148	2429	2.4	DOHC	96-98
LEBARON - LX	181	2972	3.0	Mits 6G72	91-93		152	2497	2.5	Mits 6G73	96-00
LEBARON - LX SEDAN	181	2972	3.0	Mits 6G72	92	SEBRING - JXI	148	2429	2.4	DOHC	97-98
LEBARON -							152	2497	2.5	Mits 6G73	96-00
MEDALLION	135		2.2	SOHC	82	SEBRING - LIMITED	167	2700	2.7		06
	156	2555	2.6	Mits G54B (SOHC)	82	SEBRING - LX	122	1996	2.0	16V DOHC	95-99
	225	3687	3.7	Cast Crankshaft	78-81		152	2497	2.5	Mits 6G73	95-00
	318		5.2		77-81	SEBRING - LXI	152	2497	2.5	Mits 6G73	95-00
	360		5.9		78-79	SEBRING - TOURING	167	2700	2.7		06
LEBARON - S	225	3687	3.7	Cast Crankshaft	78	SEBRING - TSI	167	2700	2.7		06
	318		5.2		78	TC MASERATI	135		2.2	DOHC	89-90
LEBARON - SALON	225	3687	3.7	Cast Crankshaft	79-81		181	2972	3.0	Mits 6G72	90-91
	318		5.2		79-81	TOWN & COUNTRY	135		2.2	SOHC	82-88
	360		5.9		79		153	2507	2.5	SOHC	86-88
LEBARON - SEDAN	153	2507	2.5	SOHC	92		156	2555	2.6	Mits G54B (SOHC)	82-85
	181	2972	3.0	Mits 6G72	92		225	3687	3.7	Cast Crankshaft	78-81
LEBARON - SPECIAL	225	3687	3.7	Cast Crankshaft	81		201		3.3	OHV	90-06
	318		5.2		81		230		3.8	OHV	94-05
LEBARON - TOWN &							318		5.2		78-81
COUNTRY	225	3687	3.7	Cast Crankshaft	81		360		5.9		78-79
LHS	215	3497	3.5	SOHC (Aluminum	99-01		361		5.9		61-64
				Block)			383		6.3		59-71
	215	3497	3.5	SOHC (Cast Iron	94-97		400		6.6		72-77
				Block)			426		7.0	(Excl. Hemi)	63
NEW YORKER	135		2.2	SOHC	83-87		440		7.2		68-77
	153	2507	2.5	SOHC	86-87	TOWN & COUNTRY -					
	156	2555	2.6	Mits G54B (SOHC)	83-85	LIMITED	230		3.8	OHV	06
	225	3687	3.7	Cast Crankshaft	82	TOWN & COUNTRY -					
	181	2972	3.0	Mits 6G72	88-89	LX	201		3.3	OHV	96-06
	215	3497	3.5	SOHC (Cast Iron	94-96		230		3.8	OHV	96-98
				Block)							

## CHRYSLER MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
TOWN & COUNTRY - LXI	201		3.3	OHV	01	VOYAGER	181	2972	3.0	Mits 6G72	00
	230		3.8	OHV	96-98	VOYAGER - LX	201		3.3	OHV	00-03
TOWN & COUNTRY - SX	201		3.3	OHV	97-98	VOYAGER - SE	201		3.3	OHV	01
	230		3.8	OHV	97-98	WINDSOR	383		6.3		59-61
TOWN & COUNTRY - TOURING	230		3.8	OHV	06						
VOYAGER	148	2429	2.4	DOHC	00-02						

Engine Set No.	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
122 1996cc (2.0) 16V DOHC	C	L4	87.5mm x 83mm	Connecting Rod 20 ft.lbs + 90 deg
122 1996cc (2.0) 16V DOHC	Y	L4	87.5mm x 83mm	Main Bearing 22 ft.lbs M8 bolts with bedplate
122 1996cc (2.0) 16V DOHC (ECF)	Y	L4	87.5mm x 83mm	Main Bearing 30 ft.lbs + 90 deg M10 bolts only
				Main Bearing 40 ft.lbs M10 bolts with bedplate
				Main Bearing 60 ft.lbs M11 bolts only

4B1635P Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.991/1.8894 48.006/1.8900	50.991/2.0075 51.006/2.0081	1.490/0.0587 .005/.0002	.005/.0002 .061/.0024	20.50/0.807	F780	8	7171 IH
4B1635PO/S2 Std. .25 .50 .75	<b>Rod - .002" oversize OD version of 4B1635P.</b>								
		47.991/1.8894 48.006/1.8900	51.041/2.0095 51.056/2.0101	1.640/0.0646 (@ .25 mm u/s)	.005/.0002 .061/.0024	20.50/0.807	F780	8	9091 IH
5M2028P Std. .25 .50 .75	<b>Main - suits engines from 1996 on.</b>								
	1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	8	4342 U/L
	3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	26.26/1.034	F780	2	4343 U/L
	<i>Overflange length remains constant for standards and undersizes.</i>								
5M2028PO/S2 .25 .50 .75	<b>Main - .002" oversize OD version of 5M2028P.</b>								
	1,2,4,5	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	19.96/0.786	F780	8	9093 U/L
	3 (FI)	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	26.26/1.034	F780	2	9094 U/L
	<i>Overflange length remains constant for standards and undersizes.</i>								
5M4372P Std. .25 .50 .75	<b>Main - 1995 engines only (opposite tang position in lower half).</b>								
	1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	4	4372 L
	1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	19.96/0.786	F780	4	4342 U
	3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4373 L
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4343 U	

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
135 (2.2) DOHC Turbo	A	L4	87.5mm x 92mm	Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn
135 (2.2) SOHC Turbo	A	L4	87.5mm x 92mm	Main Bearing 30 ft.lbs/41 Nm + 1/4 turn
135 (2.2) SOHC	B	L4	87.5mm x 92mm	
135 (2.2) SOHC	C	L4	87.5mm x 92mm	
135 (2.2) SOHC Turbo	C	L4	87.5mm x 92mm	
135 (2.2) SOHC	D	L4	87.5mm x 92mm	
135 (2.2) SOHC Turbo	E	L4	87.5mm x 92mm	
135 (2.2) DOHC Turbo	P	L4	87.5mm x 92mm	
135 (2.2) DOHC Turbo	R	L4	87.5mm x 92mm	
153 2507cc (2.5) SOHC Turbo	J	L4	87.5mm x 104mm	
153 2507cc (2.5) SOHC	K	L4	87.50 x 104mm	
153 2507cc (2.5) SOHC	K	L4	87.5mm x 104mm	

4B1269P Std. 10 20 30 40	<b>Rod</b>								
		49.980/1.9677 50.005/1.9687	52.989/2.0862 53.007/2.0869	1.483/0.0584	.018/.0007 .087/.0034	20.04/0.789	F780	8	4360 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **2**

**Main - All engines**

1,2,4,5	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	21.46/0.845	F780	8	4358 IH
3 (FI)	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	27.86/1.097	F780	2	4359 IH

Overflange length remains constant for standard and undersizes.

**Main - optional set to 5M1533P with +0.010" overflange length increase. \*See below for dimensional information.**

1,2,4,5	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	21.46/0.845	F780	8	4358 IH
3 (FI)	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	28.12/1.107	F780	2	4369 IH

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M4369P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.107"	+0.010"
.020" u/s shaft	1.107"	+0.010"
.030" u/s shaft	1.107"	+0.010"
.040" u/s shaft	1.107"	+0.010"

**Balance Shaft - 2.5L engines only (semi-finished)**

	42.012/1.6540 (Nominal)	45.350/1.7854 45.410/1.7878	2.032/0.0800 (Semi)		22.10/0.870	F23	2	PDG-29-1
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**Balance Shaft - 2.2L engines only.**

1	42.670/1.6799 42.695/1.6809	45.970/1.8098 46.030/1.8122	1.633/0.0643		19.05/0.750	F23	1	PDG-26-1
2	19.670/0.7744 19.693/0.7753	22.970/0.9043 23.030/0.9067	1.633/0.0643		21.08/0.830	F23	1	PDG-26-2

**5M1533P**  
Std. 10 20 30 40

**5M4369P**  
10 20 30 40

**2BS1403S**  
Semi

**2C026S**  
Std.

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

**2351cc (2.4) Mits 4G64 G L4 86.5mm x 100mm**

**3**

**Rod**

	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH
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**4B1185**  
Std. .25 .50 .75 1.0

**Main**

1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	10	1186A U/L
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**5M1219**  
Std. .25 .50 .75 1.0

**Thrust**

	63.100/2.4842 63.350/2.4941 (I.D.)	80.500/3.1693 80.750/3.1791 (O.D.)			2.11/0.083	F250	2	1219T IH
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**1T1219**  
Std.

Note : Set contains two pieces. Required with 5M1219 main set.

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

**148 2429cc (2.4) DOHC B L4 87.5mm x 101mm Connecting Rod 21 ft.lbs/28 Nm + 90 deg turn**  
**148 2429cc (2.4) DOHC X L4 87.5mm x 101mm Main Bearing 25 ft.lbs/34 Nm (M8 Bedplate Bolts)**  
**148 2429cc (2.4) DOHC (EDZ) X L4 87.5mm x 101mm Main Bearing 30 ft.lbs/41 Nm + 90 deg turn (M11 Main Cap Bolts)**

**4**

**Rod**

	50.007/1.9688 50.025/1.9695	52.995/2.0864 53.007/2.0869	1.483/0.0584	.004/.0002 .060/.0024	20.13/0.793	F780	8	4565 IH
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**4B4565P**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 4B4565P.**

	50.007/1.9688 50.025/1.9695	53.045/2.0884 53.057/2.0889	1.633/0.0643 (@ 0.25 mm u/s)	.004/.0002 .060/.0024	20.13/0.793	F780	8	9096 IH
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**4B4565PO/S2**  
.25 .50 .75 1.0

**Main**

1,2,4,5	59.992/2.3619 60.007/2.3625	64.000/2.5197 64.013/2.5202	1.984/0.0781	.018/.0007 .058/.0023	21.62/0.851	F780	8	7312 IH
3 (FI)	59.992/2.3619 60.007/2.3625	64.000/2.5197 64.013/2.5202	1.984/0.0781	.017/.0007 .058/.0023	27.86/1.097	F780	2	7313 U/L

Overflange length remains constant for standard and undersizes.

**5M7313P**  
Std. .25 .50 .75

# CHRYSLER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>4 (Cont'd.)</b>									
<b>Main - .002" oversize OD version of 5M7313P.</b>									
<b>5M7313PO/S2</b> .25 .50 .75	1,2,4,5	50.992/2.0076 60.007/2.3625	64.051/2.5217 64.063/2.5222	2.134/0.0840 (@ 0.25mm u/s)	.018/.0007 .058/.0023	21.62/0.851	F780	8	9097 IH
	3 (FI)	59.992/2.3619 60.007/2.3625	64.051/2.5217 64.063/2.5222	2.134/0.0840 (@ 0.25mm u/s)	.017/.0007 .058/.0023	27.86/1.097	F780	2	9098 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>152 2497cc (2.5) Mits 6G73</b>		<b>H</b>	<b>V6</b>	<b>83.5mm x 76mm</b>	<b>Connecting Rod 38 ft.lbs/52 Nm</b>				
<b>152 2497cc (2.5) Mits 6G73</b>		<b>N</b>	<b>V6</b>	<b>83.5mm x 76mm</b>	<b>Main Bearings 60 ft.lbs/81 Nm</b>				
<b>152 2497cc (2.5) Mits 6G73 (EEB)</b>		<b>H</b>	<b>V6</b>	<b>83.5mm x 76mm</b>					
<b>152 2497cc (2.5) Mits 6G73 (EEB)</b>		<b>N</b>	<b>V6</b>	<b>83.5mm x 76mm</b>					
<b>6 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>156 2555cc (2.6) Mits G54B (SOHC)</b>		<b>D</b>	<b>L4</b>	<b>91.1mm x 98mm</b>	<b>Connecting Rod 32-35 ft.lbs/44-47 Nm</b>				
<b>156 2555cc (2.6) Mits G54B (SOHC)</b>		<b>G</b>	<b>L4</b>	<b>91.1mm x 98mm</b>	<b>Main Bearing 55-61 ft.lbs/74-83 Nm</b>				
<b>156 2555cc (2.6) Mits G54B (SOHC) Turbo</b>		<b>H</b>	<b>L4</b>	<b>91.1mm x 98mm</b>					
<b>156 2555cc (2.6) Mits G54B (SOHC) Turbo</b>		<b>N</b>	<b>L4</b>	<b>91.1mm x 98mm</b>					
<b>6 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>4B1136</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		49.972/1.9674 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.493/0.0588	.015/.0006 .089/.0035	15.50/0.610	F810	12	1140A IH
<b>4M1149</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/0.0783	.020/.0008 .086/.0034	18.13/0.714	F810	8	1149A U/L
<b>2T1149</b> Std.	<b>Thrust</b>								
	3	66.000/2.5984 66.250/2.6083	77.450/3.0492 77.700/3.0590			1.98/0.078	F817	4	1149T U/L
<i>Note: Set includes 4 pieces, use on No. 3 position. Required with 4M1149 main set.</i>									
<b>6 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>156 2555cc (2.6) Mits G54B (SOHC)</b>		<b>D</b>	<b>L4</b>	<b>91.1mm x 98mm</b>	<b>Connecting Rod 32-35 ft.lbs/44-47 Nm</b>				
<b>156 2555cc (2.6) Mits G54B (SOHC)</b>		<b>G</b>	<b>L4</b>	<b>91.1mm x 98mm</b>	<b>Main Bearing 55-61 ft.lbs/74-83 Nm</b>				
<b>156 2555cc (2.6) Mits G54B (SOHC) Turbo</b>		<b>H</b>	<b>L4</b>	<b>91.1mm x 98mm</b>					
<b>156 2555cc (2.6) Mits G54B (SOHC) Turbo</b>		<b>N</b>	<b>L4</b>	<b>91.1mm x 98mm</b>					
<b>4B1136</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH
<b>5M1139</b> Std. .25 .50 .75 1.0	<b>Main - for engines with 60mm/2.3622" main journal diameter only.</b>								
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L
	3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	30.95/1.219	F820	2	1135AL IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M1143</b> .25 .50 .75 1.0	<b>Main - optional set to 5M1139 with overflange width increases for undersizes. *See below for dimensional information.</b>								
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L
	3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	(See Table)	F820	2	1143AL IH
<b>* DIMENSIONAL INFORMATION FOR 5M1143</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
0.25 mm u/s shaft				1.223"/31.05mm	+0.004"/0.10mm				
0.50 mm u/s shaft				1.226"/31.13mm	+0.007"/0.18mm				
0.75 mm u/s shaft				1.229"/31.21mm	+0.010"/0.25mm				
1.00 mm u/s shaft				1.232"/31.29mm	+0.013"/0.34mm				



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 6</b>									
<b>Balance Shaft - repair bushing. Single piece +.173" OD. Line bore housing to 1.985"-1.986".</b>									
	43.009/1.6933 43.025/1.6939	50.419/1.9850 50.444/1.9860	3.680/0.1450	.025/.0010 .089/.0035	20.24/0.797	F23	1	8288 OOD	<b>1BS8288</b> Std.
<b>Balance Shaft - with grooved #2 &amp; #3 position bearings.</b>									
2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288	<b>3BS8288</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	
<b>Balance Shaft - without grooved #2 &amp; #3 position bearings.</b>									
2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8369	<b>3BS8369</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	
<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm). Set includes modified upper rear main bearing.)</b>									
1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L	<b>5SC761</b> Std.
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U	
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
167 2700cc (2.7)	R	V6	86mm x 78.5mm	Connecting Rod 20 ft.lbs + 90 deg
167 2700cc (2.7)	T	V6	86mm x 78.5mm	Main Bearing 15 ft.lbs + 90 deg Inner
167 2700cc (2.7)	U	V6	86mm x 78.5mm	Main Bearing 20 ft.lbs 90 deg Outer
167 2700cc (2.7) (EER)	R	V6	86mm x 78.5mm	

<b>Rod - High Strength Aluminum Silicon material.</b>									
	53.492/2.1060 53.510/2.1067	56.493/2.2241 56.507/2.2247	1.487/0.0585	.009/.0004 .067/.0026	17.38/0.684	F810	12	7170A IH	<b>6B7170A</b> Std. .25 .50 .75 1.0
<b>Rod - .002" oversize OD version of 6B7170A.</b>									
	53.492/2.1060 53.510/2.1067	56.543/2.2261 56.557/2.2266	1.637/0.0644 (@ 0.25mm u/s)	.009/.0004 .067/.0026	17.38/0.684	F810	12	9101A IH	<b>6B7170AO/S2</b> .25 .50 .75 1.0
<b>Rod</b>									
	53.492/2.1060 53.510/2.1067	56.493/2.2241 56.507/2.2247	1.487/0.0585	.009/.0004 .067/.0026	17.38/0.684	F780	12	7170 IH	<b>6B7170P</b> Std. .25 .50 .75 1.0
<i>To be superceded by 6B7170A.</i>									
<b>Rod - .002" oversize OD version of 6B7170P.</b>									
	53.492/2.1060 53.510/2.1067	56.543/2.2261 56.557/2.2266	1.637/0.0644 (@ 0.25mm u/s)	.009/.0004 .067/.0026	17.38/0.684	F780	12	9101 IH	<b>6B7170PO/S2</b> .25 .50 .75 1.0
<i>To be superceded by 6B7170AO/S2.</i>									
<b>Main</b>									
1-4	63.492/2.4997 63.510/2.5004	68.993/2.7163 69.010/2.7169	2.740/0.1079	.003/.0001 .064/.0025	18.70/0.736	F780	8	7172 U/L	<b>4M7172P</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
	71.100/2.7992 71.350/2.8090 (ID)	90.190/3.5508 90.440/3.5606 (OD)			2.06/0.081	F817	2	7172T U	<b>1T7172</b> Std. +.25
<i>Note : Set includes two pieces, use on No. 3 position. Required with 4M7172P main set.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
225 Forged Crankshaft		L6	3.40 x 4.13	Connecting Rod 45 ft.lbs/61 Nm Main Bearing 85 ft.lbs/115 Nm

<b>Rod</b>									
	55.537/2.1865 55.563/2.1875	58.737/2.3125 58.750/2.3130	1.578/0.0621	.018/.0007 .073/.0029	25.14/0.990	F820	12	4601AL IH	<b>6B606AL</b> Std. 10 20 30 40

# CHRYSLER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>8 (Cont'd.)</b>									
<b>4M4625AL</b> 20	<b>Main - Alternate set to 4M517AL with +.010" overflange width increase. *See below for dimensional information.</b>								
	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.428/0.0956	.021/.0008 .075/.0030	26.39/1.039	F820	6	4602AL U/L
	3 (F)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.432/0.0957	.016/.0006 .067/.0026	32.13/1.265	F820	2	4625AL U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M4625AL</b>									
		Overall Width (Nominal)			Increase in Width				
		.020" u/s shaft			1.265" +0.010"				
<b>4M517AL</b> Std. 10 20 30 40	<b>Main</b>								
	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.428/0.0956	.021/.0008 .075/.0030	26.39/1.039	F820	6	4602AL U/L
	3 (FI)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.432/0.0957	.016/.0006 .067/.0026	31.88/1.255	F820	2	4605AL U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4C874S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		23.49/0.925	F23	1	PD-18-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.18/0.755	F23	1	PD-13-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-13-4
<b>RB2134Y</b> Semi	<b>Small End - semi finished - single pieces.</b>								
		25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y

<b>9 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
181 2972cc (3.0) Mits 6G72	3	V6	91.2mm x 76mm	Connecting Rod 38 ft.lbs/52 Nm Main Bearing 60 ft.lbs/81 Nm
181 2972cc (3.0) Mits 6G72	H	V6	91.2mm x 76mm	
181 2972cc (3.0) Mits 6G72	S	V6	91.2mm x 76mm	

<b>6B1140</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		49.972/1.9674 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.493/0.0588	.015/.0006 .089/.0035	15.50/0.610	F810	12	1140A IH
<b>4M1149</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/0.0783	.020/.0008 .086/.0034	18.13/0.714	F810	8	1149A U/L
<b>2T1149</b> Std.	<b>Thrust</b>								
	3	66.000/2.5984 66.250/2.6083	77.450/3.0492 77.700/3.0590			1.98/0.078	F817	4	1149T U/L
<i>Note: Thrust set includes 4 pieces, use on No. 3 position. Required with 4M1149 main set.</i>									

<b>10 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
197 3200cc (3.2) SOHC (EGW)	J	V6	92mm x 81mm	Connecting Rod 40 ft.lbs + 90 deg Main Bearing 15 ft.lbs + 90 deg Inner (3.2L engines) Main Bearing 20 ft.lbs + 90 deg Outer (3.2L engines) Main Bearing 15 ft.lbs + 90 deg 3.5L engines Main Bearing 20 ft.lbs + 90 deg 3.5L engines (Tray) Main Bearing 21 ft.lbs 3.5L engines (Side Bolts)
215 3497cc (3.5) SOHC (Aluminum Block)	4	V6	96.01mm x 81mm	
215 3497cc (3.5) SOHC (Aluminum Block)	G	V6	96.01mm x 81mm	
215 3497cc (3.5) SOHC (Aluminum Block)	K	V6	96.01mm x 81mm	
215 3497cc (3.5) SOHC (Aluminum Block)	M	V6	96.01mm x 81mm	

<b>6B1410A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
		57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 10</b>									
<b>Main</b>									
1-4	63.988/2.5192 64.013/2.5202	68.989/2.7161 69.009/2.7169	2.485/0.0978	.018/.0007 .056/.0022	17.58/0.692	F780	12	7182 U/L	<b>4M7182P</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
	71.100/2.7992 71.350/2.8090 (ID)	90.190/3.5508 90.440/3.5606 (OD)			2.06/0.081	F817	2	7172T U	<b>1T7172</b> Std. +.25

*Note: Thrust set includes 2 pieces, use on No. 2 position. Required with 4M7182P main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
201 (3.3) OHV	3	V6	93mm x 81mm	<b>Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn</b> <b>Main Bearing 30 ft.lbs/41 Nm + 1/4 turn</b>
201 (3.3) OHV	G	V6	93mm x 81mm	
201 (3.3) OHV	R	V6	93mm x 81mm	
201 (3.3) OHV	T	V6	93mm x 81mm	
201 (3.3) OHV	U	V6	93mm x 81mm	
201 (3.3) OHV (EGB)	T	V6	93mm x 81mm	
201 (3.3) OHV (EGM)	G	V6	93mm x 81mm	
230 (3.8) OHV	L	V6	96mm x 87mm	

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<b>Rod - High Strength Aluminum Silicon material.</b>									
	57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH	<b>6B1410A</b> Std. .25 .50 .75 1.0
<b>Main - Alternate set to 4M1946P with +0.010" overflange length increase. *See below for dimensional information.</b>									
1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	1948 U/L	<b>4M1958P</b> .25 .50 .75 1.0
2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.13/0.950	F780	2	1958 U/L	

*To be discontinued once stock is exhausted.*

* DIMENSIONAL INFORMATION FOR 4M1958P		
	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.950"	+0.010"
0.50 mm u/s shaft	0.950"	+0.010"
0.75 mm u/s shaft	0.950"	+0.010"
1.00 mm u/s shaft	0.950"	+0.010"

<b>Main - Supercedes 4M1946P. High Strength Aluminum Silicon material.</b>									
1,2,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F810	6	1948A U/L	<b>4M7278A</b> Std. .25 .50 .75
2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	23.88/0.940	F810	2	7278A U/L	

*Overflange length remains constant for standard and undersizes.*

<b>Cam - supercedes 4C1405S. Set has OD groove on #2 &amp; #3 position bearings.</b>									
1	50.724/1.9970 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.643/0.0647		23.75/0.935	F23	1	PD-28-1	<b>4C1405BS</b> Std.
2	50.292/1.9800 50.343/1.9820	53.683/2.1135 53.708/2.1145	1.659/0.0653		15.62/0.615	F23	1	PD-28-2B	
3	49.911/1.9650 49.962/1.9670	53.302/2.0985 53.327/2.0995	1.659/0.0653		15.62/0.615	F23	1	PD-28-3B	
4	49.530/1.9500 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.643/0.0647		15.62/0.615	F23	1	PD-28-4	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
215 3497cc (3.5) SOHC (Cast Iron Block)	F	V6	96mm x 81mm	<b>Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn</b> <b>Main Bearing 30 ft.lbs/41 Nm + 1/4 turn</b>
215 3497cc (3.5) SOHC (Cast Iron Block) (EGE)	F	V6	96mm x 81mm	

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<b>Rod - High Strength Aluminum Silicon material.</b>									
	57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH	<b>6B1410A</b> Std. .25 .50 .75 1.0

# CHRYSLER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 12 (Cont'd.)

<b>Main</b>									
<b>4M2010P</b> Std. .25 .50 .75	1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	MB3340P U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	28.70/1.130	F780	2	MB3471P U/L

*Overflange length remains constant for standard and undersizes.*

## 13 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
225 3687cc (3.7) Cast Crankshaft	C	L6	3.40 x 4.13	Connecting Rod 45 ft.lbs/61 Nm Main Bearing 85 ft.lbs/115 Nm					
225 3687cc (3.7) Cast Crankshaft	D	L6	3.40 x 4.13						
225 3687cc (3.7) Cast Crankshaft	E	L6	3.40 x 4.13						
225 3687cc (3.7) Cast Crankshaft	F	L6	3.40 x 4.13						
225 3687cc (3.7) Cast Crankshaft	G	L6	3.40 x 4.13						
225 3687cc (3.7) Cast Crankshaft	H	L6	3.40 x 4.13						
225 3687cc (3.7) Cast Crankshaft	K	L6	3.40 x 4.13						

<b>Rod</b>									
<b>6B1214AL</b> Std. 10 20 30 40		55.537/2.1865 55.563/2.1875	58.738/2.3125 58.750/2.3130	1.584/0.0624	.018/.0007 .071/.0028	18.29/0.720	F780	12	1214 IH

<b>Main</b>									
<b>4M1419AL</b> Std. 10 20 30 40	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	22.44/0.883	F780	6	2724 U/L
	3 (FI)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	28.14/1.108	F780	2	2725 U/L

*Overflange length remains constant for standards and undersizes.*

<b>Main - Alt set to 4M1419AL with +0.010" overflange length increase. * See below for dimensional information.</b>									
<b>4M2723P</b> 40	3 (FI)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	28.39/1.118	F780	2	2723 U/L
	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	22.44/0.883	F780	6	2724 U/L

*To be discontinued once stock is exhausted.*

### \* DIMENSIONAL INFORMATION FOR 4M2723P

	Overall Width (Nominal)	Increase in Width
.040" u/s shaft	1.118"	+0.010"

<b>Cam - engines from 1979-1983.</b>									
<b>4C1115S</b> Std.	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.625/0.0640		19.94/0.785	F23	1	PD-21-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.625/0.0640		16.00/0.630	F23	1	PD-21-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.625/0.0640		16.00/0.630	F23	1	PD-21-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-13-4

<b>Cam - 1978 engines only.</b>									
<b>4C874S</b> Std.	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		23.49/0.925	F23	1	PD-18-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.18/0.755	F23	1	PD-13-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-13-4

<b>Small End - semi finished - single pieces.</b>									
<b>RB2134Y</b> Semi		25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>14</b>
318 (5.2)		G	V8	3.91 x 3.31	<b>Connecting Rod 45-50 ft.lbs/61-68 Nm</b> <b>Main Bearing 85-90 ft.lbs/115-122 Nm</b>					
318 (5.2)		H	V8	3.91 x 3.31						
318 (5.2)		J	V8	3.91 x 3.31						
318 (5.2)		K	V8	3.91 x 3.31						
318 (5.2)		L	V8	3.91 x 3.31						
318 (5.2)		M	V8	3.91 x 3.31						
318 (5.2)		N	V8	3.91 x 3.31						
318 (5.2)		P	V8	3.91 x 3.31						

**Rod**

53.950/2.1240	57.150/2.2500	1.585/0.0624	.005/.0002	21.52/0.847	F780	16	2700	<b>8B481P</b> Std. 01 10 20 30 40
53.975/2.1250	57.163/2.2505		.069/.0027				IH	

**Rod - .002" oversize OD version of 8B481P.**

53.950/2.1240	57.201/2.2520	1.737/0.0684	.006/.0002	21.52/0.847	F780	16	9090	<b>8B481PO/S2</b> 10 20 30 40
53.975/2.1250	57.214/2.2525	(@ .010" u/s)	.070/.0028				IH	

**Main - flange O.D. 3.530"**

1,2,4	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002	22.27/0.877	F780	6	4352	<b>5M1344P</b> Std. 01 10 20 30 40
	63.513/2.5005	68.402/2.6930		.069/.0027				U/L	
3 (FI)	63.487/2.4995	68.390/2.6925	2.436/0.0959	.025/.0010	29.26/1.152	F780	1	2703	
	63.513/2.5005	68.402/2.6930		.089/.0035				U	
3 (FI)	63.487/2.4995	68.390/2.6925	2.436/0.0959	.025/.0010	29.26/1.152	F780	1	4357	
	63.513/2.5005	68.402/2.6930		.089/.0035				L	
5	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002	33.70/1.327	F780	2	4354	
	63.513/2.5005	68.402/2.6930		.069/.0027				U/L	

Overflange length remains constant for standard and undersizes.

**Cam - engines from 1980 on.**

1	50.750/1.9980	54.090/2.1295	1.638/0.0645		22.35/0.880	F23	1	PD-16-1	<b>5C1125</b> Std.
	50.775/1.9990	54.115/2.1305							
2	50.343/1.9820	53.683/2.1135	1.638/0.0645		16.00/0.630	F23	1	PD-25-2	
	50.368/1.9830	53.708/2.1145							
3	49.962/1.9670	53.302/2.0985	1.638/0.0645		15.75/0.620	F23	1	PD-25-3	
	49.987/1.9680	53.327/2.0995							
4	49.555/1.9510	52.895/2.0825	1.638/0.0645		15.75/0.620	F23	1	PD-25-4	
	49.581/1.9520	52.921/2.0835							
5	39.637/1.5605	42.977/1.6920	1.638/0.0645		24.00/0.945	F23	1	PD-9-5	
	39.662/1.5615	43.002/1.6930							

**Cam - engines from 1975-1979.**

1	50.750/1.9980	54.090/2.1295	1.638/0.0645		22.35/0.880	F23	1	PD-16-1	<b>5C875S</b> Std.
	50.775/1.9990	54.115/2.1305							
2	50.343/1.9820	53.683/2.1135	1.638/0.0645		19.43/0.765	F23	1	PD-9-2	
	50.368/1.9830	53.708/2.1145							
3	49.962/1.9670	53.302/2.0985	1.638/0.0645		19.43/0.765	F23	1	PD-9-3	
	49.987/1.9680	53.327/2.0995							
4	49.555/1.9510	52.895/2.0825	1.638/0.0645		19.43/0.765	F23	1	PD-9-4	
	49.581/1.9520	52.921/2.0835							
5	39.637/1.5605	42.977/1.6920	1.638/0.0645		24.00/0.945	F23	1	PD-9-5	
	39.662/1.5615	43.002/1.6930							

ENGINE	VIN	CYL	Bore x Stroke	<b>TORQUE SETTINGS</b>						<b>15</b>
<b>345 (5.7) Hemi</b>	<b>H</b>	<b>V8</b>	<b>99.5mm x 90.9mm</b>	<b>Connecting Rod 15 ft.lbs + 90 deg</b> <b>Main Bearing 20 ft.lbs + 90 deg M12 Bolts</b> <b>Main Bearing 21 ft.lbs M8 Crossbolts</b>						

**Rod**

53.993/2.1257	57.206/2.2522	1.590/0.0626	.018/.0007	20.10/0.791	F810	16	7211A	<b>8B1808A</b> Std. .25 .50
54.008/2.1263	57.219/2.2527		.062/.0024				IH	

**Rod - .002" oversize OD version of 8B1808A.**

53.993/2.1257	57.257/2.2542	1.740/0.0685	.018/.0007	20.10/0.791	F810	16	9112A	<b>8B1808AO/S2</b> .25 .50 .75
54.008/2.1263	57.270/2.2547	(@0.25mm u/s)	.082/.0032				IH	

**Main**

1-5	64.996/2.5589	69.893/2.7517	2.439/0.0960	.010/.0004	21.60/0.850	F810	10	7216A	<b>5M2220A</b> Std. .25 .50
	65.004/2.5592	69.906/2.7522		.048/.0019				U/L	

# CHRYSLER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>15 (Cont'd.)</b>										
1T611S Std.	3	Thrust		93.370/3.6760 (OD)	2.586/0.1018			2	MB3780W U	
		72.644/2.8600 (ID)	73.152/2.8800							
Set includes two pieces, use on No. 3 position. Required with 5M2220A main set.										
<b>16 ENGINE</b>										
		VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
361 (5.9)			V8	4.12 x 3.38	Connecting Rod 45 ft.lbs/61 Nm					
383 (6.3)			V8	4.25 x 3.38	Main Bearing 85 ft.lbs/115 Nm					
383 (6.3)		G	V8	4.25 x 3.38						
383 (6.3)		H	V8	4.25 x 3.38						
383 (6.3)		L	V8	4.25 x 3.38						
383 (6.3)		N	V8	4.25 x 3.38						
400 (6.6)		M	V8	4.34 x 3.38						
400 (6.6)		N	V8	4.34 x 3.38						
400 (6.6)		P	V8	4.34 x 3.38						
<b>8B527P</b>										
Std. 10 20 30 40	Rod		60.300/2.3740	63.500/2.5000	1.582/0.0623	.011/.0004	23.67/0.932	F780	16	2466 IH
			60.325/2.3750	63.513/2.5005		.075/.0030				
Main - flange O.D. 3.450".										
5M876P Std. 10 20 30 40	1,2,4,5	66.662/2.6245	71.565/2.8175	2.435/0.0959	.021/.0008	24.10/0.949	F780	8	2467 U/L	
		66.688/2.6255	71.577/2.8180		.085/.0033					
	3 (FI)	66.662/2.6245	71.565/2.8175	2.435/0.0959	.019/.0007	31.09/1.224	F780	2	2468 U/L	
		66.688/2.6255	71.577/2.8180		.083/.0033					
Overflange length remains constant for standard and undersizes.										
<b>5C876S</b>										
Std.	Cam		50.750/1.9980	54.090/2.1295	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
			50.775/1.9990	54.115/2.1305						
	2	50.343/1.9820	53.683/2.1135	1.638/0.0645		19.18/0.755	F23	1	PD-12-2	
		50.368/1.9830	53.708/2.1145							
	3	49.962/1.9670	53.302/2.0985	1.638/0.0645		17.12/0.674	F23	1	PD-12-3	
		49.987/1.9680	53.327/2.0995							
	4	49.555/1.9510	52.895/2.0825	1.638/0.0645		19.18/0.755	F23	1	PD-12-4	
		49.581/1.9520	52.921/2.0835							
	5	44.400/1.7480	47.740/1.8795	1.638/0.0645		19.18/0.755	F23	1	PD-12-5	
		44.425/1.7490	47.765/1.8805							
<b>17 ENGINE</b>										
		VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
360 (5.9)		J	V8	4.00 x 3.58	Connecting Rod 45 ft.lbs/61 Nm					
360 (5.9)		K	V8	4.00 x 3.58	Main Bearing 85 ft.lbs/115 Nm					
360 (5.9)		L	V8	4.00 x 3.58						
<b>8B481P</b>										
Std. 01 10 20 30 40	Rod		53.950/2.1240	57.150/2.2500	1.585/0.0624	.005/.0002	21.52/0.847	F780	16	2700 IH
			53.975/2.1250	57.163/2.2505		.069/.0027				
Rod - .002" oversize OD version of 8B481P.										
8B481PO/S2 10 20 30 40			53.950/2.1240	57.201/2.2520	1.737/0.0684	.006/.0002	21.52/0.847	F780	16	9090 IH
			53.975/2.1250	57.214/2.2525	(@ .010" u/s)	.070/.0028				
Main - flange O.D. 3.680" for 1971-73 engines.										
5M1051P Std. 10 20 30 40	1,2,4	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	22.28/0.877	F780	6	2707 U/L	
		71.387/2.8105	76.276/3.0030		.079/.0031					
	3 (FI)	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	29.26/1.152	F780	2	2708 U/L	
		71.387/2.8105	76.276/3.0030		.079/.0031					
	5	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	31.98/1.259	F780	2	2709 U/L	
		71.387/2.8105	76.276/3.0030		.079/.0031					
Overflange length remains constant for standards and undersizes.										

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **17**

**Main - flange O.D. 3.910" for engines 1974 on.**

1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/0.0957	.015/.0006 .079/.0031	22.28/0.877	F780	6	2705 IH
3 (FI)	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/0.0957	.015/.0006 .079/.0031	29.26/1.152	F780	2	2706 U/L
5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/0.0957	.015/.0006 .079/.0031	31.98/1.259	F780	2	2709 U/L

Overflange length remains constant for standards and undersizes.

**Main - Alt set to 5M1266P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	22.28/0.877	F780	6	2705 IH
3 (FI)	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	29.52/1.162	F780	2	2715 U/L
5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	31.98/1.259	F780	2	2709 U/L

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M2715P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.162"	+0.010"
.020" u/s shaft	1.162"	+0.010"
.030" u/s shaft	1.162"	+0.010"
.040" u/s shaft	1.162"	+0.010"

**Cam - engines from 1980 on.**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		16.00/0.630	F23	1	PD-25-2
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		15.75/0.620	F23	1	PD-25-3
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		15.75/0.620	F23	1	PD-25-4
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5

**5C112S**  
Std.

**Cam - engines from 1971-1979.**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5

**5C875S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
383 (6.4)		V8	4.03 x 3.75	Connecting Rod 45 ft.lbs/61 Nm Main Bearing 85 ft.lbs/115 Nm					
413		V8	4.19 x 3.75						
426 (7.0) (Excl. Hemi)		V8	4.25 x 3.75						
440 (7.2)		V8	4.32 x 3.75						
440 (7.2)	K	V8	4.32 x 3.75						
440 (7.2)	L	V8	4.32 x 3.75						
440 (7.2)	T	V8	4.32 x 3.75						
440 (7.2)	U	V8	4.32 x 3.75						

**18**

**Rod**

60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/0.0623	.011/.0004 .075/.0030	23.67/0.932	F780	16	2466 IH
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**8B527P**  
Std. 10 20 30 40

# CHRYSLER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 18 (Cont'd.)

<b>5M1277P</b> Std. 10 20 30	<b>Main - for 1974-78 engines.</b>								
	1,2,4,5	69.837/2.7495 69.863/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	MB2067P U/L
	3 (FI)	69.837/2.7495 69.863/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	MB2625P U/L
<i>Overflange length remains constant for standard and oversizes.</i>									
<b>5M4366P</b> 20 30 40	<b>Main - Alt set to 5M877P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,4,5	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.682/0.1056 (@ .020" u/s)	.028/.0011 .091/.0036	24.10/0.949	F780	8	4362 U/L
	3 (FI)	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.682/0.1056 (@ .020" u/s)	.028/.0011 .091/.0036	31.34/1.234	F780	2	4366 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M4366P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.020" u/s shaft	1.234"				
				.030" u/s shaft	1.234"				
				.040" u/s shaft	1.234"				
<b>5M877P</b> Std. 10 20 30 40	<b>Main - flange O.D. 3.624" for 1959-73.</b>								
	1,2,4,5	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	4362 U/L
	3 (FI)	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	4363 U/L
<i>Overflange length remains constant for standard and oversizes.</i>									
<b>5C876S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5

## 19 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS

426 (7.0) Hemi

V8

4.25 x 3.75

Connecting Rod 75 ft.lbs  
Main Bearing 100 ft.lbs

<b>8B527P</b> Std. 10 20 30 40	<b>Rod</b>								
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/0.0623	.011/.0004 .075/.0030	23.67/0.932	F780	16	2466 IH
<b>5M896P</b> Std. 10	<b>Main</b>								
	1,2,4,5	69.837/2.7495 69.862/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .914/.0360	24.10/0.949	F780	8	MB2219P
	3 (FI)	69.837/2.7495 69.862/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .914/.0360	31.09/1.224	F780	2	MB2495P
<i>Overflange length remains constant for standard and oversizes.</i>									
<b>5C876S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5





# CHRYSLER PERFORMANCE

## CHRYSLER PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
273 (4.5) .....			V8	64-69	1	361 .....			V8	58-77	2
318 (5.2) .....			V8	57-03	1	383 .....			V8	61-71	4
340 .....			V8	68-73	1	400 .....			V8	72-80	2
345 (5.7) .....	Hemi		V8	03-06	3	413 .....			V8	59-73	5
350 .....			V8	58-58	2	426 .....	Hemi		V8	64-71	5
360 (5.9) .....			V8	71-03	1	440 .....			V8	66-73	5

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
			<b>273 (4.5)</b>	<b>V8</b>	<b>3.625 x 3.313</b>	<b>Connecting Rod 45-50 ft.lbs/61-68 Nm</b>			
			<b>318 (5.2)</b>	<b>V8</b>	<b>3.910 x 3.313</b>	<b>Main Bearing 80-85 ft.lbs/108-115 Nm</b>			
			<b>340</b>	<b>V8</b>	<b>4.040 x 3.313</b>				
			<b>360 (5.9)</b>	<b>V8</b>	<b>4.000 x 3.578</b>				

<b>Rod - bearing shell does not contain dowel hole.</b>									
	53.950/2.1240	57.150/2.2500	1.583/0.0623	.010/.0004	21.52/0.847	F780	2	2700H U/L	<b>1B481H</b> Std. 01 10
	53.975/2.1250	57.163/2.2505		.063/.0025					
<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	53.950/2.1240	57.150/2.2500	1.573/0.0619	.010/.0004	51.52/2.028	F781	2	2700HX	<b>1B481HX</b> Std.
	53.975/2.1250	57.163/2.2505		.069/.0027					
<b>Main - for 360 engines from 1971-73.</b>									
1,2,4	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	22.28/0.877	F780	6	2707 U/L	<b>5M1051P</b> Std. 10 20 30 40
	71.387/2.8105	76.276/3.0030		.079/.0031					
3 (FI)	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	29.26/1.152	F780	2	2708 U/L	
	71.387/2.8105	76.276/3.0030		.079/.0031					
5	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	31.98/1.259	F780	2	2709 U/L	
	71.387/2.8105	76.276/3.0030		.079/.0031					
<b>Main - for 360 engines from 1974-03.</b>									
1,2,4	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	22.28/0.877	F780	6	2705 IH	<b>5M1266P</b> Std. 01 10 20 30
	71.387/2.8105	76.276/3.0030		.079/.0031					
3 (FI)	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	29.26/1.152	F780	2	2706 U/L	
	71.387/2.8105	76.276/3.0030		.079/.0031					
5	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006	31.98/1.259	F780	2	2709 U/L	
	71.387/2.8105	76.276/3.0030		.079/.0031					
<b>Main - for 318 engines from 1974 on.</b>									
1,2,4	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002	22.27/0.877	F780	6	4352 U/L	<b>5M1344P</b> Std. 01 10 20 30 40
	63.513/2.5005	68.402/2.6930		.069/.0027					
3 (FI)	63.487/2.4995	68.390/2.6925	2.436/0.0959	.025/.0010	29.26/1.152	F780	1	2703 U	
	63.513/2.5005	68.402/2.6930		.089/.0035					
3 (FI)	63.487/2.4995	68.390/2.6925	2.436/0.0959	.025/.0010	29.26/1.152	F780	1	4357 L	
	63.513/2.5005	68.402/2.6930		.089/.0035					
5	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002	33.70/1.327	F780	2	4354 U/L	
	63.513/2.5005	68.402/2.6930		.069/.0027					
<b>Main - for 273 &amp; 318 engines from 1957-73 (Half groove set).</b>									
1,2,4	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002	22.27/0.877	F780	6	4352 U/L	<b>5M540P</b> Std. 10 20 30 40
	63.513/2.5005	68.402/2.6930		.069/.0027					
3 (FI)	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002	29.26/1.152	F780	2	4353 U/L	
	63.513/2.5005	68.402/2.6930		.069/.0027					
5	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002	33.70/1.327	F780	2	4354 U/L	
	63.513/2.5005	68.402/2.6930		.069/.0027					
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - for 340 engines from 1968-73.</b>									
1,2,4	63.487/2.4995	68.389/2.6925	2.436/0.0959	.013/.0005	22.27/0.877	F780	6	MB2283P U/L	<b>5M963P</b> Std. 10 20 30
	63.512/2.5005	68.402/2.6930		.076/.0030					
3 (FI)	63.487/2.4995	68.389/2.6925	2.436/0.0959	.013/.0005	29.26/1.152	F780	2	MB2036P U/L	
	63.512/2.5005	68.402/2.6930		.065/.0026					
5	63.487/2.4995	68.389/2.6925	2.436/0.0959	.013/.0005	33.70/1.327	F780	2	MB2559P U/L	
	63.512/2.5005	68.402/2.6930		.065/.0026					

# CHRYSLER PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>5C1112S</b> Std.	<b>Cam - for 1979-03 engines only.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		16.00/0.630	F23	1	PD-25-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		15.75/0.620	F23	1	PD-25-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		15.75/0.620	F23	1	PD-25-4
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5	
<b>5C875S</b> Std.	<b>Cam - for 1957-78 engines only.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5	

<b>2 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
350		V8	4.063 x 3.375	Connecting Rod 45 ft.lbs/61 Nm
361		V8	4.125 x 3.375	Main Bearing 85 ft.lbs/115 Nm
400		V8	4.342 x 3.375	

<b>1B527HD</b> Std. 01 10	<b>Rod - bearing has dowel hole in cap half, and may be used in engines without dowelled connecting rods.</b>								
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/0.0622	.016/.0006 .069/.0027	23.67/0.932	F780	2	2466HD U/L
<b>1B527HXD</b> Std.	<b>Rod - bearing has dowel hole in cap half, and may be used in engines without dowelled connecting rods.</b>								
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/0.0617		23.67/0.932	F781	2	2466HXD U/L
<i>Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</i>									
<b>5M876P</b> Std. 10 20 30 40	<b>Main - Full groove set.</b>								
	1,2,4,5	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.021/.0008 .085/.0033	24.10/0.949	F780	8	2467 U/L
	3 (FI)	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.019/.0007 .083/.0033	31.09/1.224	F780	2	2468 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5C876S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5	

<b>3 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
345 (5.7) Hemi		V8	99.5mm x 90.9mm	Connecting Rod 15 ft.lbs + 90 deg Main Bearing 20 ft.lbs + 90 deg M12 Bolts Main Bearing 21 ft.lbs M8 Crossbolts

<b>1B1808H</b> Std. .025 .25	<b>Rod</b>								
		53.993/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.590/0.0626	.018/.0007 .062/.0024	20.10/0.791	F781	2	7211H U/L



# CHRYSLER PERFORMANCE

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **3**

**Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	53.993/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.577/0.0621	.043/.0017 .087/.0034	20.10/0.791	F781	2	7211HX U/L	<b>1B1808HX</b> Std.
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**Main**

1-5	64.996/2.5589 65.004/2.5592	69.893/2.7517 69.906/2.7522	2.439/0.0960	.010/.0004 .048/.0019	21.60/0.850	F780	10	7216H U/L	<b>5M2220H</b> Std. .025 .25
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**Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1-5	64.996/2.5589 65.004/2.5592	69.893/2.7517 69.906/2.7522	2.426/0.0955	.035/.0014 .073/.0029	21.60/0.850	F780	10	7216HX U/L	<b>5M2220HX</b> Std.
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**Thrust**

3	72.644/2.8600 (ID) 73.152/2.8800	93.370/3.6760 (OD)	2.586/0.1018				2	MB3780W U	<b>1T611S</b> Std.
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Set includes two pieces, use on No. 3 position. Required with 5M2220H/HX main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>383</b>		<b>V8</b>	<b>4.250 x 3.375</b>	<b>Connecting Rod 45 ft.lbs/61 Nm Main Bearing 85 ft.lbs/115 Nm</b>

**4**

**Rod - bearing has dowel hole in cap half, and may be used in engines without dowelled connecting rods.**

	60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/0.0622	.016/.0006 .069/.0027	23.67/0.932	F780	2	2466HD U/L	<b>1B527HD</b> Std. 01 10
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**Rod - bearing has dowel hole in cap half, and may be used in engines without dowelled connecting rods.**

	60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/0.0617		23.67/0.932	F781	2	2466HDX U/L	<b>1B527HDX</b> Std.
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Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks

**Main - Full groove set.**

1,2,4,5	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.021/.0008 .085/.0033	24.10/0.949	F780	8	2467 U/L	<b>5M876P</b> Std. 10 20 30 40
3 (FI)	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.019/.0007 .083/.0033	31.09/1.224	F780	2	2468 U/L	

Overflange length remains constant for standard and undersizes.

**Cam**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1	<b>5C876S</b> Std.
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2	
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3	
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4	
5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>413</b>		<b>V8</b>	<b>4.188 x 3.750</b>	<b>Connecting Rod 45 ft.lbs/61 Nm Main Bearing 85 ft.lbs/115 Nm</b>
<b>426 Hemi</b>		<b>V8</b>	<b>4.250 x 3.750</b>	
<b>440</b>		<b>V8</b>	<b>4.320 x 3.750</b>	

**5**

**Rod - bearing has dowel hole in cap half, and may be used in engines without dowelled connecting rods.**

	60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/0.0622	.016/.0006 .069/.0027	23.67/0.932	F780	2	2466HD U/L	<b>1B527HD</b> Std. 01 10
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**Rod - bearing has dowel hole in cap half, and may be used in engines without dowelled connecting rods.**

	60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/0.0617		23.67/0.932	F781	2	2466HDX U/L	<b>1B527HDX</b> Std.
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Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks

# CHRYSLER PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>5 (Cont'd.)</b>									
<b>5M877P</b> Std. 10 20 30 40	<b>Main - for engines from 1959-73 (Full groove set).</b>								
	1,2,4,5	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	4362 U/L
	3 (FI)	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	4363 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5M896P</b> Std. 10	<b>Main - for 426 Hemi (Full groove set).</b>								
	1,2,4,5	69.837/2.7495 69.862/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .914/.0360	24.10/0.949	F780	8	MB2219P
	3 (FI)	69.837/2.7495 69.862/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .914/.0360	31.09/1.224	F780	2	MB2495P
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5C876S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5

**DAEWOO ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
796cc (0.8).....	Matiz (F8CV)		L4	98-05	1	2000cc (2.0).....	Family II	Z	L4	01-02	3
98 1588cc (1.6).....	C16XE	6	L4	99-02	2	2200cc (2.2).....	X22SE		L4	99-00	4
2000cc (2.0).....	Family II		L4	99-00	3	2200cc (2.2).....	X22SE	2	L4	01-02	4

**DAEWOO MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
LANOS	98	1588	1.6	C16XE	99-02	NUBIRA	2000	2.0	Family II		99-02
LEGANZA		2200	2.2	X22SE	99-02						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
<b>796cc (0.8) Matiz (F8CV)</b>		<b>L4</b>	<b>68.5mm x 72.0mm</b>		

**Rod**

37.982/1.4954	40.998/1.6141	1.490/0.0587	.018/.0007	18.00/0.709	F810	6	1266A
38.000/1.4961	41.017/1.6148		.071/.0028				IH

**3B1266A**  
Std. .25 .50 .75 1.0

**Main**

1-4	43.982/1.7316	47.998/1.8897	1.993/0.0785	.012/.0005	17.13/0.674	F810	8	1267A
	44.000/1.7323	48.018/1.8905		.076/.0030				IH

**4M1267A**  
Std. .25 .50 .75 1.0

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
<b>98 1588cc (1.6) C16XE</b>	<b>6</b>	<b>L4</b>	<b>79mm x 81.5mm</b>		

**Rod**

42.971/1.6918	46.000/1.8110	1.497/0.0589	.019/.0007	16.63/0.655	F780	8	1350
42.987/1.6924	46.013/1.8115		.074/.0029				IH

**4B1350**  
Std. .25 .50 .75 1.0

**Main**

1,2,4,5	54.971/2.1642	58.999/2.3228	2.001/0.0788	.013/.0005	19.50/0.768	F780	8	1338
	54.986/2.1648	59.012/2.3233		.065/.0026				IH
3 (FI)	54.971/2.1642	58.999/2.3228	2.001/0.0788	.013/.0005	25.92/1.020	F780	2	1339
	54.986/2.1648	59.012/2.3233		.065/.0026				IH

**5M1801P**  
Std. .25 .50 .75 1.0

Overflange length increase for undersizes. \*See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 5M1801P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.028"/26.12 mm	+0.008"/0.20mm
0.50 mm u/s shaft	1.036"/26.32 mm	+0.016"/0.40mm
0.75 mm u/s shaft	1.036"/26.32 mm	+0.016"/0.40mm
1.00 mm u/s shaft	1.044"/26.52 mm	+0.024"/0.60mm

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	3
<b>2000cc (2.0) Family II</b>		<b>L4</b>	<b>86mm x 86mm</b>	<b>Connecting Rod 40-50 Nm + 45 deg</b>	
<b>2000cc (2.0) Family II</b>	<b>Z</b>	<b>L4</b>	<b>86mm x 86mm</b>	<b>Main Bearing 60-70 Nm + 45 deg</b>	

**Rod - to be superseded by 4B2322A when stock is exhausted.**

48.971/1.9280	52.000/2.0472	1.500/0.0590	.013/.0005	19.30/0.760	F780	8	2320
48.987/1.9286	52.012/2.0477		.066/.0026				U/L

**4B1408P**  
Std. .25 .50 .75

**Rod**

48.971/1.9280	52.000/2.0472	1.500/0.0591	.013/.0005	19.30/0.760	F810	8	2322A
48.987/1.9286	52.012/2.0477		.057/.0022				U/L

**4B2322A**  
Std. .25 .50 .75 1.0

**Main**

1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	19.50/0.768	F780	8	2327
	57.995/2.2833	62.013/2.4415		.066/.0026				IH
3 (FI)	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	26.10/1.028	F780	2	2328
	57.995/2.2833	62.013/2.4415		.066/.0026				IH

**5M1549P**  
.25 .50 .75

Overflange length increase for undersizes. \*See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 5M1549P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.028"/26.10mm	+0.008"/0.20mm
0.50 mm u/s shaft	1.036"/26.30mm	+0.016"/0.40mm
0.75 mm u/s shaft	1.036"/26.30mm	+0.016"/0.40mm

# DAEWOO



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 (Cont'd.)</b>									
<b>5M2329P</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/0.0785	.015/.0006 .066/.0026	19.50/0.768	F780	8	2327 IH
	3 (FI)	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/0.0785	.015/.0006 .066/.0026	25.90/1.020	F780	2	2329 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4 ENGINE</b>									
<b>2200cc (2.2) X22SE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>2200cc (2.2) X22SE</b>	<b>2</b>	<b>L4</b>	<b>86mm x 94.6mm</b>	<b>Connecting Rod 25 ft.lbs / 35 Nm + 45 deg + 15 deg</b>					
				<b>Main Bearing 37 ft.lbs / 50 Nm + 45 deg + 15 deg</b>					
				<b>Tighten in three stages</b>					
<b>4B1408P</b> Std. .25 .50 .75	<b>Rod - to be superceded by 4B2322A when stock is exhausted.</b>								
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/0.0590	.013/.0005 .066/.0026	19.30/0.760	F780	8	2320 U/L
<b>4B2322A</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/0.0591	.013/.0005 .057/.0022	19.30/0.760	F810	8	2322A U/L
<b>5M2325</b> Std. .25 .50 .75 1.0	<b>Main - two oil holes in flange bearing.</b>								
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/0.0785	.015/.0006 .066/.0026	19.50/0.768	F780	8	2327 IH
	3 (FI)	57.974/2.2824 57.995/2.2833	60.000/2.3622 60.013/2.3627	1.995/0.0785		25.90/1.020	F780	2	2325 IH
<i>Overflange length increases for undersizes. *See below for dimensional information.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M2325</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				0.25 mm u/s shaft		1.028"/26.10mm			
				0.50 mm u/s shaft		+ .008"/0.20mm			
				0.75 mm u/s shaft		1.036"/26.30mm			
				1.00 mm u/s shaft		+ .016"/0.40mm			

## DAIHATSU ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
61 993cc (1.0).....	CB & CL Series	0	L3	88-92	1	1295cc (1.3).....	HC-E	2	L4	89-92	3
1166cc.....	Toyota 3K		L4	69-83	2	1589cc (1.6).....	HD-E	0	L4	90-92	3
1290cc.....	Toyota 4K		L4	77-88	2						

## DAIHATSU MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
CHARADE - CES	61	993	1.0	CB & CL Series	89	CHARADE - SE	61	993	1.0	CB & CL Series	90-92	
CHARADE - CLS	61	993	1.0	CB & CL Series	88-89			1295	1.3	HC-E	90-92	
			1295	1.3	HC-E	89						
CHARADE - CLX	61	993	1.0	CB & CL Series	88-89	CHARADE - SX	61	993	1.0	CB & CL Series	90	
			1295	1.3	HC-E	89			1295	1.3	HC-E	90-92
CHARADE - CSX	61	993	1.0	CB & CL Series	88	ROCKY - SE		1589	1.6	HD-E	90-92	
						ROCKY - SX		1589	1.6	HD-E	90-92	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
61 993cc (1.0) CB & CL Series	0	L3	76mm x 73mm	Connecting Rod 15-21 ft.lbs/20-29 Nm Main Bearing 39-48 ft.lbs/53-65 Nm	

### Rod

39.975/1.5738	43.000/1.6929	1.490/0.0587	.020/.0008	18.00/0.709	F780	6	8010 IH
40.000/1.5748	43.024/1.6939		.095/.0037				

**3B8010**  
Std. .25 .50 .75

**Main - for engines from 1985 on. Half groove set with lower tang on opposite side to upper. Non-stock item. Check for availability.**

1,2,3,4	41.975/1.6526	46.000/1.8110	1.990/0.0783	.020/.0008	19.50/0.768	F780	4	8009 L
	42.000/1.6535	46.024/1.8120		.095/.0037				
1,2,3,4	41.975/1.6526	46.000/1.8110	1.990/0.0783	.020/.0008	19.50/0.768	F780	4	8011 U
	42.000/1.6535	46.024/1.8120		.095/.0037				

**4M8009**  
Std. .25 .50 .75

### Thrust

3	47.750/1.8799	61.750/2.4311			1.98/0.078	F861	2	8011T IH
	48.000/1.8898	62.000/2.4409						

**1T8011**  
Std.

Note: Set includes two pieces, use on No. 3 position. Required with 4M8011/4M8009.

### Balance Shaft

1	44.976/1.7707 (Max.)	48.024/1.8907 (Max.)	1.509/0.0594	.030/.0012	17.00/0.669	F820	1	SH1452
				.086/.0034				
2	33.975/1.3376 (Max.)	37.026/1.4577 (Max.)	1.509/0.0594	.030/.0012	20.00/0.787	F820	1	SH1453
				.086/.0034				

**2BS8453**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
1166cc Toyota 3K		L4	75mm x 66mm	Connecting Rod 29-38 ft.lbs/39-52 Nm (74-83 engines)	
1290cc Toyota 4K		L4	75mm x 73mm	Connecting Rod 34 ft.lbs/47 Nm (67-73 engines) Main Bearing 39-48 ft.lbs/53-65 Nm (74-83 engines) Main Bearing 44 ft.lbs/59 Nm (67-73 engines)	

### Rod

41.976/1.6526	44.999/1.7716	1.496/0.0589	.008/.0003	18.90/0.744	F780	8	1101 IH
42.000/1.6535	45.024/1.7726		.081/.0032				

**4B1101**  
Std. .25 .50 .75 1.0

**Main - for all engines to 8/83 full groove.**

1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/0.0786	.008/.0003	20.90/0.823	F820	10	1102AL IH
	50.000/1.9685	54.028/2.1271		.076/.0030				

**5M1102**  
Std. .25 .50 .75 1.0

### Thrust

3	55.560/2.1874	67.560/2.6598			2.49/0.098	F250	4	8062T IH
	55.820/2.1976	67.820/2.6701						

**2T8062**  
Std.

Note: Set includes four pieces, use on No. 3 position. Required with 5M1102 main set.

# DAIHATSU



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
<b>4C8066</b> Std.	<b>Cam</b>								
	1	43.209/1.7011 43.225/1.7018	48.000/1.8898 48.025/1.8907	2.385/0.0939	.020/.0008 .071/.0028	17.90/0.705	F23	1	8066
	2	42.959/1.6913 42.975/1.6919	47.500/1.8701 47.525/1.8711	2.260/0.0890	.020/.0008 .071/.0028	17.90/0.705	F23	1	8067
	3	42.709/1.6815 42.725/1.6821	47.000/1.8504 47.025/1.8514	2.133/0.0840	.020/.0008 .071/.0028	17.90/0.705	F23	1	8068
<b>RB4037</b> Semi	4	42.459/1.6716 42.475/1.6722	46.500/1.8307 46.525/1.8317	2.006/0.0790	.020/.0008 .071/.0028	17.90/0.705	F23	1	8069
	<b>Small End - not bored, single pieces.</b>								
		17.986/0.7081 17.998/0.7086	20.000/0.7874 20.020/0.7882			24.89/0.980	F100	1	RB4037
<b>3 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
			1295cc (1.3) HC-E	2	L4	76mm x 71.4mm	Connecting Rod 25-32 ft.lbs/34-43 Nm		
			1589cc (1.6) HD-E	0	L4	78mm x 87.6mm	Main Bearing 33-40 ft.lbs/44-54 Nm		
<b>4B8016</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.490/0.0587	.020/.0008 .086/.0034	18.00/0.709	F780	8	8016 IH
<b>5M8017</b> Std. .25 .50	<b>Main</b>								
	1, 2, 3, 4, 5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	1.996/0.0786	.008/.0003 .074/.0029	18.10/0.713	F780	10	8017 IH
<b>1T8017</b> Std.	<b>Thrust</b>								
	3	57.000/2.2441 57.250/2.2539	75.750/2.9823 76.000/2.9921			2.49/0.098	F817	2	8017T IH
<i>Note: Set includes two pieces, use on No.3 position. Required with 5M8017 main set.</i>									



**DEUTZ ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1884cc (1.9).....	(F2L912),Diesel		2		1	3768cc (3.8).....	(F4L912D),Diesel		4		3
1884cc (1.9).....	(F2L912D),Diesel		2		1	4710cc (4.7).....	(F5L912),Diesel		5		4
2826cc (2.8).....	(F3L912),Diesel		3		2	4710cc (4.7).....	(F5L912D),Diesel		5		4
2826cc (2.8).....	(F3L912D),Diesel		3		2	5652cc (5.7).....	(F6L912),Diesel		6		5
3768cc (3.8).....	(F4L912),Diesel		4		3	5652cc (5.7).....	(F6L912D),Diesel		6		5

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1884cc (1.9) (F2L912) Diesel		2	100mm x 120mm		
1884cc (1.9) (F2L912D) Diesel		2	100mm x 120mm		

**Rod - 2 req'd per engine.**

59.941/2.3599	64.000/2.5197	2.000/0.0787	.040/.0016	25.00/0.984	F780	2	2580	1B2580 Std. .25 .50 .75 1.0 1.25 1.50
59.960/2.3606	64.019/2.5204		.104/.0041				U/L	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
2826cc (2.8) (F3L912) Diesel		3	100mm x 120mm		
2826cc (2.8) (F3L912D) Diesel		3	100mm x 120mm		

**Rod - 3 req'd per engine.**

59.941/2.3599	64.000/2.5197	2.000/0.0787	.040/.0016	25.00/0.984	F780	2	2580	1B2580 Std. .25 .50 .75 1.0 1.25 1.50
59.960/2.3606	64.019/2.5204		.104/.0041				U/L	

**Main - 4 req'd per engine.**

69.971/2.7548	74.500/2.9331	2.230/0.0878	.050/.0020	27.00/1.063	F780	2	2583	1M2583 Std. .25 .50 .75 1.0 1.25 1.50
69.990/2.7555	74.519/2.9338		.114/.0045				IH	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	3
3768cc (3.8) (F4L912) Diesel		4	100mm x 120mm		
3768cc (3.8) (F4L912D) Diesel		4	100mm x 120mm		

**Rod - 4 req'd per engine.**

59.941/2.3599	64.000/2.5197	2.000/0.0787	.040/.0016	25.00/0.984	F780	2	2580	1B2580 Std. .25 .50 .75 1.0 1.25 1.50
59.960/2.3606	64.019/2.5204		.104/.0041				U/L	

**Main - 5 req'd per engine.**

69.971/2.7548	74.500/2.9331	2.230/0.0878	.050/.0020	27.00/1.063	F780	2	2583	1M2583 Std. .25 .50 .75 1.0 1.25 1.50
69.990/2.7555	74.519/2.9338		.114/.0045				IH	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	4
4710cc (4.7) (F5L912) Diesel		5	100mm x 120mm		
4710cc (4.7) (F5L912D) Diesel		5	100mm x 120mm		

**Rod - 5 req'd per engine.**

59.941/2.3599	64.000/2.5197	2.000/0.0787	.040/.0016	25.00/0.984	F780	2	2580	1B2580 Std. .25 .50 .75 1.0 1.25 1.50
59.960/2.3606	64.019/2.5204		.104/.0041				U/L	

**Main - 6 req'd per engine.**

69.971/2.7548	74.500/2.9331	2.230/0.0878	.050/.0020	27.00/1.063	F780	2	2583	1M2583 Std. .25 .50 .75 1.0 1.25 1.50
69.990/2.7555	74.519/2.9338		.114/.0045				IH	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	5
5652cc (5.7) (F6L912) Diesel		6	100mm x 120mm		
5652cc (5.7) (F6L912D) Diesel		6	100mm x 120mm		

**Rod - 6 req'd per engine.**

59.941/2.3599	64.000/2.5197	2.000/0.0787	.040/.0016	25.00/0.984	F780	2	2580	1B2580 Std. .25 .50 .75 1.0 1.25 1.50
59.960/2.3606	64.019/2.5204		.104/.0041				U/L	

**Main - 7 req'd per engine.**

69.971/2.7548	74.500/2.9331	2.230/0.0878	.050/.0020	27.00/1.063	F780	2	2583	1M2583 Std. .25 .50 .75 1.0 1.25 1.50
69.990/2.7555	74.519/2.9338		.114/.0045				IH	

DODGE ENGINE INDEX

Table with columns: Engine Disp., Notation, VIN, Cyl., Year, Line, Engine Disp., Notation, VIN, Cyl., Year, Line. Lists various Dodge engine models and specifications.

**DODGE ENGINE INDEX (Cont'd.)**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
383 (6.4).....			V8	61-67	31	426 (7.0).....	Hemi	J	V8	67-70	34
383 (6.4).....			V8	59-60	33	426 (7.0).....	Hemi	R	V8	67-71	34
383 (6.3).....			V8	68-69	31	440 (7.2).....			V8	66-67	33
383 (6.3).....		8	V8	67-69	31	440 (7.2).....		A	V8	74-74	33
383 (6.3).....		H	V8	67-69	31	440 (7.2).....		D	V8	73-79	33
383 (6.3).....		J	V8	70-71	31	440 (7.2).....		K	V8	67-69	33
383 (6.3).....		L	V8	70-71	31	440 (7.2).....		L	V8	67-69	33
383 (6.3).....		N	V8	70-71	31	440 (7.2).....		M	V8	69-69	33
400 (6.6).....		J	V8	71-78	31	440 (7.2).....		T	V8	70-77	33
400 (6.6).....		M	V8	72-76	31	440 (7.2).....		U	V8	70-78	33
400 (6.6).....		N	V8	74-78	31	440 (7.2).....		V	V8	70-72	33
400 (6.6).....		P	V8	72-78	31	488 7990cc (8.0)...		E	V10	99-02	36
413 (6.8).....			V8	61-65	33	488 7990cc (8.0)...		W	V10	94-03	35
426 (7.0).....	(Excl. Hemi)		V8	63-65	33	488 7990cc (8.0)...	(EWB)	E	V10	92-98	36
426 (7.0).....	Hemi		V8	64-67	34						

**DODGE MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
		1754	1.8	Mits G37B (8V SOHC)	89-90	ASPEN	318		5.2		76-80
	360		5.9		70	ASPEN - CUSTOM	360		5.9		76-80
2000 GTX	383		6.4		59-67	225 3687	3.7	Cast Crankshaft			76-77
	122	1997	2.0	Mits 4G63 DOHC	89	225 3687	3.7	Forged Crankshaft			76
	122	1997	2.0	Mits 4G63/G63B	89	318		5.2			76-77
330	273		4.5		64	360		5.9			76-77
	318		5.2		63-64	ASPEN - SPECIAL EDITION	225 3687	3.7	Cast Crankshaft		76-77
	361		5.9		64	225 3687	3.7	Forged Crankshaft			76
	413		6.8		63	318		5.2			76-77
	426		7.0	(Excl. Hemi)	63-64	360		5.9			76-77
	426		7.0	Hemi	64	AVENGER	122	1996	2.0	16V DOHC	95-99
400	135		2.2		82-83	152	2497	2.5	Mits 6G73		97-00
	156	2555	2.6	Mits G54B (SOHC)	82-83	AVENGER - ES	122	1996	2.0	16V DOHC	96-98
400 - LS	135		2.2		82	152	2497	2.5	Mits 6G73		95-98
	156	2555	2.6	Mits G54B (SOHC)	82	B100 VAN	198		3.2		71
440	273		4.5		64	225 3687	3.7	Cast Crankshaft			76-80
	318		5.2		63-64	225 3687	3.7	Forged Crankshaft			71-76
	361		5.9		64	318		5.2			71-80
	413		6.8		63	360		5.9			71-78
	426		7.0	(Excl. Hemi)	63-64	440		7.2			74
	426		7.0	Hemi	64	B100 VAN - SPORTSMAN	225 3687	3.7	Cast Crankshaft		76-80
600	135		2.2		83-88	225 3687	3.7	Forged Crankshaft			71-76
	153	2507	2.5		86-88	318		5.2			71-80
	156	2555	2.6	Mits G54B (SOHC)	83-85	360		5.9			72-78
600 - ES	135		2.2		83-84	B150 VAN	225 3687	3.7	Cast Crankshaft		81-87
	156	2555	2.6	Mits G54B (SOHC)	83-84	239		3.9	OHV		88-94
600 - SE	135		2.2		85-88	318		5.2			81-94
	153	2507	2.5		86-88	B150 VAN - SPORTSMAN	225 3687	3.7	Cast Crankshaft		81-87
	156	2555	2.6	Mits G54B (SOHC)	85	239		3.9	OHV		88-94
880	273		4.5		64	318		5.2			81-94
	318		5.2		63-64	B1500 VAN	239		3.9	OHV	95-98
	361		5.9		63	318		5.2			95-98
	413		6.8		63-64	360		5.9			98
	426		7.0	(Excl. Hemi)	64	B1500 VAN - SPORTSMAN	239		3.9	OHV	95-97
	426		7.0	Hemi	64	318		5.2			95-97
A100	170		2.8		64-69	B200 VAN	198		3.2		71
	198		3.2		70	225 3687	3.7	Cast Crankshaft			76-80
	225	3687	3.7	Forged Crankshaft	64-70	225 3687	3.7	Forged Crankshaft			71-76
	273		4.5		64-67	318		5.2			71-80
A100 - SPORTSMAN	318		5.2		67-70	360		5.9			71-80
	170		2.8		68-69	400		6.6			71-78
	198		3.2		70	440		7.2			75-78
	225	3687	3.7	Forged Crankshaft	68-70	B200 VAN - MAXI	225 3687	3.7	Cast Crankshaft		76-80
	318		5.2		68-70	225 3687	3.7	Forged Crankshaft			72-76
A108 VAN	170		2.8		67-69	318		5.2			72-80
ARIES	135		2.2		81-87	360		5.9			72-80
	153	2507	2.5		86-87	400		6.6			76-78
	156	2555	2.6	Mits G54B (SOHC)	81-85	440		7.2			74-78
ARIES - CUSTOM	135		2.2		81-84	B200 VAN - MAXI WAGON	225 3687	3.7	Cast Crankshaft		76-77
	156	2555	2.6	Mits G54B (SOHC)	81-84	225 3687	3.7	Forged Crankshaft			72-76
ARIES - LE	135		2.2		85-89	318		5.2			72-80
	153	2507	2.5		86-89	360		5.9			72-80
	156	2555	2.6	Mits G54B (SOHC)	85	400		6.6			76-78
ARIES - SE	135		2.2		81-86	440		7.2			74-78
	153	2507	2.5		86						
	156	2555	2.6	Mits G54B (SOHC)	81-85						
ASPEN	225	3687	3.7	Cast Crankshaft	76-80						
	225	3687	3.7	Forged Crankshaft	76						

**DODGE MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
B200 VAN - SPORTSMAN	225	3687	3.7	Cast Crankshaft	76-80	CARAVAN - SE	153	2507	2.5		88-93
	225	3687	3.7	Forged Crankshaft	71-76		156	2555	2.6	Mits G54B (SOHC)	84-87
	318		5.2		71-80		181	2972	3.0	Mits 6G72 SOHC	87-97
	360		5.9		72-80		201		3.3	OHV	91-06
	400		6.6		76-78	CARAVAN - SPORT	201		3.3	OHV	01
	440		7.2		76-78	CARAVAN - SXT	201		3.3	OHV	06
B250 VAN	225	3687	3.7	Cast Crankshaft	81-87	CB300	225	3687	3.7	Cast Crankshaft	77-79
	239		3.9	OHV	88-94		225	3687	3.7	Forged Crankshaft	74-75
	318		5.2		81-94		318		5.2		74-80
	360		5.9		81-94		360		5.9		74-80
							400		6.6		76-78
							440		7.2		77-79
B250 VAN - SPORTSMAN	225	3687	3.7	Cast Crankshaft	81-87	CHALLENGER	98	1597	1.6	Mits 4G32/G32B	78-79
	239		3.9	OHV	88-94		156	2555	2.6	Mits G54B (SOHC)	78-83
	318		5.2		81-94		198		3.2		70-71
	360		5.9		81-94		225	3687	3.7	Forged Crankshaft	70-72
B2500 VAN	239		3.9	OHV	95-98		318		5.2		70-74
	318		5.2		95-98		340		5.6		70-73
	360		5.9		95-98		360		5.9		74
							383		6.3		70-71
B2500 VAN - SPORTSMAN	239		3.9	OHV	95-97	CHALLENGER - R/T	426		7.0	Hemi	70
	318		5.2		95-97		340		5.6		71
	360		5.9		95-97		383		6.3		70-71
B300 VAN	225	3687	3.7	Cast Crankshaft	76-79		426		7.0	Hemi	70-71
	225	3687	3.7	Forged Crankshaft	71-76		440		7.2		70-71
	318		5.2		71-80	CHALLENGER - RALLYE			5.2		72
	360		5.9		71-80		318		5.2		72
	400		6.6		76-78		340		5.6		76
	440		7.2		76-78	CHARGER	225	3687	3.7	Cast Crankshaft	68-76
B300 VAN - MAXI	225	3687	3.7	Cast Crankshaft	76-79		225	3687	3.7	Forged Crankshaft	68-76
	225	3687	3.7	Forged Crankshaft	72-76		167	2700	2.7		06
	318		5.2		72-80		273		4.5		66
	360		5.9		72-80		318		5.2		67-76
	400		6.6		76-78		340		5.6		72-73
	440		7.2		75-78		360		5.9		74-76
							383		6.3		67-71
B300 VAN - MAXI WAGON	225	3687	3.7	Forged Crankshaft	72-75		400		6.6		72-76
	318		5.2		72-80		426		7.0	Hemi	67-69
	360		5.9		72-80		440		7.2		67-74
	400		6.6		76-78	CHARGER - 2.2	135		2.2		84-86
	440		7.2		76-78	CHARGER - 500	225	3687	3.7	Forged Crankshaft	70
B300 VAN - SPORTSMAN	225	3687	3.7	Forged Crankshaft	71-73		318		5.2		70-71
	318		5.2		71-80		383		6.3		70-71
	360		5.9		72-80		426		7.0	Hemi	69
	400		6.6		77-78		440		7.2		69-70
	440		7.2		76-78	CHARGER - DAYTONA R/T	345		5.7	Hemi	06
B350 VAN	239		3.9	OHV	90-94	CHARGER - R/T	318		5.2		68
	318		5.2		81-94		345		5.7	Hemi	06
	360		5.9		81-94		383		6.3		68
B350 VAN - SPORTSMAN	318		5.2		81-94		426		7.0	Hemi	68-71
	360		5.9		81-94		440		7.2		67-71
B3500 VAN	318		5.2		95-98	CHARGER - SE	215	3497	3.5	SOHC (Aluminum Block)	06
	360		5.9		95-98						
B3500 VAN - SPORTSMAN	318		5.2		95-97	CHARGER - SHELBY	135		2.2		83-87
	360		5.9		95-97	CHARGER - SPECIAL EDITION	318		5.2		71-78
CARAVAN	135		2.2		84-87		340		5.6		72-73
	148	2429	2.4	DOHC	96-02		360		5.9		74-78
	153	2507	2.5		88-95		383		6.3		71
	156	2555	2.6	Mits G54B (SOHC)	84-87		400		6.6		72-78
	181	2972	3.0	Mits 6G72 SOHC	90-00		440		7.2		71-74
	201		3.3	OHV	90-06	CHARGER - SPORT	225	3687	3.7	Cast Crankshaft	76
	230		3.8	OHV	98-99		225	3687	3.7	Forged Crankshaft	76
CARAVAN - C/V	153	2507	2.5		89-95		318		5.2		76
	181	2972	3.0	Mits 6G72 SOHC	89-95		360		5.9		76
	201		3.3	OHV	91-95		400		6.6		76
CARAVAN - ES	181	2972	3.0	Mits 6G72 SOHC	93-95	CHARGER - SUPER BEE	340		5.6		71
	201		3.3	OHV	93-97		383		6.3		71
	230		3.8	OHV	96-97		426		7.0	Hemi	71
CARAVAN - LE	135		2.2		84-87		440		7.2		71
	153	2507	2.5		88-91	CHARGER - SXT	215	3497	3.5	SOHC (Aluminum Block)	06
	156	2555	2.6	Mits G54B (SOHC)	84-87						
	181	2972	3.0	Mits 6G72 SOHC	87-95	COLT		1410	1.4	Mits G12B	79-83
	201		3.3	OHV	91-97		90	1468	1.5	Mits G15B/4G15	89-94
	230		3.8	OHV	96-97		98	1597	1.6	Mits 4G32/G32B	71-83
CARAVAN - SE	135		2.2		84-87		112	1834	1.8	Mits 4G93	92-94
	148	2429	2.4	DOHC	96-97		122	1995	2.0	Mits 4G52/G52B	74-77

**DODGE MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
COLT		2351	2.4	Mits 4G64	93-94	CORONET - CUSTOM	340		5.6		72-73
	156	2555	2.6	Mits G54B (SOHC)	78-80		360		5.9		74-75
COLT - 100 DL	90	1468	1.5	Mits G15B/4G15	89-91		383		6.3		71
	98	1597	1.6	Mits 4G32/G32B	89		400		6.6		72-75
COLT - 100 E	90	1468	1.5	Mits G15B/4G15	89-92	CORONET - DELUXE	225	3687	3.7	Forged Crankshaft	68-70
COLT - 100 LX	90	1468	1.5	Mits G15B/4G15	89-90		273		4.5		68
	98	1597	1.6	Mits 4G32/G32B	89-90		318		5.2		68-70
COLT - 200 DL	90	1468	1.5	Mits G15B/4G15	89-90		383		6.3		68-70
COLT - 200 E	90	1468	1.5	Mits G15B/4G15	89-92	CORONET - R/T	383		6.3		68
COLT - 200 GT	90	1468	1.5	Mits G15B/4G15	91-92		426		7.0	Hemi	67-70
COLT - 200 LX	90	1468	1.5	Mits G15B/4G15	89		440		7.2		67-70
	98	1597	1.6	Mits 4G32/G32B	89	CORONET - SUPER					
COLT - 4X4		2351	2.4	Mits 4G64	93-94	BEE	383		6.3		68-70
COLT - CAROUSEL	98	1597	1.6	Mits 4G32/G32B	75-77		426		7.0	Hemi	68-70
	122	1995	2.0	Mits 4G52/G52B	76-77		440		7.2		69-70
COLT - CUSTOM		1410	1.4	Mits G12B	79	CUSTOM	273		4.5		64-65
	98	1597	1.6	Mits 4G32/G32B	77-83		318		5.2		62-65
COLT - DELUXE		1410	1.4	Mits G12B	82-83		326		5.3		59
	98	1597	1.6	Mits 4G32/G32B	82-83		350		5.7		58
COLT - DL		1410	1.4	Mits G12B	84		361		5.9		58-64
	90	1468	1.5	Mits G15B/4G15	85-90		413		6.8		62-65
	98	1597	1.6	Mits 4G32/G32B	84-88		426		7.0	(Excl. Hemi)	63-65
COLT - E		1410	1.4	Mits G12B	84		426		7.0	Hemi	64-65
	90	1468	1.5	Mits G15B/4G15	85-89	D100 PICKUP	198		3.2		70-71
	98	1597	1.6	Mits 4G32/G32B	84		225	3687	3.7	Cast Crankshaft	76-87
COLT - ES	90	1468	1.5	Mits G15B/4G15	94		225	3687	3.7	Forged Crankshaft	68-76
	112	1834	1.8	Mits 4G93	94		239		3.9	OHV	88-89
COLT - GL	90	1468	1.5	Mits G15B/4G15	90-93		318		5.2		68-89
	112	1834	1.8	Mits 4G93	93		360		5.9		71-88
COLT - GT	90	1468	1.5	Mits G15B/4G15	89-90		383		6.3		68-71
	98	1597	1.6	Mits 4G32/G32B	73-90		400		6.6		71-78
	122	1995	2.0	Mits 4G52/G52B	74-77		440		7.2		73-78
COLT - PREMIER	90	1468	1.5	Mits G15B/4G15	85-88	D100 SERIES	170		2.8		61-65
	98	1597	1.6	Mits 4G32/G32B	85-88		225	3687	3.7	Forged Crankshaft	60-67
COLT - SE	112	1834	1.8	Mits 4G93	92		318		5.2		60-67
		2351	2.4	Mits 4G64	93-94	D150 PICKUP	225	3687	3.7	Cast Crankshaft	77-87
COLT - VISTA	122	1995	2.0	Mits 4G63/G63B	84		239		3.9	OHV	88-93
	122	1997	2.0	Mits 4G63/G63B	85-91		318		5.2		77-93
COLT - VISTA							360		5.9		77-93
CUSTOM	122	1997	2.0	Mits 4G63/G63B	86		400		6.6		77-78
CONQUEST	156	2555	2.6	Mits G54B (SOHC)	84-86		440		7.2		78
CORONET	225	3687	3.7	Cast Crankshaft	76	D150 PICKUP - S	239		3.9	OHV	90-91
	225	3687	3.7	Forged Crankshaft	71-76		318		5.2		90-91
	273		4.5		65-67	D200 PICKUP	225	3687	3.7	Cast Crankshaft	76-80
	318		5.2		65-76		225	3687	3.7	Forged Crankshaft	68-76
	326		5.3		59		318		5.2		68-80
	350		5.7		58		360		5.9		71-80
	360		5.9		73-76		383		6.3		68-71
	361		5.9		58-59		400		6.6		71-78
	383		6.3		67-71		440		7.2		73-78
	400		6.6		72-76	D200 SERIES	225	3687	3.7	Forged Crankshaft	60-67
	413		6.8		65		318		5.2		60-67
	426		7.0	(Excl. Hemi)	65	D250 PICKUP	225	3687	3.7	Cast Crankshaft	81-87
	426		7.0	Hemi	65-67		239		3.9	OHV	88-93
	440		7.2		67-76		318		5.2		81-93
CORONET - 440	225	3687	3.7	Forged Crankshaft	68-70		360		5.9		81-93
	273		4.5		68	D300 PICKUP	225	3687	3.7	Cast Crankshaft	76-78
	318		5.2		68-70		225	3687	3.7	Forged Crankshaft	68-76
	383		6.3		68-70		318		5.2		68-80
	426		7.0	Hemi	68-69		360		5.9		71-80
	440		7.2		68		383		6.3		68-71
CORONET - 500	273		4.5		68		400		6.6		71-78
	318		5.2		68-70		440		7.2		73-78
	383		6.3		68-70	D300 SERIES	225	3687	3.7	Forged Crankshaft	60-67
CORONET - BROUGHAM	225	3687	3.7	Cast Crankshaft	76		318		5.2		60-67
	225	3687	3.7	Forged Crankshaft	76	D350 PICKUP	318		5.2		81-83
	318		5.2		71-76		360		5.9		81-93
	360		5.9		75-76	D400 PICKUP	360		5.9		78-81
	383		6.3		71		440		7.2		78
	400		6.6		75-76	D450 PICKUP	360		5.9		78-81
							440		7.2		78
CORONET - CRESTWOOD	318		5.2		71-75	D50 PICKUP	122	1995	2.0	Mits 4G52/G52B	79-80
	340		5.6		73		122	1997	2.0	Mits 4G52/G52B	81-82
	360		5.9		74-76		156	2555	2.6	Mits G54B (SOHC)	79-82
	383		6.3		71	DAKOTA	135		2.2		87-88
	400		6.6		72-76		153	2507	2.5		89-95
CORONET - CUSTOM	225	3687	3.7	Forged Crankshaft	71-75		153	2507	2.5	AMC Eng.	96-02
	318		5.2		71-75		226		3.7		04-05
							239		3.9	OHV	87-03

**DODGE MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
DAKOTA	285		4.7		01-05	DAYTONA - SHELBY	135		2.2		89-90
	287		4.7		00-01		153	2507	2.5		89-91
	318		5.2		90-99	DAYTONA - SHELBY Z	135		2.2		87-88
	360		5.9		98-03	DAYTONA - TURBO	135		2.2		84-85
DAKOTA - LARAMIE	226		3.7		06	DAYTONA - TURBO Z	135		2.2		86
	285		4.7		06	DIPLOMAT	225	3687	3.7	Cast Crankshaft	78-81
DAKOTA - SHELBY	318		5.2		89		318		5.2		77-81
DAKOTA - SLT	226		3.7		06		360		5.9		78-79
	285		4.7		06	DIPLOMAT -					
DAKOTA - SPORT	239		3.9	OHV	88-91	MEDALLION	225	3687	3.7	Cast Crankshaft	78-83
	318		5.2		91		318		5.2		77-83
DAKOTA - ST	226		3.7		06		360		5.9		78-79
	285		4.7		06	DIPLOMAT - S	225	3687	3.7	Cast Crankshaft	78
DART	170		2.8		61-69		318		5.2		78
	198		3.2		70-74	DIPLOMAT - SALON	225	3687	3.7	Cast Crankshaft	79-83
	225	3687	3.7	Cast Crankshaft	76		318		5.2		79-89
	225	3687	3.7	Forged Crankshaft	60-76		360		5.9		79
	273		4.5		64-69	DIPLOMAT - SE	318		5.2		84-89
	318		5.2		60-76	DIPLOMAT - SPORT	225	3687	3.7	Cast Crankshaft	81
	340		5.6		68		318		5.2		81
	360		5.9		76	DURANGO	226		3.7		04-05
	361		5.9		60-62		239		3.9	OHV	98-99
	383		6.3		68		285		4.7		02-05
	413		6.8		61-65		287		4.7		00-01
DART - 270	170		2.8		68		318		5.2		98-00
	225	3687	3.7	Forged Crankshaft	68		345		5.7	Hemi	04-05
	273		4.5		68		360		5.9		98-03
	318		5.2		68	DURANGO -					
	340		5.6		68	ADVENTURER	285		4.7		06
	383		6.3		68		345		5.7	Hemi	06
DART - CUSTOM	170		2.8		69	DURANGO - LIMITED	285		4.7		06
	198		3.2		70-74		345		5.7	Hemi	06
	225	3687	3.7	Forged Crankshaft	69-75	DURANGO - SLT	226		3.7		06
	273		4.5		69		285		4.7		06
	318		5.2		69-75		345		5.7	Hemi	06
DART - DEMON	198		3.2		71-72	DURANGO - SXT	226		3.7		06
	225	3687	3.7	Forged Crankshaft	71-72		285		4.7		06
	318		5.2		71-72	DYNASTY	153	2507	2.5		88-93
DART - DEMON 340	340		5.6		71-72		181	2972	3.0	Mits 6G72 SOHC	88-93
DART - GT	170		2.8		68-69		201		3.3	OHV	90-93
	225	3687	3.7	Forged Crankshaft	68-69	DYNASTY - LE	153	2507	2.5		88
	273		4.5		68-69		181	2972	3.0	Mits 6G72 SOHC	88-93
	318		5.2		68-69		201		3.3	OHV	90-93
	340		5.6		68-69	GRAND CARAVAN	148	2429	2.4	DOHC	96-97
	383		6.3		68		181	2972	3.0	Mits 6G72 SOHC	94-00
DART - GTS	273		4.5		68-69		201		3.3	OHV	97-06
	318		5.2		68-69		230		3.8	OHV	98-05
	340		5.6		68-69	GRAND CARAVAN -					
	383		6.3		68-69	ES	201		3.3	OHV	93-01
DART - SPECIAL	198		3.2		71-74		230		3.8	OHV	94-01
	225	3687	3.7	Cast Crankshaft	76	GRAND CARAVAN -					
	225	3687	3.7	Forged Crankshaft	71-76	LE	181	2972	3.0	Mits 6G72 SOHC	88-89
	318		5.2		71-76		201		3.3	OHV	90-97
DART - SPECIAL EDITION	225	3687	3.7	Forged Crankshaft	74-75		230		3.8	OHV	94-97
	318		5.2		74-75	GRAND CARAVAN -					
DART - SPORT	198		3.2		73-74	SE	148	2429	2.4	DOHC	96-97
	225	3687	3.7	Forged Crankshaft	73-75		153	2507	2.5		88
	318		5.2		73-75		181	2972	3.0	Mits 6G72 SOHC	88-97
	340		5.6		73		201		3.3	OHV	90-06
DART - SPORT 340	340		5.6		74-75	GRAND CARAVAN -	230		3.8	OHV	97
DART - SPORT 360	360		5.9		69	SPORT	201		3.3	OHV	01-03
DART - SWINGER	170		2.8		70-74		230		3.8	OHV	01-03
	198		3.2		76	GRAND CARAVAN -					
	225	3687	3.7	Cast Crankshaft	69-76	SXT	230		3.8	OHV	06
	225	3687	3.7	Forged Crankshaft	69	INTREPID	167	2700	2.7		98-01
	273		4.5		69-76		197	3200	3.2	SOHC	98-01
	318		5.2		69-71		201		3.3	OHV	93-97
	340		5.6		76		215	3497	3.5	SOHC (Aluminum Block)	00-01
DAYTONA	135		2.2		84-90						
	153	2507	2.5		86-93		215	3497	3.5	SOHC (Cast Iron Block)	93-97
	181	2972	3.0	Mits 6G72 SOHC	90-93	INTREPID - ES	167	2700	2.7		00-01
DAYTONA - ES	153	2507	2.5		89-93		197	3200	3.2	SOHC	00
	181	2972	3.0	Mits 6G72 SOHC	90-93		201		3.3	OHV	93-95
DAYTONA - IROC	153	2507	2.5		91-92		215	3497	3.5	SOHC (Aluminum Block)	02-04
	181	2972	3.0	Mits 6G72 DOHC	91						
	181	2972	3.0	Mits 6G72 SOHC	92-93		215	3497	3.5	SOHC (Cast Iron Block)	93-97
DAYTONA - IROC R/T	135		2.2		92-93						
DAYTONA - PACIFICA	135		2.2		87-88						

**DODGE MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
INTREPID - POLICE	215	3497	3.5	SOHC (Aluminum Block)	04	OMNI - 024 MISER	135		2.2		81-82
INTREPID - R/T	215	3497	3.5	SOHC (Aluminum Block)	00-02	OMNI - CUSTOM	135		2.2		83
INTREPID - SE	167	2700	2.7		02-04	OMNI - E-TYPE	135		2.2		82
INTREPID - SXT	215	3497	3.5	SOHC (Aluminum Block)	03-04	OMNI - MISER	135		2.2		81-82
LANCER	135		2.2		85-89	OMNI - SE	135		2.2		84-86
	153	2507	2.5		86-89	P100	225	3687	3.7	Forged Crankshaft	68
	170		2.8		62	P200	225	3687	3.7	Forged Crankshaft	68-72
	225	3687	3.7	Forged Crankshaft	61-62		360		5.9		70-72
	413		6.8		61-62	P200 - POST OFFICE	225	3687	3.7	Forged Crankshaft	68
LANCER - ES	135		2.2		85-88	P300	225	3687	3.7	Forged Crankshaft	68-72
	153	2507	2.5		86-89		360		5.9		71-72
LANCER - SHELBY	135		2.2		89	POLARA	170		2.8		63-64
	153	2507	2.5		89		225	3687	3.7	Forged Crankshaft	63-71
M300	318		5.2		74		273		4.5		64-67
	440		7.2		74		318		5.2		60-73
M350	318		5.2		74		360		5.9		71-73
	440		7.2		74		361		5.9		60-64
MAGNUM - R/T	345		5.7	Hemi	05-06		383		6.3		68-71
MAGNUM - SE	167	2700	2.7		05-06		400		6.6		72-73
	215	3497	3.5	SOHC (Aluminum Block)	06		413		6.8		61-65
							426		7.0	(Excl. Hemi)	64-65
MAGNUM - SXT	215	3497	3.5	SOHC (Aluminum Block)	05-06		426		7.0	Hemi	64-67
							440		7.2		66-73
MAGNUM - SXT SPECIAL EDITION	215	3497	3.5	SOHC (Aluminum Block)	05	POLARA - 500	318		5.2		68-69
							383		6.3		68-69
							440		7.2		68-69
MAGNUM - XE	318		5.2		78-79	POLARA - BROUGHAM	383		6.3		71
	360		5.9		78-79		440		7.2		71
	400		6.6		78	POLARA - CUSTOM	225	3687	3.7	Forged Crankshaft	70
MATADOR	318		5.2		60		318		5.2		70-73
	361		5.9		60		360		5.9		71-73
MINI RAM	135		2.2		84-87		383		6.3		70-71
	153	2507	2.5		87-88		400		6.6		72-73
	156	2555	2.6	Mits G54B (SOHC)	84-87		440		7.2		70-73
	181	2972	3.0	Mits 6G72 SOHC	87-88	POWER RAM 50	156	2555	2.6	Mits G54B (SOHC)	83
MIRADA	225	3687	3.7	Cast Crankshaft	80-83		156	2555	2.6	Mits G54B (SOHC)	85-86
	318		5.2		80-83	RAIDER	181	2972	3.0	Mits 6G72 SOHC	87-89
	360		5.9		80		285		4.7		06
MONACO	225	3687	3.7	Cast Crankshaft	77-78	RAM 1500 - LARAMIE	345		5.7	Hemi	06
	318		5.2		68-78		285		4.7		06
	360		5.9		71-78	RAM 1500 - SLT	345		5.7	Hemi	06
	383		6.3		67-71		345		5.7	Hemi	06
	400		6.6		72-78	RAM 1500 - SLT	345		5.7	Hemi	06
	413		6.8		65	SPORT	345		5.7	Hemi	06
	426		7.0	(Excl. Hemi)	65	RAM 1500 - SLT TRX4	345		5.7	Hemi	06
	426		7.0	Hemi	65-66	RAM 1500 - SPORT	345		5.7	Hemi	06
	440		7.2		66-78	RAM 1500 - ST	226		3.7		06
MONACO - 500	318		5.2		68		285		4.7		06
	383		6.3		68	RAM 1500 - TRX4	285		4.7		06
	440		7.2		68		345		5.7	Hemi	06
MONACO - BROUGHAM	225	3687	3.7	Cast Crankshaft	77-78	RAM 1500 - PICKUP	225		3.7		02-04
	318		5.2		77-78		226		3.7		05
	360		5.9		74-78		239		3.9	OHV	94-01
	400		6.6		74-78		285		4.7		05
	440		7.2		74-78		287		4.7		02-04
MONACO - CRESTWOOD	360		5.9		77-78		318		5.2		94-01
	400		6.6		77-78		345		5.7	Hemi	03-05
MONACO - CUSTOM	360		5.9		74		360		5.9		94-03
	400		6.6		74	RAM 1500 VAN	239		3.9	OHV	99-03
	440		7.2		74		318		5.2		99-03
MONACO - ES	181	2972	3.0	Mits 6G72 SOHC	90-92		360		5.9		99-03
MONACO - LE	181	2972	3.0	Mits 6G72 SOHC	90-92	RAM 2500 - LARAMIE	345		5.7	Hemi	06
NEON	122	1996	2.0	16V DOHC	96-99	RAM 2500 - POWER	345		5.7	Hemi	06
	122	1996	2.0	16V SOHC	95-01	RAM 2500 - WAGON	345		5.7	Hemi	06
NEON - ACR	122	1996	2.0	16V SOHC	02	RAM 2500 - SLT	345		5.7	Hemi	06
NEON - HIGHLINE	122	1996	2.0	16V DOHC	96-97	RAM 2500 - SPORT	345		5.7	Hemi	06
	122	1996	2.0	16V SOHC	95-97	RAM 2500 - ST	345		5.7	Hemi	06
	122	1996	2.0	16V SOHC	01-04	RAM 2500 - TRX4	345		5.7	Hemi	06
NEON - R/T	122	1996	2.0	16V SOHC	02-05	RAM 2500 PICKUP	488	7990	8.0		94-03
NEON - SE	122	1996	2.0	16V SOHC	95-97		318		5.2		94-98
NEON - SPORT	122	1996	2.0	16V DOHC	95-97		345		5.7	Hemi	03-05
	122	1996	2.0	16V SOHC	95-97	RAM 2500 VAN	360		5.9		94-02
NEON - SXT	122	1996	2.0	16V SOHC	03-05		318		5.2		99-03
OMNI	135		2.2		81-90		360		5.9		99-03
OMNI - 024	135		2.2		81-82	RAM 3500 - SPORT	345		5.7	Hemi	06
						RAM 3500 - ST	345		5.7	Hemi	06
						RAM 3500 PICKUP	488	7990	8.0		94-03

DODGE MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
RAM 3500 PICKUP	345		5.7	Hemi	03-05	STEALTH - ES	181	2972	3.0	Mits 6G72 DOHC	91-93
	360		5.9		94-02	STEALTH - R/T	181	2972	3.0	Mits 6G72 DOHC	91-96
RAM 3500 PICKUP - QUAD CAB	360		5.9		98	STEALTH - R/T SPORT	181	2972	3.0	Mits 6G72 DOHC	94-95
RAM 3500 VAN	318		5.2		99-03	STEALTH - R/T TURBO	181	2972	3.0	Mits 6G72 DOHC	91-96
	360		5.9		99-03	STRATUS	122	1996	2.0	16V SOHC	95-00
RAM 50	122	1995	2.0	Mits 4G63/G63B	87-89		148	2429	2.4	DOHC	95-02
		2351	2.4	Mits 4G64	90-93		152	2497	2.5	Mits 6G73	99-00
	156	2555	2.6	Mits G54B (SOHC)	85-89		167	2700	2.7		01-05
	181	2972	3.0	Mits 6G72 DOHC	91	STRATUS - ES	181	2972	3.0	Mits 6G72 SOHC	01
	181	2972	3.0	Mits 6G72 SOHC	90-91		122	1996	2.0	16V SOHC	95-97
RAM 50 - CUSTOM	122	1995	2.0	Mits 4G63/G63B	84-86		148	2429	2.4	DOHC	95-98
	122	1997	2.0	Mits 4G52/G52B	83	STRATUS - R/T	152	2497	2.5	Mits 6G73	95-98
	156	2555	2.6	Mits G54B (SOHC)	84-89		167	2700	2.7		06
RAM 50 - ROYAL	122	1995	2.0	Mits 4G63/G63B	84	STRATUS - SXT TRUCK	181	2972	3.0	Mits 6G72 SOHC	02-05
	143	2346	2.3	Mits 4D55	83-85		167	2700	2.7		06
	156	2555	2.6	Mits G54B (SOHC)	83-85	VIPER	170		2.8		60
RAM 50 - SE		2351	2.4	Mits 4G64	90-93	VIPER - GTS	318		5.2		59
	181	2972	3.0	Mits 6G72 DOHC	91	VIPER - RT10	488	7990	8.0		92-02
	181	2972	3.0	Mits 6G72 SOHC	91	W100 PICKUP	488	7990	8.0		96-02
RAM 50 - SPORT	143	2346	2.3	Mits 4D55	83-84		488	7990	8.0		00-02
	156	2555	2.6	Mits G54B (SOHC)	83-89		225	3687	3.7	Cast Crankshaft	76-87
RAMCHARGER	225	3687	3.7	Cast Crankshaft	76-80		225	3687	3.7	Forged Crankshaft	68-76
	225	3687	3.7	Forged Crankshaft	74-76		239		3.9	OHV	89
	318		5.2		74-93		318		5.2		68-89
	360		5.9		74-93		360		5.9		72-88
	400		6.6		76-78		383		6.3		68-71
	440		7.2		74-78		400		6.6		71-77
RAMPAGE	135		2.2		82-84	W100 SERIES	440		7.2		74-77
RAMPAGE - 2+2 RD200	135		2.2		84		225	3687	3.7	Forged Crankshaft	60-67
RD200 PICKUP	318		5.2		78-79	W150 PICKUP	318		5.2		60-67
	360		5.9		78-79		225	3687	3.7	Cast Crankshaft	78-87
ROYAL MINI RAM	135		2.2		84-87		239		3.9	OHV	89-93
	156	2555	2.6	Mits G54B (SOHC)	84-87		318		5.2		77-93
	181	2972	3.0	Mits 6G72 SOHC	87		360		5.9		77-93
ROYAL MONACO	318		5.2		75-77	W150 PICKUP - S	400		6.6		77-78
	360		5.9		75-77		440		7.2		78
	400		6.6		75-77		239		3.9	OHV	90-91
	440		7.2		75-77		318		5.2		90-91
ROYAL MONACO - BROUGHAM	360		5.9		75-77	W200 PICKUP	360		5.9		91
	400		6.6		75-77		225	3687	3.7	Cast Crankshaft	76-80
	440		7.2		75-77		225	3687	3.7	Forged Crankshaft	69-76
SHADOW	135		2.2		87-94		318		5.2		69-80
	153	2507	2.5		88-94	W200 SERIES	360		5.9		71-80
	181	2972	3.0	Mits 6G72 SOHC	93		383		6.3		69-71
SHADOW - AMERICA	135		2.2		91-92	W250 PICKUP	400		6.6		71-78
	153	2507	2.5		92		440		7.2		74-78
SHADOW - ES	153	2507	2.5		91-94	W300 PICKUP	225	3687	3.7	Forged Crankshaft	60-67
	181	2972	3.0	Mits 6G72 SOHC	92-94		318		5.2		60-67
SHADOW - SHELBY SPIRIT	135		2.2		89		360		5.9		81-93
	153	2507	2.5		89-95		225	3687	3.7	Cast Crankshaft	76-78
SPIRIT - ES	181	2972	3.0	Mits 6G72 SOHC	90-95		225	3687	3.7	Forged Crankshaft	68-76
	153	2507	2.5		89-93		318		5.2		68-80
SHADOW - ES	153	2507	2.5		91-94		360		5.9		71-80
	181	2972	3.0	Mits 6G72 SOHC	89-93		383		6.3		68-69
SHADOW - SHELBY SPIRIT	135		2.2		89		400		6.6		76-78
	153	2507	2.5		89-92		440		7.2		75-78
SPIRIT - ES	181	2972	3.0	Mits 6G72 SOHC	90-92	W300 SERIES	225	3687	3.7	Forged Crankshaft	63-67
	181	2972	3.0	Mits 6G72 SOHC	91-92		318		5.2		60-67
SPIRIT - LE	135		2.2		79-81	W350 PICKUP	318		5.2		82-83
	153	2507	2.5		79-81		360		5.9		81-93
SPIRIT - R/T ST. REGIS	225	3687	3.7	Cast Crankshaft	79-81	WM300 POWER WAGON	318		5.2		60-62
	318		5.2		79-80						
	360		5.9		79-80						
STEALTH	181	2972	3.0	Mits 6G72 DOHC	91-96						
	181	2972	3.0	Mits 6G72 SOHC	91-92						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1410cc (1.4) Mits G12B			2	L4	74mm x 82mm	Connecting Rod 23-25 ft.lbs/31-34 Nm			
1410cc (1.4) Mits G12B			A	L4	74mm x 82mm	Main Bearing 36-40 ft.lbs/49-54 Nm			
1410cc (1.4) Mits G12B			J	L4	74mm x 82mm				
<b>4B1736</b>	<b>Rod</b>								
Std. .25 .50 .75 1.0		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .071/.0028	17.63/0.694	F820	8	1736AL IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 1**
**Main - full groove on #1,2,4,5 positions.**

1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	19.13/0.753	F820	8	1737AL IH	<b>5M1737</b> Std. .25 .50 .75 1.0
3(FI)	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	23.95/0.943	F820	2	1738AL IH	

*Overflange length remains constant for standard and undersizes.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
90 1468cc (1.5) Mits G15B/4G15	A	L4	75.5mm x 82mm	Connecting Rod 23-25 ft.lbs/31-34 Nm Main Bearing 36-40 ft.lbs/49-54 Nm	
90 1468cc (1.5) Mits G15B/4G15	K	L4	75.5mm x 82mm		
90 1468cc (1.5) Mits G15B/4G15	P	L4	75.5mm x 82mm		
90 1468cc (1.5) Mits G15B/4G15	X	L4	75.5mm x 82mm		

**Rod - for engines 8/88-1994.**

	41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .079/.0031	15.60/0.614	F810	8	1130A IH	<b>4B1130</b> Std. .25 .50 .75 1.0
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**Rod - for engines 1985 - 8/88 only.**

	41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .071/.0028	17.63/0.694	F820	8	1736AL IH	<b>4B1736</b> Std. .25 .50 .75 1.0
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**Main**

1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	19.13/0.753	F810	8	1124A U/L	<b>5M1124</b> Std. .25 .50 .75
3(FI)	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	23.95/0.943	F810	2	1125A IH	

*Overflange length remains constant for standard and undersizes.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	3
1595cc (1.6) Mits 4G61 (DOHC)		L4	82.3mm x 75mm	Connecting Rod 23-25 ft.lbs/31-34 Nm Main Bearing 36-40 ft.lbs/49-54 Nm	
1595cc (1.6) Mits 4G61T (DOHC)		L4	82.3mm x 75mm		
Turbo		L4	82.3mm x 75mm		

**Rod**

	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	<b>4B1146</b> Std. .25 .50 .75 1.0
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**Main**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	<b>5M1144</b> Std. .25 .50 .75 1.0
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

*Overflange length remains constant for standard and undersizes.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	4
98 1597cc (1.6) Mits 4G32/G32B	3	L4	76.9mm x 86mm	Connecting Rod 23-25 ft.lbs/31-34 Nm Main Bearing 36-40 ft.lbs/49-54 Nm	
98 1597cc (1.6) Mits 4G32/G32B	B	L4	76.9mm x 86mm		
98 1597cc (1.6) Mits 4G32/G32B Turbo	F	L4	76.9mm x 86mm		
98 1597cc (1.6) Mits 4G32/G32B	K	L4	76.9mm x 86mm		
98 1597cc (1.6) Mits 4G32/G32B	Y	L4	76.9mm x 86mm		
98 1597cc (1.6) Mits 4G32/G32B Turbo	Z	L4	76.9mm x 86mm		

**Rod**

	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	<b>4B1146</b> Std. .25 .50 .75 1.0
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>4 (Cont'd.)</b>									
<b>5M1144</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>3BS8385</b> Std.	<b>Balance Shaft</b>								
	RHF	38.974/1.5344 (Max.)	42.024/1.6545 (Max.)	1.506/0.0593	.020/.0008 .076/.0030	19.25/0.758	F830	1	SH1465
	RHR, LHR	35.977/1.4164 (Max.)	39.025/1.5364 (Max.)	1.496/0.0589	.043/.0017 .099/.0039	16.00/0.630	F830	2	SH1466
<b>5SC761</b> Std.	<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).</b>								
	1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L

<b>5 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1754cc (1.8) Mits G37B (8V SOHC)	T	L4	80.6mm x 86mm	Connecting Rod 23-25 ft.lbs/31-34 Nm Main Bearing 36-40 ft.lbs/49-54 Nm					

<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
<b>5M1144</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>3BS8387</b> Std.	<b>Balance Shaft</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388

<b>6 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
112 1834cc (1.8) Mits 4G93 112 1834cc (1.8) Mits 4G93	C D	L4 L4	81mm x 89mm 81mm x 89mm	Connecting Rod 15 ft.lbs/20 Nm + 1/4 turn Main Bearing 18 ft.lbs/25 Nm + 1/4 turn Tighten main bearing caps from center, working towards end caps.					

<b>4B8036</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/0.0587	.016/.0006 .077/.0030	16.80/0.661	F780	8	8036 IH
<i>To be superseded by 4B8036A when stock exhausted.</i>									
<b>4B8036A</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/0.0587	.016/.0006 .077/.0030	16.80/0.661	F810	8	8036A IH
<b>5M8037</b> Std. .25 .50	<b>Main</b>								
	1-5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/0.0784	.018/.0007 .080/.0031	19.13/0.753	F780	10	8037 U/L
<i>To be superseded by 5M8037A when stock exhausted.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b> <b>6</b>									
<b>Main</b>									
1-5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/0.0784	.018/.0007 .080/.0031	19.13/0.753	F810	10	8037A U/L	<b>5M8037A</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
3	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803			1.98/0.078	F817	2	8037T IH	<b>1T8037</b> Std.
<i>Set includes 2 pieces, use on number 3 position. Required with 5M8037.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
122 1995cc (2.0) Mits 4G52/G52B	U	L4	84mm x 90mm	Connecting Rod 33-34 ft.lbs/45-47 Nm					
122 1997cc (2.0) Mits 4G52/G52B	5	L4	84mm x 90mm	Main Bearing 55-61 ft.lbs/75-83 Nm					
<b>7</b>									
<b>Rod</b>									
	52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH	<b>4B1136</b> Std. .25 .50 .75 1.0
<b>Main - to suit engines with 66mm/2.5984" journals 74 - 7/78.</b>									
1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	25.13/0.989	F780	8	1137 U/L	<b>5M1137</b> Std. .25 .50 .75 1.0
3 (FI)	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	30.95/1.219	F780	2	1138 IH	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - to suit engines with 60mm/2.3622" journals 8/78 - on.</b>									
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	<b>5M1139</b> Std. .25 .50 .75 1.0
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	30.95/1.219	F820	2	1135AL IH	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - optional set to 5M1139 with overflange length increase for undersizes. *See below for dimensional information.</b>									
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	<b>5M1143</b> .25 .50 .75 1.0
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	(See Table)	F820	2	1143AL IH	
<b>* DIMENSIONAL INFORMATION FOR 5M1143</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				0.25 mm u/s shaft	1.223"/31.05mm	+0.004"/0.10mm			
				0.50 mm u/s shaft	1.226"/31.13mm	+0.007"/0.18mm			
				0.75 mm u/s shaft	1.229"/31.21mm	+0.010"/0.25mm			
				1.00 mm u/s shaft	1.232"/31.29mm	+0.013"/0.34mm			
<b>Balance Shaft - repair bushing. Single piece +.173" OD. Line bore housing to 1.985"/1.986".</b>									
	43.009/1.6933 43.025/1.6939	50.419/1.9850 50.444/1.9860	3.680/0.1450	.025/.0010 .089/.0035	20.24/0.797	F23	1	8288 OOD	<b>1BS8288</b> Std.
<b>Balance Shaft - grooved number 2 &amp; 3 position bearings.</b>									
2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288	<b>3BS8288</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	
<b>Balance Shaft - ungrooved number 2 &amp; 3 position bearings.</b>									
2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8369	<b>3BS8369</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**7 (Cont'd.)**

<b>5SC761</b> Std.	<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).</b>								
	1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L

**8 ENGINE**

VIN	CYL	Bore x Stroke	TORQUE SETTINGS						
122 1995cc (2.0) Mits 4G63/G63B	D L4	85mm x 88mm	Connecting Rod 23-25 ft.lbs/31-34 Nm						
122 1997cc (2.0) Mits 4G63/G63B	D L4	85mm x 88mm	Main Bearing 36-40 ft.lbs/49-54 Nm						
122 1997cc (2.0) Mits 4G63 DOHC	R L4	85mm x 88mm							
122 1997cc (2.0) Mits 4G63/G63B	V L4	85mm x 88mm							

<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
<b>5M1144</b> Std. .25 .50 .75 1.0	<b>Main - half groove.</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M1147</b> Std. .25 .50 .75 1.0	<b>Main - full groove.</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>3BS8387</b> Std.	<b>Balance Shaft - for all engines from 1984-7/85.</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388
<b>3BS8389</b> Std. .25 .50	<b>Balance Shaft - for all engines from 8/85 on.</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
	RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

**9 ENGINE**

VIN	CYL	Bore x Stroke	TORQUE SETTINGS						
122 1996cc (2.0) 16V SOHC	C L4	87.5mm x 83mm	Connecting Rod 20 ft.lbs + 90 deg						
122 1996cc (2.0) 16V SOHC	F L4	87.5mm x 83mm	Main Bearing 22 ft.lbs M8 bolts with bedplate						
122 1996cc (2.0) 16V DOHC	Y L4	87.5mm x 83mm	Main Bearing 30 ft.lbs + 90 deg M10 bolts only						
122 1996cc (2.0) 16V SOHC (ECB)	C L4	87.5mm x 83mm	Main Bearing 40 ft.lbs M10 bolts with bedplate						
122 1996cc (2.0) 16V DOHC (ECC)	Y L4	87.5mm x 83mm	Main Bearing 60 ft.lbs M11 bolts only						
122 1996cc (2.0) 16V DOHC (ECF)	Y L4	87.5mm x 83mm							

<b>4B1635P</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.991/1.8894 48.006/1.8900	50.991/2.0075 51.006/2.0081	1.490/0.0587	.005/.0002 .061/.0024	20.50/0.807	F780	8	7171 IH
<b>4B1635PO/S2</b> Std. .25 .50 .75	<b>Rod - .002" oversize OD version of 4B1635P.</b>								
		47.991/1.8894 48.006/1.8900	51.041/2.0095 51.056/2.0101	1.640/0.0646 (@ .25 mm u/s)	.005/.0002 .061/.0024	20.50/0.807	F780	8	9091 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 9**
**Main - suits engines from 1996 on.**

1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	8	4342 U/L
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	26.26/1.034	F780	2	4343 U/L

*Overflange length remains constant for standard and undersizes.*
**Main - .002" oversize OD version of 5M2028P.**

1,2,4,5	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	19.96/0.786	F780	8	9093 U/L
3 (FI)	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	26.26/1.034	F780	2	9094 U/L

*Overflange length remains constant for standard and undersizes.*
**Main - 1995 engines only (opposite tang position in lower half).**

1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	4	4372 L
1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	19.96/0.786	F780	4	4342 U
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4373 L
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4343 U

**Cam - SOHC Engines only.**

1	41.123/1.6190 41.145/1.6199	43.269/1.7035 (Nominal)	1.026/0.0404		20.70/0.815	F23	1	PDA-3-1
2	41.504/1.6340 41.529/1.6350	43.675/1.7195 (Nominal)	1.031/0.0406		19.68/0.775	F23	1	PDA-3-2
3	41.910/1.6500 41.935/1.6510	44.056/1.7345 (Nominal)	1.021/0.0402		19.68/0.775	F23	1	PDA-3-3
4	42.316/1.6660 42.367/1.6680	44.463/1.7505 (Nominal)	1.026/0.0404		19.68/0.775	F23	1	PDA-3-4
5	42.723/1.6820 42.746/1.6829	44.869/1.7665 (Nominal)	1.026/0.0404		18.92/0.745	F23	1	PDA-3-5

**5M2028P**  
Std. .25 .50 .75

**5M2028PO/S2**  
.25 .50 .75

**5M4372P**  
Std. .25 .50 .75

**5C1004S**  
Std.

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

135 (2.2)	8	L4	87.5mm x 92mm	Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn Main Bearing 30 ft.lbs/41 Nm + 1/4 turn
135 (2.2) Turbo	A	L4	87.5mm x 92mm	
135 (2.2)	B	L4	87.5mm x 92mm	
135 (2.2)	C	L4	87.5mm x 92mm	
135 (2.2) Turbo	C	L4	87.5mm x 92mm	
135 (2.2)	D	L4	87.5mm x 92mm	
135 (2.2) Turbo	E	L4	87.5mm x 92mm	
153 2507cc (2.5)	G	L4	87.5mm x 108mm	
153 2507cc (2.5) Turbo	J	L4	87.5mm x 108mm	
153 2507cc (2.5)	K	L4	87.5mm x 108mm	

**10**
**Rod**

49.980/1.9677 50.005/1.9687	52.989/2.0862 53.007/2.0869	1.483/0.0584	.018/.0007 .087/.0034	20.04/0.789	F780	8	4360 IH
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**4B1269P**  
Std. 10 20 30 40

**Main - All engines**

1,2,4,5	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	21.46/0.845	F780	8	4358 IH
3 (FI)	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	27.86/1.097	F780	2	4359 IH

*Overflange length remains constant for standard and undersizes.*
**5M1533P**  
Std. 10 20 30 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>10 (Cont'd.)</b>									
<b>5M4369P</b> 10 20 30 40	<b>Main - optional set to 5M1533P with +0.010" overflange length increase. *See below for dimensional information.</b>								
	1,2,4,5	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	21.46/0.845	F780	8	4358 IH
	3 (FI)	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	28.12/1.107	F780	2	4369 IH
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M4369P</b>									
		Overall Width (Nominal)			Increase in Width				
		.010" u/s shaft			1.107" +0.010"				
		.020" u/s shaft			1.107" +0.010"				
		.030" u/s shaft			1.107" +0.010"				
		.040" u/s shaft			1.107" +0.010"				
<b>2BS1403S</b> Semi	<b>Balance Shaft - 2.5L engines only (semi-finished)</b>								
		42.012/1.6540 (Nominal)	45.350/1.7854 45.410/1.7878	2.032/0.0800 (Semi)		22.10/0.870	F23	2	PDG-29-1
<b>2C026S</b> Std.	<b>Balance Shaft - 2.2L engines only.</b>								
	1	42.670/1.6799 42.695/1.6809	45.970/1.8098 46.030/1.8122	1.633/0.0643		19.05/0.750	F23	1	PDG-26-1
	2	19.670/0.7744 19.693/0.7753	22.970/0.9043 23.030/0.9067	1.633/0.0643		21.08/0.830	F23	1	PDG-26-2

<b>11 ENGINE</b>	VIN	CYL	Bore x Stroke	<b>TORQUE SETTINGS</b>					
<b>143 2346cc (2.3) Mits 4D55 Turbo Diesel</b>				<b>Connecting Rod 33-34 ft.lbs/45-47 Nm</b>					
<b>143 2346cc (2.3) Mits 4D55 Turbo Diesel</b>	<b>9</b>	<b>L4</b>	<b>91.1mm x 90mm</b>	<b>Main Bearing 55-61 ft.lbs/75-83 Nm</b>					
	<b>J</b>	<b>L4</b>	<b>91.1mm x 90mm</b>						

<b>4B1136</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH
<b>5M1137</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	25.13/0.989	F780	8	1137 U/L
	3 (FI)	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	30.95/1.219	F780	2	1138 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>3BS8288</b> Std. .25	<b>Balance Shaft</b>								
	2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288
	1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289
<b>RB4091</b> Semi	<b>Small End - Not bored - single pieces.</b>								
		29.000/1.1417	32.000/1.2598			31.90/1.256	F100	1	RB4091

<b>12 ENGINE</b>	VIN	CYL	Bore x Stroke	<b>TORQUE SETTINGS</b>					
<b>2351cc (2.4) Mits 4G64</b>	<b>G</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b>					
<b>2351cc (2.4) Mits 4G64</b>	<b>W</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b>					

<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod - For engines to 5/92 only.</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
<b>4B1185</b> Std. .25 .50 .75 1.0	<b>Rod - For engines from 6/92 on.</b>								
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **12**

**Main - for engines to 5/92 only.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1153A L
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1154A IH

Overflange length remains constant for standard and undersizes.

**Main - for engines from 6/92 on.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	25.40/1.000	F810	2	1187A IH

Overflange length remains constant for standard and undersizes.

**Main - Alt set to 5M1186 with +0.010" overflange length increase. \* See dimensional information below.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	25.65/1.010	F810	2	1213A IH

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M1213**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.50 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.75 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
1.00 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm

**Balance Shaft**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

**3BS8389**  
Std. .25 .50

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

**148 2429cc (2.4) DOHC**  
**148 2429cc (2.4) DOHC**  
**148 2429cc (2.4) DOHC (EDZ)**

**B L4 87.5mm x 101mm**  
**X L4 87.5mm x 101mm**  
**X L4 87.5mm x 101mm**

**Connecting Rod 21 ft.lbs/28 Nm + 90 deg turn**  
**Main Bearing 25 ft.lbs/34 Nm (M8 Bedplate Bolts)**  
**Main Bearing 30 ft.lbs/41 Nm + 90 deg turn (M11 Main Cap Bolts)**

**13**

**Rod**

	50.007/1.9688 50.025/1.9695	52.995/2.0864 53.007/2.0869	1.483/0.0584	.004/.0002 .060/.0024	20.13/0.793	F780	8	4565 IH
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**4B4565P**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 4B4565P.**

	50.007/1.9688 50.025/1.9695	53.045/2.0884 53.057/2.0889	1.633/0.0643 (@ 0.25 mm u/s)	.004/.0002 .060/.0024	20.13/0.793	F780	8	9096 IH
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**4B4565PO/S2**  
.25 .50 .75 1.0

**Main**

1,2,4,5	59.992/2.3619 60.007/2.3625	64.000/2.5197 64.013/2.5202	1.984/0.0781	.018/.0007 .058/.0023	21.62/0.851	F780	8	7312 IH
3 (FI)	59.992/2.3619 60.007/2.3625	64.000/2.5197 64.013/2.5202	1.984/0.0781	.017/.0007 .058/.0023	27.86/1.097	F780	2	7313 U/L

Overflange length remains constant for standard and undersizes.

**Main - .002" oversize OD version of 5M7313P.**

1,2,4,5	50.992/2.0076 60.007/2.3625	64.051/2.5217 64.063/2.5222	2.134/0.0840 (@ 0.25mm u/s)	.018/.0007 .058/.0023	21.62/0.851	F780	8	9097 IH
3 (FI)	59.992/2.3619 60.007/2.3625	64.051/2.5217 64.063/2.5222	2.134/0.0840 (@ 0.25mm u/s)	.017/.0007 .058/.0023	27.86/1.097	F780	2	9098 U/L

Overflange length remains constant for standard and undersizes.

**5M7313P**  
Std. .25 .50 .75

**5M7313PO/S2**  
.25 .50 .75

# DODGE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>14 ENGINE</b>									
<b>153 2507cc (2.5) AMC Eng.</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
		<b>P</b>	<b>L4</b>	<b>3.88 x 3.19</b>		<b>Connecting Rod 33 ft.lbs/45 Nm</b>			
						<b>Main Bearing 80 ft.lbs/108 Nm</b>			
<b>4B960P</b> Std. 01 10 20 30 40 50	<b>Rod</b>	53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/0.0561	.017/.0006 .074/.0029	21.26/0.837	F780	8	1480 IH
	<b>Main</b>								
<b>5M1948P</b> Std. 10 20 30	1,3,4,5	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	4	8874 U
	1,3,4,5	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0009 .091/.0036	25.04/0.986	F780	4	8872 L
	2 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0009 .091/.0036	32.26/1.270	F780	1	8875 U
	2 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0009 .091/.0036	32.26/1.270	F780	1	8873 L
	<i>Overflange length remains constant for standards and undersizes.</i>								
<b>4C549S</b> Std.	<b>Cam</b>								
	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		17.65/0.695	F23	1	N-7-1
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.580/0.0620		17.65/0.695	F23	1	N-7-2
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.580/0.0620		17.65/0.695	F23	1	N-7-3
	4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		17.65/0.695	F23	1	N-7-4
<b>15 ENGINE</b>									
<b>152 2497cc (2.5) Mits 6G73</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
<b>152 2497cc (2.5) Mits 6G73</b>		<b>N</b>	<b>V6</b>	<b>83.5mm x 76mm</b>		<b>Connecting Rod 38 ft.lbs/52 Nm</b>			
<b>152 2497cc (2.5) Mits 6G73 (EEB)</b>		<b>H</b>	<b>V6</b>	<b>83.5mm x 76mm</b>		<b>Main Bearings 60 ft.lbs/81 Nm</b>			
<b>152 2497cc (2.5) Mits 6G73 (EEB)</b>		<b>N</b>	<b>V6</b>	<b>83.5mm x 76mm</b>					
<b>6B1140</b> Std. .25 .50 .75 1.0	<b>Rod</b>	49.972/1.9674 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.493/0.0588	.015/.0006 .089/.0035	15.50/0.610	F810	12	1140A IH
	<b>Main</b>								
<b>4M1149</b> Std. .25 .50 .75 1.0	1-4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/0.0783	.020/.0008 .086/.0034	18.13/0.714	F810	8	1149A U/L
	<b>Thrust</b>								
<b>2T1149</b> Std.	3	66.000/2.5984 66.250/2.6083	77.450/3.0492 77.700/3.0590			1.98/0.078	F817	4	1149T U/L
	<i>Note: Set includes 4 pieces, use on No. 3 position. Required with 4M1149 main set.</i>								



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>16</b>
2555cc (2.6) Mits G54B (SOHC)			7	L4	91.1mm x 98mm	Connecting Rod 32-35 ft.lbs/44-47 Nm Main Bearing 55-61 ft.lbs/74-83 Nm				
156 2555cc (2.6) Mits G54B (SOHC)			7	L4	91.1mm x 98mm					
156 2555cc (2.6) Mits G54B (SOHC)			D	L4	91.1mm x 98mm					
156 2555cc (2.6) Mits G54B (SOHC)			E	L4	91.1mm x 98mm					
156 2555cc (2.6) Mits G54B (SOHC)			F	L4	91.1mm x 98mm					
156 2555cc (2.6) Mits G54B (SOHC)			G	L4	91.1mm x 98mm					
156 2555cc (2.6) Mits G54B (SOHC) Turbo			H	L4	91.1mm x 98mm					
156 2555cc (2.6) Mits G54B (SOHC) Turbo			N	L4	91.1mm x 98mm					
156 2555cc (2.6) Mits G54B (SOHC)			W	L4	91.1mm x 98mm					

**Rod**

	52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH	<b>4B1136</b> Std. .25 .50 .75 1.0
<b>Main - for engines 8/78 on with 60mm/2.3622" main journal diameter only.</b>									
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	<b>5M1139</b> Std. .25 .50 .75 1.0
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	30.95/1.219	F820	2	1135AL IH	

Overflange length remains constant for standard and undersizes.

**Main - optional set to 5M1139 with overflange width increases for undersizes. \*See below for dimensional information.**

1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	<b>5M1143</b> .25 .50 .75 1.0
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	(See Table)	F820	2	1143AL IH	

**\* DIMENSIONAL INFORMATION FOR 5M1143**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.223"/31.05mm	+0.004"/0.10mm
0.50 mm u/s shaft	1.226"/31.13mm	+0.007"/0.18mm
0.75 mm u/s shaft	1.229"/31.21mm	+0.010"/0.25mm
1.00 mm u/s shaft	1.232"/31.29mm	+0.013"/0.34mm

**Balance Shaft - repair bushing. Single piece +.173" OD. Line bore housing to 1.985"-1.986".**

	43.009/1.6933 43.025/1.6939	50.419/1.9850 50.444/1.9860	3.680/0.1450	.025/.0010 .089/.0035	20.24/0.797	F23	1	8288 OOD	<b>1BS8288</b> Std.
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**Balance Shaft - with grooved #2 & #3 position bearings.**

2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288	<b>3BS8288</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	

**Balance Shaft - without grooved #2 & #3 position bearings.**

2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8369	<b>3BS8369</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**16 (Cont'd.)**

<b>5SC761</b> Std.	<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).</b>								
	1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L

**17 ENGINE**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
167 2700cc (2.7)	R	V6	86.002 x 78.511	Connecting Rod 45 ft.lbs + 90 deg
167 2700cc (2.7)	T	V6	86.002 x 78.511	Main Bearing 15 ft.lbs + 90 deg Inner
167 2700cc (2.7)	U	V6	86.002 x 78.511	Main Bearing 20 ft.lbs 90 deg Outer
167 2700cc (2.7) (EER)	R	V6	86.002 x 78.511	

<b>6B7170A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
		53.492/2.1060 53.510/2.1067	56.493/2.2241 56.507/2.2247	1.487/0.0585	.009/.0004 .067/.0026	17.38/0.684	F810	12	7170A IH
<b>6B7170AO/S2</b> .25 .50 .75 1.0	<b>Rod - .002" oversize OD version of 6B7170A.</b>								
		53.492/2.1060 53.510/2.1067	56.543/2.2261 56.557/2.2266	1.637/0.0644 (@ 0.25mm u/s)	.009/.0004 .067/.0026	17.38/0.684	F810	12	9101A IH
<b>6B7170P</b> Std. .25 .50 .75 1.0	<b>Rod - to be superceded by 6B7170A when stock exhausted.</b>								
		53.492/2.1060 53.510/2.1067	56.493/2.2241 56.507/2.2247	1.487/0.0585	.009/.0004 .067/.0026	17.38/0.684	F780	12	7170 IH
<b>6B7170PO/S2</b> .25 .50 .75 1.0	<b>Rod - .002" oversize OD version of 6B7170P (to be superceded by 6B7170AO/S2 when stock exhausted)</b>								
		53.492/2.1060 53.510/2.1067	56.543/2.2261 56.557/2.2266	1.637/0.0644 (@ 0.25mm u/s)	.009/.0004 .067/.0026	17.38/0.684	F780	12	9101 IH
<b>4M7172P</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-4	63.492/2.4997 63.510/2.5004	68.993/2.7163 69.010/2.7169	2.740/0.1079	.003/.0001 .064/.0025	18.70/0.736	F780	8	7172 U/L
<b>1T7172</b> Std. +.25	<b>Thrust</b>								
		71.100/2.7992 71.350/2.8090 (ID)	90.190/3.5508 90.440/3.5606 (OD)			2.06/0.081	F817	2	7172T U

**18 ENGINE**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
170 (2.8)		L6	3.40 x 3.13	Connecting Rod 45 ft.lbs/61 Nm
170 (2.8)	6	L6	3.40 x 3.13	Main Bearing 85 ft.lbs/115 Nm
170 (2.8)	A	L6	3.40 x 3.13	
198 (3.2)	A	L6	3.40 x 3.64	
198 (3.2)	B	L6	3.40 x 3.64	
225 3687cc (3.7) Forged Crankshaft		L6	3.40 x 4.13	
225 3687cc (3.7) Forged Crankshaft	6	L6	3.40 x 4.13	
225 3687cc (3.7) Forged Crankshaft	B	L6	3.40 x 4.13	
225 3687cc (3.7) Forged Crankshaft	C	L6	3.40 x 4.13	
225 3687cc (3.7) Forged Crankshaft	X	L6	3.40 x 4.13	

<b>6B606AL</b> Std. 10 20 30 40	<b>Rod</b>								
		55.537/2.1865 55.563/2.1875	58.737/2.3125 58.750/2.3130	1.578/0.0621	.018/.0007 .073/.0029	25.14/0.990	F820	12	4601AL IH
<b>4M517AL</b> Std. 10 20 30 40	<b>Main</b>								
	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.428/0.0956	.021/.0008 .075/.0030	26.39/1.039	F820	6	4602AL U/L
	3 (FI)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.432/0.0957	.016/.0006 .067/.0026	31.88/1.255	F820	2	4605AL U/L

*Overflange length remains constant for standard and undersizes.*

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 18**
**Cam**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		23.49/0.925	F23	1	PD-18-1
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.18/0.755	F23	1	PD-13-3
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-13-4

**4C874S  
Std.**
**Small End - semi finished - single pieces.**

	25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y
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**RB2134Y  
Semi**
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

181 2972cc (3.0) Mits 6G72 SOHC	3	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 DOHC	B	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 DOHC Turbo	C	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 DOHC	H	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 SOHC	H	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 DOHC	J	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 DOHC Turbo	K	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 DOHC	S	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 SOHC	S	V6	91.2mm x 76mm
181 2972cc (3.0) Mits 6G72 SOHC	U	V6	91.2mm x 76mm

**Connecting Rod 38 ft.lbs/52 Nm  
Main Bearing 60 ft.lbs/81 Nm**
**19**
**Rod**

	49.972/1.9674 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.493/0.0588	.015/.0006 .089/.0035	15.50/0.610	F810	12	1140A IH
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**6B1140  
Std. .25 .50 .75 1.0**
**Main**

1-4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/0.0783	.020/.0008 .086/.0034	18.13/0.714	F810	8	1149A U/L
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**4M1149  
Std. .25 .50 .75 1.0**
**Thrust**

3	66.000/2.5984 66.250/2.6083	77.450/3.0492 77.700/3.0590			1.98/0.078	F817	4	1149T U/L
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**2T1149  
Std.**
*Note: Thrust set includes 4 pieces, use on No. 3 position. Required with 4M1149 main set.*
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

197 3200cc (3.2) SOHC (EGW)	J	V6	92mm x 81mm
215 3497cc (3.5) SOHC (Aluminum Block)	G	V6	96.01mm x 81mm
215 3497cc (3.5) SOHC (Aluminum Block)	M	V6	96.01mm x 81mm
215 3497cc (3.5) SOHC (Aluminum Block)	V	V6	96.01mm x 81mm

**Connecting Rod 40 ft.lbs + 90 deg  
Main Bearing 15 ft.lbs + 90 deg Inner (3.2L engines)  
Main Bearing 20 ft.lbs + 90 deg Outer (3.2L engines)  
Main Bearing 15 ft.lbs + 90 deg 3.5L engines  
Main Bearing 20 ft.lbs + 90 deg 3.5L engines (Tray)  
Main Bearing 21 ft.lbs 3.5L engines (Side Bolts)**
**20**
**Rod - High Strength Aluminum Silicon material (supercedes 6B1410P).**

	57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH
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**6B1410A  
Std. .25 .50 .75 1.0**
**Main**

1-4	63.988/2.5192 64.013/2.5202	68.989/2.7161 69.009/2.7169	2.485/0.0978	.018/.0007 .056/.0022	17.58/0.692	F780	12	7182 U/L
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**4M7182P  
Std. .25 .50 .75 1.0**
**Thrust**

	71.100/2.7992 71.350/2.8090 (ID)	90.190/3.5508 90.440/3.5606 (OD)			2.06/0.081	F817	2	7172T U
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**1T7172  
Std. +.25**
*Note: Thrust set includes 2 pieces, use on No. 2 position. Required with 4M7182P main set.*

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>21 ENGINE</b>			<b>VIN CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
201 (3.3) OHV			3 V6	93mm x 81mm	Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn				
201 (3.3) OHV			G V6	93mm x 81mm	Main Bearing 30 ft.lbs/41 Nm + 1/4 turn				
201 (3.3) OHV			J V6	93mm x 81mm					
201 (3.3) OHV			R V6	93mm x 81mm					
201 (3.3) OHV			S V6	93mm x 81mm					
201 (3.3) OHV			T V6	93mm x 81mm					
201 (3.3) OHV			U V6	93mm x 81mm					
201 (3.3) OHV (EGM)			G V6	93mm x 81mm					
230 (3.8) OHV			L V6	96mm x 87mm					

<b>6B1410A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material (supercedes 6B1410P).</b>								
		57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH
<b>4M1958P</b> .25 .50 .75 1.0	<b>Main - Alt set to 4M1946P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	1948 U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.13/0.950	F780	2	1958 U/L
	<i>to be discontinued when stock exhausted.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 4M1958P</b>								
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
		0.25 mm u/s shaft			0.950" +0.010"				
		0.50 mm u/s shaft			0.950" +0.010"				
		0.75 mm u/s shaft			0.950" +0.010"				
		1.00 mm u/s shaft			0.950" +0.010"				
<b>4M7278A</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F810	6	1948A U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	23.88/0.940	F810	2	7278A U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>4C1405BS</b> Std.	<b>Cam - supercedes 4C1405S. Set has OD groove on #2 &amp; #3 position bearings.</b>								
	1	50.724/1.9970 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.643/0.0647		23.75/0.935	F23	1	PD-28-1
	2	50.292/1.9800 50.343/1.9820	53.683/2.1135 53.708/2.1145	1.659/0.0653		15.62/0.615	F23	1	PD-28-2B
	3	49.911/1.9650 49.962/1.9670	53.302/2.0985 53.327/2.0995	1.659/0.0653		15.62/0.615	F23	1	PD-28-3B
	4	49.530/1.9500 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.643/0.0647		15.62/0.615	F23	1	PD-28-4

<b>22 ENGINE</b>			<b>VIN CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
215 3497cc (3.5) SOHC (Cast Iron Block)			F V6	96mm x 81mm	Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn				
					Main Bearing 30 ft.lbs/41 Nm + 1/4 turn				
<b>6B1410A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material (supercedes 6B1410P).</b>								
		57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH
<b>4M2010P</b> Std. .25 .50 .75	<b>Main</b>								
	1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	MB3340P U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	28.70/1.130	F780	2	MB3471P U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>23</b>
<b>225 3687cc (3.7) Cast Crankshaft</b>			<b>B</b>	<b>L6</b>	<b>3.40 x 4.13</b>	<b>TORQUE SETTINGS</b>			
<b>225 3687cc (3.7) Cast Crankshaft</b>			<b>C</b>	<b>L6</b>	<b>3.40 x 4.13</b>	<b>Connecting Rod 45 ft.lbs/61 Nm</b>			
<b>225 3687cc (3.7) Cast Crankshaft</b>			<b>D</b>	<b>L6</b>	<b>3.40 x 4.13</b>	<b>Main Bearing 85 ft.lbs/115 Nm</b>			
<b>225 3687cc (3.7) Cast Crankshaft</b>			<b>E</b>	<b>L6</b>	<b>3.40 x 4.13</b>				
<b>225 3687cc (3.7) Cast Crankshaft</b>			<b>F</b>	<b>L6</b>	<b>3.40 x 4.13</b>				
<b>225 3687cc (3.7) Cast Crankshaft</b>			<b>H</b>	<b>L6</b>	<b>3.40 x 4.13</b>				
<b>225 3687cc (3.7) Cast Crankshaft</b>			<b>N</b>	<b>L6</b>	<b>3.40 x 4.13</b>				

**Rod**

55.537/2.1865	58.738/2.3125	1.584/0.0624	.018/.0007	18.29/0.720	F780	12	1214 IH
55.563/2.1875	58.750/2.3130		.071/.0028				

**6B1214AL**  
Std. 10 20 30 40

**Main**

1,2,4	69.837/2.7495	74.740/2.9425	2.435/0.0959	.013/.0005	22.44/0.883	F780	6	2724 U/L
	69.863/2.7505	74.752/2.9430		.066/.0026				
3 (FI)	69.837/2.7495	74.740/2.9425	2.435/0.0959	.013/.0005	28.14/1.108	F780	2	2725 U/L
	69.863/2.7505	74.752/2.9430		.066/.0026				

**4M1419AL**  
Std. 10 20 30 40

*Overflange length remains constant for standards and undersizes.*
**Main - Alt set to 4M1419AL with +0.010" overflange length increase. \* See below for dimensional information.**

3 (FI)	69.837/2.7495	74.740/2.9425	2.435/0.0959	.013/.0005	28.39/1.118	F780	2	2723 U/L
	69.863/2.7505	74.752/2.9430		.066/.0026				
1,2,4	69.837/2.7495	74.740/2.9425	2.435/0.0959	.013/.0005	22.44/0.883	F780	6	2724 U/L
	69.863/2.7505	74.752/2.9430		.066/.0026				

**4M2723P**  
40

*to be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M2723P**

	Overall Width (Nominal)	Increase in Width
.040" u/s shaft	1.118"	+0.010"

**Cam - engines from 1979-1987.**

1	50.750/1.9980	54.090/2.1295	1.625/0.0640	19.94/0.785	F23	1	PD-21-1
	50.775/1.9990	54.115/2.1305					
2	50.343/1.9820	53.683/2.1135	1.625/0.0640	16.00/0.630	F23	1	PD-21-2
	50.368/1.9830	53.708/2.1145					
3	49.962/1.9670	53.302/2.0985	1.625/0.0640	16.00/0.630	F23	1	PD-21-3
	49.987/1.9680	53.327/2.0995					
4	49.555/1.9510	52.895/2.0825	1.638/0.0645	19.18/0.755	F23	1	PD-13-4
	49.581/1.9520	52.921/2.0835					

**4C1115S**  
Std.

**Cam - engines from 1976-1978.**

1	50.750/1.9980	54.090/2.1295	1.638/0.0645	23.49/0.925	F23	1	PD-18-1
	50.775/1.9990	54.115/2.1305					
2	50.343/1.9820	53.683/2.1135	1.638/0.0645	19.18/0.755	F23	1	PD-12-2
	50.368/1.9830	53.708/2.1145					
3	49.962/1.9670	53.302/2.0985	1.638/0.0645	19.18/0.755	F23	1	PD-13-3
	49.987/1.9680	53.327/2.0995					
4	49.555/1.9510	52.895/2.0825	1.638/0.0645	19.18/0.755	F23	1	PD-13-4
	49.581/1.9520	52.921/2.0835					

**4C874S**  
Std.

**Small End - semi finished - single pieces.**

25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)	30.48/1.200	F100	1	2134Y
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**RB2134Y**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>225 (3.7)</b>	<b>K</b>	<b>V6</b>	<b>93mm x 90.8mm</b>	<b>Connecting Rod 20 ft.lbs + 90 deg</b>
<b>226 (3.7)</b>	<b>K</b>	<b>V6</b>	<b>93mm x 90.8mm</b>	

**24**
**Rod - High Strength Aluminum Silicon material.**

57.897/2.2794	61.194/2.4092	1.641/0.0646	.008/.0003	16.64/0.655	F810	12	7200A IH
57.904/2.2797	61.206/2.4097		.043/.0017				

**6B7200A**  
Std. .25 .50

**Rod - .002" oversize OD version of 6B7200A.**

57.897/2.2794	61.244/2.4112	1.791/0.0705	.008/.0003	16.64/0.655	F810	12	9106A IH
57.904/2.2797	61.256/2.4116	(@ 0.25mm u/size)	.043/.0017				

**6B7200AO/S2**  
.25 .50 .75 1.0

**Main - High Strength Aluminum Silicon material.**

1-4	63.495/2.4998	68.395/2.6927	2.443/0.0962	.004/.0002	20.63/0.812	F810	8	7214A U/L
	63.505/2.5002	68.405/2.6931		.040/.0016				

**4M7214A**  
Std. .25 .50 .75 1.0

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>24 (Cont'd.)</b>									
1T7214 Std.	<b>Thrust</b>								
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7214T
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7215T
<i>Set includes 2 pieces, use on No.3 position. Required with 4M7214A main set.</i>									
<b>25 ENGINE</b>									
<b>239 (3.9) OHV</b>		<b>VIN M</b>		<b>CYL V6</b>	<b>Bore x Stroke 3.906 x 3.313</b>	<b>TORQUE SETTINGS</b>			
<b>239 (3.9) OHV</b>		<b>X</b>		<b>V6</b>	<b>3.906 x 3.313</b>	<b>Connecting Rod 45 ft.lbs/61 Nm</b>			
						<b>Main Bearing 85 ft.lbs/115 Nm</b>			
6B1387P Std. 10 20 30 40	<b>Rod</b>								
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.168/2.2507	1.584/0.0624	.013/.0005 .056/.0022	18.67/0.735	F780	12	1387 IH
4M1701P Std. 10 20 30	<b>Main</b>								
	1,2	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	4	4352 IH
	3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	2	2703 IH
	4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
4C1114S Std.	<b>Cam</b>								
	1	50.749/1.9980 50.775/1.9990	54.077/2.1290 54.127/2.1310	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
	2	49.962/1.9670 49.987/1.9680	53.670/2.1130 53.721/2.1150	1.638/0.0645		16.00/0.630	F23	1	PD-25-2
	3	49.555/1.9510 49.581/1.9520	53.289/2.0980 53.340/2.1000	1.638/0.0645		15.75/0.620	F23	1	PD-25-3
	4	39.637/1.5605 39.662/1.5615	42.964/1.6915 43.014/1.6935	1.638/0.0645		24.00/0.945	F23	1	PD-9-5
<b>26 ENGINE</b>									
<b>285 (4.7)</b>		<b>VIN J</b>		<b>CYL V8</b>	<b>Bore x Stroke 93mm x 86.36mm</b>	<b>TORQUE SETTINGS</b>			
<b>285 (4.7)</b>		<b>N</b>		<b>V8</b>	<b>93mm x 86.36mm</b>	<b>Connecting Rod 20 ft.lbs + 90 deg</b>			
<b>287 (4.7)</b>		<b>N</b>		<b>V8</b>	<b>93mm x 86.36mm</b>	<b>Main Bearing 25 in.lbs + 90 deg Inner</b>			
						<b>Main Bearing 40 ft.lbs Outer</b>			
8B7206A Std. .25 .50 .75	<b>Rod - for engines 2004 on without locating tang.</b>								
		50.996/2.0077 51.003/2.0080	53.992/2.1257 54.005/2.1262	1.491/0.0587	.013/.0005 .043/.0017	16.64/0.655	F810	16	7206A IH
8B7206AO/S2 .25 .50 .75	<b>Rod -.002" oversize OD version of 8B7206A.</b>								
		50.996/2.0077 51.003/2.0080	53.992/2.1257 54.005/2.1262	1.641/0.0646 (@ 0.25mm u/size)	.013/.0005 .043/.0017	16.64/0.655	F810	16	9116A IH
8B7210A Std. .25 .50 .75 1.0	<b>Rod - for engines 1999-2004 with locating tang.</b>								
		50.996/2.0077 51.003/2.0080	53.992/2.1257 54.005/2.1262	1.491/0.0587	.013/.0005 .043/.0017	16.64/0.655	F810	16	7210A IH
8B7210AO/S2 .25 .50 .75 1.0	<b>Rod -.002" oversize OD version of 8B7210A.</b>								
		50.996/2.0077 51.003/2.0080	54.042/2.1276 54.055/2.1281	1.641/0.0646 (@ 0.25mm u/size)	.013/.0005 .043/.0017	16.64/0.655	F810	16	9092A IH
5M7214A Std. .25 .50 .75 1.0	<b>Main - High Strength Aluminum Silicon material.</b>								
	1-5	63.495/2.4998 63.505/2.5002	68.395/2.6927 68.405/2.6931	2.443/0.0962	.004/.0002 .040/.0016	20.63/0.812	F810	10	7214A U/L
1T7214 Std.	<b>Thrust</b>								
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7214T
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7215T
<i>Set includes 2 pieces, use on No.3 position. Required with 5M7214A main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>27</b>
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
<b>273 (4.5)</b>				<b>V8</b>	<b>3.63 x 3.31</b>	<b>Connecting Rod 45-50 ft.lbs/61-68 Nm</b>			
<b>273 (4.5)</b>			<b>D</b>	<b>V8</b>	<b>3.63 x 3.31</b>	<b>Main Bearing 80-85 ft.lbs/108-115 Nm</b>			
<b>318 (5.2)</b>				<b>V8</b>	<b>3.91 x 3.31</b>				
<b>318 (5.2)</b>			<b>8</b>	<b>V8</b>	<b>3.91 x 3.31</b>				
<b>318 (5.2)</b>			<b>E</b>	<b>V8</b>	<b>3.91 x 3.31</b>				
<b>318 (5.2)</b>			<b>F</b>	<b>V8</b>	<b>3.91 x 3.31</b>				
<b>318 (5.2)</b>			<b>G</b>	<b>V8</b>	<b>3.91 x 3.31</b>				
<b>326 (5.3)</b>				<b>V8</b>	<b>3.95 x 3.31</b>				
<b>Rod</b>									
	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH	<b>8B481P</b> Std. 01 10 20 30 40
<b>Rod - .002" oversize OD version of 8B481P.</b>									
	53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH	<b>8B481PO/S2</b> 10 20 30 40
<b>Main - Alt set to 5M540P with +0.010" overflange length increase. * See below for dimensional information.</b>									
1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L	<b>5M2036P</b> 20 30
3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	29.51/1.162	F780	2	4355 U/L	
5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L	
<i>to be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M2036P</b>									
					<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>	
					.020" u/s shaft			1.162"	+0.010"
					.030" u/s shaft			1.162"	+0.010"
<b>Main - flange O.D. 3.375"</b>									
1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L	<b>5M540P</b> Std. 10 20 30 40
3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	29.26/1.152	F780	2	4353 U/L	
5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Cam</b>									
1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1	<b>5C875S</b> Std.
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2	
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3	
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4	
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5	
<b>Small End - semi finished - single pieces.</b>									
	25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y	<b>RB2134Y</b> Semi

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>28 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
318 (5.2)			4	V8	3.91 x 3.31	<b>Connecting Rod 45-50 ft.lbs/61-68 Nm</b>			
318 (5.2)			E	V8	3.91 x 3.31	<b>Main Bearing 85-90 ft.lbs/115-122 Nm</b>			
318 (5.2)			G	V8	3.91 x 3.31				
318 (5.2)			H	V8	3.91 x 3.31				
318 (5.2)			K	V8	3.91 x 3.31				
318 (5.2)			L	V8	3.91 x 3.31				
318 (5.2)			M	V8	3.91 x 3.31				
318 (5.2)			N	V8	3.91 x 3.31				
318 (5.2)			P	V8	3.91 x 3.31				
318 (5.2)			R	V8	3.91 x 3.31				
318 (5.2)			S	V8	3.91 x 3.31				
318 (5.2)			T	V8	3.91 x 3.31				
318 (5.2)			T	V8	3.91 x 3.31				
318 (5.2)			U	V8	3.91 x 3.31				
318 (5.2)			Y	V8	3.91 x 3.31				
318 (5.2)			Z	V8	3.91 x 3.31				
<b>8B481P</b> Std. 01 10 20 30 40	<b>Rod</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH
<b>8B481PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B481P.</b>	53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH
<b>5M1344P</b> Std. 01 10 20 30 40	<b>Main - flange O.D. 3.530"</b>								
	1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L
	3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	2703 U
	3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	4357 L
	5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5C1112S</b> Std.	<b>Cam - engines from 1980 on.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		16.00/0.630	F23	1	PD-25-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		15.75/0.620	F23	1	PD-25-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		15.75/0.620	F23	1	PD-25-4
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5
<b>5C875S</b> Std.	<b>Cam - engines from 1974-1979.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5
<b>RB2134Y</b> Semi	<b>Small End</b>	25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>29</b>
340 (5.6)		H	V8	4.04 x 3.31	<b>Connecting Rod 45-50 ft.lbs/61-68 Nm</b>					
340 (5.6)		J	V8	4.04 x 3.31	<b>Main Bearing 80-85 ft.lbs/108-115 Nm</b>					
340 (5.6)		P	V8	4.04 x 3.31						

**Rod**

53.950/2.1240	57.150/2.2500	1.585/0.0624	.005/.0002	21.52/0.847	F780	16	2700	<b>8B481P</b> Std. 01 10 20 30 40
53.975/2.1250	57.163/2.2505		.069/.0027				IH	

**Rod - .002" oversize OD version of 8B481P.**

53.950/2.1240	57.201/2.2520	1.737/0.0684	.006/.0002	21.52/0.847	F780	16	9090	<b>8B481PO/S2</b> 10 20 30 40
53.975/2.1250	57.214/2.2525	(@ .010" u/s)	.070/.0028				IH	

**Main - flange O.D. 3.375"**

1,2,4	63.487/2.4995	68.389/2.6925	2.436/0.0959	.013/.0005	22.27/0.877	F780	6	MB2283P	<b>5M963P</b> Std. 10 20 30
	63.512/2.5005	68.402/2.6930		.076/.0030				U/L	
3 (FI)	63.487/2.4995	68.389/2.6925	2.436/0.0959	.013/.0005	29.26/1.152	F780	2	MB2036P	
	63.512/2.5005	68.402/2.6930		.065/.0026				U/L	
5	63.487/2.4995	68.389/2.6925	2.436/0.0959	.013/.0005	33.70/1.327	F780	2	MB2559P	
	63.512/2.5005	68.402/2.6930		.065/.0026				U/L	

Overflange length remains constant for standard and undersizes.

**Cam**

1	50.750/1.9980	54.090/2.1295	1.638/0.0645		22.35/0.880	F23	1	PD-16-1	<b>5C875S</b> Std.
	50.775/1.9990	54.115/2.1305							
2	50.343/1.9820	53.683/2.1135	1.638/0.0645		19.43/0.765	F23	1	PD-9-2	
	50.368/1.9830	53.708/2.1145							
3	49.962/1.9670	53.302/2.0985	1.638/0.0645		19.43/0.765	F23	1	PD-9-3	
	49.987/1.9680	53.327/2.0995							
4	49.555/1.9510	52.895/2.0825	1.638/0.0645		19.43/0.765	F23	1	PD-9-4	
	49.581/1.9520	52.921/2.0835							
5	39.637/1.5605	42.977/1.6920	1.638/0.0645		24.00/0.945	F23	1	PD-9-5	
	39.662/1.5615	43.002/1.6930							

**Small End**

25.009/0.9846	26.378/1.0385			30.48/1.200	F100	1	2134Y	<b>RB2134Y</b> Semi
(Finish ID Bore Size)	(Nominal)							

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>30</b>
345 (5.7) Hemi		D	V8	99.5mm x 90.9mm	<b>Connecting Rod 15 ft.lbs + 90 deg</b>					
345 (5.7) Hemi		H	V8	99.5mm x 90.9mm	<b>Main Bearing 20 ft.lbs + 90 deg M12 Bolts</b>					
345 (5.7) Hemi (EZB)		2	V8	99.5mm x 90.9mm	<b>Main Bearing 21 ft.lbs M8 Crossbolts</b>					

**Rod**

53.993/2.1257	57.206/2.2522	1.590/0.0626	.018/.0007	20.10/0.791	F810	16	7211A	<b>8B1808A</b> Std. .25 .50
54.008/2.1263	57.219/2.2527		.062/.0024				IH	

**Rod - .002" oversize OD version of 8B1808A.**

53.993/2.1257	57.257/2.2542	1.740/0.0685	.018/.0007	20.10/0.791	F810	16	9112A	<b>8B1808AO/S2</b> .25 .50 .75
54.008/2.1263	57.270/2.2547	(@0.25mm u/s)	.082/.0032				IH	

**Main**

1-5	64.996/2.5589	69.893/2.7517	2.439/0.0960	.010/.0004	21.60/0.850	F810	10	7216A	<b>5M2220A</b> Std. .25 .50
	65.004/2.5592	69.906/2.7522		.048/.0019				U/L	

**Thrust**

3	72.644/2.8600	93.370/3.6760	2.586/0.1018				2	MB3780W	<b>1T611S</b> Std.
	(ID)	(OD)						U	
	73.152/2.8800								

Set includes two pieces, use on No. 3 position. Required with 5M2220A main set.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>31 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
350 (5.7)				V8	4.06 x 3.38	Connecting Rod 45 ft.lbs/61 Nm			
361 (5.9)				V8	4.12 x 3.38	Main Bearing 85 ft.lbs/115 Nm			
383 (6.4)				V8	4.25 x 3.38				
383 (6.3)			8	V8	4.25 x 3.38				
383 (6.3)			G	V8	4.25 x 3.38				
383 (6.3)			H	V8	4.25 x 3.38				
383 (6.3)			J	V8	4.25 x 3.38				
383 (6.3)			L	V8	4.25 x 3.38				
383 (6.3)			N	V8	4.25 x 3.38				
400 (6.6)			J	V8	4.34 x 3.38				
400 (6.6)			M	V8	4.34 x 3.38				
400 (6.6)			N	V8	4.34 x 3.38				
400 (6.6)			P	V8	4.34 x 3.38				
<b>8B527P</b> Std. 10 20 30 40	<b>Rod</b>	60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/0.0623	.0111/.0004 .075/.0030	23.67/0.932	F780	16	2466 IH
<b>5M1348P</b> Std. 10	<b>Main - Discontinued (use 5M876P).</b>								
	1,2,4,5	66.662/2.6245 66.688/2.6255	71.564/2.8175 71.557/2.8180	2.428/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	MB2065P U/L
	3 (FI)	66.662/2.6245 66.688/2.6255	71.564/2.8175 71.557/2.8180	2.428/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	MB2630P U/L
<i>Note : Some early 1974 400 engines have a smaller flanged bearing diameter of 3.450"/3.500" (use ACL Part No. 5M876P)</i>									
<b>5M876P</b> Std. 10 20 30 40	<b>Main - flange O.D. 3.450" for engines from 58-73.</b>								
	1,2,4,5	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.021/.0008 .085/.0033	24.10/0.949	F780	8	2467 U/L
	3 (FI)	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.019/.0007 .083/.0033	31.09/1.224	F780	2	2468 U/L
<b>5C876S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5
<b>32 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
360 (5.9)			1	V8	4.00 x 3.58	Connecting Rod 45 ft.lbs/61 Nm			
360 (5.9)			5	V8	4.00 x 3.58	Main Bearing 85 ft.lbs/115 Nm			
360 (5.9)			8	V8	4.00 x 3.58				
360 (5.9)			F	V8	4.00 x 3.58				
360 (5.9)			J	V8	4.00 x 3.58				
360 (5.9)			K	V8	4.00 x 3.58				
360 (5.9)			L	V8	4.00 x 3.58				
360 (5.9)			S	V8	4.00 x 3.58				
360 (5.9)			T	V8	4.00 x 3.58				
360 (5.9)			U	V8	4.00 x 3.58				
360 (5.9)			W	V8	4.00 x 3.58				
360 (5.9)			Y	V8	4.00 x 3.58				
360 (5.9)			Z	V8	4.00 x 3.58				
<b>8B481P</b> Std. 01 10 20 30 40	<b>Rod</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH
<b>8B481PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B481P.</b>								
		53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 32**
**Main - flange O.D. 3.680" for 1971-73 engines.**

1,2,4	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	22.28/0.877	F780	6	2707 U/L
	71.387/2.8105	76.276/3.0030						
3 (FI)	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	29.26/1.152	F780	2	2708 U/L
	71.387/2.8105	76.276/3.0030						
5	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	31.98/1.259	F780	2	2709 U/L
	71.387/2.8105	76.276/3.0030						

*Overflange length remains constant for standard and oversizes.*
**Main - flange O.D. 3.910" for engines 1974 on.**

1,2,4	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	22.28/0.877	F780	6	2705 IH
	71.387/2.8105	76.276/3.0030						
3 (FI)	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	29.26/1.152	F780	2	2706 U/L
	71.387/2.8105	76.276/3.0030						
5	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	31.98/1.259	F780	2	2709 U/L
	71.387/2.8105	76.276/3.0030						

*Overflange length remains constant for standards and undersizes.*
**Main - Alt set to 5M1266P with +0.010" overflange length increase. \* See dimensional information below.**

1,2,4	71.361/2.8095	76.264/3.0025	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	22.28/0.877	F780	6	2705 IH
	71.387/2.8105	76.276/3.0030						
3 (FI)	71.361/2.8095	76.264/3.0025	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	29.52/1.162	F780	2	2715 U/L
	71.387/2.8105	76.276/3.0030						
5	71.361/2.8095	76.264/3.0025	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	31.98/1.259	F780	2	2709 U/L
	71.387/2.8105	76.276/3.0030						

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M2715P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.162"	+0.010"
.020" u/s shaft	1.162"	+0.010"
.030" u/s shaft	1.162"	+0.010"
.040" u/s shaft	1.162"	+0.010"

**Cam - engines from 1980 on.**

1	50.750/1.9980	54.090/2.1295	1.638/0.0645	22.35/0.880	F23	1	PD-16-1
	50.775/1.9990	54.115/2.1305					
2	50.343/1.9820	53.683/2.1135	1.638/0.0645	16.00/0.630	F23	1	PD-25-2
	50.368/1.9830	53.708/2.1145					
3	49.962/1.9670	53.302/2.0985	1.638/0.0645	15.75/0.620	F23	1	PD-25-3
	49.987/1.9680	53.327/2.0995					
4	49.555/1.9510	52.895/2.0825	1.638/0.0645	15.75/0.620	F23	1	PD-25-4
	49.581/1.9520	52.921/2.0835					
5	39.637/1.5605	42.977/1.6920	1.638/0.0645	24.00/0.945	F23	1	PD-9-5
	39.662/1.5615	43.002/1.6930					

**Cam - engines from 1971-1979.**

1	50.750/1.9980	54.090/2.1295	1.638/0.0645	22.35/0.880	F23	1	PD-16-1
	50.775/1.9990	54.115/2.1305					
2	50.343/1.9820	53.683/2.1135	1.638/0.0645	19.43/0.765	F23	1	PD-9-2
	50.368/1.9830	53.708/2.1145					
3	49.962/1.9670	53.302/2.0985	1.638/0.0645	19.43/0.765	F23	1	PD-9-3
	49.987/1.9680	53.327/2.0995					
4	49.555/1.9510	52.895/2.0825	1.638/0.0645	19.43/0.765	F23	1	PD-9-4
	49.581/1.9520	52.921/2.0835					
5	39.637/1.5605	42.977/1.6920	1.638/0.0645	24.00/0.945	F23	1	PD-9-5
	39.662/1.5615	43.002/1.6930					

**5M1051P**  
Std. 10 20 30 40

**5M1266P**  
Std. 01 10 20 30

**5M2715P**  
10 20 30 40

**5C1112S**  
Std.

**5C875S**  
Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>33 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
383 (6.4)			V8	V8	4.25 x 3.38	Connecting Rod 45 ft.lbs/61 Nm			
413 (6.8)			V8	V8	4.188 x 3.75	Main Bearing 85 ft.lbs/115 Nm			
426 (7.0) (Excl. Hemi)			V8	V8	4.25 x 3.75				
440 (7.2)			V8	V8	4.32 x 3.75				
440 (7.2)			A	V8	4.32 x 3.75				
440 (7.2)			D	V8	4.32 x 3.75				
440 (7.2)			K	V8	4.32 x 3.75				
440 (7.2)			L	V8	4.32 x 3.75				
440 (7.2)			M	V8	4.32 x 3.75				
440 (7.2)			T	V8	4.32 x 3.75				
440 (7.2)			U	V8	4.32 x 3.75				
440 (7.2)			V	V8	4.32 x 3.75				

<b>8B527P</b> Std. 10 20 30 40	<b>Rod</b>								
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/0.0623	.0111/.0004 .075/.0030	23.67/0.932	F780	16	2466 IH
<b>5M1277P</b> Std. 10 20 30	<b>Main - for 1974-80 engines.</b>								
	1,2,4,5	69.837/2.7495 69.863/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	MB2067P U/L
	3 (FI)	69.837/2.7495 69.863/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	MB2625P U/L
<b>5M4366P</b> 20 30 40	<i>Overflange length remains constant for standard and oversizes.</i>								
	<b>Main - Alt set to 5M877P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,4,5	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.682/0.1056 (@ .020" u/s)	.028/.0011 .091/.0036	24.10/0.949	F780	8	4362 U/L
3 (FI)	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.682/0.1056 (@ .020" u/s)	.028/.0011 .091/.0036	31.34/1.234	F780	2	4366 U/L	
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M4366P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				.020" u/s shaft		1.234"			+0.010"
				.030" u/s shaft		1.234"			+0.010"
				.040" u/s shaft		1.234"			+0.010"
<b>5M877P</b> Std. 10 20 30 40	<b>Main - flange O.D. 3.624" for 1959-73.</b>								
	1,2,4,5	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	4362 U/L
	3 (FI)	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	4363 U/L
<i>Overflange length remains constant for standard and oversizes.</i>									
<b>5C876S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5

<b>34 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
426 (7.0) Hemi			V8	V8	4.25 x 3.75	Connecting Rod 75 ft.lbs			
426 (7.0) Hemi			J	V8	4.25 x 3.75	Main Bearing 100 ft.lbs			
426 (7.0) Hemi			R	V8	4.25 x 3.75				

<b>8B527P</b> Std. 10 20 30 40	<b>Rod</b>								
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/0.0623	.0111/.0004 .075/.0030	23.67/0.932	F780	16	2466 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 34**
**Main**

1,2,4,5	69.837/2.7495 69.862/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .914/.0360	24.10/0.949	F780	8	MB2219P	<b>5M896P</b> Std. 10
3 (FI)	69.837/2.7495 69.862/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .914/.0360	31.09/1.224	F780	2	MB2495P	

*Overflange length remains constant for standard and oversizes.*
**Cam**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1	<b>5C876S</b> Std.
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2	
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3	
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4	
5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5	

**ENGINE**
**488 7990cc (8.0)**
**VIN CYL Bore x Stroke**
**W V10 4.00 x 3.88**
**TORQUE SETTINGS**
**Connecting Rod 45 ft.lbs  
Main Bearing 85 ft.lbs**
**35**
**Rod - set is one pair. 10 pairs needed per engine.**

	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.013/.0005 .074/.0029	21.52/0.847	F780	2	2700 IH	<b>1B481P</b> Std. 10 20 30 40
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**Main**

1,6	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/0.0959	.005/.0002 .058/.0023	25.40/1.000	F780	4	MB3506P U/L	<b>6M2200P</b> Std. 10 20 30
2,4,5	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/0.0959	.005/.0002 .058/.0023	24.38/0.960	F780	6	MB3507P U/L	
3 (FI)	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/0.0959	.005/.0002 .058/.0023	27.58/1.086	F780	2	MB3508P U/L	

**Cam Tower - VIN W Truck only.**

1	53.111/2.0910 53.137/2.0920	56.464/2.2230 56.489/2.2240	1.651/0.0650		22.61/0.890	F23	1	PD-30-1	<b>6C1300S</b> Std.
2	52.692/2.0745 52.718/2.0755	56.058/2.2070 56.083/2.2080	1.651/0.0650		16.00/0.630	F23	1	PD-30-2	
3	52.299/2.0590 52.324/2.0600	55.651/2.1910 55.676/2.1920	1.651/0.0650		16.00/0.630	F23	1	PD-30-3	
4	51.892/2.0430 51.918/2.0440	55.245/2.1750 55.270/2.1760	1.651/0.0650		16.00/0.630	F23	1	PD-30-4	
5	51.486/2.0270 51.511/2.0280	54.839/2.1590 54.864/2.1600	1.651/0.0650		16.00/0.630	F23	1	PD-30-5	
6	48.692/1.9170 48.717/1.9180	52.045/2.0490 52.070/2.0500	1.651/0.0650		22.61/0.890	F23	1	PD-30-6	

**ENGINE**
**488 7990cc (8.0)  
488 7990cc (8.0) (EWB)**
**VIN CYL Bore x Stroke**
**E V10 4.00 x 3.88  
E V10 4.00 x 3.88**
**TORQUE SETTINGS**
**Connecting Rod 45 ft.lbs**
**36**
**Rod - RACE Series version of 1B481P.**

	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.583/0.0623	.010/.0004 .063/.0025	21.52/0.847	F780	2	2700H U/L	<b>1B481H</b> Std. 01 10
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**Rod - RACE Series version of 1B481P. Bearings are .0005" thinner per shell to give .001" extra clearance on standard sized crankshafts.**

	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.573/0.0619	.010/.0004 .069/.0027	51.52/2.028	F781	2	2700HX	<b>1B481HX</b> Std.
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**Rod - set is one pair. 10 pairs needed per engine.**

	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.013/.0005 .074/.0029	21.52/0.847	F780	2	2700 IH	<b>1B481P</b> Std. 10 20 30 40
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**EAGLE ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
90 1468cc (1.5).....	Mits 4G15 (12V SOHC)	A	L4	91-96	1	122 1997cc (2.0)...	Mits G63B (16V DOHC)	V	L4	90-92	5
90 1468cc (1.5).....	Mits 4G15 (12V SOHC)	K	L4	91-91	1	122 1997cc (2.0)...	A588 (16V DOHC)	Y	L4	95-98	6
90 1468cc (1.5).....	Mits 4G15 (8V SOHC)	K	L4	90-90	1	122 1997cc (2.0)...	Mits G63B (16V DOHC) (EBG), Turbo	F	L4	93-97	5
90 1468cc (1.5).....	Mits 4G15 (8V SOHC)	X	L4	89-90	1	122 1997cc (2.0)...	A588 (16V DOHC) (ECF)	Y	L4	96-98	6
98 1597cc (1.6).....	Mits 4G61	Y	L4	89-90	2	122 1997cc (2.0)...	Mits (16V DOHC) (G63B)	V	L4	89-91	5
107 1755cc (1.8)...	Mits G37B (8V SOHC)	B	L4	93-94	3	2351cc (2.4).....	Mits 4G64 (16V SOHC)	G	L4	93-96	5
112 1834cc (1.8)...	Mits 4G93 (16V SOHC)	C	L4	93-96	4	2351cc (2.4).....	Mits 4G64 (8V SOHC)	W	L4	92-92	5
112 1834cc (1.8)...	Mits 4G93 (16V SOHC)	D	L4	92-92	4	150 (2.5) .....	AMC Eng.	H	L4	89-89	7
122 1997cc (2.0)...	Mits G63B (16V DOHC)	E	L4	93-94	5	150 (2.5) .....	AMC Eng.	Z	L4	88-88	7
122 1997cc (2.0)...	Mits G63B (16V DOHC), Turbo	F	L4	98-98	5	201 (3.3) .....	OHV	T	V6	93-97	8
122 1997cc (2.0)...	Mits G63B (16V DOHC)	R	L4	90-92	5	215 3497cc (3.5)...	SOHC	F	V6	93-97	9
122 1997cc (2.0)...	Mits G63B (16V DOHC), Turbo	U	L4	90-92	5						

**EAGLE MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
2000 GTX	122	1997	2.0	Mits G63B (16V DOHC)	91-92	SUMMIT - LX	2351	2.4	2.4	Mits 4G64 (8V SOHC)	92
2000 GTX - 4X4	122	1997	2.0	Mits G63B (16V DOHC)	92	TALON	122	1997	2.0	A588 (16V DOHC)	96-98
PREMIER - LX	150		2.5	AMC Eng.	88-89		122	1997	2.0	Mits G63B (16V DOHC)	90-92
SUMMIT	90	1468	1.5	Mits 4G15 (12V SOHC)	91-92	TALON - DL	107	1755	1.8	Mits G37B (8V SOHC)	93-94
	112	1834	1.8	Mits 4G93 (16V SOHC)	92-93	TALON - ES	122	1997	2.0	Mits G63B (16V DOHC)	93-94
		2351	2.4	Mits 4G64 (16V SOHC)	93-96	TALON - ESI	122	1997	2.0	A588 (16V DOHC)	95-98
		2351	2.4	Mits 4G64 (8V SOHC)	92	TALON - TSI	122	1997	2.0	Mits G63B (16V DOHC)	90-98
SUMMIT - DL	90	1468	1.5	Mits 4G15 (12V SOHC)	91-96	VISION - ESI	201		3.3	OHV	93-97
	90	1468	1.5	Mits 4G15 (8V SOHC)	89-90	VISION - TSI	215	3497	3.5	SOHC	95-97
	112	1834	1.8	Mits 4G93 (16V SOHC)	92-96	VISTA	215	3497	3.5	SOHC	93-97
		2351	2.4	Mits 4G64 (16V SOHC)	93-96		90	1468	1.5	Mits 4G15 (12V SOHC)	91
		2351	2.4	Mits 4G64 (8V SOHC)	92	VISTA - 4X4	90	1468	1.5	Mits 4G15 (8V SOHC)	90
SUMMIT - ES	90	1468	1.5	Mits 4G15 (12V SOHC)	91-96		122	1997	2.0	Mits (16V DOHC)	89-91
	112	1834	1.8	Mits 4G93 (16V SOHC)	93-96	VISTA - DL	122	1997	2.0	Mits G63B (16V DOHC)	90-91
SUMMIT - ESI	90	1468	1.5	Mits 4G15 (12V SOHC)	95-96		90	1468	1.5	Mits 4G15 (12V SOHC)	91
	112	1834	1.8	Mits 4G93 (16V SOHC)	94-95	VISTA - GT	90	1468	1.5	Mits 4G15 (8V SOHC)	90
SUMMIT - LX	90	1468	1.5	Mits 4G15 (8V SOHC)	89-90		90	1468	1.5	Mits 4G15 (12V SOHC)	91
	98	1597	1.6	Mits 4G61	89-90	VISTA - LX	90	1468	1.5	Mits 4G15 (8V SOHC)	90
	112	1834	1.8	Mits 4G93 (16V SOHC)	92-96						
		2351	2.4	Mits 4G64 (16V SOHC)	93-96						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
90 1468cc (1.5) Mits 4G15 (12V SOHC)			A	L4	75.5mm x 82mm	Connecting Rod 23-25 ft.lbs/31-34 Nm			
90 1468cc (1.5) Mits 4G15 (12V SOHC)			K	L4	75.5mm x 82mm	Main Bearing 36-40 ft.lbs/49-54 Nm			
90 1468cc (1.5) Mits 4G15 (8V SOHC)			K	L4	75.5mm x 82mm				
90 1468cc (1.5) Mits 4G15 (8V SOHC)			X	L4	75.5mm x 82mm				
<b>4B1130</b>	<b>Rod</b>								
Std. .25 .50 .75 1.0		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .079/.0031	15.60/0.614	F810	8	1130A IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 1**
**Main**

1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	19.13/0.753	F810	8	1124A U/L	<b>5M1124</b> Std. .25 .50 .75
3(FI)	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	23.95/0.943	F810	2	1125A IH	

*Overflange length remains constant for standard and undersizes.*
**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**98 1597cc (1.6) Mits 4G61**
**Y**
**L4**
**82.3mm x 75mm**
**Connecting Rod 23-25 ft.lbs/31-34 Nm  
Main Bearing 36-40 ft.lbs/49-54 Nm**
**2**
**Rod**

	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	<b>4B1146</b> Std. .25 .50 .75 1.0
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**Main - half groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	<b>5M1144</b> Std. .25 .50 .75 1.0
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

*Overflange length remains constant for standard and undersizes.*
**Main - full groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH	<b>5M1147</b> Std. .25 .50 .75 1.0
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

*Overflange length remains constant for standard and undersizes.*
**Balance Shaft**

RHF	38.974/1.5344 (Max.)	42.024/1.6545 (Max.)	1.506/0.0593	.020/.0008 .076/.0030	19.25/0.758	F830	1	SH1465	<b>3BS8385</b> Std.
RHR, LHR	35.977/1.4164 (Max.)	39.025/1.5364 (Max.)	1.496/0.0589	.043/.0017 .099/.0039	16.00/0.630	F830	2	SH1466	

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**107 1755cc (1.8) Mits G37B (8V  
SOHC)**
**B**
**L4**
**80.6mm x 86mm**
**Connecting Rod 23-25 ft.lbs/31-34 Nm  
Main Bearing 36-40 ft.lbs/49-54 Nm**
**3**
**Rod**

	52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH	<b>4B1136</b> Std. .25 .50 .75 1.0
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**Main - half groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	<b>5M1144</b> Std. .25 .50 .75 1.0
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

**Main - full groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH	<b>5M1147</b> Std. .25 .50 .75 1.0
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

**Balance Shaft**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387	<b>3BS8387</b> Std.
RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388	

# EAGLE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>4 ENGINE</b>										
<b>112 1834cc (1.8) Mits 4G93 (16V SOHC)</b>			<b>VIN C</b>	<b>CYL L4</b>	<b>Bore x Stroke 81mm x 89mm</b>	<b>TORQUE SETTINGS</b>				
<b>112 1834cc (1.8) Mits 4G93 (16V SOHC)</b>			<b>D</b>	<b>L4</b>	<b>81mm x 89mm</b>	<b>Connecting Rod 15 ft.lbs/20 Nm + 1/4 turn</b>				
						<b>Main Bearing 18 ft.lbs/25 Nm + 1/4 turn</b> Tighten main bearing caps from center, working towards end caps.				
<b>Rod - To be superceded by 4B8036A when stock exhausted.</b>										
4B8036 Std. .25 .50 .75 1.0		44.980/1.7709	48.000/1.8898	1.492/0.0587	.016/.0006	16.80/0.661	F780	8	8036 IH	
		45.000/1.7717	48.015/1.8904		.077/.0030					
<b>Rod - High Strength Aluminum Silicon material.</b>										
4B8036A Std. .25 .50 .75 1.0		44.980/1.7709	48.000/1.8898	1.492/0.0587	.016/.0006	16.80/0.661	F810	8	8036A IH	
		45.000/1.7717	48.015/1.8904		.077/.0030					
<b>Main - To be superceded by 5M8037A when stock exhausted.</b>										
5M8037 Std. .25 .50	1-5	49.982/1.9678	54.000/2.1260	1.991/0.0784	.018/.0007	19.13/0.753	F780	10	8037 U/L	
		50.000/1.9685	54.018/2.1267		.080/.0031					
<b>Main - High Strength Aluminum Silicon material.</b>										
5M8037A Std. .25 .50 .75 1.0	1-5	49.982/1.9678	54.000/2.1260	1.991/0.0784	.018/.0007	19.13/0.753	F810	10	8037A U/L	
		50.000/1.9685	54.018/2.1267		.080/.0031					
<b>Thrust</b>										
1T8037 Std.	3	56.000/2.2047	75.400/2.9685			1.98/0.078	F817	2	8037T IH	
		56.250/2.2146	75.700/2.9803							
<i>Set includes 2 pieces, use on number 3 position. Required with 5M8037.</i>										
<b>5 ENGINE</b>										
<b>122 1997cc (2.0) Mits G63B (16V DOHC)</b>			<b>VIN E</b>	<b>CYL L4</b>	<b>Bore x Stroke 85mm x 88mm</b>	<b>TORQUE SETTINGS</b>				
<b>122 1997cc (2.0) Mits G63B (16V DOHC) Turbo</b>			<b>F</b>	<b>L4</b>	<b>85mm x 88mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b>				
<b>122 1997cc (2.0) Mits G63B (16V DOHC)</b>			<b>R</b>	<b>L4</b>	<b>85mm x 88mm</b>	<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b>				
<b>122 1997cc (2.0) Mits G63B (16V DOHC) Turbo</b>			<b>U</b>	<b>L4</b>	<b>85mm x 88mm</b>					
<b>122 1997cc (2.0) Mits G63B (16V DOHC)</b>			<b>V</b>	<b>L4</b>	<b>85mm x 88mm</b>					
<b>122 1997cc (2.0) Mits G63B (16V DOHC) (EBG) Turbo</b>			<b>F</b>	<b>L4</b>	<b>85mm x 88mm</b>					
<b>122 1997cc (2.0) Mits (16V DOHC) (G63B)</b>			<b>V</b>	<b>L4</b>	<b>85mm x 88mm</b>					
<b>2351cc (2.4) Mits 4G64 (16V SOHC)</b>			<b>G</b>	<b>L4</b>	<b>86.5mm x 100mm</b>					
<b>2351cc (2.4) Mits 4G64 (8V SOHC)</b>			<b>W</b>	<b>L4</b>	<b>86.5mm x 100mm</b>					
<b>Rod - for engines 1989-6/92.</b>										
4B1146 Std. .25 .50 .75 1.0		44.991/1.7713	48.000/1.8898	1.494/0.0588	.012/.0005	23.50/0.925	F810	8	1146A IH	
		45.000/1.7717	48.020/1.8905		.067/.0026					
<b>Rod - for engines from 6/92-97.</b>										
4B1185 Std. .25 .50 .75 1.0		44.981/1.7709	47.998/1.8897	1.493/0.0588	.016/.0006	21.10/0.831	F810	8	1185A IH	
		44.996/1.7715	48.019/1.8905		.078/.0031					
<b>Main - for 2.0L engines 1989-6/92 - Half Groove.</b>										
5M1144 Std. .25 .50 .75 1.0	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	23.01/0.906	F810	4	1147A U	
		57.000/2.2441	61.020/2.4024		.086/.0034					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	23.01/0.906	F810	4	1144A L	
		57.000/2.2441	61.020/2.4024		.086/.0034					
	3 (FI)	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	28.95/1.140	F810	2	1148A IH	
		57.000/2.2441	61.020/2.4024		.086/.0034					
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Main - for 2.0L engines 1989-6/92 - Full Groove.</b>										
5M1147 Std. .25 .50 .75 1.0	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	23.00/0.906	F810	8	1147A IH	
		57.000/2.2441	61.020/2.4024		.086/.0034					
	3 (FI)	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	28.95/1.140	F810	2	1148A IH	
		57.000/2.2441	61.020/2.4024		.086/.0034					
	<i>Overflange length remains constant for standard and undersizes.</i>									



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 5**
**Main - for 2.0L engines from 6/92-97 and 2.4L engines from 1992-96.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L	<b>5M1186</b> Std. .25 .50 .75 1.0
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	25.40/1.000	F810	2	1187A IH	

*Overflange length remains constant for standard and undersizes.*
**Main - Alt set to 5M1186 with +0.010" overflange length increase. \* See dimensional information below.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L	<b>5M1213</b> .25 .50 .75 1.0
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	25.65/1.010	F810	2	1213A IH	

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M1213**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.50 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.75 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
1.00 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm

**Balance Shaft**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387	<b>3BS8389</b> Std. .25 .50
LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388	
RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389	

**ENGINE**
**VIN CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

<b>122 1997cc (2.0) A588 (16V DOHC)</b>	<b>Y</b>	<b>L4</b>	<b>87.5mm x 83mm</b>	<b>Connecting Rod 20 ft.lbs + 90 deg</b> <b>Main Bearing 22 ft.lbs M8 bolts with bedplate</b> <b>Main Bearing 30 ft.lbs + 90 deg M10 bolts only</b> <b>Main Bearing 40 ft.lbs M10 bolts with bedplate</b> <b>Main Bearing 60 ft.lbs M11 bolts only</b>
<b>122 1997cc (2.0) A588 (16V DOHC) (ECF)</b>	<b>Y</b>	<b>L4</b>	<b>87.5mm x 83mm</b>	

**6**
**Rod**

47.991/1.8894 48.006/1.8900	50.991/2.0075 51.006/2.0081	1.490/0.0587	.005/.0002 .061/.0024	20.50/0.807	F780	8	7171 IH	<b>4B1635P</b> Std. .25 .50 .75 1.0
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**Rod - .002" oversize OD version of 4B1635P.**

47.991/1.8894 48.006/1.8900	51.041/2.0095 51.056/2.0101	1.640/0.0646 (@ .25 mm u/s)	.005/.0002 .061/.0024	20.50/0.807	F780	8	9091 IH	<b>4B1635PO/S2</b> Std. .25 .50 .75
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**Main - suits engines from 1996 on.**

1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	8	4342 U/L	<b>5M2028P</b> Std. .25 .50 .75
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	26.26/1.034	F780	2	4343 U/L	

*Overflange length remains constant for standard and undersizes.*
**Main - .002" oversize OD version of 5M2028P.**

1,2,4,5	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	19.96/0.786	F780	8	9093 U/L	<b>5M2028PO/S2</b> .25 .50 .75
3 (FI)	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	26.26/1.034	F780	2	9094 U/L	

*Overflange length remains constant for standard and undersizes.*
**Main - 1995 engines only (opposite tang position in lower half).**

1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	4	4372 L	<b>5M4372P</b> Std. .25 .50 .75
1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	19.96/0.786	F780	4	4342 U	
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4373 L	
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4343 U	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>7 ENGINE</b>									
<b>150 (2.5) AMC Eng.</b>		<b>VIN</b>		<b>CYL</b>		<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>	
<b>150 (2.5) AMC Eng.</b>		<b>H L4</b>		<b>3.88 x 3.19</b>		<b>Connecting Rod 33 ft.lbs/45 Nm</b>			
		<b>Z L4</b>		<b>3.88 x 3.19</b>		<b>Main Bearing 80 ft.lbs/108 Nm</b>			
<b>4B960P</b> Std. 01 10 20 30 40 50	<b>Rod</b>								
		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/0.0561	.017/.0006 .074/.0029	21.26/0.837	F780	8	1480 IH
<b>5M1568P</b> Std. 10 20 30	<b>Main</b>								
	1,2,4,5	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	8	8872 U/L
	3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.270	F780	2	8873 U/L
<i>Overflange length remains constant for standards and undersizes.</i>									
<b>4C549S</b> Std.	<b>Cam</b>								
	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		17.65/0.695	F23	1	N-7-1
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.580/0.0620		17.65/0.695	F23	1	N-7-2
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.580/0.0620		17.65/0.695	F23	1	N-7-3
	4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		17.65/0.695	F23	1	N-7-4
<b>8 ENGINE</b>									
<b>201 (3.3) OHV</b>		<b>VIN</b>		<b>CYL</b>		<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>	
		<b>T V6</b>		<b>93mm x 81mm</b>		<b>Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn</b>			
				<b>Main Bearing 30 ft.lbs/41 Nm + 1/4 turn</b>					
<b>6B1410A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material (supercedes 6B1410P).</b>								
		57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH
<b>4M1958P</b> .25 .50 .75 1.0	<b>Main - Alt set to 4M1946P with +0.010" overflange length increase. * See dimensional information below.</b>								
	1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	1948 U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.13/0.950	F780	2	1958 U/L
<i>to be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1958P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.25 mm u/s shaft				0.950"		+0.010"			
0.50 mm u/s shaft				0.950"		+0.010"			
0.75 mm u/s shaft				0.950"		+0.010"			
1.00 mm u/s shaft				0.950"		+0.010"			
<b>4M7278A</b> Std. .25 .50 .75	<b>Main - Supercedes 4M1946P.</b>								
	1,2,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F810	6	1948A U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	23.88/0.940	F810	2	7278A U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4C1405BS</b> Std.	<b>Cam - supercedes 4C1405S. Set has OD groove on #2 &amp; #3 position bearings.</b>								
	1	50.724/1.9970 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.643/0.0647		23.75/0.935	F23	1	PD-28-1
	2	50.292/1.9800 50.343/1.9820	53.683/2.1135 53.708/2.1145	1.659/0.0653		15.62/0.615	F23	1	PD-28-2B
	3	49.911/1.9650 49.962/1.9670	53.302/2.0985 53.327/2.0995	1.659/0.0653		15.62/0.615	F23	1	PD-28-3B
	4	49.530/1.9500 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.643/0.0647		15.62/0.615	F23	1	PD-28-4



# EAGLE

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
215 3497cc (3.5) SOHC	F	V6	96mm x 81mm	<b>Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn</b> <b>Main Bearing 30 ft.lbs/41 Nm + 1/4 turn</b>					

**9**

**Rod - High Strength Aluminum Silicon material (supercedes 6B1410P).**

	57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH	<b>6B1410A</b> Std. .25 .50 .75 1.0
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**Main**

1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	MB3340P U/L	<b>4M2010P</b> Std. .25 .50 .75
2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	28.70/1.130	F780	2	MB3471P U/L	

*Overflange length remains constant for standard and undersizes.*

**FORD ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1295cc (1.3).....	Mazda B3	H	L4	89-97	1	240 (3.9).....		L6	65-67	32	
1295cc (1.3).....	Mazda B3	K	L4	88-89	1	240 (3.9).....		A	L6	68-75	32
1297cc (1.3).....	Courier Van (HCS)		L4	88-on	2	240 (3.9).....		B	L6	68-70	32
1297cc (1.3).....	Escort (HCS)		L4	88-on	2	240 (3.9).....		E	L6	68-72	32
1297cc (1.3).....	Fiesta (HCS)		L4	88-on	2	240 (3.9).....		V	L6	68-72	32
1297cc (1.3).....	Ka (HCS)		L4	88-on	2	245 (4.0).....		E	V6	97-03	34
1558cc (1.6).....	Escort & Cortina		L4	65-75	3	245 (4.0).....	SOHC	K	V6	03-03	34
	Lotus (Twin Cam)					245 (4.0).....	SOHC	X	V6	90-01	33
						245 (4.0).....	OHV	C	L6	80-80	35
98 1598cc (1.6).....	OHV (Fiesta)		L4	78-80	4	250 (4.1).....		L	L6	69-79	35
98 1598cc (1.6).....	OHC	2	L4	81-85	6	250 (4.1).....		D	V8	80-82	30
98 1598cc (1.6).....	OHC	4	L4	82-85	6	255 (4.2).....		2	V6	97-06	36
98 1598cc (1.6).....	OHC	5	L4	83-85	6	256 (4.2).....	OHV	V8	62-64	30	
98 1598cc (1.6).....	OHC	7	L4	83-83	6	260 (4.3).....		6	V8	96-02	37
98 1598cc (1.6).....	OHC, Turbo	8	L4	84-85	6	281 (4.6).....	SOHC	9	V8	96-03	37
98 1598cc (1.6).....	OHV (Kent / Pinto)	W	L4	71-73	5	281 (4.6).....	SOHC	V	V8	96-01	38
110 (1.8).....	Mazda VB		L4	72-76	7	281 (4.6).....	DOHC	W	V8	92-05	37
110 (1.8).....	Mazda VB	A	L4	77-78	7	281 (4.6).....	SOHC	X	V8	96-04	37
110 (1.8).....	Mazda VB	C	L4	79-79	7	281 (4.6).....	SOHC	Y	V8	03-04	38
112 (1.8).....	Mazda BP DOHC	8	L4	91-96	1	281 (4.6).....	DOHC, Supercharged	V8	63-67	30	
116 (1.9).....	SOHC	9	L4	85-90	8	289 (4.7).....		C	V8	68-68	30
116 (1.9).....	SOHC	J	L4	86-96	8	289 (4.7).....		N	V8	68-68	30
121 (2.0).....	Duratec	N	L4	05-06	15	289 (4.7).....		9	L6	82-88	32
121 1989cc (2.0)...	DOHC (Zetec)	3	L4	95-04	14	300 (4.9).....		B	L6	65-79	32
121 1989cc (2.0)...	DOHC (Zetec)	Z	L4	96-00	14	300 (4.9).....		E	L6	80-82	32
122 1989cc (2.0)...	DOHC (Zetec)	5	L4	02-04	14	300 (4.9).....		K	L6	78-79	32
122 1989cc (2.0)...	Mazda FS DOHC	A	L4	93-97	10	300 (4.9).....		Y	L6	83-96	32
122 1989cc (2.0)...	DOHC (Zetec)	B	L4	01-04	14	300 (4.9).....		D	V8	69-95	30
122 1989cc (2.0)...	OHC	C	L4	83-88	13	302 (5.0).....		E	V8	87-93	30
122 1989cc (2.0)...	Mazda RF, Diesel	H	L4	84-87	12	302 (5.0).....		F	V8	68-91	30
122 1989cc (2.0)...	SOHC	P	L4	97-04	11	302 (5.0).....		G	V8	68-79	30
122 1989cc (2.0)...	OHC (Pinto)	X	L4	71-74	9	302 (5.0).....		J	V8	68-68	30
122 (2.0).....	Mazda MA	1	L4	81-82	7	302 (5.0).....		M	V8	84-86	30
133 (2.2).....	Mazda F2	C	L4	89-92	16	302 (5.0).....		N	V8	85-96	30
133 (2.2).....	Mazda F2, Turbo	L	L4	89-92	16	302 (5.0).....		P	V8	96-01	30
134 (2.2).....	Mazda S2, Diesel	P	L4	83-84	17	302 (5.0).....		T	V8	91-95	30
140 (2.3).....	OHC	2	L4	81-82	13	302 (5.0).....		V8	75-77	40	
140 (2.3).....	OHC	6	L4	83-85	13	330 (5.4).....		3	V8	99-03	39
140 (2.3).....	OHC	A	L4	80-97	13	330 (5.4).....	SOHC, Supercharged	5	V8	04-05	39
140 (2.3).....	OHC	B	L4	77-80	13	330 (5.4).....	SOHC	L	V8	97-05	39
140 (2.3).....	Duratec	D	L4	01-06	20	330 (5.4).....	SOHC	M	V8	97-05	39
140 (2.3).....	Mits 4D55, Turbo, Diesel	E	L4	85-87	19	330 (5.4).....	SOHC	Z	V8	98-03	39
140 (2.3).....	OHC	M	L4	91-93	13	330 (5.4).....	SOHC - Bi-Fuel	C	V8	95-95	42
140 (2.3).....	OHV (HSC)	R	L4	84-87	18	351 (5.8).....	Windsor	G	V8	80-82	43
140 (2.3).....	OHV (HSC)	S	L4	85-91	18	351 (5.8).....	Modified	H	V8	70-74	41
140 (2.3).....	OHC, Turbo	T	L4	81-88	13	351 (5.8).....	Windsor	H	V8	69-97	42
140 (2.3).....	OHC, Turbo	W	L4	79-87	13	351 (5.8).....	Cleveland	M	V8	70-71	41
140 (2.3).....	OHV (HSC)	X	L4	85-94	18	351 (5.8).....	Modified	M	V8	69-71	42
140 (2.3).....	OHC	Y	L4	74-79	13	351 (5.8).....	Windsor	Q	V8	71-74	41
140 (2.3).....	Duratec	Z	L4	03-06	20	351 (5.8).....	Cleveland	Q	V8	71-74	41
144 (2.4).....			L6	60-66	21	351 (5.8).....	Windsor	R	V8	93-95	42
152 2450cc (2.5)...	Mazda KL (24V DOHC)	B	V6	93-97	23	351 (5.8).....	Cleveland	Y	V8	68-77	40
155 2450cc (2.5)...	Duratec	G	V6	98-00	24	351 (5.8).....	Windsor	V8	64-66	40	
155 2450cc (2.5)...	Duratec	L	V6	95-00	24	351 (5.8).....	Windsor	V8	79-91	44	
153 (2.5).....	SOHC	C	L4	98-01	22	352 (5.8).....		V8	64-67	40	
153 (2.5).....	OHV (HSC)	D	L4	86-90	18	360 (5.9).....		V8	68-77	40	
170 (2.8).....			L6	60-67	21	361 (5.9).....		V8	64-66	40	
170 (2.8).....		F	L6	67-72	21	370 (6.1).....		V8	64-67	40	
170 (2.8).....		U	L6	68-72	21	390 (6.4).....		H	V8	67-77	40
171 (2.8).....		S	V6	83-86	25	390 (6.4).....		M	V8	74-76	40
171 (2.8).....		Z	V6	74-79	25	390 (6.4).....		S	V8	68-69	40
177 (2.9).....		T	V6	86-92	26	390 (6.4).....		X	V8	68-70	40
182 (3.0).....	OHV (Vulcan)	1	V6	93-98	27	390 (6.4).....		Y	V8	67-71	40
182 (3.0).....	Duratec	1	V6	01-05	24	390 (6.4).....		Z	V8	67-68	40
182 (3.0).....	Duratec	2	V6	96-06	24	390 (6.4).....		V8	75-77	43	
182 (3.0).....	Duratec	S	V6	96-05	24	400 (6.6).....		S	V8	71-79	43
182 (3.0).....	OHV (Vulcan)	U	V6	86-06	27	400 (6.6).....		Z	V8	80-82	43
182 (3.0).....	OHV (Vulcan)	V	V6	99-04	27	400 (6.6).....		V8	58-79	45	
182 (3.0).....	SHO (DOHC)	Y	V6	89-95	28	401 (6.6).....		V8	66-67	40	
195 (3.2).....	SHO (DOHC)	P	V6	93-95	28	410.....		S	V10	97-06	47
200 (3.3).....	4 Main		L6	63-64	21	415 (6.8).....		Y	V10	05-06	47
200 (3.3).....	7 Main		L6	65-67	29	415 (6.8).....		1	V8	83-87	46
200 (3.3).....	7 Main	B	L6	80-82	29	420 (6.9).....	Diesel	V8	64-67	40	
200 (3.3).....	7 Main	T	L6	68-79	29	427 (7.0).....		W	V8	67-69	40
200 (3.3).....	7 Main	X	L6	83-83	29	427 (7.0).....		V8	66-67	40	
221 (3.6).....			V8	62-63	30	428 (7.0).....		P	V8	67-70	40
232 (3.8).....	OHV	3	V6	82-87	31	428 (7.0).....		Q	V8	67-70	40
232 (3.8).....	OHV	4	V6	88-04	31	428 (7.0).....		R	V8	68-68	40
232 (3.8).....	OHV	C	V6	84-84	31	428 (7.0).....		C	V8	70-71	44
232 (3.8).....	OHV, Supercharged	R	V6	89-95	31	429 (7.0).....					

**FORD ENGINE INDEX (Cont'd.)**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
429 (7.0).....		J	V8	70-71	44	460 (7.5).....		C	V8	73-78	44
429 (7.0).....		K	V8	69-71	44	460 (7.5).....		G	V8	87-97	44
429 (7.0).....		N	V8	68-73	44	460 (7.5).....		J	V8	73-79	44
429 (7.0).....		Z	V8	69-70	44	460 (7.5).....		L	V8	80-87	44
445 (7.3).....	Powerstroke Engine, Turbo,Diesel	C	V8	93-93	48	475 (7.8).....			V8	58-79	45
445 (7.3).....	Powerstroke Engine, Turbo,Diesel	F	V8	94-03	48	477 (7.8).....			V8	58-81	45
445 (7.3).....	Powerstroke Engine, Turbo,Diesel	K	V8	94-94	48	534 (8.8).....			V8	58-81	45
445 (7.3).....	Diesel	M	V8	88-94	46						
460 (7.5).....		A	V8	72-79	44						

**FORD MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
	122		2.0	Mazda MA	81-82	COUNTRY SEDAN	460		7.5		72-74
	245		4.0	OHV	01	COUNTRY SQUIRE	144		2.4		62
	361				66		170		2.8		62-67
AEROSTAR	140		2.3	OHC	86-87		200		3.3	4 Main	63-64
	171		2.8		86		200		3.3	7 Main	65-67
	182		3.0	OHV (Vulcan)	86-97		240		3.9		65-67
	245		4.0	OHV	90-97		260		4.3		63-64
ASPIRE		1295	1.3	Mazda B3	94-97		289		4.7		63-67
ASPIRE - SE		1295	1.3	Mazda B3	94-95		302		5.0		68-91
BRONCO	170		2.8		67-72		351		5.8	Cleveland	70-74
	200		3.3	7 Main	74		351		5.8	Modified	79
	240		3.9		66-67		351		5.8	Windsor	69-79
	300		4.9		80-93		352		5.8		64-67
	289		4.7		66-68		390		6.4		64-71
	302		5.0		69-96		400		6.6		71-78
	351		5.8	Modified	78-82		427		7.0		64-68
	351		5.8	Windsor	78-96		428		7.0		68-69
	400		6.6		78-79		429		7.0		69-73
BRONCO - ROADSTER	170		2.8		68-69	COUNTRY SQUIRE - LX	302		5.0		87-91
	289		4.7		68	COURIER	110		1.8	Mazda VB	72-79
	302		5.0		69		140		2.3	OHC	77-82
BRONCO - WAGON	170		2.8		68-72	CROWN VICTORIA	281		4.6	SOHC	92-05
	200		3.3	7 Main	73		302		5.0		87-91
	289		4.7		68		351		5.8	Windsor	87-91
	302		5.0		68-73	CROWN VICTORIA - LX	281		4.6	SOHC	92-98
BRONCO II	171		2.8		84-85		302		5.0		87-91
	177		2.9		86-90	CROWN VICTORIA - POLICE	281		4.6	SOHC	93-98
CLUB	200		3.3	4 Main	63	INTERCEPTOR	281		4.6	SOHC	92-98
	260		4.3		63-64	CROWN VICTORIA - S	302		5.0		87-91
	289		4.7		63-64		351		5.8	Windsor	87-91
	352		5.8		64	CROWN VICTORIA - TOURING SEDAN	281		4.6	SOHC	92
CLUB WAGON	390		6.4		64	CUSTOM	240		3.9		68-72
	144		2.4		62-66		260		4.3		64
	170		2.8		62-67		289		4.7		65-67
	240		3.9		67		302		5.0		68-72
CONTOUR	121	1989	2.0	DOHC (Zetec)	97-00	CROWN VICTORIA - CUSTOM 500	289		4.7		68
	155	2450	2.5	Duratec	98-00		302		5.0		68-72
CONTOUR - GL	121	1989	2.0	DOHC (Zetec)	95-98		351		5.8	Cleveland	70-72
	155	2450	2.5	Duratec	95-98		351		5.8	Windsor	69-72
CONTOUR - LX	121	1989	2.0	DOHC (Zetec)	95-98		352		5.8		64-66
	155	2450	2.5	Duratec	95-98		390		6.4		64-71
CONTOUR - SE	155	2450	2.5	Duratec	95-98		400		6.6		71-72
CONTOUR - SPORT	121	1989	2.0	DOHC (Zetec)	96		427		7.0		66
	155	2450	2.5	Duratec	96-97		428		7.0		68-70
CONTOUR - SVT	155	2450	2.5	Duratec	98-00		429		7.0		69-72
COUNTRY SEDAN	144		2.4		62		240		3.9		68-72
	170		2.8		62-67		289		4.7		68
	200		3.3	4 Main	63-64		302		5.0		68-72
	200		3.3	7 Main	65-67		351		5.8	Cleveland	70-74
	240		3.9		65-70		351		5.8	Modified	75-77
	260		4.3		63-64		351		5.8	Windsor	69-77
	289		4.7		63-67		390		6.4		68-71
	302		5.0		68-72		400		6.6		71-77
	351		5.8	Cleveland	70-74		427		7.0		68
	351		5.8	Windsor	69-74		428		7.0		68-70
	352		5.8		64-67		429		7.0		69-73
	390		6.4		64-71		460		7.5		73-76
	400		6.6		71-74						
	427		7.0		64-66						
	428		7.0		68-70						
	429		7.0		69-73						
	429		7.0		69-73						

**FORD MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
E SUPER DUTY	300		4.9		96	E-250 ECONOLINE - CLUB WAGON	400		6.6		80-82	
	415		6.8		97-02		420		6.9		83-87	
	330		5.4	SOHC	97-02		445		7.3		88-91	
	351		5.8	Windsor	96		460		7.5		75-91	
	445		7.3	Powerstroke Engine	96-02							
	460		7.5		96							
E-100 ECONOLINE	170		2.8		68-71	E-250 ECONOLINE - HD	300		4.9		91	
	240		3.9		68-74		351		5.8	Windsor	91	
	300		4.9		72-83	E-250 ECONOLINE - SUPER	300		4.9		78-96	
	302		5.0		68-83		415		6.8		97	
	351		5.8	Modified	75-82		256		4.2	OHV	97-98	
	351		5.8	Windsor	75-83		281		4.6	SOHC	98	
	460		7.5		78		302		5.0		79-91	
	E-100 ECONOLINE - CLUB WAGON	170		2.8			68-70	330		5.4	SOHC	97-98
240			3.9		68-74		351		5.8	Modified	77-82	
300			4.9		74-82		351		5.8	Windsor	77-96	
302			5.0		68-82	400		6.6		80		
351			5.8	Modified	75-82	460		7.5		78-96		
351			5.8	Windsor	75-82							
E-150 ECONOLINE	300		4.9		75-96	E-250 ECONOLINE - SUPER WAGON	300		4.9		78-84	
	256		4.2	OHV	97-03		302		5.0		79-80	
	281		4.6	SOHC	97-05		351		5.8	Modified	78-81	
	302		5.0		75-96		351		5.8	Windsor	78-84	
	330		5.4	SOHC	97-05		400		6.6		80	
	351		5.8	Modified	75-82		420		6.9		83-84	
	351		5.8	Windsor	75-96	460		7.5		78-84		
	420		6.9		84	E-300 ECONOLINE	170		2.8		69-70	
	460		7.5		76-80		240		3.9		68-73	
	E-150 ECONOLINE - CLUB WAGON	300		4.9			75-96	300		4.9		72-74
		256		4.2	OHV		97-98	302		5.0		68-74
		281		4.6	SOHC		97-98	E-300 ECONOLINE - CHATEAU WAGON	240		3.9	
302			5.0		79-96		302			5.0		71-72
330			5.4	SOHC	97-98	E-300 ECONOLINE - CLUB WAGON	170			2.8		69-70
351			5.8	Modified	75-82		240			3.9		68-74
351		5.8	Windsor	75-96	300				4.9		72	
460		7.5		76-79	302				5.0		68-74	
E-150 ECONOLINE - SUPER	300		4.9		77-91		E-300 ECONOLINE - CUSTOM WAGON	240		3.9		71-72
	302		5.0		79-91			302		5.0		71-72
	351		5.8	Modified	77-82	E-350 ECONOLINE		300		4.9		75-96
	351		5.8	Windsor	77-91			415		6.8		97-05
	460		7.5		79			302		5.0		75-82
	E-150 ECONOLINE - SUPER WAGON	300		4.9				78-82	330		5.4	SOHC
302			5.0		79-82		351		5.8	Modified	75-82	
351			5.8	Modified	78-82		351		5.8	Windsor	75-96	
351			5.8	Windsor	78-82	400		6.6		80-82		
E-200 ECONOLINE		170		2.8		68-71	420		6.9		83-87	
		240		3.9		68-74	445		7.3		88-94	
	300		4.9		72-74	445		7.3	Powerstroke Engine	95-03		
	302		5.0		68-74	460		7.5		75-96		
	E-200 ECONOLINE - CHATEAU WAGON	240		3.9		71-72	E-350 ECONOLINE - HD CLUB WAGON	300		4.9		92-96
		302		5.0		71-72		415		6.8		97-98
E-200 ECONOLINE - CLUB WAGON	170		2.8		68-70	330			5.4	SOHC	97-98	
	240		3.9		68-74	351			5.8	Windsor	92-96	
	300		4.9		74	445			7.3		92-94	
	302		5.0		68-74	445			7.3	Powerstroke Engine	95-98	
						460		7.5		92-96		
E-200 ECONOLINE - CUSTOM WAGON	240		3.9		71-72	E-350 ECONOLINE - SUPER	300		4.9		78-96	
	302		5.0		71-72		415		6.8		97-98	
E-250 ECONOLINE	300		4.9		75-96		302		5.0		79-80	
	415		6.8		97		330		5.4	SOHC	97-99	
	256		4.2	OHV	97-03		351		5.8	Modified	78-82	
	281		4.6	SOHC	97-05		351		5.8	Windsor	78-96	
	302		5.0		75-93	400		6.6		80-82		
	330		5.4	SOHC	97-05	420		6.9		83-87		
	351		5.8	Modified	75-82	445		7.3		88-94		
	351		5.8	Windsor	75-96	445		7.3	Powerstroke Engine	95-98		
	400		6.6		80	460		7.5		78-96		
	460		7.5		75-96	E-350 ECONOLINE - SUPER WAGON	300		4.9		78-96	
	E-250 ECONOLINE - CLUB WAGON	300		4.9			77-91	415		6.8		97-98
		302		5.0			79-80	302		5.0		79-80
351			5.8	Modified	75-82		330		5.4	SOHC	97-99	
351			5.8	Windsor	75-91							

**FORD MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
E-350 ECONOLINE - SUPER WAGON	351		5.8	Windsor	78-96	F-100 PICKUP - SUPER CAB	351		5.8	Modified	77-79
	400		6.6		80-82		351		5.8	Windsor	77-79
	420		6.9		83-87		400		6.6		77-78
	445		7.3		88-94	F-150 - FX4	330		5.4	SOHC	05
	445		7.3	Powerstroke Engine	95-98	F-150 - KING RANCH	330		5.4	SOHC	05
	460		7.5		78-96	F-150 - LARIAT	330		5.4	SOHC	05
E-350 SUPER DUTY - CHATEAU	415		6.8		06	F-150 - STX	256		4.2	OHV	05-06
E-350 SUPER DUTY - XL	415		6.8		06		281		4.6	SOHC	05
E-350 SUPER DUTY - XLT	415		6.8		06	F-150 - XL	256		4.2	OHV	05-06
E-450 ECONOLINE	415		6.8		03-05		281		4.6	SOHC	05
	330		5.4	SOHC	03-05		330		5.4	SOHC	05
	445		7.3	Powerstroke Engine	03	F-150 PICKUP	240		3.9		75
ECONOLINE	144		2.4		61-66		300		4.9		75-96
	170		2.8		62-67		256		4.2	OHV	97-03
	240		3.9		67		281		4.6	SOHC	97-04
ELITE	351		5.8	Modified	75-76		302		5.0		75-96
	351		5.8	Windsor	75-76		330		5.4	SOHC	97-04
	400		6.6		75-76		351		5.8	Modified	77-82
	460		7.5		75-76		351		5.8	Windsor	77-96
ESCAPE	122	1989	2.0	DOHC (Zetec)	01-04		360		5.9		75-76
	140		2.3	Duratec	05		390		6.4		75-76
	182		3.0	Duratec	01-05		400		6.6		77-79
ESCAPE - XLS	140		2.3	Duratec	06		420		6.9		84
ESCAPE - XLT	140		2.3	Duratec	06		460		7.5		75-79
ESCORT	98	1598	1.6	OHC	81-82	F-150 PICKUP - HARLEY-DAVIDSON EDITION	330		5.4	SOHC	01-03
	116		1.9	SOHC	93-96	F-150 PICKUP - HERITAGE	256		4.2	OHV	04
	122	1989	2.0	SOHC	97-02		281		4.6	SOHC	04
ESCORT - GL	98	1598	1.6	OHC	83-85	F-150 PICKUP - LIGHTNING	330		5.4	SOHC	99-03
	116		1.9	SOHC	85-88		351		5.8	Windsor	93-95
	122	1989	2.0	Mazda RF	84-87	F-150 PICKUP - SUPER CAB	300		4.9		77-96
ESCORT - GLX	98	1598	1.6	OHC	83		256		4.2	OHV	97
ESCORT - GT	98	1598	1.6	OHC	83-85		281		4.6	SOHC	97-98
	112		1.8	Mazda BP DOHC	91-96		302		5.0		77-96
	116		1.9	SOHC	86-90		330		5.4	SOHC	97
ESCORT - L	98	1598	1.6	OHC	83-85		351		5.8	Modified	77-82
	116		1.9	SOHC	85-86		351		5.8	Windsor	77-96
	122	1989	2.0	Mazda RF	84-86		400		6.6		77-79
ESCORT - LX	98	1598	1.6	OHC	85		460		7.5		77-79
	116		1.9	SOHC	86-96	F-250 PICKUP	240		3.9		65-74
	122	1989	2.0	Mazda RF	86		300		4.9		65-96
	122	1989	2.0	SOHC	97-98		256		4.2	OHV	98
ESCORT - LX-E	112		1.8	Mazda BP DOHC	92-93		281		4.6	SOHC	97-99
ESCORT - PONY	116		1.9	SOHC	87-92		302		5.0		72-96
ESCORT - SPORT	116		1.9	SOHC	93-95		330		5.4	SOHC	97-99
	122	1989	2.0	SOHC	97-98		351		5.8	Modified	77-82
EXCURSION	415		6.8		00-05		351		5.8	Windsor	77-97
	330		5.4	SOHC	00-05		352		5.8		66-67
	445		7.3	Powerstroke Engine	00-03		360		5.9		68-76
EXP	98	1598	1.6	OHC	82-85		390		6.4		68-76
	116		1.9	SOHC	86		400		6.6		77-82
EXP - LUXURY	116		1.9	SOHC	87-88		420		6.9		83-87
EXP - SPORTY	116		1.9	SOHC	87		445		7.3		88-94
EXPEDITION	281		4.6	SOHC	97-04		445		7.3	Powerstroke Engine	93-97
	330		5.4	SOHC	97-05		460		7.5		73-97
EXPLORER	245		4.0	OHV	91-00	F-250 PICKUP - SUPER CAB	300		4.9		77-96
	245		4.0	SOHC	97-03		256		4.2	OHV	97
	281		4.6	SOHC	02-05		281		4.6	SOHC	97-99
	302		5.0		96-01		302		5.0		77-96
EXPLORER - SPORT	245		4.0	SOHC	01-03		330		5.4	SOHC	97
EXPLORER SPORT TRAC	245		4.0	SOHC	01-03		351		5.8	Modified	77-82
F-100 PICKUP	240		3.9		65-75		351		5.8	Windsor	77-97
	300		4.9		65-83		400		6.6		77-82
	232		3.8	OHV	82-83		420		6.9		83-87
	255		4.2		81-82		445		7.3		88-94
	302		5.0		69-83		445		7.3	Powerstroke Engine	93-97
	351		5.8	Modified	77-81		460		7.5		77-97
	351		5.8	Windsor	77-81	F-250 SUPER DUTY - KING RANCH	415		6.8		06
	352		5.8		66-67	F-250 SUPER DUTY - LARIAT	415		6.8		06
	360		5.9		68-76						
	390		6.4		68-76						
	400		6.6		77-79						
	460		7.5		73-79						

## FORD MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
F-250 SUPER DUTY - XL	415		6.8		06	FAIRLANE	390		6.4		64-69
F-250 SUPER DUTY - XLT	415		6.8		06	FAIRLANE	427		7.0		64-69
F-250 SUPER DUTY PICKUP	415		6.8		99-05	FAIRLANE - 500	428		7.0		68-69
	330		5.4	SOHC	99-05		200		3.3	7 Main	68
	445		7.3	Powerstroke Engine	99-03		250		4.1		69-70
F-350 PICKUP	240		3.9		65-74		289		4.7		68
	300		4.9		65-96		302		5.0		68-70
	302		5.0		72-80		351		5.8	Cleveland	70
	351		5.8	Modified	77-82		351		5.8	Windsor	69-70
	351		5.8	Windsor	77-97		390		6.4		68-69
	352		5.8		66-67	FAIRMONT	427		7.0		69
	360		5.9		68-76		428		7.0		68
	361		5.9		64-65		429		7.0		70
	390		6.4		68-76	FAIRMONT	140		2.3	OHC	78-82
	400		6.6		77-82		200		3.3	7 Main	78-82
	420		6.9		83-87		255		4.2		80-82
	445		7.3		88-94	FAIRMONT - FUTURA	302		5.0		78-79
	445		7.3	Powerstroke Engine	93-97		140		2.3	OHC	78-83
	460		7.5		73-97		200		3.3	7 Main	78-83
F-350 PICKUP - SUPER CAB	300		4.9		79-80	FALCON	255		4.2		80-82
	302		5.0		79-80		302		5.0		78-79
	351		5.8	Modified	77-80		144		2.4		60-64
	351		5.8	Windsor	77-97		170		2.8		60-69
	400		6.6		77-80		200		3.3	4 Main	63-64
	445		7.3		88-94		200		3.3	7 Main	65-70
	445		7.3	Powerstroke Engine	93-97		250		4.1		70
	460		7.5		77-97		260		4.3		63-64
F-350 SUPER DUTY - KING RANCH	415		6.8		06		289		4.7		65
F-350 SUPER DUTY - LARIAT	415		6.8		06	FAIRMONT - FUTURA	200		3.3	7 Main	68-70
F-350 SUPER DUTY - XL	415		6.8		06		250		4.1		70
F-350 SUPER DUTY - XLT	415		6.8		06		289		4.7		68
F-350 SUPER DUTY PICKUP	415		6.8		99-05	FALCON SEDAN	302		5.0		68-70
	330		5.4	SOHC	99-05	DELIVERY	144		2.4		61-64
	445		7.3	Powerstroke Engine	99-03		170		2.8		61-65
F-450 SUPER DUTY - LARIAT	415		6.8		05-06		200		3.3	4 Main	64
F-450 SUPER DUTY - XL	415		6.8		05-06		200		3.3	7 Main	65
F-450 SUPER DUTY - XLT	415		6.8		05-06		260		4.3		63-64
F-450 SUPER DUTY PICKUP	415		6.8		99-04		289		4.7		65
	445		7.3		90-94	FESTIVA - GL	1295	1.3	Mazda B3		91-93
	445		7.3	Powerstroke Engine	99-03	FESTIVA - L	1295	1.3	Mazda B3		88-93
F-500 PICKUP	330		5.4		75-77	FESTIVA - L PLUS	1295	1.3	Mazda B3		90
	360		5.9		75-77	FESTIVA - LX	1295	1.3	Mazda B3		88-92
	390		6.4		75-77	FIESTA	98	1598	1.6	OHV (Fiesta)	78-80
F-550 SUPER DUTY - LARIAT	415		6.8		05-06	FOCUS - LE	122	1989	2.0	SOHC	00
F-550 SUPER DUTY - XL	415		6.8		05-06	FOCUS - LX	122	1989	2.0	SOHC	00-04
F-550 SUPER DUTY - XLT	415		6.8		05-06		140		2.3	Duratec	03-04
F-550 SUPER DUTY PICKUP	415		6.8		99-04	FOCUS - S2	121	1989	2.0	DOHC (Zetec)	01-02
	445		7.3		90-94	FOCUS - SE	121	1989	2.0	DOHC (Zetec)	03
	445		7.3	Powerstroke Engine	95-03		122	1989	2.0	SOHC	00-04
	460		7.5		90-97	FOCUS - STREET	140		2.3	Duratec	03-04
F-550 SUPER DUTY - LARIAT	415		6.8		05-06	FOCUS - SVT	121	1989	2.0	DOHC (Zetec)	02-04
F-550 SUPER DUTY - XL	415		6.8		05-06	FOCUS - ZTS	121	1989	2.0	DOHC (Zetec)	00-04
F-550 SUPER DUTY - XLT	415		6.8		05-06		140		2.3	Duratec	03-04
F-550 SUPER DUTY PICKUP	415		6.8		99-04	FOCUS - ZTW	121	1989	2.0	DOHC (Zetec)	02-03
	445		7.3	Powerstroke Engine	99-03		140		2.3	Duratec	03-04
F53 STRIPPED CHASSIS	460		7.5		88-97	FOCUS - ZX3	121		2.0	Duratec	05-06
F59 STRIPPED CHASSIS	445		7.3		88-94		121	1989	2.0	DOHC (Zetec)	00-04
	445		7.3	Powerstroke Engine	93-96		140		2.3	Duratec	03-04
FAIRLANE	170		2.8		63-66	FOCUS - ZX4	121		2.0	Duratec	05-06
	200		3.3	7 Main	65-68	FOCUS - ZX4 ST	140		2.3	Duratec	05-06
	250		4.1		69	FOCUS - ZX5	121		2.0	Duratec	05-06
	221		3.6		62-63		121	1989	2.0	DOHC (Zetec)	02-04
	260		4.3		62-64	FOCUS - ZXW	140		2.3	Duratec	03-04
	289		4.7		64-68	FORD 300	200		3.3	4 Main	63
	302		5.0		68-69		260		4.3		63
	351		5.8	Windsor	69		289		4.7		63
						FREESTAR	256		4.2	OHV	04-05
						FREESTAR - LIMITED	256		4.2	OHV	06
						FREESTAR - SEL	256		4.2	OHV	06
						FUSION - S	140		2.3	Duratec	06
						FUSION - SE	140		2.3	Duratec	06
						FUSION - SEL	140		2.3	Duratec	06
						GALAXIE	200		3.3	4 Main	63
							240		3.9		65-67



**FORD MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years		
GALAXIE	260		4.3		64	LTD	351		5.8	Windsor	69-82		
	289		4.7		63-67		390		6.4			65-71	
	352		5.8		64-66		400		6.6			71-78	
	390		6.4		64-67		427		7.0			65-68	
	427		7.0		65-67		428		7.0			67-69	
	428		7.0		66-67		429		7.0			69-73	
GALAXIE 500	240		3.9		68-72	LTD - BROUGHAM	460		7.5		72-78		
	302		5.0		68-72		140		2.3	OHC		83-86	
	351		5.8	Cleveland	70-74		200		3.3	7 Main		83	
	351		5.8	Windsor	69-74		232		3.8	OHV		83-86	
	390		6.4		68-71		302		5.0			71-85	
	400		6.6		71-74		351		5.8	Cleveland		71-74	
	427		7.0		68		351		5.8	Modified		75-76	
	428		7.0		68-69		351		5.8	Windsor		71-76	
	429		7.0		69-73		390		6.4			71	
	460		7.5		73-74		400		6.6			71-76	
	302		5.0		68-70		429		7.0			71-73	
GALAXIE 500 - XL	351		5.8	Cleveland	70	LTD - COUNTRY SQUIRE	460		7.5		72-76		
	351		5.8	Windsor	69-70		302		5.0			80-86	
	390		6.4		68-70		351		5.8	Modified		80-81	
	428		7.0		68-69		351		5.8	Windsor		80-86	
	429		7.0		69-70		LTD - CROWN VICTORIA	255		4.2			81-82
GRAN TORINO	250		4.1		72-74	302			5.0			80-86	
	302		5.0		72-74	351			5.8	Modified		80-82	
	351		5.8	Cleveland	72-74	351			5.8	Windsor		80-86	
	351		5.8	Modified	75-76	LTD - LANDAU		302		5.0			77-79
	351		5.8	Windsor	72-76		351		5.8	Modified		75-79	
	400		6.6		72-76		351		5.8	Windsor		75-79	
429		7.0		72-73	400			6.6			75-78		
460		7.5		74-76	460			7.5			75-78		
GRAN TORINO - BROUGHAM	302		5.0		74	LTD - LX LTD - S	302		5.0		85		
	351		5.8	Cleveland	74		255		4.2			81-82	
	351		5.8	Modified	75-76		302		5.0			80-82	
	400		6.6	Windsor	74-76		351		5.8	Modified		80-82	
	460		7.5		74-76		351		5.8	Windsor		80-82	
GRAN TORINO - ELITE	250		4.1		74	LTD II	302		5.0		77-79		
	351		5.8	Cleveland	74		351		5.8	Modified		77-79	
	351		5.8	Windsor	74		351		5.8	Windsor		77-79	
	400		6.6		74		LTD II - BROUGHAM	400		6.6		77-78	
	460		7.5		74			302		5.0			77
GRAN TORINO - SPORT	302		5.0		72-74	351			5.8	Modified		77	
	351		5.8	Cleveland	72-74	351			5.8	Windsor		77	
	351		5.8	Modified	75	400			6.6			77	
	351		5.8	Windsor	72-75	LTD II - S	302		5.0			77-79	
	400		6.6		72-75		351		5.8	Modified		77-79	
	429		7.0		72-75		351		5.8	Windsor		77-79	
460		7.5		72-73	400			6.6			77-78		
GRAN TORINO - SQUIRE	302		5.0		74-75		LTD II - SQUIRE	351		5.8	Modified		77
	351		5.8	Cleveland	72-74	351			5.8	Windsor		77	
	351		5.8	Modified	75-76	400			6.6			77	
	351		5.8	Windsor	72-76	M-400		302		5.0			77-79
	400		6.6		72-76			351		5.8	Modified		77-79
	429		7.0		72-73		351		5.8	Windsor		77-79	
	460		7.5		74-76		400		6.6			77-78	
	GRANADA	140		2.3	OHC		81-82	M-450 MAVERICK	351		5.8	Modified	
		200		3.3	7 Main	75-82	351			5.8	Windsor		77
		250		4.1		75-80	400			6.6			77
232			3.8	OHV	82	360			5.9			73	
255			4.2		80-81	390			6.4			71-73	
302			5.0		75-80	360			5.9			74	
351			5.8	Modified	75-77	170			2.8			70-72	
351			5.8	Windsor	75-77	200			3.3	7 Main		70-77	
GRANADA - GHIA		200		3.3	7 Main	77	MUSTANG		250		4.1		70-77
		250		4.1		75-77			302		5.0		
	302		5.0		75-77	140			2.3	OHC		79-84	
	351		5.8	Modified	75-77	170			2.8			64-65	
	351		5.8	Windsor	75-77	200			3.3	4 Main		64	
	351		5.8	Windsor	75-77	200			3.3	7 Main		65-82	
LTD	140		2.3	OHC	83-86	MUSTANG - BOSS 351	250		4.1		69-73		
	200		3.3	7 Main	83		171		2.8			79	
	232		3.8	OHV	83-86		232		3.8	OHV		83-04	
	255		4.2		81-82		255		4.2			80-82	
	289		4.7		67-68		260		4.3			64	
	302		5.0		68-85		289		4.7			64-68	
	351		5.8	Cleveland	70-74		302		5.0			68-84	
	351		5.8	Modified	75-82		351		5.8	Cleveland		70-73	
	LTD - BROUGHAM	140		2.3	OHC		83-86	MUSTANG - BOSS 429	351		5.8	Windsor	69-73
		200		3.3	7 Main		83		390		6.4		
232			3.8	OHV	83-86	427			7.0			68	
255			4.2		81-82	428			7.0			68-70	
289			4.7		67-68	429			7.0			70-71	
302			5.0		68-85	351			5.8	Cleveland		71	
351			5.8	Cleveland	70-74	351			5.8	Windsor		71	
351			5.8	Modified	75-82	429			7.0			69	

## FORD MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
MUSTANG - BULLITT	281		4.6	SOHC	01	RANCH WAGON	302		5.0		68-72
MUSTANG - COBRA	281		4.6	DOHC	96-04		351		5.8	Cleveland	70-74
	302		5.0		93-94		351		5.8	Windsor	69-74
MUSTANG - COBRA R	351		5.8	Windsor	95		352		5.8		64-66
MUSTANG - COBRA SVT	302		5.0		95		390		6.4		64-71
MUSTANG - GHIA	140		2.3	OHC	79-82		400		6.6		71-76
	200		3.3	7 Main	79-81		427		7.0		64-66
	171		2.8		79		428		7.0		68-69
	255		4.2		80-81		429		7.0		69-73
	302		5.0		79		460		7.5		73-74
MUSTANG - GRANDE	200		3.3	7 Main	70	RANCH WAGON - POLICE CRUISER	428		7.0		70
	250		4.1		70-73	RANCHERO	144		2.4		60-64
	302		5.0		70-73		170		2.8		61-65
	351		5.8	Cleveland	70-73		200		3.3	4 Main	64
	351		5.8	Windsor	70-73		200		3.3	7 Main	65-68
	428		7.0		70		250		4.1		69-71
	429		7.0		70-71		260		4.3		63-64
MUSTANG - GT	140		2.3	OHC	84		289		4.7		65-67
	281		4.6	SOHC	96-04		302		5.0		68-71
	302		5.0		84-95		351		5.8	Cleveland	70-71
MUSTANG - GTS	302		5.0		95		351		5.8	Windsor	69-71
MUSTANG - L	140		2.3	OHC	84		390		6.4		67-69
	232		3.8	OHV	84		428		7.0		68-69
	302		5.0		84		429		7.0		70-71
MUSTANG - LX	140		2.3	OHC	85-93	RANCHERO - 500	250		4.1		70-73
	232		3.8	OHV	85-86		302		5.0		70-79
	302		5.0		85-93		351		5.8	Cleveland	70-74
MUSTANG - MACH I	250		4.1		71		351		5.8	Modified	75-79
	302		5.0		70-73		351		5.8	Windsor	70-79
	351		5.8	Cleveland	70-73		400		6.6		72-78
	351		5.8	Windsor	70-73		429		7.0		70-73
	428		7.0		70		460		7.5		74-77
	429		7.0		70-71	RANCHERO - GT	250		4.1		71-72
MUSTANG - SVO	140		2.3	OHC	84-86		302		5.0		68-79
MUSTANG II	122	1989	2.0	OHC (Pinto)	74		351		5.8	Cleveland	70-74
	140		2.3	OHC	74-78		351		5.8	Modified	75-79
	171		2.8		74-78		351		5.8	Windsor	69-79
	302		5.0		75-78		390		6.4		68-69
MUSTANG II - 2+2	122	1989	2.0	OHC (Pinto)	74		400		6.6		72-78
	140		2.3	OHC	74		428		7.0		69
	171		2.8		74		429		7.0		70-73
MUSTANG II - GHIA	122	1989	2.0	OHC (Pinto)	74		460		7.5		74-77
	140		2.3	OHC	74-78	RANCHERO - SQUIRE	250		4.1		70-73
	171		2.8		74-78		302		5.0		70-79
	302		5.0		75-78		351		5.8	Cleveland	70-74
MUSTANG II - MACH I	140		2.3	OHC	74		351		5.8	Modified	75-79
	171		2.8		74-78		351		5.8	Windsor	70-79
	302		5.0		75-78		400		6.6		72-78
P-100	170		2.8		65-67		429		7.0		70-73
P-350	240		3.9		68-72		460		7.5		74-76
	300		4.9		68-76	RANGER	122	1989	2.0	OHC	83-88
	302		5.0		72-76		134		2.2	Mazda S2	83-84
	360		5.9		73		140		2.3	Duratec	01-04
	390		6.4		72-73		140		2.3	Mits 4D55	85-87
	400		6.6		76		140		2.3	OHC	83-97
P-400	300		4.9		75-76		153		2.5	SOHC	98-01
	400		6.6		75-76		171		2.8		83-85
P-500	300		4.9		75-77		177		2.9		86-92
	400		6.6		75-77		182		3.0	OHV (Vulcan)	91-04
PINTO	98	1598	1.6	OHV (Kent / Pinto)	71-73		245		4.0	OHV	90-00
	122	1989	2.0	OHC (Pinto)	71-74		245		4.0	SOHC	01-03
	140		2.3	OHC	74-80	RANGER - EDGE	182		3.0	OHV (Vulcan)	05
	171		2.8		75-79	RANGER - SPORT	140		2.3	Duratec	06
PROBE	122	1989	2.0	Mazda FS DOHC	97		182		3.0	OHV (Vulcan)	06
PROBE - GL	133		2.2	Mazda F2	89-92	RANGER - STX	182		3.0	OHV (Vulcan)	06
PROBE - GT	133		2.2	Mazda F2	89-92	RANGER - SUPER	140		2.3	OHC	86-97
	152	2450	2.5	Mazda KL (24V DOHC)	93-97		153		2.5	SOHC	98
							177		2.9		86-92
PROBE - LX	133		2.2	Mazda F2	89		182		3.0	OHV (Vulcan)	91-98
	182		3.0	OHV (Vulcan)	90-92		245		4.0	OHV	90-98
PROBE - SE	122	1989	2.0	Mazda FS DOHC	93-96	RANGER - XL	140		2.3	Duratec	05-06
RANCH WAGON	144		2.4		62		182		3.0	OHV (Vulcan)	05-06
	170		2.8		62-67	RANGER - XLT	140		2.3	Duratec	05-06
	200		3.3	4 Main	63		182		3.0	OHV (Vulcan)	05-06
	200		3.3	7 Main	66-67	SPRINT	170		2.8		63
	240		3.9		65-69		221		3.6		63
	260		4.3		63-64		260		4.3		63-64
	289		4.7		63-68	SUNLINER	200		3.3	4 Main	63

**FORD MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
SUNLINER	260		4.3		64	THUNDERBIRD	460		7.5		72-76
	289		4.7		63	THUNDERBIRD - LX	232		3.8	OHV	87-97
	352		5.8		64		281		4.6	SOHC	94-97
	390		6.4		64		302		5.0		87-93
TAURUS	153		2.5	OHV (HSC)	86	THUNDERBIRD - SC	232		3.8	OHV	89-95
	182		3.0	Duratec	99-05	THUNDERBIRD - SPORT	140		2.3	OHC	87-88
	182		3.0	OHV (Vulcan)	86-05		302		5.0		87-88
TAURUS - G	182		3.0	OHV (Vulcan)	96-97	TORINO	200		3.3	7 Main	68
TAURUS - GL	153		2.5	OHV (HSC)	87-90		250		4.1		69-74
	182		3.0	Duratec	96-98		289		4.7		68
	182		3.0	OHV (Vulcan)	87-98		302		5.0		68-74
TAURUS - L	232		3.8	OHV	88-95		351		5.8	Cleveland	70-74
	153		2.5	OHV (HSC)	87-90		351		5.8	Modified	75-76
	182		3.0	OHV (Vulcan)	87-92		351		5.8	Windsor	69-76
TAURUS - LX	232		3.8	OHV	88-92		390		6.4		68-69
	153		2.5	OHV (HSC)	87		400		6.6		72-76
	182		3.0	Duratec	96-98		428		7.0		69
	182		3.0	OHV (Vulcan)	87-95		429		7.0		70-73
TAURUS - MT5	232		3.8	OHV	88-95		460		7.5		73-76
	153		2.5	OHV (HSC)	87-88	TORINO - 500	250		4.1		71
	182		3.0	OHV (Vulcan)	87-88		302		5.0		71
TAURUS - SE	182		3.0	Duratec	06		351		5.8	Cleveland	71
	182		3.0	OHV (Vulcan)	95-06		351		5.8	Windsor	71
	232		3.8	OHV	95		429		7.0		71
TAURUS - SEL	182		3.0	Duratec	06		302		5.0		70-71
	182		3.0	OHV (Vulcan)	06	TORINO - BROUGHAM	302		5.0		70-71
TAURUS - SHO	182		3.0	SHO (DOHC)	89-95		351		5.8	Cleveland	70-71
	195		3.2	SHO (DOHC)	93-95		351		5.8	Windsor	70-71
TEMPO	140		2.3	OHV (HSC)	87-91		429		7.0		70-71
TEMPO - GL	122	1989	2.0	Mazda RF	84-86	TORINO - COBRA	428		7.0		69
	140		2.3	OHV (HSC)	84-94		429		7.0		70-71
	182		3.0	OHV (Vulcan)	92-94	TORINO - GT	289		4.7		68
TEMPO - GLS	140		2.3	OHV (HSC)	91		302		5.0		68-71
	182		3.0	OHV (Vulcan)	92		351		5.8	Cleveland	70-71
TEMPO - GLX	122	1989	2.0	Mazda RF	84-85		351		5.8	Windsor	69-71
	140		2.3	OHV (HSC)	84-85		390		6.4		68-69
TEMPO - L	122	1989	2.0	Mazda RF	84-85		428		7.0		68-69
	140		2.3	OHV (HSC)	84-91		429		7.0		70-71
TEMPO - LX	122	1989	2.0	Mazda RF	86	TORINO - SQUIRE	250		4.1		69
	140		2.3	OHV (HSC)	86-94		302		5.0		69-71
	182		3.0	OHV (Vulcan)	92-94		351		5.8	Cleveland	70-71
TEMPO - SPORT	140		2.3	OHV (HSC)	87-90		351		5.8	Windsor	69-71
THUNDERBIRD	140		2.3	OHC	83-88		390		6.4		69
	200		3.3	7 Main	80-82		429		7.0		70-71
	232		3.8	OHV	82-92	TORINO - SUPER	429		7.0		70-71
	255		4.2		80-82	COBRA JET	429		7.0		70-71
	302		5.0		77-92	VICTORIA	200		3.3	4 Main	63
	351		5.8	Modified	77-79		260		4.3		63-64
	351		5.8	Windsor	77-79		289		4.7		63
	390		6.4		64-68		352		5.8		64
	400		6.6		72-78		390		6.4		64
	427		7.0		64-67	WINDSTAR	182		3.0	OHV (Vulcan)	95-00
	428		7.0		66-67		232		3.8	OHV	95-03
	429		7.0		68-73	ZX2	121	1989	2.0	DOHC (Zetec)	98-03

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1295cc (1.3) Mazda B3	H	L4	71mm x 83.6mm	Connecting Rod 25-29 ft.lbs/34-39 Nm	1.3L engine
1295cc (1.3) Mazda B3	K	L4	71mm x 83.6mm	Main Bearing 40-44 ft.lbs/54-59 Nm	
112 (1.8) Mazda BP DOHC	8	L4	83mm x 85mm	Connecting Rod 37-40 ft.lbs/50-54 Nm	1.8L engine

Rod - 1.3L engine only.									
	39.939/1.5724	43.000/1.6929	1.509/0.0594	.028/.0011	17.00/0.669	F820	8	8331AL IH	4B8331 Std. .25 .50 .75 1.0
	39.954/1.5730	43.019/1.6937		.079/.0031					

Rod - 1.8L engines only.									
	44.940/1.7693	47.996/1.8896	1.510/0.0594	.020/.0008	17.00/0.669	F810	8	8351A IH	4B8351 Std. .25 .50 .75 1.0
	44.956/1.7699	48.016/1.8904		.071/.0028					

# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>5M8353</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/.0009 .076/.0030	17.50/0.689	F810	5	8354A U
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/.0009 .076/.0030	17.50/0.689	F810	5	8353A L
	<b>Thrust</b>								
<b>1T8353</b> Std.	4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH
<i>Note: Set includes two pieces, use on No.4 position. Required with 5M8353 main set.</i>									

<b>2 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1297cc (1.3) Courier Van (HCS)	L4		73.96mm x 75.48mm	
1297cc (1.3) Escort (HCS)	L4		73.96mm x 75.48mm	
1297cc (1.3) Fiesta (HCS)	L4		73.96mm x 75.48mm	
1297cc (1.3) Ka (HCS)	L4		73.96mm x 75.48mm	

<b>4B1810</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		40.990/1.6138 41.010/1.6146	43.990/1.7319 44.010/1.7327	1.485/0.0585	.010/.0004 .076/.0030	18.00/0.709	F780	8	1810 IH
<b>5M1815</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	56.990/2.2437 57.000/2.2441	60.623/2.3867 60.636/2.3872	1.805/0.0711	.013/.0005 .062/.0024	18.50/0.728	F780	10	1815 U/L
<b>1T1649</b> Std.	<b>Thrust</b>								
		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748			2.85/0.112	F250	2	1649T U
<i>Note : Set contains two pieces. Required with 5M1815 main set.</i>									

<b>3 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1558cc (1.6) Escort & Cortina Lotus (Twin Cam)	L4		82.5mm x 72.8mm	

<b>4B603P</b> Std. 10 20 30 40	<b>Rod</b>								
		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/0.0722	.015/.0006 .064/.0025	22.35/0.880	F780	8	5216 IH
<b>5M2152+015</b> Std. 10 20 30 40	<b>Main - .015" oversize OD version of 5M742P.</b>								
	1-5	53.988/2.1255 54.000/2.1260	58.064/2.2860 58.077/2.2865	2.027/0.0798	.013/.0005 .056/.0022	25.53/1.005	F780	10	2152+015 IH
<b>5M742P</b> Std. 10 20 30 40	<b>Main</b>								
	1-5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.840/0.0724	.013/.0005 .056/.0022	25.53/1.005	F780	10	2152 IH
<b>1T113S</b> Std. +.005	<b>Thrust</b>								
	3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.36/0.093	F250	2	2152T IH
<b>10C5808</b> Std.	<b>Cam Tower - Split cam type insert</b>								
		25.400/1.0000 25.412/1.0005	28.587/1.1255 28.800/1.1339	1.584/0.0624	.007/.0003 .048/.0019	19.18/0.755	F23	16	5808 IH
		25.400/1.0000 25.412/1.0005	28.587/1.1255 28.600/1.1260	1.584/0.0624	.007/.0003 .048/.0019	12.82/0.505	F23	4	5809 IH
	<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M742P/5M2152+015 main set.</i>								

<b>4 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
98 1598cc (1.6) OHV (Fiesta)	L4		3.19 x 3.06	Connecting Rod 30-35 ft.lbs/41-47 Nm Main Bearing 55-60 ft.lbs/75-81 Nm

<b>4B603P</b> Std. 10 20 30 40	<b>Rod</b>								
		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/0.0722	.015/.0006 .064/.0025	22.35/0.880	F780	8	5216 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 4**
**Main**

1,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/0.0723	.015/.0006 .074/.0029	22.53/0.887	F780	4	MB2758AL	<b>5M1455AL</b> Std. 10 20
2,3,4	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/0.0723	.015/.0006 .074/.0029	25.53/1.005	F780	6	MB2759AL	

**Thrust**

3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.36/0.093	F250	2	2152T IH	<b>1T113S</b> Std. +.005
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*Note: Thrust set includes two pieces. Use on No. 3 position. Required with 5M1455AL.*
**Cam**

1	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		20.19/0.795	F23	1	F-28-1	<b>3C711S</b> Std.
2	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		17.53/0.690	F23	1	F-28-2	
3	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		20.19/0.795	F23	1	F-28-3	

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**98 1598cc (1.6) OHV (Kent / Pinto) W L4 3.19 x 3.06**  
**Connecting Rod 30-35 ft.lbs/41-47 Nm**  
**Main Bearing 55-60 ft.lbs/75-81 Nm**
**5**
**Rod**

	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/0.0722	.015/.0006 .064/.0025	22.35/0.880	F780	8	5216 IH	<b>4B603P</b> Std. 10 20 30 40
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**Main - .015" oversize OD version of 5M742P.**

1-5	53.988/2.1255 54.000/2.1260	58.064/2.2860 58.077/2.2865	2.027/0.0798	.013/.0005 .056/.0022	25.53/1.005	F780	10	2152+015 IH	<b>5M2152+015</b> Std. 10 20 30 40
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**Main**

1-5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.840/0.0724	.013/.0005 .056/.0022	25.53/1.005	F780	10	2152 IH	<b>5M742P</b> Std. 10 20 30 40
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**Thrust**

3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.36/0.093	F250	2	2152T IH	<b>1T113S</b> Std. +.005
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*Note: Set includes two pieces, use on No. 3 position. Required with 5M742P/5M2152+015 main set.*
**Cam**

1	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		20.19/0.795	F23	1	F-28-1	<b>3C711S</b> Std.
2	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		17.53/0.690	F23	1	F-28-2	
3	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		20.19/0.795	F23	1	F-28-3	

**Small End - not bored - single pieces.**

	20.625/0.8120 20.632/0.8123	22.327/0.8790 22.352/0.8800			26.67/1.050	F100	1	RB902	<b>RB902</b> Semi
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**AR Auxiliary**

Front	41.953/1.6517 41.978/1.6527	45.072/1.7745 45.099/1.7755	1.571/0.0619	.014/.0006 .081/.0032	12.95/0.510	F23	1	FG-29	<b>1C1094S</b> Std.
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**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**98 1598cc (1.6) OHC**      **2**    **L4**    **3.156 x 3.125**      **Connecting Rod 19-25 ft.lbs/26-34 Nm**  
**98 1598cc (1.6) OHC**      **4**    **L4**    **3.156 x 3.125**      **Main Bearing 67-80 ft.lbs/91-108 Nm**  
**98 1598cc (1.6) OHC**      **5**    **L4**    **3.156 x 3.125**  
**98 1598cc (1.6) OHC**      **7**    **L4**    **3.156 x 3.125**  
**98 1598cc (1.6) OHC Turbo**    **8**    **L4**    **3.156 x 3.125**
**6**
**Rod**

	47.889/1.8854 47.909/1.8862	50.889/2.0035 50.909/2.0043	1.487/0.0585	.006/.0002 .072/.0028	19.35/0.762	F780	8	5226 IH	<b>4B1276P</b> Std. 10 20 30
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# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 6 (Cont'd.)

Main									
5M1557P Std. 10 20 30	1-5	57.981/2.2827	62.286/2.4522	2.138/0.0842	.010/.0004	22.45/0.884	F780	9	5227
		58.001/2.2835	62.300/2.4528		.069/.0027				IH
3 (FI)		57.981/2.2827	62.286/2.4522	2.138/0.0842	.010/.0004	28.73/1.131	F780	1	5228
		58.001/2.2835	62.300/2.4528		.069/.0027				U

*Overflange length remains constant for standard and undersizes.*

## 7 ENGINE

VIN CYL Bore x Stroke TORQUE SETTINGS

110 (1.8) Mazda VB	L4	78mm x 94mm	Connecting Rod 30 ft.lbs/41 Nm (1972-74 engines only)
110 (1.8) Mazda VB	A L4	78mm x 94mm	Connecting Rod 31 ft.lbs/42 Nm (1975-82 engines only)
110 (1.8) Mazda VB	C L4	78mm x 94mm	Main Bearing 60 ft.lbs/81 Nm (1972-74 engines only)
122 (2.0) Mazda MA	1 L4	80mm x 98mm	Main Bearing 63 ft.lbs/85 Nm (1975-82 engines only)

Rod									
4B1626 Std. .25 .50 .75 1.0		52.941/2.0843	56.002/2.2048	1.510/0.0594	.028/.0011	21.97/0.865	F820	8	1626AL
		52.954/2.0848	56.017/2.2054		.071/.0028				IH
Main									
5M1627 Std. .25 .50 .75 1.0	1,2,4	62.939/2.4779	67.010/2.6382	2.007/0.0790	.030/.0012	18.00/0.709	F820	6	1627AL
		62.954/2.4785	67.018/2.6385		.071/.0028				IH
	3,5	62.939/2.4779	67.010/2.6382	2.007/0.0790	.030/.0012	24.00/0.945	F820	4	1628AL
		62.954/2.4785	67.018/2.6385		.071/.0028				U/L
Thrust									
2T4162 Std.	5	69.850/2.7500	85.470/3.3650			2.03/0.080	F1	4	4162T
		70.010/2.7563	85.725/3.3750						U/L

*Note - Set includes four pieces, use on No. 5 position. Required with 5M1627 main set.*

Cam									
3C8276 Std.	1	44.945/1.7695	49.009/1.9295	2.014/0.0793	.020/.0008	24.00/0.945	F23	2	8276
		44.961/1.7701	49.032/1.9304		.076/.0030				IH
	2,3	44.945/1.7695	49.009/1.9295	2.014/0.0793	.020/.0008	18.00/0.709	F23	4	8277
		44.961/1.7701	49.032/1.9304		.076/.0030				U/L

**Small End - not bored - single pieces.**

RB4017 Semi		22.000/0.8661 (Nominal)	25.000/0.9843 (Nominal)			28.07/1.105	F100	1	RB4017
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## 8 ENGINE

VIN CYL Bore x Stroke TORQUE SETTINGS

116 (1.9) SOHC	9 L4	3.23 x 3.46	Connecting Rod 19-25 ft.lbs/20-34 Nm (1985-88 engines)
116 (1.9) SOHC	J L4	3.23 x 3.46	Connecting Rod 26-30 ft.lbs/35-40 Nm (1989-96 engines)
			Main Bearing 67-80 ft.lbs/90-108 Nm

Rod - 1985-86 engines (1.8862" journal).									
4B1276P Std. 10 20 30		47.889/1.8854	50.889/2.0035	1.487/0.0585	.006/.0002	19.35/0.762	F780	8	5226
		47.909/1.8862	50.909/2.0043		.072/.0028				IH
Rod - High Strength Aluminum Silicon material.									
4B1380A Std. .25 .50		43.888/1.7279	46.888/1.8460	1.488/0.0586	.025/.0010	19.50/0.768	F810	8	5231A
		43.909/1.7287	46.909/1.8468		.071/.0028				IH
Rod - 1987-96 engines (1.7287" journal). To be superceded by 4B1380A when stock exhausted.									
4B1380P Std. .25 .50 .75 1.0		43.888/1.7279	46.888/1.8460	1.488/0.0586	.025/.0010	19.50/0.768	F780	8	5231
		43.909/1.7287	46.909/1.8468		.071/.0028				IH
Main									
5M1706P Std. .25 .50 .75	1-5	57.980/2.2827	62.286/2.4522	2.128/0.0838	.030/.0012	21.45/0.844	F780	5	5235
		58.000/2.2835	62.300/2.4528		.089/.0035				L
	1,2,4,5	57.980/2.2827	62.286/2.4522	2.128/0.0838	.030/.0012	22.45/0.884	F780	4	5236
		58.000/2.2835	62.300/2.4528		.089/.0035				U
	3(FI)	57.980/2.2827	62.286/2.4522	2.128/0.0838	.030/.0012	28.73/1.131	F780	1	5237
		58.000/2.2835	62.300/2.4528		.089/.0035				U

*Overflange length remains constant for standards and undersizes.*

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 8**
**Cam Tower - OHC Repair Bush Set.**

1		48.349/1.9035	1.277/0.0503		23.50/0.925	F23	1	FA-1-1	<b>5C6003S</b> Std.
2		48.222/1.8985	1.214/0.0478		23.50/0.925	F23	1	FA-1-2	
3		48.095/1.8935	1.151/0.0453		23.50/0.925	F23	1	FA-1-3	
4		47.968/1.8885	1.087/0.0428		23.50/0.925	F23	1	FA-1-4	
5		47.841/1.8835	1.024/0.0403		23.50/0.925	F23	1	FA-1-5	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>122 1989cc (2.0) OHC (Pinto)</b>	<b>X</b>	<b>L4</b>	<b>3.58 x 3.03</b>	<b>Connecting Rod 29-34 ft.lbs/39-46 Nm Main Bearing 65-75 ft.lbs/88-102 Nm</b>

**9**
**Rod**

	51.990/2.0468 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.490/0.0589	.008/.0003 .064/.0025	20.00/0.787	F780	8	5220 IH	<b>4B943P</b> Std. .25 .50 .75 1.0
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**Main**

1-5	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.810/0.0713	.010/.0004 .066/.0026	23.57/0.928	F780	10	5221 IH	<b>5M1084P</b> Std. .25 .50 .75 1.0
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**Thrust**

3	63.600/2.5039 63.850/2.5138	80.240/3.1590 80.500/3.1693			2.35/0.093	F250	4	2167T U/L	<b>2T218S</b> Std.
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Note : Set includes four pieces, use on No.3 position. Required with 5M1084P main set.

**Cam**

1	41.990/1.6531 42.010/1.6539	45.085/1.7750 45.110/1.7760	1.520/0.0600		20.07/0.790	F23	1	F-29-1	<b>3C733S</b> Std.
2	44.610/1.7563 44.630/1.7571	47.700/1.8780 47.725/1.8790	1.520/0.0600		17.02/0.670	F23	1	F-29-2	
3	44.990/1.7712 45.010/1.7720	48.082/1.8930 48.108/1.8940	1.520/0.0600		16.00/0.630	F23	1	F-29-3A	

**AR Auxiliary**

Front	41.953/1.6517 41.978/1.6527	45.072/1.7745 45.099/1.7755	1.571/0.0619	.014/.0006 .081/.0032	12.95/0.510	F23	1	FG-29	<b>1C1094S</b> Std.
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>122 1989cc (2.0) Mazda FS DOHC</b>	<b>A</b>	<b>L4</b>	<b>83mm x 92mm</b>	<b>Connecting Rod 16-20 ft.lbs/22-27 Nm + 82-97 deg. Main Bearing 13-16 ft.lbs/18-22 Nm + 85-95 deg.</b>

**10**
**Rod**

	47.940/1.8874 47.955/1.8880	51.000/2.0079 51.015/2.0085	1.510/0.0594	.025/.0010 .071/.0028	17.00/0.669	F780	8	8300 IH	<b>4B8300</b> Std. .25 .50 .75 1.0
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**Main**

1-5	55.937/2.2022 55.955/2.2029	60.000/2.3622 60.015/2.3628	2.010/0.0791	.025/.0010 .074/.0029	17.50/0.689	F780	10	8302 U/L	<b>5M8302</b> Std. .25 .50 .75
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**Thrust**

4	62.000/2.4409 62.250/2.4508	81.350/3.2027 81.600/3.2126			2.55/0.100	F817	2	8302T IH	<b>1T8302</b> Std.
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Note : Set includes 2 pieces, use on No. 4 position. Required with 5M8302 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>122 1989cc (2.0) SOHC</b>	<b>P</b>	<b>L4</b>	<b>3.338 x 3.464</b>	<b>Connecting Rod 26-30 ft.lbs/35-41 Nm Main Bearing 66-79 ft.lbs/89-107 Nm</b>

**11**
**Rod - High Strength Aluminum Silicon material.**

	43.888/1.7279 43.909/1.7287	46.888/1.8460 46.909/1.8468	1.488/0.0586	.025/.0010 .071/.0028	19.50/0.768	F810	8	5231A IH	<b>4B1380A</b> Std. .25 .50
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**Rod - To be superseded by 4B1380A when stock exhausted.**

	43.888/1.7279 43.909/1.7287	46.888/1.8460 46.909/1.8468	1.488/0.0586	.025/.0010 .071/.0028	19.50/0.768	F780	8	5231 IH	<b>4B1380P</b> Std. .25 .50 .75 1.0
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# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 11 (Cont'd.)

<b>Main</b>									
<b>5M1706P</b> Std. .25 .50 .75	1-5	57.980/2.2827	62.286/2.4522	2.128/0.0838	.030/.0012	21.45/0.844	F780	5	5235
		58.000/2.2835	62.300/2.4528		.089/.0035				L
	1,2,4,5	57.980/2.2827	62.286/2.4522	2.128/0.0838	.030/.0012	22.45/0.884	F780	4	5236
		58.000/2.2835	62.300/2.4528		.089/.0035				U
	3(FI)	57.980/2.2827	62.286/2.4522	2.128/0.0838	.030/.0012	28.73/1.131	F780	1	5237
		58.000/2.2835	62.300/2.4528		.089/.0035				U

*Overflange length remains constant for standard and undersizes.*

## 12 ENGINE

122 1989cc (2.0) Mazda RF Diesel

VIN H

CYL L4

Bore x Stroke

86mm x 86mm

TORQUE SETTINGS

Connecting Rod 51-54 ft.lbs/69-73 Nm

Main Bearing 61-65 ft.lbs/83-88 Nm

<b>Rod</b>									
<b>4B2130</b> Std. .25 .50 .75 1.0		50.940/2.0055	54.002/2.1261	1.510/0.0594	.027/.0011	21.13/0.832	F810	8	2130A
		50.955/2.0061	54.017/2.1266		.083/.0033				IH
<b>Main</b>									
<b>5M2134</b> Std. .25 .50 .75 1.0	1,2,4,5	59.940/2.3598	63.999/2.5196	2.007/0.0790	.025/.0010	19.13/0.753	F780	8	2134
		59.960/2.3606	64.019/2.5204		.091/.0036				IH
	3	59.940/2.3598	63.999/2.5196	2.007/0.0790	.025/.0010	21.13/0.832	F780	2	2135
		59.960/2.3606	64.019/2.5204		.091/.0036				IH
<b>Thrust</b>									
<b>2T2134</b> Std.	3	68.800/2.7087	84.250/3.3169			2.05/0.081	F250	4	2134T
		(Nominal I.D.)	(Nominal O.D.)						U/L

*Note: Set includes four pieces, use on No.3 position. Required with 5M2134 main set.*

<b>Small End - not bored, single pieces.</b>									
<b>RB4077</b> Semi		24.987/0.9837	28.013/1.1029			26.75/1.053	F100	1	RB4077
		25.000/0.9843	28.033/1.1037						

## 13 ENGINE

122 1989cc (2.0) OHC

140 (2.3) OHC

140 (2.3) OHC

140 (2.3) OHC

140 (2.3) OHC

140 (2.3) OHC

140 (2.3) OHC Turbo

140 (2.3) OHC Turbo

140 (2.3) OHC

VIN C

CYL L4

Bore x Stroke

3.52 x 3.13

2 L4 3.78 x 3.13

6 L4 3.78 x 3.13

A L4 3.78 x 3.13

B L4 3.78 x 3.13

M L4 3.78 x 3.13

T L4 3.78 x 3.13

W L4 3.78 x 3.13

Y L4 3.78 x 3.13

TORQUE SETTINGS

Connecting Rod 30-36 ft.lbs/40-48 Nm

Main Bearing 80-90 ft.lbs/108-122 Nm

<b>Rod</b>									
<b>4B984P</b> Std. 10 20 30		51.981/2.0465	55.169/2.1720	1.580/0.0624	.012/.0005	20.32/0.800	F780	8	2186
		51.999/2.0472	55.189/2.1728		.076/.0030				IH
<b>Main - for 1974-90 single spark plug engines only, full groove.</b>									
<b>5M1117P</b> Std. 10 20 30 40	1,2,4,5	60.914/2.3982	65.791/2.5902	2.428/0.0956	.012/.0005	24.13/0.950	F780	8	2185
		60.935/2.3990	65.811/2.5910		.078/.0031				U/L
	3 (FI)	60.914/2.3982	65.791/2.5902	2.428/0.0956	.012/.0005	30.35/1.195	F780	2	2187
		60.935/2.3990	65.811/2.5910		.078/.0031				U/L

*Overflange length remains constant for standard and undersizes.*

<b>Main - 1989-97 dual spark plug engines.</b>									
<b>5M1743P</b> Std. .25 .50 .75 1.0	1-5	56.010/2.2051	60.886/2.3971	2.428/0.0956	.020/.0008	24.13/0.950	F780	4	1753
		56.030/2.2059	60.907/2.3979		.066/.0026				L
	1,2,4,5	56.010/2.2051	60.886/2.3971	2.428/0.0956	.020/.0008	24.13/0.950	F780	4	1753
		56.030/2.2059	60.907/2.3979		.066/.0026				U
	3 (FI)	56.010/2.2051	60.886/2.3971	2.428/0.0956	.020/.0008	30.33/1.194	F780	1	1754
		56.030/2.2059	60.907/2.3979		.066/.0026				U

*Overflange length remains constant for standard and undersizes.*



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 13**
**Main - Alt set to 5M1743P with +0.010" overflange length increase. \* See dimensional information below.**

1-5	56.010/2.2051	60.886/2.3971	2.553/0.1005	.020/.0008	24.13/0.950	F780	5	1753 L	<b>5M7194P</b> .25 .50 .75
	56.030/2.2059	60.907/2.3979	(@ 0.25 mm u/s)	.066/.0026					
1,2,4,5	56.010/2.2051	60.886/2.3971	2.553/0.1005	.020/.0008	24.13/0.950	F780	4	1753 U	
	56.030/2.2059	60.907/2.3979	(@ 0.25 mm u/s)	.066/.0026					
3 (FI)	56.010/2.2051	60.886/2.3971	2.553/0.1005	.020/.0008	30.58/1.204	F780	1	7194 U	
	56.030/2.2059	60.907/2.3979	(@ 0.25 mm u/s)	.066/.0026					

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 5M7194P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.204"	+0.010"
0.50 mm u/s shaft	1.204"	+0.010"
0.75 mm u/s shaft	1.204"	+0.010"

**Cam - Special oil control bearing - differs from OEM design. 360 OD groove.**

1-4	44.990/1.7713	48.275/1.9006	1.620/0.0638	17.73/0.698	F23	4	F-34-1B	<b>4C777BS</b> Std.
	45.010/1.7720	48.300/1.9016						
<b>Cam</b>								
1-4	44.990/1.7713	48.275/1.9006	1.620/0.0638	17.73/0.698	F23	4	F-34-1	<b>4C777S</b> Std.
	45.010/1.7720	48.300/1.9016						
<b>AR Auxiliary</b>								
1	41.960/1.6520	45.644/1.7970	1.810/0.0712	12.83/0.505	F23	1	AGB-34-1	<b>2C1095S</b> Std.
	41.986/1.6530	45.670/1.7980						
2	41.960/1.6520	45.136/1.7770	1.550/0.0612	12.83/0.505	F23	1	AGB-34-2	
	41.986/1.6530	45.160/1.7780						

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>121 1989cc (2.0) DOHC (Zetec)</b>	<b>3</b>	<b>L4</b>	<b>84.8mm x 87.9mm</b>	<b>Connecting Rod 16-19 ft.lbs + 90 deg</b>
<b>121 1989cc (2.0) DOHC (Zetec)</b>	<b>Z</b>	<b>L4</b>	<b>84.8mm x 87.9mm</b>	<b>Main Bearing 13-16 ft.lbs + 90 deg</b>
<b>122 1989cc (2.0) DOHC (Zetec)</b>	<b>5</b>	<b>L4</b>	<b>84.8mm x 87.9mm</b>	
<b>122 1989cc (2.0) DOHC (Zetec)</b>	<b>B</b>	<b>L4</b>	<b>84.8mm x 87.9mm</b>	

**Rod - High Strength Aluminum Silicon material.**

46.890/1.8461	49.890/1.9642	1.475/0.0581	.030/.0012	20.10/0.791	F810	8	4135A IH	<b>4B4135A</b> Std. .25 .50 .75
46.910/1.8468	49.910/1.9650		.086/.0034					

**Rod - .002" oversize OD version of 4B4135A.**

46.890/1.8461	49.940/1.9661	1.625/0.0640	.030/.0012	20.10/0.791	F810	8	9062A IH	<b>4B4135AO/S2</b> .25 .50 .75
46.910/1.8468	49.960/1.9669	(@ 0.25mm u/size)	.086/.0034					

**Main - High Strength Aluminum Silicon material.**

1,2,4,5	57.980/2.2827	62.287/2.4522	2.131/0.0839	.025/.0010	19.21/0.756	F810	9	7193A U/L	<b>5M7193A</b> Std. .25 .50 .75
	58.000/2.2835	62.300/2.4528		.074/.0029					
3 (FI)	57.980/2.2827	62.287/2.4522	2.131/0.0839	.025/.0010	24.68/0.972	F810	1	7195A U	
	58.000/2.2835	62.300/2.4528		.074/.0029					

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>121 (2.0) Duratec</b>	<b>N</b>	<b>L4</b>	<b>84.8mm x 87.9mm</b>	
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**Rod**

46.980/1.8496	50.025/1.9695	1.505/0.0593	.015/.0006	16.25/0.640	F780	8	4390 IH	<b>4B4390</b> Std. .25 .50
47.000/1.8504	50.045/1.9703		.075/.0030					

**Main**

1,2,4,5	51.980/2.0465	57.019/2.2448	2.520/0.0992	.015/.0006	19.09/0.752	F810	9	8173A U/L	<b>5M8174A</b> Std. .25 .50 .75
	52.000/2.0472	57.037/2.2455		.045/.0018					
3 (FI)	51.980/2.0465	57.019/2.2448	2.517/0.0991	.015/.0006	25.75/1.014	F810	1	8174A U	
	52.000/2.0472	57.037/2.2455		.045/.0018					

# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>16 ENGINE</b>									
<b>133 (2.2) Mazda F2</b>		<b>C L4</b>		<b>86mm x 94mm</b>		<b>TORQUE SETTINGS</b>			
<b>133 (2.2) Mazda F2 Turbo</b>		<b>L L4</b>		<b>86mm x 94mm</b>		<b>Connecting Rod 48-51 ft.lbs/65-69 Nm</b> <b>Main Bearing 61-65 ft.lbs/83-88 Nm</b>			
<b>4B2130</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		50.940/2.0055 50.955/2.0061	54.002/2.1261 54.017/2.1266	1.510/0.0594 .027/.0011	.083/.0033	21.13/0.832	F810	8	2130A IH
<b>5M8133</b> Std. .25 .50 .75 1.0	<b>Main - half groove. Overflange width increases for undersizes.*See below for dimensional information.</b>								
	1-5	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793 .017/.0007 .071/.0028	19.13/0.753	F780	5	8133 L	
	1,2,4,5	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793 .017/.0007 .071/.0028	19.13/0.753	F780	4	8134 U	
	3 (FI)	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793 .017/.0007 .071/.0028	27.99/1.102	F780	1	8135 U	
<b>* DIMENSIONAL INFORMATION FOR 5M8133</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
		0.25 mm u/s shaft		1.106"/28.09mm		+0.004"/0.10mm			
		0.50 mm u/s shaft		1.109"/28.17mm		+0.007"/0.18mm			
		0.75 mm u/s shaft		1.112"/28.25mm		+0.010"/0.26mm			
		1.00 mm u/s shaft		1.115"/28.33mm		+0.013"/0.34mm			
<b>17 ENGINE</b>									
<b>134 (2.2) Mazda S2 Diesel</b>		<b>P L4</b>		<b>88.9mm x 89mm</b>		<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 50-54 ft.lbs/68-73 Nm</b> <b>Main Bearing 80-85 ft.lbs/108-115 Nm</b>			
<b>4B1750</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		52.987/2.0861 53.000/2.0866	56.683/2.2316 56.696/2.2321	1.833/0.0722 .021/.0008 .073/.0029	28.60/1.126	F780	8	1750 IH	
<b>5M1748</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/0.0781 .021/.0008 .073/.0029	28.60/1.126	F780	8	1748 IH	
	3	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/0.0781 .021/.0008 .073/.0029	28.60/1.126	F780	1	1748 U	
	3	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/0.0781 .021/.0008 .073/.0029	28.60/1.126	F780	1	1749 L	
<b>2T1748</b> Std.	<b>Thrust</b>								
	3	73.500/2.8937 (Nominal I.D.)	90.300/3.5551 (Nominal O.D.)		2.33/0.092	F250	4	1748T U/L	
<i>Note: Thrust set includes four pieces, use on No. 3 position. Required with 5M1748 main set.</i>									
<b>RB4068</b> Semi	<b>Small End - not bored, single pieces.</b>								
		28.000/1.1024 (Nominal)	30.987/1.2200 31.000/1.2205	1.830/0.0720	26.80/1.055	F100	1	RB4068	
<b>18 ENGINE</b>									
<b>140 (2.3) OHV (HSC)</b>		<b>R L4</b>		<b>3.78 x 3.13</b>		<b>TORQUE SETTINGS</b>			
<b>140 (2.3) OHV (HSC)</b>		<b>S L4</b>		<b>3.78 x 3.13</b>		<b>Connecting Rod 21-26 ft.lbs/29-35 Nm</b> <b>Main Bearing 51-66 ft.lbs/69-90 Nm</b>			
<b>140 (2.3) OHV (HSC)</b>		<b>X L4</b>		<b>3.78 x 3.13</b>					
<b>153 (2.5) OHV (HSC)</b>		<b>D L4</b>		<b>3.78 x 3.58</b>					
<b>4B1383P</b> Std. 10 20 30	<b>Rod - 1986-94 engines only.</b>								
		53.929/2.1232 53.950/2.1240	56.871/2.2390 56.891/2.2398	1.458/0.0574 .005/.0002 .071/.0028	20.57/0.810	F780	8	5240 IH	
<b>4B583P</b> Std. 10 20 30	<b>Rod - 1984-85 engines only.</b>								
		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/0.0574 .010/.0004 .066/.0026	20.57/0.810	F780	8	2150 IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **18**

**Main**

1	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	25.90/1.020	F780	1	5223 U
	57.125/2.2490	61.011/2.4020		.071/.0028				
2,4,5	57.109/2.2484	60.995/2.4014	1.928/0.0759	.020/.0008	25.90/1.020	F780	3	2126 U
	57.119/2.2488	61.006/2.4018		.056/.0022				
1-5	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	25.90/1.020	F780	5	5224 L
	57.125/2.2490	61.011/2.4020		.071/.0028				
3 (FI)	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	32.28/1.271	F780	1	2127 U
	57.125/2.2490	61.011/2.4020		.076/.0030				

Overflange length remains constant for standard and undersizes.

**Main - optional set to 5M1629P with +.004" overflange length increase for undersizes. \*See below for dimensional information.**

1	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	25.90/1.020	F780	1	5223 U
	57.125/2.2490	61.011/2.4020		.071/.0028				
2,4,5	57.104/2.2482	60.990/2.4012	1.928/0.0759	.020/.0008	25.90/1.020	F780	3	2126 U
	57.125/2.2490	61.011/2.4020		.056/.0022				
1-5	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	25.90/1.020	F780	5	5224 L
	57.125/2.2490	61.011/2.4020		.071/.0028				
3 (FI)	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	32.39/1.275	F780	1	5222 U
	57.125/2.2490	61.011/2.4020		.076/.0030				

to be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 5M5222P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.275"	+.004"

**Cam**

1	50.988/2.0074	55.988/2.2042	2.470/0.0973	18.42/0.725	F23	1	F-46-1
	51.013/2.0084	56.012/2.2052					
2,3	50.988/2.0074	55.588/2.1885	2.270/0.0894	18.42/0.725	F23	2	F-46-2
	51.013/2.0084	55.613/2.1895					
4	50.988/2.0074	55.988/2.2042	2.470/0.0973	12.90/0.508	F23	1	F-46-3
	51.013/2.0084	56.012/2.2052					

**4C1251S**  
Std.

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**140 (2.3) Mits 4D55 Turbo Diesel**
**E**
**L4**
**91mm x 90mm**
**Connecting Rod 32-35 ft.lbs/44-47 Nm  
Main Bearing 55-61 ft.lbs/74-83 Nm**

**19**

**Rod**

	52.973/2.0855	56.007/2.2050	1.493/0.0588	.021/.0008	25.13/0.989	F820	8	1136AL IH
	53.000/2.0866	56.021/2.2055		.076/.0030				

**4B1136**  
Std. .25 .50 .75 1.0

**Main**

1,2,4,5	65.979/2.5976	70.000/2.7559	1.990/0.0783	.012/.0005	25.13/0.989	F780	8	1137 U/L
	66.000/2.5984	70.021/2.7567		.078/.0031				
3 (FI)	65.979/2.5976	70.000/2.7559	1.990/0.0783	.012/.0005	30.95/1.219	F780	2	1138 IH
	66.000/2.5984	70.021/2.7567		.078/.0031				

Overflange length remains constant for standard and undersizes.

**5M1137**  
Std. .25 .50 .75 1.0

**Balance Shaft**

2,3	43.009/1.6933	46.030/1.8122	1.478/0.0582	20.24/0.797	F818	2	8288
	43.025/1.6939	46.050/1.8130					
1	22.959/0.9039	26.000/1.0236	1.505/0.0593	18.00/0.709	F818	1	8289
	22.980/0.9047	26.021/1.0244					

**3BS8288**  
Std. .25

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**140 (2.3) Duratec**
**D**
**L4**
**87.4mm x 94mm**
**Connecting Rod 26 ft.lbs + 90 deg**
**140 (2.3) Duratec**
**Z**
**L4**
**87.4mm x 94mm**
**Main Bearing 63 ft.lbs (Tighten thrust position last)**

**20**

**Rod**

	49.980/1.9677	53.025/2.0876	1.500/0.0591	.026/.0010	16.80/0.661	F810	8	8170A IH
	50.000/1.9685	53.045/2.0884		.052/.0020				

**4B8170A**  
Std. .25 .50

# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>20 (Cont'd.)</b>									
<b>4B8170AO/S2</b> .25 .50 .75	<b>Rod - .002" oversize OD version of 4B8170A.</b>								
		49.980/1.9677 50.000/1.9685	53.076/2.0896 53.096/2.0904	1.650/0.0650 (@ 0.25mm u/s)	.026/.0010 .052/.0020	16.80/0.661	F810	8	9111A IH
<b>5M8174A</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.520/0.0992	.015/.0006 .045/.0018	19.09/0.752	F810	9	8173A U/L
	3 (FI)	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.517/0.0991	.015/.0006 .045/.0018	25.75/1.014	F810	1	8174A U
<b>21 ENGINE</b>									
<b>144 (2.4)</b>			<b>VIN L6</b>	<b>CYL L6</b>	<b>Bore x Stroke 3.50 x 2.50</b>	<b>TORQUE SETTINGS</b>			
<b>170 (2.8)</b>						<b>Connecting Rod 19-24 ft.lbs/26-32 Nm</b>			
<b>170 (2.8)</b>			<b>F L6</b>			<b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>			
<b>170 (2.8)</b>			<b>U L6</b>						
<b>200 (3.3) 4 Main</b>			<b>L6</b>		<b>3.68 x 3.13</b>				
<b>22 ENGINE</b>									
<b>153 (2.5) SOHC</b>			<b>VIN C</b>	<b>CYL L4</b>	<b>Bore x Stroke 3.779 x 3.405</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 26-30 ft.lbs/34-41 Nm Stage 1</b>			
						<b>Connecting Rod 31-36 ft.lbs/41-49 Nm Stage 2</b>			
						<b>Main Bearing 51-59 ft.lbs/68-81 Nm Stage 1</b>			
						<b>Main Bearing 76-84 ft.lbs/102-115 Nm Stage 2</b>			
<b>4B984P</b> Std. 10 20 30	<b>Rod</b>								
		51.981/2.0465 51.999/2.0472	55.169/2.1720 55.189/2.1728	1.580/0.0624	.012/.0005 .076/.0030	20.32/0.800	F780	8	2186 IH
<b>5M1743P</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/0.0956	.020/.0008 .066/.0026	24.13/0.950	F780	4	1753 L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/0.0956	.020/.0008 .066/.0026	24.13/0.950	F780	4	1753 U
	3 (FI)	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/0.0956	.020/.0008 .066/.0026	30.33/1.194	F780	1	1754 U
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M7194P</b> .25 .50 .75	<b>Main - Alt set to 5M7194P with +0.010" overflange length increase. * See dimensional information below.</b>								
	1-5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.553/0.1005 (@ 0.25 mm u/s)	.020/.0008 .066/.0026	24.13/0.950	F780	5	1753 L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.553/0.1005 (@ 0.25 mm u/s)	.020/.0008 .066/.0026	24.13/0.950	F780	4	1753 U
	3 (FI)	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.553/0.1005 (@ 0.25 mm u/s)	.020/.0008 .066/.0026	30.58/1.204	F780	1	7194 U
<i>to be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M7194P</b>									
					<b>Overall Width (Nominal)</b>				<b>Increase in Width</b>
					0.25 mm u/s shaft	1.204"			+0.010"
					0.50 mm u/s shaft	1.204"			+0.010"
					0.75 mm u/s shaft	1.204"			+0.010"

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **22**

**Cam - Special oil control bearing - differs from OEM design. 360 OD groove.**

1-4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/0.0638		17.73/0.698	F23	4	F-34-1B	<b>4C777BS</b> Std.
<b>Cam</b>									
1-4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/0.0638		17.73/0.698	F23	4	F-34-1	<b>4C777S</b> Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>152 2450cc (2.5) Mazda KL (24V DOHC)</b>	<b>B</b>	<b>V6</b>	<b>84.5mm x 74.2mm</b>	<b>Connecting Rod 16-20 ft.lbs/22-27 Nm + 82-97 deg</b> <b>Main Bearing 13-15 ft.lbs + 60 deg Bolt C</b> <b>Main Bearing 14-16 ft.lbs Bolt D</b> <b>Main Bearing 17-19 ft.lbs + 65-75 deg Bolt B</b> <b>Main Bearing 17-19 ft.lbs + 75-85 deg Bolt A</b>					

<b>Rod</b>									
	52.935/2.0841 52.955/2.0848	56.000/2.2047 56.020/2.2055	1.511/0.0595	.023/.0009 .089/.0035	17.00/0.669	F780	12	8350 IH	<b>6B8350</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,2,3	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/0.0986	.034/.0013 .102/.0040	18.12/0.713	F780	6	8147 U/L	<b>4M8147</b> Std. .25 .50 .75
4	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/0.0986	.034/.0013 .102/.0040	22.12/0.871	F780	2	8148 U/L	
<b>Thrust</b>									
	68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496			2.05/0.081	F817	4	8352T U/L	<b>2T8352</b> Std.

Set includes 4 pieces, use on No. 4 position. Required with 4M8147 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>155 2450cc (2.5) Duratec</b>	<b>G</b>	<b>V6</b>	<b>82.3mm x 79.5mm</b>	<b>Connecting Rod + 90 degrees Step 3</b>					
<b>155 2450cc (2.5) Duratec</b>	<b>L</b>	<b>V6</b>	<b>82.3mm x 79.5mm</b>	<b>Connecting Rod 17 ft.lbs/23 Nm Step 1</b>					
<b>182 (3.0) Duratec</b>	<b>1</b>	<b>V6</b>	<b>89mm x 79.5mm</b>	<b>Connecting Rod 32 ft.lbs/43 Nm Step 2</b>					
<b>182 (3.0) Duratec</b>	<b>2</b>	<b>V6</b>	<b>89mm x 79.5mm</b>	<b>Main Bearing Consult Service Manual</b>					
<b>182 (3.0) Duratec</b>	<b>S</b>	<b>V6</b>	<b>89mm x 79.5mm</b>						

<b>Rod - High Strength Aluminum Silicon material.</b>									
	49.972/1.9674 49.990/1.9681	53.015/2.0872 53.035/2.0880	1.501/0.0591	.023/.0009 .077/.0030	18.00/0.709	F810	12	4395A	<b>6B4395A</b> Std. .25 .50 .75
<b>Rod - .002" oversize OD version of 6B4395A.</b>									
	49.972/1.9674 49.990/1.9681	53.066/2.0892 53.086/2.0900	1.651/0.0650 (@.025mm u/s)	.023/.0009 .077/.0030	18.00/0.709	F810	12	9082A IH	<b>6B4395AO/S2</b> .25 .50 .75
<b>Main - High Strength Aluminum Silicon material.</b>									
1,2,3	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.020/2.6779	2.502/0.0985	.020/.0008 .060/.0024	17.90/0.705	F810	6	7262A U/L	<b>4M7262A</b> Std. .25 .50 .75
4 (FI)	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.020/2.6779	2.502/0.0985	.020/.0008 .064/.0025	22.30/0.878	F810	1	7263A U/L	
	71.100/2.7992 71.350/2.8090	93.550/3.6831 93.800/3.6929			1.95/0.077			7263T	
<b>Small End - not bored, single pieces.</b>									
	21.011/0.8272 21.013/0.8273	24.030/0.9461 24.038/0.9464			21.46/0.845	F100	1	RB4114	<b>RB4114</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>171 (2.8)</b>	<b>S</b>	<b>V6</b>	<b>3.66 x 2.71</b>	<b>Connecting Rod 21-25 ft.lbs/29-34 Nm</b>					
<b>171 (2.8)</b>	<b>Z</b>	<b>V6</b>	<b>3.66 x 2.71</b>	<b>Main Bearing 65-75 ft.lbs/88-102 Nm</b>					

<b>Rod</b>									
	53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.410/0.0555	.012/.0005 .078/.0030	16.48/0.649	F780	12	1656 IH	<b>6B723P</b> Std. 10 20 30 40
<b>Rod - .002" oversize OD version of 6B723P.</b>									
	53.980/2.1252 54.000/2.1260	56.869/2.2390 56.891/2.2400	1.559/0.0614 (@.010" u/s)	.005/.0002 .073/.0029	16.48/0.649	F780	12	9060 IH	<b>6B723PO/S2</b> 10 20 30 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>25 (Cont'd.)</b>									
<b>4M1346P</b> Std. 10 20 30 40	<b>Main - 171 engines 5/1/74 to 79 only. All straight main bearings.</b>								
	1,2,3,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .070/.0028	21.59/0.850	F780	8	1657 IH
<b>4M2351P</b> 10 20 30 40	<b>Main - optional set to 4M860P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	21.59/0.850	F780	6	1657 IH
	3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	26.54/1.045	F780	2	1655 IH
<i>to be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M2351P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				1.045"		+0.010"			
				1.045"		+0.010"			
				1.045"		+0.010"			
				1.045"		+0.010"			
<b>4M2352P</b> 20 30	<b>Main - optional set to 4M860P with +0.020" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	21.59/0.850	F780	6	1657 IH
	3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	26.80/1.055	F780	2	1659 IH
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M2352P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				1.055"		+0.020"			
				1.055"		+0.020"			
<b>4M860P</b> Std. 10 20 30 40	<b>Main - 171 engines from 1974 to 5/1/74 and 1983-86. All engines with flanged main bearings.</b>								
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	21.59/0.850	F780	6	1657 IH
	3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	26.29/1.035	F780	2	1658 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>2T325S</b> Std.	<b>Thrust</b>								
	3	63.855/2.5140 (Nominal)	80.493/3.1690 (Nominal)			2.35/0.093	F250	2	2167T U
<i>Note: Thrust set includes four pieces, use on No. 3 position. Required with 4M1346P main set.</i>									
<b>4C1002BS</b> Std.	<b>Cam - 1983-86 engines only. (Position #2 &amp; #3 cams have OD groove with one oil hole)</b>								
	1	43.905/1.7285 43.920/1.7292	47.025/1.8514 47.060/1.8528	1.530/0.0603		19.95/0.785	F23	1	F-47-1
	2	43.525/1.7135 43.540/1.7142	46.645/1.8364 46.680/1.8378	1.530/0.0603		17.90/0.705	F23	1	F-47-2B
	3	43.140/1.6985 43.160/1.6992	46.265/1.8215 46.300/1.8228	1.530/0.0603		17.90/0.705	F23	1	F-47-3B
	4	42.765/1.6835 42.780/1.6842	45.885/1.8065 45.920/1.8079	1.530/0.0603		15.25/0.600	F23	1	F-47-4
<b>4C654S</b> Std.	<b>Cam - 1974-79 engines only.</b>								
	1	41.897/1.6495 41.923/1.6505	45.030/1.7728 45.060/1.7740	1.530/0.0604		19.80/0.780	F23	1	F-31-1
	2	41.516/1.6345 41.542/1.6355	44.653/1.7580 44.679/1.7590	1.530/0.0604		17.91/0.705	F23	1	F-31-2
	3	41.135/1.6195 41.160/1.6205	44.272/1.7430 44.298/1.7440	1.530/0.0604		17.91/0.705	F23	1	F-31-3
	4	40.755/1.6045 40.780/1.6055	43.890/1.7280 43.917/1.7290	1.530/0.0604		15.25/0.600	F23	1	F-31-4

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>26</b>
<b>177 (2.9)</b>		<b>T</b>	<b>V6</b>	<b>3.66 x 2.83</b>	<b>Connecting Rod 21-25 ft.lbs/29-34 Nm Main Bearing 65-75 ft.lbs/88-102 Nm</b>					

**Rod**

53.980/2.1252	56.820/2.2370	1.410/0.0555	.012/.0005	16.48/0.649	F780	12	1656
54.000/2.1260	56.840/2.2378		.078/.0030				IH

**6B723P**  
Std. 10 20 30 40

**Rod - .002" oversize OD version of 6B723P.**

53.980/2.1252	56.869/2.2390	1.559/0.0614	.005/.0002	16.48/0.649	F780	12	9060
54.000/2.1260	56.891/2.2400	(@ .010" u/s)	.073/.0029				IH

**6B723PO/S2**  
10 20 30 40

**Main - 1990-92 truck engines.**

1,2,4 Upper	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1657 U
1,2,4 Lower	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1663 L
3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	26.29/1.035	F780	2	1658 IH

**4M2006P**  
Std. 10 20 30

**Main - optional set to 4M860P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	21.59/0.850	F780	6	1657 IH
3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	26.54/1.045	F780	2	1655 IH

**4M2351P**  
10 20 30 40

*to be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M2351P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.045"	+0.010"
.020" u/s shaft	1.045"	+0.010"
.030" u/s shaft	1.045"	+0.010"
.040" u/s shaft	1.045"	+0.010"

**Main - optional set to 4M860P with +0.020" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	21.59/0.850	F780	6	1657 IH
3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	26.80/1.055	F780	2	1659 IH

**4M2352P**  
20 30

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M2352P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.055"	+0.020"
.030" u/s shaft	1.055"	+0.020"

**Main - 1987-90 car engines and 1986-89 truck engines. Flanged bearing thrust.**

1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	21.59/0.850	F780	6	1657 IH
3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	26.29/1.035	F780	2	1658 IH

**4M860P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Cam - Special Oil Control Cam Set - Position #2 & #3 cams have OD groove with one oil hole.**

1	43.905/1.7285 43.920/1.7292	47.025/1.8514 47.060/1.8528	1.530/0.0603		19.95/0.785	F23	1	F-47-1
2	43.525/1.7135 43.540/1.7142	46.645/1.8364 46.680/1.8378	1.530/0.0603		17.90/0.705	F23	1	F-47-2B
3	43.140/1.6985 43.160/1.6992	46.265/1.8215 46.300/1.8228	1.530/0.0603		17.90/0.705	F23	1	F-47-3B
4	42.765/1.6835 42.780/1.6842	45.885/1.8065 45.920/1.8079	1.530/0.0603		15.25/0.600	F23	1	F-47-4

**4C1002BS**  
Std.

# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>27 ENGINE</b>										
<b>182 (3.0) OHV (Vulcan)</b>		<b>1 V6</b>		<b>3.50 x 3.15</b>		<b>TORQUE SETTINGS</b>				
<b>182 (3.0) OHV (Vulcan)</b>		<b>U V6</b>		<b>3.50 x 3.15</b>		<b>Connecting Rod 23-29 ft.lbs/31-39 Nm</b>				
<b>182 (3.0) OHV (Vulcan)</b>		<b>V V6</b>		<b>3.50 x 3.15</b>		<b>Main Bearing 63-69 ft.lbs/85-93 Nm</b>				
<b>6B1385P</b> Std. .25 .50 .75 1.0	<b>Rod</b>									
		53.983/2.1253 54.003/2.1261	57.150/2.2500 57.170/2.2508	1.567/0.0617	.013/.0005 .079/.0031	19.25/0.758	F780	12	5230 IH	
<b>4M1702P</b> Std. .25 .50 .75	<b>Main</b>									
	1,2	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.905/2.7128	2.443/0.0962	.025/.0010 .058/.0023	18.69/0.736	F780	4	5232 U/L	
	3 (FI)	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.013/.0005 .076/.0030	25.65/1.010	F780	2	5233 U/L	
	4	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.025/.0010 .076/.0030	27.00/1.063	F780	2	5234 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Main - optional set to 4M1702P with +0.004" overflange length increase for undersizes. *See below for dimensional information.</b>										
<b>4M5219P</b> .25 .50 .75	<b>Main - optional set to 4M1702P with +0.004" overflange length increase for undersizes. *See below for dimensional information.</b>									
	1,2	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.905/2.7128	2.443/0.0962	.025/.0010 .058/.0023	18.69/0.736	F780	4	5232 U/L	
	3 (FI)	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.013/.0005 .076/.0030	25.75/1.014	F780	2	5219 U/L	
	4	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.025/.0010 .076/.0030	27.00/1.063	F780	2	5234 U/L	
<i>to be discontinued when stock exhausted.</i>										
<b>* DIMENSIONAL INFORMATION FOR 4M5219P</b>										
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
				0.25 mm u/s shaft		1.014"				+0.004"
				0.50 mm u/s shaft		1.014"				+0.004"
				0.75 mm u/s shaft		1.014"				+0.004"
<b>4C048AS</b> Std.	<b>Cam - has modified #4 position bearing.</b>									
	1	51.000/2.0079 51.020/2.0087	54.676/2.1526 54.727/2.1546	1.830/0.0720		24.38/0.960	F23	1	F-48-1	
	2,3	51.000/2.0079 51.020/2.0087	54.176/2.1329 54.226/2.1349	1.570/0.0618		13.77/0.542	F23	2	F-48-2	
<b>4C048S</b> S/C by 4C048AS	<b>Cam - use 4C048AS when stock depleted.</b>									
	1	51.000/2.0079 51.020/2.0086	54.676/2.1526 54.727/2.1546	1.830/0.0719		24.38/0.960	F23	1	F-48-1	
	2,3	51.000/2.0079 51.020/2.0086	54.176/2.1329 54.226/2.1349	1.570/0.0620		13.77/0.542	F23	2	F-48-2	
<b>4C048S</b> S/C by 4C048AS	<b>Cam - use 4C048AS when stock depleted.</b>									
	1	51.000/2.0079 51.020/2.0086	54.676/2.1526 54.727/2.1546	1.830/0.0719		13.77/0.542	F23	1	F-48-4	
	4	51.000/2.0079 51.020/2.0086	54.676/2.1526 54.727/2.1546	1.830/0.0719		13.77/0.542	F23	1	F-48-4	
<b>28 ENGINE</b>										
<b>182 (3.0) SHO (DOHC)</b>		<b>Y V6</b>		<b>89mm x 80mm</b>		<b>TORQUE SETTINGS</b>				
<b>195 (3.2) SHO (DOHC)</b>		<b>P V6</b>		<b>91mm x 80mm</b>		<b>Connecting Rod 22-26 ft.lbs Step 1</b>				
						<b>Connecting Rod 33-36 ft.lbs Step 2</b>				
						<b>Main Bearing 36-51 ft.lbs Step 1</b>				
						<b>Main Bearing 58-64 ft.lbs Step 2</b>				
<b>6B1435P</b> Std. .25 .50 .75	<b>Rod - To be discontinued when stock exhausted.</b>									
		52.037/2.0463 52.060/2.0472	55.000/2.1653 55.016/2.1660	1.494/0.0588	.023/.0009 .056/.0022	18.08/0.711	F780	12	CB1435P IH	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>29</b>
200 (3.3) 7 Main			L6	3.68 x 3.13	Connecting Rod 19-24 ft.lbs/26-32 Nm					
200 (3.3) 7 Main		B	L6	3.68 x 3.13	Main Bearing 60-70 ft.lbs/81-95 Nm					
200 (3.3) 7 Main		T	L6	3.68 x 3.13						
200 (3.3) 7 Main		X	L6	3.68 x 3.13						

**Rod**

53.934/2.1234	56.871/2.2390	1.458/0.0574	.010/.0004	20.57/0.810	F780	12	2150
53.945/2.1238	56.891/2.2398		.067/.0026				IH

**6B583P**  
Std. 10 20 30 40

**Main - half groove for 5/75-83 engines only.**

1-4,6,7	57.109/2.2484 57.119/2.2488	60.991/2.4012 61.011/2.4020	1.928/0.0759	.020/.0008 .057/.0022	25.90/1.020	F780	6	2126 U
1-4,6,7	57.109/2.2484 57.119/2.2488	60.991/2.4012 61.011/2.4020	1.928/0.0759	.020/.0008 .057/.0022	25.90/1.020	F780	6	5224 L
5 (FI)	57.104/2.2482 57.124/2.2490	60.991/2.4012 61.011/2.4020	1.928/0.0759	.010/.0004 .077/.0030	32.28/1.271	F780	1	2127 U
5 (FI)	57.104/2.2482 57.125/2.2490	60.991/2.4012 61.011/2.4020	1.928/0.0759	.010/.0004 .077/.0030	32.28/1.271	F780	1	2125 L

*Overflange length remains constant for standard and undersizes.*
**Main - full groove for 65-5/75 engines only.**

1-4,6,7	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/0.0759	.020/.0008 .057/.0022	25.90/1.020	F780	12	2126 IH
5 (FI)	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/0.0759	.020/.0008 .057/.0022	32.28/1.271	F780	2	2127 IH

*Overflange length remains constant for standard and undersizes.*
**7M1389P**  
Std. 10 20 30 40

**7M771P**  
Std. 10 20 30 40

**Cam**

1	45.960/1.8095 45.985/1.8105	50.241/1.9780 50.267/1.9790	2.110/0.0832		18.42/0.725	F23	1	F-32-1
2	45.960/1.8095 45.985/1.8105	49.860/1.9630 49.886/1.9640	1.920/0.0757		18.42/0.725	F23	1	F-17-2
3	45.960/1.8095 45.985/1.8105	49.479/1.9480 49.505/1.9490	1.730/0.0682		18.42/0.725	F23	1	F-17-3
4	45.960/1.8095 45.985/1.8105	49.098/1.9330 49.124/1.9340	1.540/0.0607		18.42/0.725	F23	1	F-17-4

**4C703S**  
Std.

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>30</b>
221 (3.6)			V8	3.50 x 2.87	Connecting Rod 19-24 ft.lbs/26-32 Nm					
255 (4.2)		D	V8	3.68 x 3.00	Main Bearing 60-70 ft.lbs/81-95 Nm					
260 (4.3)			V8	3.80 x 2.87						
289 (4.7)			V8	4.00 x 2.87						
289 (4.7)		C	V8	4.00 x 2.87						
289 (4.7)		N	V8	4.00 x 2.87						
302 (5.0)		D	V8	4.00 x 3.00						
302 (5.0)		E	V8	4.00 x 3.00						
302 (5.0)		F	V8	4.00 x 3.00						
302 (5.0)		G	V8	4.00 x 3.00						
302 (5.0)		J	V8	4.00 x 3.00						
302 (5.0)		M	V8	4.00 x 3.00						
302 (5.0)		N	V8	4.00 x 3.00						
302 (5.0)		P	V8	4.00 x 3.00						
302 (5.0)		T	V8	4.00 x 3.00						

**Rod**

53.919/2.1228	56.871/2.2390	1.458/0.0574	.016/.0006	18.44/0.726	F810	16	2131A
53.939/2.1236	56.891/2.2398		.081/.0032				

**8B634A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 8B634A.**

53.919/2.1228	56.871/2.2390	1.610/0.0634	.016/.0006	18.44/0.726	F810	16	9030A
53.939/2.1236	56.891/2.2398	(@ .010" u/s)	.081/.0032				IH

**8B634AO/S2**  
10 20 30 40

**Rod**

53.919/2.1228	56.871/2.2390	1.458/0.0574	.016/.0006	18.44/0.726	F780	16	2131
53.939/2.1236	56.891/2.2398		.081/.0032				IH

**8B634P**  
Std. 01 10 20 30 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>30 (Cont'd.)</b>										
<b>Rod - .002" oversize OD version of 8B634P.</b>										
8B634PO/S2 10 20 30 40		53.919/2.1228	56.922/2.2410	1.610/0.0634	.017/.0007	18.44/0.726	F780	16	9030	
		53.939/2.1236	56.942/2.2418	(@ .010" u/s)	.083/.0033				IH	
<b>Rod - for 289 engines W/4V from 1963-64, 289 K engines from 1963-68 &amp; 302 Boss &amp; Eliminator engines 1969-71.</b>										
8B676P Std. 10 20 30		53.919/2.1228	56.870/2.2390	1.455/0.0573	.033/.0013	18.44/0.726	F780	16	CB676P	
		53.939/2.1236	56.890/2.2398		.099/.0039					
<b>Main - optional set to 5M590P with +0.020" overflange length increase for undersizes. *See below for dimensional information.</b>										
5M1666P 10 20 30 40	1,2,3,4	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	22.48/0.885	F780	8	2132	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
	3 (FI)	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	29.28/1.153	F780	2	2145	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M1666P</b>										
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>					
		.010" u/s shaft			1.153"					+0.020"
		.020" u/s shaft			1.153"					+0.020"
		.030" u/s shaft			1.153"					+0.020"
		.040" u/s shaft			1.153"					+0.020"
<b>Main - optional set to 5M590P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>										
5M1746P 10 20 30 40	1,2,4,5	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	22.48/0.885	F780	8	2132	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
	3 (FI)	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	29.03/1.143	F780	2	2139	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M1746P</b>										
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>					
		.010" u/s shaft			1.143"					+0.010"
		.020" u/s shaft			1.143"					+0.010"
		.030" u/s shaft			1.143"					+0.010"
		.040" u/s shaft			1.143"					+0.010"
<b>Main - optional set to 5M590P with +0.004" overflange length increase for undersizes. *See below for dimensional information.</b>										
5M2144P 10 20 30	1,2,4,5	57.104/2.2482	62.006/2.4412	2.563/0.1009	.005/.0002	22.48/0.885	F780	8	2132	
		57.125/2.2490	62.027/2.4420	(@ .010" u/s)	.073/.0029				U/L	
	3 (FI)	57.104/2.2482	62.006/2.4412	2.563/0.1009	.005/.0002	28.88/1.137	F780	2	2144	
		57.125/2.2490	62.027/2.4420	(@ .010" u/s)	.073/.0029				U/L	
<i>to be discontinued when stock exhausted.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M2144P</b>										
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>					
		+0.010" u/s shaft			1.137"					+0.004"
		+0.020" u/s shaft			1.137"					+0.004"
		+0.030" u/s shaft			1.137"					+0.004"
<b>Main - High Strength Aluminum Silicon material.</b>										
5M590A Std. 01 10 20 30 40	1,2,4,5	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	22.48/0.885	F810	8	2132A	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
	3 (FI)	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	28.78/1.133	F810	2	2133A	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Main - half groove.</b>										
5M590P Std. 01 10 20 30 40	1,2,4,5	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	22.48/0.885	F780	8	2132	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
	3 (FI)	57.104/2.2482	62.006/2.4412	2.438/0.0960	.005/.0002	28.78/1.133	F780	2	2133	
		57.125/2.2490	62.027/2.4420		.073/.0029				U/L	
<i>Overflange length remains constant for standard and undersizes.</i>										

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 30**
**Cam - Performance Set - Heavy duty Al/Tin material.**

1	52.845/2.0805 52.870/2.0815	55.984/2.2041 56.010/2.2051	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5610C
2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5616C
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5617C
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5618C
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5619C

**5C1321S  
Std.**
**Cam - for engines with all constant housing bores at 2.2041"-2.2051" (SVO engines).**

1-5	52.845/2.0805 52.870/2.0815	55.984/2.2041 56.010/2.2051	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	5	5610C
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**5C1763S  
Std.**
**Cam**

1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.007/2.2050	1.530/0.0602		16.89/0.665	F23	1	F-18-1
2	52.464/2.0655 52.490/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5

**5C510S  
Std.**
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

232 (3.8) OHV	3	V6	97mm x 86mm	<b>Connecting Rod 31-36 ft.lbs/42-48 Nm Main Bearing 65-81 ft.lbs/88-110 Nm</b>
232 (3.8) OHV	4	V6	97mm x 86mm	
232 (3.8) OHV	C	V6	97mm x 86mm	
232 (3.8) OHV Supercharged	R	V6	97mm x 86mm	

**31**
**Rod - for engines 1982-1995 only.**

58.674/2.3100 58.699/2.3110	61.636/2.4266 61.656/2.4274	1.462/0.0576	.013/.0005 .084/.0033	17.06/0.672	F780	12	5200 IH
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**6B1283P  
Std. .25 .50 .75 1.0**
**Rod - .002" oversize OD version of 6B1283P.**

58.674/2.3100 58.699/2.3110	61.687/2.4286 61.707/2.4294	1.614/0.0635 (@ 0.25 mm u/s)	.014/.0006 .085/.0033	17.06/0.672	F780	12	9055 IH
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**6B1283PO/S2  
.25 .50 .75**
**Rod - for engines 1996 on - High Strength Aluminum Silicon material.**

58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.460/0.0575	.013/.0005 .065/.0026	19.90/0.783	F810	12	4500A IH
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**6B4500A  
Std. .25 .50 .75**
**Rod - .002" oversize OD version of 6B4500A.**

58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.587/0.0625 (@ .25 mm u/s)	.013/.0005 .065/.0026	19.90/0.783	F810	12	9081A IH
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**6B4500AO/S2  
.25 .50 .75**
**Main - for engines 1982-1988 only.**

1,3,4	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	21.66/0.853	F780	6	5202 U/L
2 (FI)	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	29.62/1.166	F780	2	5203 U/L

**4M1561P  
Std. .25 .50 .75 1.0**
*To be superseded by 4M7295A when stock exhausted.*
**Main - Supercharged engines 1989-95 only.**

1,2	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F810	2	7294A L
1,2	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	23.50/0.925	F810	2	7294WA U
3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.438/0.0960	.013/.0005 .058/.0023	29.62/1.166	F810	2	7295A U/L
4	63.744/2.5096 63.764/2.5104	68.890/2.7122 68.910/2.7130	2.548/0.1003	.025/.0010 .071/.0028	21.79/0.858	F810	2	5229A U/L

**4M1782A  
Std. .25 .50 .75**
*Overflange length remains constant for standard and undersizes.*

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>31 (Cont'd.)</b>										
<b>4M1782P</b> Std. .25 .50 .75 1.0	<b>Main - Supercharged engines 1989-95 only. To be superseded by 4M1782A when stock exhausted.</b>									
	1,2	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F780	4	5238 U/L	
	3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	29.62/1.166	F780	2	5239 U/L	
	4	63.744/2.5096 63.764/2.5104	68.890/2.7122 68.910/2.7130	2.548/0.1003	.025/.0010 .071/.0028	21.79/0.858	F780	2	5229 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>Main - Normally aspirated engines 1989-98 only.</b>									
	1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F780	6	5238 U/L	
	3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	29.62/1.166	F780	2	5239 U/L	
	<i>To be superseded by 4M7295A when stock exhausted.</i>									
	<b>4M5205P</b> .25 .50 .75	<b>Main - engines 1982-88 - Optional set to 4M1561P with +0.004" overflange length increase. *See dimensional information below.</b>								
1,3,4		63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	21.66/0.853	F780	6	5202 U/L	
3 (FI)		63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	29.72/1.170	F780	2	5205 U/L	
<i>to be discontinued when stock exhausted.</i>										
<b>* DIMENSIONAL INFORMATION FOR 4M5205P</b>										
		<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>						
0.25 mm u/s shaft		1.170"		+0.004"						
0.50 mm u/s shaft		1.170"		+0.004"						
0.75 mm u/s shaft		1.170"		+0.004"						
<b>4M5208P</b> .25 .50 .75		<b>Main - engines 1982-88 - Optional set to 4M1561P with +0.010" overflange length increase. *See dimensional information below.</b>								
	1,3,4	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	21.66/0.853	F780	6	5202 U/L	
	3 (FI)	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .058/.0023	29.87/1.176	F780	2	5208 U/L	
	<i>to be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M5208P</b>									
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
	0.25 mm u/s shaft		1.176"		+0.010"					
	0.50 mm u/s shaft		1.176"		+0.010"					
	0.75 mm u/s shaft		1.176"		+0.010"					
	<b>4M7295A</b> Std. .25 .50 .75	<b>Main - for engines 1982 on (excl. supercharged) - High Strength Aluminum Silicon material.</b>								
1,2,4		63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	23.50/0.925	F810	3	7294WA U	
1,2,4		63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F810	3	7294A L	
3 (FI)		63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.438/0.0960	.013/.0005 .058/.0023	29.62/1.166	F810	2	7295A U/L	
<b>4C1197S</b> Std.		<b>Cam - 1982-87 engines.</b>								
		1,4	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.690/2.1925	1.763/0.0694		16.26/0.640	F23	2	F-45-1
		2,3	52.083/2.0505 52.108/2.0515	55.283/2.1765 55.308/2.1775	1.570/0.0619		14.22/0.560	F23	2	F-45-2
		<b>4C1447S</b> Std.	<b>Cam - 1988-04 engines.</b>							
1,4			52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.763/0.0694	.025/.0010 .076/.0030	16.26/0.640	F23	2	F-52-1
2,3			52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.570/0.0619	.025/.0010 .076/.0030	14.22/0.560	F23	2	F-51-2
<b>2BS1445S</b> Std.	<b>Balance Shaft - 1988-04 engines.</b>									
	Front & Rear	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.690/2.1925	1.763/0.0694	.076/.0030	16.26/0.640	F23	2	AGB-51-1	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>32</b>
240 (3.9)			L6	4.00 x 3.18	<b>Connecting Rod 40-45 ft.lbs./54-61 Nm</b>					
240 (3.9)		A	L6	4.00 x 3.18	<b>Main Bearing 60-70 ft.lbs./81-95 Nm</b>					
240 (3.9)		B	L6	4.00 x 3.18						
240 (3.9)		E	L6	4.00 x 3.18						
240 (3.9)		V	L6	4.00 x 3.18						
300 (4.9)		9	L6	4.00 x 3.98						
300 (4.9)		B	L6	4.00 x 3.98						
300 (4.9)		E	L6	4.00 x 3.98						
300 (4.9)		K	L6	4.00 x 3.98						
300 (4.9)		Y	L6	4.00 x 3.98						

**Rod**

53.919/2.1228	57.785/2.2750	1.923/0.0757	.010/.0004	20.32/0.800	F780	12	2180
53.939/2.1236	57.805/2.2758		.066/.0026				IH

**6B699P**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 6B699P.**

53.919/2.1228	57.836/2.2770	2.075/0.0817	.010/.0004	20.32/0.800	F780	12	9050
53.939/2.1236	57.856/2.2778	(@ .010" u/s)	.067/.0026				IH

**6B699PO/S2**  
10 20 30 40

**Main - Alt set to 7M979P with +0.010" overflange length increase for undersizes. \* See below for dimensional information.**

1-4,6,7	60.914/2.3982	65.791/2.5902	2.428/0.0956	.025/.0010	24.13/0.950	F780	12	2185
	60.935/2.3990	65.811/2.5910		.066/.0026				U/L
5 (FI)	60.914/2.3982	65.791/2.5902	2.428/0.0956	.025/.0010	30.61/1.205	F780	2	2193
	60.935/2.3990	65.811/2.5910		.066/.0026				U/L

**7M2193P**  
10 20 30 40

*to be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 7M2193P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.205"	+0.010"
.020" u/s shaft	1.205"	+0.010"
.030" u/s shaft	1.205"	+0.010"
.040" u/s shaft	1.205"	+0.010"

**Main - engines 1966-96 with 3.60" flange O.D.**

1-4,6,7	60.914/2.3982	65.791/2.5902	2.428/0.0956	.025/.0010	24.13/0.950	F780	12	2185
	60.935/2.3990	65.811/2.5910		.066/.0026				U/L
5 (FI)	60.914/2.3982	65.791/2.5902	2.428/0.0956	.025/.0010	30.35/1.195	F780	2	2187
	60.935/2.3990	65.811/2.5910		.066/.0026				U/L

**7M979P**  
Std. 01 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Cam - for engines from 6/85 - 96. (360 degree OD groove)**

1,4	51.232/2.0170	54.839/2.1590	1.770/0.0695		22.00/0.866	F23	2	F-49-1B
	51.257/2.0180	54.864/2.1600						
2,3	51.232/2.0170	54.458/2.1440	1.580/0.0624		21.97/0.865	F23	2	F-23-1B
	51.257/2.0180	54.483/2.1450						

**4C1254BS**  
Std.

**Cam - for engines from 6/85 - 96.**

1,4	51.232/2.0170	54.839/2.1590	1.770/0.0695		22.00/0.866	F23	2	F-49-1
	51.257/2.0180	54.864/2.1600						
2,3	51.232/2.0170	54.458/2.1440	1.570/0.0618		22.02/0.867	F23	2	F-49-2
	51.257/2.0180	54.483/2.1450						

**4C1254S**  
Std.

**Cam - Alternate set to 4C567S with O.D. groove.**

1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/0.0624		21.97/0.865	F23	4	F-23-1B
	51.257/2.0180	54.483/2.1450						

**4C567BS**  
Std.

**Cam - for engines from 1965-5/85.**

1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/0.0624		21.97/0.865	F23	4	F-23-1A
	51.257/2.0180	54.483/2.1450						

**4C567S**  
Std.

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>33</b>
245 (4.0) OHV		X	V6	3.95 x 3.32	<b>Connecting Rod 18-24 ft.lbs./25-32 Nm</b>					
					<b>Main Bearing 66-77 ft.lbs./89-104 Nm</b>					

**Rod**

53.980/2.1252	56.820/2.2370	1.410/0.0555	.012/.0005	16.48/0.649	F780	12	1656
54.000/2.1260	56.840/2.2378		.078/.0030				IH

**6B723P**  
Std. 10 20 30 40

# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>33 (Cont'd.)</b>										
<b>6B723PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B723P.</b>									
		53.980/2.1252 54.000/2.1260	56.869/2.2390 56.891/2.2400	1.559/0.0614 (@ .010" u/s)	.005/.0002 .073/.0029	16.48/0.649	F780	12	9060 IH	
<b>4M2006P</b> Std. 10 20 30	<b>Main</b>									
	1,2,4 Upper	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1657 U	
	1,2,4 Lower	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1663 L	
	3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	26.29/1.035	F780	2	1658 IH	
<b>4C1441AS</b> Std.	<b>Cam - Alternate set to 4C1441S with 0.830" wide #4 cam.</b>									
	1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/0.0619		19.80/0.780	F23	1	F-50-1	
	2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/0.0614		17.90/0.705	F23	1	F-50-2	
	3	48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/0.0614		17.90/0.705	F23	1	F-50-3	
	4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/0.0614		21.12/0.830	F23	1	F-50-4A	
	<b>4C1441S</b> Std.	<b>Cam</b>								
		1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/0.0619		19.80/0.780	F23	1	F-50-1
		2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/0.0614		17.90/0.705	F23	1	F-50-2
3		48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/0.0614		17.90/0.705	F23	1	F-50-3	
<b>4C1441S</b> Std.	4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/0.0614		15.10/0.595	F23	1	F-50-4	
	<b>34 ENGINE</b>									
	<b>245 (4.0) SOHC</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
	<b>245 (4.0) SOHC</b>		<b>E</b>	<b>V6</b>	<b>3.95 x 3.32</b>	<b>Connecting Rod 18-24 ft.lbs/25-32 Nm</b>				
		<b>K</b>	<b>V6</b>	<b>3.95 x 3.32</b>	<b>Main Bearing 66-77 ft.lbs/89-104 Nm</b>					
<b>6B723P</b> Std. 10 20 30 40	<b>Rod</b>									
		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.410/0.0555	.012/.0005 .078/.0030	16.48/0.649	F780	12	1656 IH	
<b>6B723PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B723P.</b>									
		53.980/2.1252 54.000/2.1260	56.869/2.2390 56.891/2.2400	1.559/0.0614 (@ .010" u/s)	.005/.0002 .073/.0029	16.48/0.649	F780	12	9060 IH	
<b>4M2006P</b> Std. 10 20 30	<b>Main</b>									
	1,2,4 Upper	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1657 U	
	1,2,4 Lower	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1663 L	
	3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	26.29/1.035	F780	2	1658 IH	
<b>2C6002S</b> Std.	<b>AR Auxiliary</b>									
	Front		47.046/1.8522	1.549/0.0610		29.00/1.142	F23	1	FG-53-1	
	Rear		45.903/1.8072	1.549/0.0610		22.98/0.905	F23	1	FG-53-2	
<b>35 ENGINE</b>										
<b>250 (4.1)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>250 (4.1)</b>		<b>C</b>	<b>L6</b>	<b>3.68 x 3.91</b>	<b>Connecting Rod 21-26 ft.lbs/28-35 Nm</b>					
		<b>L</b>	<b>L6</b>	<b>3.68 x 3.91</b>	<b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>					
<b>6B583P</b> Std. 10 20 30 40	<b>Rod</b>									
		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/0.0574	.010/.0004 .067/.0026	20.57/0.810	F780	12	2150 IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 35**
**Main - Alt set to 7M979P with +0.010" overflange length increase for undersizes. \* See below for dimensional information.**

1-4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	24.13/0.950	F780	12	2185 U/L
5 (FI)	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	30.61/1.205	F780	2	2193 U/L

*to be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 7M2193P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.205"	+0.010"
.020" u/s shaft	1.205"	+0.010"
.030" u/s shaft	1.205"	+0.010"
.040" u/s shaft	1.205"	+0.010"

**Main**

1-4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	24.13/0.950	F780	12	2185 U/L
5 (FI)	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	30.35/1.195	F780	2	2187 U/L

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	45.960/1.8095 45.985/1.8105	50.241/1.9780 50.267/1.9790	2.110/0.0832		18.42/0.725	F23	1	F-32-1
2	45.960/1.8095 45.985/1.8105	49.860/1.9630 49.886/1.9640	1.920/0.0757		18.42/0.725	F23	1	F-17-2
3	45.960/1.8095 45.985/1.8105	49.479/1.9480 49.505/1.9490	1.730/0.0682		18.42/0.725	F23	1	F-17-3
4	45.960/1.8095 45.985/1.8105	49.098/1.9330 49.124/1.9340	1.540/0.0607		18.42/0.725	F23	1	F-17-4

**7M2193P**  
10 20 30 40

**7M979P**  
Std. 01 10 20 30 40

**4C703S**  
Std.

**ENGINE**
**256 (4.2) OHV**
**VIN CYL Bore x Stroke**
**2 V6 3.81 x 3.74**
**TORQUE SETTINGS**
**Connecting Rod 15-18 ft.lbs/20-24 Nm Step 1**  
**Connecting Rod 29-33 ft.lbs/39-45 Nm Step 2**  
**Connecting Rod 90-120 degree turn Step 3**  
**Main Bearing 37 ft.lbs + 120 deg Vans**  
**Main Bearing 65-81 ft.lbs Trucks**
**36**
**Rod - High Strength Aluminum Silicon material.**

	58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.460/0.0575	.013/.0005 .065/.0026	19.90/0.783	F810	12	4500A IH
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**6B4500A**  
Std. .25 .50 .75

**Rod - .002" oversize OD version of 6B4500A.**

	58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.587/0.0625 (@ .25 mm u/s)	.013/.0005 .065/.0026	19.90/0.783	F810	12	9081A IH
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**6B4500AO/S2**  
.25 .50 .75

**Main - High Strength Aluminum Silicon material.**

1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	23.50/0.925	F810	3	7294WA U
1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F810	3	7294A L
3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.438/0.0960	.013/.0005 .058/.0023	29.62/1.166	F810	2	7295A U/L

**4M7295A**  
Std. .25 .50 .75

**Cam**

1,4	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.763/0.0694	.025/.0010 .076/.0030	16.26/0.640	F23	2	F-52-1
2,3	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.570/0.0619	.025/.0010 .076/.0030	14.22/0.560	F23	2	F-51-2

**4C1447S**  
Std.

**Balance Shaft**

Front & Rear	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.690/2.1925	1.763/0.0694	.076/.0030	16.26/0.640	F23	2	AGB-51-1
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**2BS1445S**  
Std.

# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>37 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
281 (4.6) SOHC			6	V8	90.2mm x 90mm	Connecting Rod 23 ft.lbs/31 Nm + 90 deg			
281 (4.6) SOHC			9	V8	90.2mm x 90mm	Main Bearing 24 ft.lbs/33 Nm + 90 deg			
281 (4.6) SOHC			W	V8	90.2mm x 90mm				
281 (4.6) SOHC			X	V8	90.2mm x 90mm				
<b>8B1442A</b> Std. .25 .50 .75 1.0	<b>Rod</b>	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F810	16	5636A IH
<b>8B1442AO/S2</b> .25 .50 .75 1.0	<b>Rod - .002" oversize OD version of 8B1442A.</b>	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F810	16	9080A IH
<b>8B1442P</b> Std. .25 .50 .75 1.0	<b>Rod</b>	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F780	16	5636 IH
	<i>to be superseded by 8B1442A when stock exhausted.</i>								
<b>8B1442PO/S2</b> .25 .50 .75 1.0	<b>Rod - .002" oversize OD version of 8B1442P.</b>	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F780	16	9080 IH
	<i>to be superseded by 8B1442AO/S2 when stock exhausted.</i>								
<b>5M2007P</b> Std. .25 .50 .75 1.0	<b>Main - for 1993-04 cast iron engines (VIN W).</b>								
	1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	18.25/0.719	F780	4	5638 L
	1-5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	19.12/0.753	F780	5	5638W U
	5 (FI)	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	22.61/0.890	F780	1	5639 L
	5 (TW)	76.000/2.9921 76.250/3.0020 (I.D.)	91.500/3.6024 91.750/3.6122 (O.D.)			2.36/0.093	F817	1	5639T U
	<i>Set includes one thrustwasher and one lower flanged thrust bearing. Use on No. 5 position.</i>								
<b>5M5649P</b> 1.0	<b>Main - alternate set to 5M7141P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.568/0.1011 (@ 0.25 mm u/s)	.014/.0006 .077/.0030	18.25/0.719	F780	4	5638 L
	1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.568/0.1011 (@ 0.25 mm u/s)	.014/.0006 .077/.0030	19.12/0.753	F780	4	5638W U
	5 (FI)	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.568/0.1011 (@ 0.25 mm u/s)	.014/.0006 .077/.0030	22.86/0.900	F780	2	5649 U/L
	<i>to be discontinued when stock is exhausted.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 5M5649P</b>								
		<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
		1.00mm u/s shaft		0.900"		+ 0.010"			
<b>5M7141P</b> Std. .25 .50 .75 1.0	<b>Main - for 1991-92 engines. (Upper flange bearing has no tang)</b>								
	1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	18.25/0.719	F780	4	5638 L
	1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	19.12/0.753	F780	4	5638W U
	5 (FI)	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	22.61/0.890	F780	2	5639 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 37**
**Main - for 1996-04 engines (VIN 6,X).**

1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	19.26/0.758	F810	1	7293A U	<b>5M7296A</b> Std. .25 .50 .75 1.0
2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	4	7296A U	
1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	5	7296A L	
5	76.750/3.0216 (ID) 77.000/3.0315	96.750/3.8090 (OD) 97.000/3.8189			2.92/0.115	F810	3	7296T U/L	
<i>Set includes three thrustwashers. Use on No. 5 position.</i>									

**Cam Tower - repair insets.**

1-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5194A L	<b>6C1100A</b> Std. .25
1-6	26.937/1.0605 26.962/1.0615	29.190/1.1492 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5195A U	

**Small End - not bored, single pieces.**

	21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113	<b>RB4113</b> Semi
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**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**281 (4.6) DOHC**
**V**
**V8**
**90.2mm x 90mm**
**Connecting Rod 23 ft.lbs/31 Nm + 90 deg**
**281 (4.6) DOHC Supercharged**
**Y**
**V8**
**90.2mm x 90mm**
**Main Bearing 24 ft.lbs/33 Nm + 90 deg**
**38**
**Rod**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F810	16	5636A IH	<b>8B1442A</b> Std. .25 .50 .75 1.0
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**Rod - .002" oversize OD version of 8B1442A.**

	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F810	16	9080A IH	<b>8B1442AO/S2</b> .25 .50 .75 1.0
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**Rod**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F780	16	5636 IH	<b>8B1442P</b> Std. .25 .50 .75 1.0
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*to be superceded by 8B1442A when stock exhausted.*
**Rod - .002" oversize OD version of 8B1442P.**

	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F780	16	9080 IH	<b>8B1442PO/S2</b> .25 .50 .75 1.0
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*to be superceded by 8B1442AO/S2 when stock exhausted.*
**Cam Tower - for engines early 1996 only.**

1,6,7,12	26.937/1.0605 36.962/1.4552	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	4	5195A L	<b>6C1200A</b> Std.
1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	4	5192A U	
2-5,8-11	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465	F810	8	5191A L	<b>6C1201A</b> Std.
	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465			5193A	

**Cam Tower - for engines late 1996 on.**

1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.093/0.0430	.015/.0006 .081/.0032	14.70/0.579	F810	4	5190A L	<b>6C1201A</b> Std.
1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	4	5192A U	
2-5,8-11	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465	F810	8	5191A U	<b>6C1201A</b> Std.
2-5,8-11	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465	F810	8	5193A L	

**Small End - not bored, single pieces.**

	21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113	<b>RB4113</b> Semi
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# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>39 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
330 (5.4) SOHC Supercharged			3	V8	90.2mm x 105.7mm	Connecting Rod 23 ft.lbs/31 Nm + 90 deg			
330 (5.4) SOHC			5	V8	90.2mm x 105.7mm	Main Bearing 24 ft.lbs/33 Nm + 90 deg			
330 (5.4) SOHC			L	V8	90.2mm x 105.7mm				
330 (5.4) SOHC			M	V8	90.2mm x 105.7mm				
330 (5.4) SOHC - Bi-Fuel			Z	V8	90.2mm x 105.7mm				
<b>8B1442A</b> Std. .25 .50 .75 1.0	<b>Rod</b>	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F810	16	5636A IH
	<b>Rod - .002" oversize OD version of 8B1442A.</b>								
<b>8B1442AO/S2</b> .25 .50 .75 1.0	<b>Rod</b>	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F810	16	9080A IH
<b>8B1442P</b> Std. .25 .50 .75 1.0	<b>Rod</b>	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F780	16	5636 IH
	<i>to be superseded by 8B1442A when stock exhausted.</i>								
	<b>Rod - .002" oversize OD version of 8B1442P.</b>								
<b>8B1442PO/S2</b> .25 .50 .75 1.0	<b>Rod</b>	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F780	16	9080 IH
	<i>to be superseded by 8B1442AO/S2 when stock exhausted.</i>								
<b>5M7296A</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	19.26/0.758	F810	1	7293A U
	2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	4	7296A U
	1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	5	7296A L
	5	76.750/3.0216 (ID)	96.750/3.8090 (OD)			2.92/0.115	F810	3	7296T U/L
		77.000/3.0315	97.000/3.8189						
	<i>Set includes three thrustwashers. Use on No. 5 position.</i>								
<b>6C1100A</b> Std. .25	<b>Cam Tower - repair insert.</b>								
	1-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5194A L
	1-6	26.937/1.0605 26.962/1.0615	29.190/1.1492 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5195A U
<b>RB4113</b> Semi	<b>Small End - not bored, single pieces.</b>	21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>40</b>
330 (5.4)			V8	3.88 x 3.50	<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b> (All except 406,427 engines)					
352 (5.8)			V8	4.00 x 3.50						
360 (5.9)		Y	V8	4.05 x 3.50	<b>Connecting Rod 53-58 ft.lbs/72-79 Nm</b> (406,427 engines only)					
361 (5.9)			V8	4.05 x 3.50						
390 (6.4)			V8	4.05 x 3.78	<b>Main Bearing 95-105 ft.lbs/129-142 Nm</b>					
390 (6.4)		H	V8	4.05 x 3.78						
390 (6.4)		M	V8	4.05 x 3.78						
390 (6.4)		S	V8	4.05 x 3.78						
390 (6.4)		X	V8	4.05 x 3.78						
390 (6.4)		Y	V8	4.05 x 3.78						
390 (6.4)		Z	V8	4.05 x 3.78						
410			V8	4.05 x 3.98						
427 (7.0)			V8	4.23 x 3.78						
427 (7.0)		W	V8	4.23 x 3.78						
428 (7.0)			V8	4.23 x 3.78						
428 (7.0)		P	V8	4.23 x 3.78						
428 (7.0)		Q	V8	4.23 x 3.78						
428 (7.0)		R	V8	4.23 x 3.78						

**Rod**

61.925/2.4380	65.804/2.5907	1.923/0.0757	.012/.0005	18.67/0.735	F780	16	2110
61.946/2.4388	65.824/2.5915		.078/.0031				IH

**8B760P**  
Std. 10 20 30 40

**Rod - .002" oversize OD version of 8B760P.**

61.925/2.4380	65.855/2.5927	2.075/0.0817	.013/.0005	18.67/0.735	F780	16	9061
61.946/2.4388	65.875/2.5935	(@ .010" u/s)	.080/.0031				IH

**8B760PO/S2**  
10 20 30 40

**Main - optional set to 5M685P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4,5	69.809/2.7484	74.706/2.9412	2.420/0.0953	.010/.0004	23.17/0.912	F780	8	2115
	69.830/2.7492	74.727/2.9420		.078/.0031				IH
3(FI)	69.809/2.7484	74.706/2.9412	2.425/0.0955	.068/.0027	28.65/1.128	F780	2	2119
	69.830/2.7492	74.727/2.9420						IH

**5M2119P**  
10 20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M2119P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.128"	+0.010"
.020" u/s shaft	1.128"	+0.010"
.030" u/s shaft	1.128"	+0.010"
.040" u/s shaft	1.128"	+0.010"

**Main - engines 1964-65 with 3.764"-3.829" flange O.D. - full groove.**

1,2,4,5	69.809/2.7484	74.706/2.9412	2.420/0.0953	.010/.0004	23.17/0.912	F780	8	2115
	69.830/2.7492	74.727/2.9420		.078/.0031				IH
3(FI)	69.809/2.7484	74.706/2.9412	2.425/0.0955	.068/.0027	28.40/1.118	F780	2	2114
	69.830/2.7492	74.727/2.9420						IH

**5M685P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - engines 1966-78 with 3.888"-3.948" flange O.D. - full groove.**

1,2,4,5	69.809/2.7484	74.706/2.9412	2.433/0.0958	.010/.0004	23.17/0.912	F780	8	2115
	69.830/2.7492	74.727/2.9420		.078/.0031				IH
3 (FI)	69.809/2.7484	74.706/2.9412	2.441/0.0961	.010/.0004	28.40/1.118	F780	2	2118
	69.830/2.7492	74.727/2.9420		.078/.0031				IH

**5M863P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Cam - all engines except 1966-67 427 wedge head.**

1	53.945/2.1238	58.661/2.3095	2.320/0.0913		15.88/0.625	F23	1	F-33-1
	54.970/2.1248	58.687/2.3105						
2	53.945/2.1238	58.280/2.2945	2.140/0.0841		15.88/0.625	F23	1	F-15-2
	54.970/2.1248	58.306/2.2955						
3	53.945/2.1238	57.899/2.2795	1.950/0.0766		15.88/0.625	F23	1	F-15-3
	54.970/2.1248	57.925/2.2805						
4	53.945/2.1238	57.518/2.2645	1.760/0.0691		15.88/0.625	F23	1	F-14-4
	54.970/2.1248	57.544/2.2655						
5	53.945/2.1238	57.137/2.2495	1.560/0.0616		14.35/0.565	F23	1	F-15-5
	54.970/2.1248	57.163/2.2505						

**5C781S**  
Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**40 (Cont'd.)**

AB02127R Ream	<b>Small End - requires light reaming.</b>								
			26.314/1.0360 26.365/1.0380	0.927/0.0365		31.75/1.250	F100	1	223-3501
AB02201 Semi	<b>Small End - requires boring.</b>								
			26.314/1.0360 26.365/1.0380	1.044/0.0411		30.23/1.190	F100	1	223-3598

41 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
351 (5.8) Cleveland	H	V8	4.00 x 3.50	<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b>					
351 (5.8) Cleveland	M	V8	4.00 x 3.50	<b>Main Bearing 95-105 ft.lbs./129-142 Nm</b>					
351 (5.8) Cleveland	Q	V8	4.00 x 3.50						

8B927P Std. 01 10 20 30 40	<b>Rod</b>								
		58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/0.0625	.002/.0001 .065/.0026	18.44/0.726	F780	16	2106C IH
8B927PO/S2 10 20 30 40	<b>Rod - .002" oversize OD version of 8B927P.</b>								
		58.682/2.3103 58.702/2.3111	61.931/2.4382 61.948/2.4390	1.740/0.0685 (@ .010" u/s)	.003/.0001 .066/.0026	18.18/0.716	F780	16	9051 IH
5M1010P Std. 01 10 20 30 40	<b>Main - half groove.</b>								
	1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/0.0962	.003/.0001 .071/.0028	22.35/0.880	F780	8	2107 U/L
	3 (FI)	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/0.0962	.003/.0001 .071/.0028	28.40/1.118	F780	2	2108 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
5C710C Std.	<b>Cam - Performance</b>								
	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	FP-26-1
	2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	FP-18-2
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	FP-18-3
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	FP-18-4
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	FP-18-5	
5C710S Std.	<b>Cam</b>								
	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	F-26-1
	2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

42 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
351 (5.8) Windsor	C	V8	4.00 x 3.50	<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b>					
351 (5.8) Windsor	G	V8	4.00 x 3.50	<b>Main Bearing 95-105 ft.lbs./129-142 Nm</b>					
351 (5.8) Windsor	H	V8	4.00 x 3.50						
351 (5.8) Windsor	M	V8	4.00 x 3.50						
351 (5.8) Windsor	Q	V8	4.00 x 3.50						
351 (5.8) Windsor	R	V8	4.00 x 3.50						

8B831A Std. 10 20 30 40	<b>Rod - High strength Aluminum Silicon material.</b>								
		58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/0.0577	.010/.0004 .066/.0026	18.18/0.716	F810	16	2176A IH
8B831AO/S2 10 20 30 40	<b>Rod - .002" oversize OD version of 8B831A.</b>								
		58.682/2.3103 58.702/2.3111	61.684/2.4285 61.704/2.4293	1.617/0.0637 (@ .010" u/s)	.010/.0004 .066/.0026	18.18/0.716	F810	16	9031A IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 42</b>									
<b>Rod - To be superceded by 8B831A when stock exhausted.</b>									
	58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/0.0577	.010/.0004 .066/.0026	18.18/0.716	F780	16	2176 IH	<b>8B831P</b> Std. 01 10 20 30 40
<b>Rod - .002" oversize OD version of 8B831P.</b>									
	58.682/2.3103 58.702/2.3111	61.684/2.4285 61.704/2.4293	1.617/0.0637 (@ .010" u/s)	.002/.0001 .068/.0027	18.18/0.716	F780	16	9031 IH	<b>8B831PO/S2</b> 10 20 30 40
<i>To be superceded by 8B831AO/S2 when stock exhausted.</i>									
<b>Main - High strength Aluminum Silicon material.</b>									
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	<b>5M1432A</b> Std. 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	2178A U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	5209A L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - engines 1977-1997 - half groove. To be superceded by 5M1432A when stock exhausted.</b>									
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	2177 U	<b>5M1432P</b> Std. 01 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	5207 L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	2178 U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	5209 L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - optional set to 5M1432A with +.010" overflange length increase for undersizes. *See below for dimensional information.</b>									
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	<b>5M5249A</b> 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	2170A U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	5249A L	
<b>* DIMENSIONAL INFORMATION FOR 5M5249A</b>									
					<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>	
				.010" u/s shaft	1.143"			+0.010"	
				.020" u/s shaft	1.143"			+0.010"	
				.030" u/s shaft	1.143"			+0.010"	
				.040" u/s shaft	1.143"			+0.010"	
<b>Main - High Strength Aluminum Silicon material. For engines 1969-1976 - full groove.</b>									
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	8	2177A IH	<b>5M981A</b> Std. 10 20 30 40
3 (IH)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	2	2178A IH	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - engines 1969-1976 - full groove. To be superceded by 5M981A when stock exhausted.</b>									
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	8	2177 IH	<b>5M981P</b> Std. 01 10 20 30 40
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	2	2178 IH	
<i>Overflange length remains constant for standard and undersizes.</i>									

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**42 (Cont'd.)**

<b>5M982A</b> 10 20 30 40	<b>Main - optional set to 5M981A with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>									
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	8	2177A IH	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	2	2170A IH	
	<b>* DIMENSIONAL INFORMATION FOR 5M982A</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
					1.143"	+0.010"				
					1.143"	+0.010"				
					1.143"	+0.010"				
					1.143"	+0.010"				
<b>5M982P</b> 10 20 30 40	<b>Main - optional set to 5M981P with +0.010" overflange length increase for undersizes. To be superceded by 5M982A when stock exhausted.</b>									
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	8	2177 IH	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F780	2	2170 IH	
	<b>* DIMENSIONAL INFORMATION FOR 5M982P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
					1.143"	+0.010"				
					1.143"	+0.010"				
					1.143"	+0.010"				
					1.143"	+0.010"				
<b>5C510S</b> Std.	<b>Cam</b>									
	1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.007/2.2050	1.530/0.0602		16.89/0.665	F23	1	F-18-1	
	2	52.464/2.0655 52.490/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

**43 ENGINE**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
351 (5.8) Modified	G	V8	4.00 x 3.50	<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b> <b>Main Bearing 35-45 ft.lbs/47-61 Nm (3/8" bolts only)</b> <b>Main Bearing 95-105 ft.lbs/129-142 Nm (1/2" bolts only)</b>
351 (5.8) Modified	H	V8	4.00 x 3.50	
400 (6.6)		V8	4.00 x 4.00	
400 (6.6)	S	V8	4.00 x 4.00	
400 (6.6)	Z	V8	4.00 x 4.00	

<b>8B927P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/0.0625	.002/.0001 .065/.0026	18.44/0.726	F780	16	2106C IH
<b>8B927PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B927P.</b>								
		58.682/2.3103 58.702/2.3111	61.931/2.4382 61.948/2.4390	1.740/0.0685 (@ .010" u/s)	.003/.0001 .066/.0026	18.18/0.716	F780	16	9051 IH
<b>5M1432A</b> Std. 10 20 30 40	<b>Main - High strength Aluminum Silicon material.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	2178A U
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	5209A L
	<i>Overflange length remains constant for standard and undersizes.</i>								

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 43**
**Main - engines 1977-1982 half groove. To be superceded by 5M1432A when stock exhausted.**

1,2,4,5	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	21.26/0.837	F780	4	2177
	76.205/3.0002	81.102/3.1930						
1,2,4,5	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	21.26/0.837	F780	4	5207
	76.205/3.0002	81.102/3.1930						
3 (FI)	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	28.78/1.133	F780	1	2178
	76.205/3.0002	81.102/3.1930						
3 (FI)	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	28.78/1.133	F780	1	5209
	76.205/3.0002	81.102/3.1930						

*Overflange length remains constant for standard and undersizes.*
**Main - optional set to 5M1432A with +.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4,5	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	21.26/0.837	F810	4	2177A
	76.205/3.0002	81.102/3.1930						
1,2,4,5	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	21.26/0.837	F810	4	5207A
	76.205/3.0002	81.102/3.1930						
3 (FI)	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	29.03/1.143	F810	1	2170A
	76.205/3.0002	81.102/3.1930						
3 (FI)	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	29.03/1.143	F810	1	5249A
	76.205/3.0002	81.102/3.1930						

**\* DIMENSIONAL INFORMATION FOR 5M5249A**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.143"	+0.010"
.020" u/s shaft	1.143"	+0.010"
.030" u/s shaft	1.143"	+0.010"
.040" u/s shaft	1.143"	+0.010"

**Main - High Strength Aluminum Silicon material. For engines 1971-1976 - full groove.**

1,2,4,5	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	21.26/0.837	F810	8	2177A
	76.205/3.0002	81.102/3.1930						
3 (IH)	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	28.78/1.133	F810	2	2178A
	76.205/3.0002	81.102/3.1930						

*Overflange length remains constant for standard and undersizes.*
**Main - engines 1971-1976 - full groove. To be superceded by 5M981A when stock exhausted.**

1,2,4,5	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	21.26/0.837	F780	8	2177
	76.205/3.0002	81.102/3.1930						
3 (FI)	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	28.78/1.133	F780	2	2178
	76.205/3.0002	81.102/3.1930						

*Overflange length remains constant for standard and undersizes.*
**Main - optional set to 5M981A with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4,5	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	21.26/0.837	F810	8	2177A
	76.205/3.0002	81.102/3.1930						
3 (FI)	76.185/2.9994	81.082/3.1922	2.433/0.0958	.011/.0004	29.03/1.143	F810	2	2170A
	76.205/3.0002	81.102/3.1930						

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M982A**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.143"	+0.010"
.020" u/s shaft	1.143"	+0.010"
.030" u/s shaft	1.143"	+0.010"
.040" u/s shaft	1.143"	+0.010"

**5M1432P**  
Std. 01 10 20 30 40

**5M5249A**  
10 20 30 40

**5M981A**  
Std. 10 20 30 40

**5M981P**  
Std. 01 10 20 30 40

**5M982A**  
10 20 30 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**43 (Cont'd.)**

<b>5M982P</b> 10 20 30 40	<b>Main - optional set to 5M981P with +0.010" overflange length increase for undersizes. To be superseded by 5M982A when stock exhausted.</b>									
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	8	2177 IH	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F780	2	2170 IH	
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 5M982P</b>									
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
					.010" u/s shaft	1.143"	+0.010"			
					.020" u/s shaft	1.143"	+0.010"			
					.030" u/s shaft	1.143"	+0.010"			
					.040" u/s shaft	1.143"	+0.010"			
<b>5C710S</b> Std.	<b>Cam</b>									
	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	F-26-1	
	2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

**44 ENGINE**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
370 (6.1)		V8	4.05 x 3.59	Connecting Rod 40-45 ft.lbs/54-61 Nm Main Bearing 95-105 ft.lbs/129-142 Nm					
429 (7.0)	C	V8	4.36 x 3.59						
429 (7.0)	J	V8	4.36 x 3.59						
429 (7.0)	K	V8	4.36 x 3.59						
429 (7.0)	N	V8	4.36 x 3.59						
429 (7.0)	Z	V8	4.36 x 3.59						
460 (7.5)	A	V8	4.36 x 3.85						
460 (7.5)	C	V8	4.36 x 3.85						
460 (7.5)	G	V8	4.36 x 3.85						
460 (7.5)	J	V8	4.36 x 3.85						
460 (7.5)	L	V8	4.36 x 3.85						

<b>8B818P</b> Std. 10 20 30 40	<b>Rod</b>								
		63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.927/0.0759	.012/.0005 .078/.0031	22.00/0.866	F780	16	5210 IH
<b>5M1039P</b> Std. 10 20 30 40	<b>Main - Position 1,2,4,5 is half groove &amp; Position 3 (FI) is full groove.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	24.13/0.950	F780	8	5212 U/L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	28.45/1.120	F780	2	5214 IH
<b>5M5218P</b> 10 20 30 40	<i>Overflange length remains constant for standard and undersizes.</i>								
	<b>Main - optional set to 5M1039P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.557/0.1007 (@ .010" u/s)	.013/.0005 .079/.0031	24.13/0.950	F780	8	5212 U/L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.557/0.1007 (@ .010" u/s)	.013/.0005 .079/.0031	28.70/1.130	F780	2	5218 IH
	<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M5218P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.010" u/s shaft	1.130"	+0.010"			
				.020" u/s shaft	1.130"	+0.010"			
				.030" u/s shaft	1.130"	+0.010"			
				.040" u/s shaft	1.130"	+0.010"			



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 44**
**Cam**

1-5	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.570/0.0618		14.86/0.585	F23	5	F-30-1	<b>5C1111S</b> Std.
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**Cam - Oversize OD Cam set. Align bore housing to 2.2645"/2.2655".**

1-5	53.944/2.1238 53.969/2.1248	57.518/2.2645 57.544/2.2655	1.763/0.0694	.028/.0011 .127/.0050	16.00/0.630	F820	5	SH1766	<b>5C1766S</b> Std.
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**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**401 (6.6)**
**V8 4.125 x 3.750**
**Connecting Rod 60-65 ft.lbs**
**475 (7.8)**
**V8 4.500 x 3.750**
**Main Bearing 130-150 ft.lbs** 1966-81 engines

**477 (7.8)**
**V8 4.500 x 3.750**
**Main Bearing 150-165 ft.lbs** 1958-65 engines

**534 (8.8)**
**V8 4.500 x 4.200**
**45**
**Rod - for engines 1961-81 and 1960 with crankshafts C1TE-6303B, C1TE-6303C and C2TZ-6303A or B on No.4 counterweight only.**

	68.814/2.7092 68.834/2.7100	73.741/2.9032 73.761/2.9040	2.443/0.0962	.033/.0013 .099/.0039	22.66/0.892	F780	16	CB615P	<b>8B615P</b> Std. 10 20 30
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*To be discontinued when stock exhausted.*
**Main**

1,2,4,5	79.365/3.1246 79.385/3.1254	84.267/3.3176 84.287/3.3184	2.428/0.0956	.038/.0015 .099/.0039	28.07/1.105	F780	8	MB1820P	<b>5M443P</b> Std. 10 20 30
3 (FI)	79.365/3.1246 79.385/3.1254	84.267/3.3176 84.287/3.3184	2.433/0.0958	.023/.0009 .089/.0035	32.33/1.273	F780	2	MB1821P	

*To be discontinued when stock exhausted.*
**Cam**

1	62.840/2.4740 62.865/2.4750	66.091/2.6020 66.116/2.6030	1.600/0.0630	.025/.0010 .128/.0050	17.27/0.680	F23	1	SH369	<b>5C369S</b> Std.
2,3,4,5	60.198/2.3700 60.223/2.3710	63.449/2.4980 63.475/2.4990	1.600/0.0630	.025/.0010 .128/.0050	17.27/0.680	F23	4	SH370	

*To be discontinued when stock exhausted.*
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**420 (6.9) Diesel**
**1 V8 4.00 x 4.18**
**Connecting Rod 38 ft.lbs** Step 1 (6.9L Diesel)

**445 (7.3) Diesel**
**M V8 4.11 x 4.18**
**Connecting Rod 38 ft.lbs** Step 1 (7.3L Diesel)

**Connecting Rod 51 ft.lbs** Step 2 (7.3L Diesel)

**Connecting Rod 54 ft.lbs** Step 2 (6.9L Diesel)

**Main Bearing 75 ft.lbs** Step 1 (6.9L Diesel)

**Main Bearing 75 ft.lbs** Step 1 (7.3L Diesel)

**Main Bearing 95 ft.lbs** Step 2 (6.9L Diesel)

**Main Bearing 95 ft.lbs** Step 2 (7.3L Diesel)

**46**
**Rod**

	63.449/2.4980 63.474/2.4990	68.339/2.6905 68.364/2.6915	2.420/0.0952	.053/.0021 .104/.0041	22.56/0.888	F780	16	5241 IH	<b>8B1327P</b> Std. 01 10 20 30
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**Main**

1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.053/.0021 .124/.0049	22.23/0.875	F780	8	2934 U/L	<b>5M1596P</b> Std. 10 20 30
3 (FI)	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.053/.0021 .124/.0049	28.70/1.130	F780	2	2935 U/L	

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		20.07/0.790	F23	1	IN-17-1	<b>5C1092S</b> Std.
2,3,4,5	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		16.64/0.655	F23	4	IN-17-2	

# FORD



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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<b>47 ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
415 (6.8)		<b>S</b>	<b>V10</b>	<b>3.551 x 4.160</b>	<b>Connecting Rod 30-33 ft.lbs + 90-120 deg</b>				
415 (6.8)		<b>Y</b>	<b>V10</b>	<b>3.551 x 4.160</b>	<b>Main Bearing Consult Service Manual</b>				

<b>10B1442P</b> Std. .25 .50	<b>Rod</b>								
		52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F780	20	5636 IH
<b>Rod - .002" oversize OD version of 10B1442P.</b>									
<b>10B1442POS2</b> .25 .50 .75 1.0		52.984/2.0860 53.002/2.0867	56.917/2.2408 56.937/2.2416	2.053/0.0808 (@0.25mm u/s)	.012/.0005 .063/.0025	20.96/0.825	F780	20	9080 IH
	<b>Main</b>								
<b>6M7296A</b> Std. .25 .50 .75 1.0	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	19.26/0.758	F810	1	7293A U
	1-6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	18.35/0.722	F810	6	7296A L
	2-6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	5	7296A U
	6	76.750/3.0216 (ID)	96.750/3.8090 (OD)			2.92/0.115	F817	3	7296T U/L
		77.000/3.0315	97.000/3.8189						
<i>Set includes three thrustwashers. Use on No. 6 position.</i>									
<b>Balance Shaft - Split type repair Inserts.</b>									
<b>3BS5196A</b> Std. .25	A,B,C	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	3	5195A U
	A	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	1	5196A L
	B,C	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	2	5197A L
<b>Cam Tower - Split type repair inserts for LEFT cylinder bank.</b>									
<b>7C5197LA</b> Std. .25	0-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	7	5194A L
	0,2,3,4, 6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	5	5195A U
	2,5	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	2	5197A U
<b>Cam Tower - Split type repair inserts for RIGHT cylinder bank.</b>									
<b>7C5197RA</b> Std. .25	0-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	7	5194A L
	0-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	7	5195A U

<b>48 ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
445 (7.3) Powerstroke Engine Turbo Diesel		<b>C</b>	<b>V8</b>	<b>4.11 x 4.18</b>	<b>Connecting Rod 52 ft.lbs Step 1</b>				
445 (7.3) Powerstroke Engine Turbo Diesel		<b>F</b>	<b>V8</b>	<b>4.11 x 4.18</b>	<b>Connecting Rod 80 ft.lbs Step 2</b>				
445 (7.3) Powerstroke Engine Turbo Diesel		<b>F</b>	<b>V8</b>	<b>4.11 x 4.18</b>	<b>Main Bearing 75 ft.lbs Step 1</b>				
445 (7.3) Powerstroke Engine Turbo Diesel		<b>K</b>	<b>V8</b>	<b>4.11 x 4.18</b>	<b>Main Bearing 95 ft.lbs Step 2</b>				

<b>8B1633P</b> Std. 10 20 30 40	<b>Rod</b>								
		63.449/2.4980 63.475/2.4990	68.339/2.6905 68.364/2.6915	2.419/0.0952	.038/.0015 .114/.0045	22.56/0.888	F780	16	5246 IH
<b>5M2034P</b> Std. 10 20 30 40	<b>Main</b>								
	1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.046/.0018 .117/.0046	23.70/0.933	F780	8	5247 U/L
	3 (FI)	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.046/.0018 .117/.0046	31.45/1.238	F780	2	5248 U/L
<b>5C1092S</b> Std.	<b>Cam</b>								
	1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		20.07/0.790	F23	1	IN-17-1
	2,3,4,5	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		16.64/0.655	F23	4	IN-17-2

## FORD PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1500cc (1.5).....	Escort/Cortina/Lotus Twin Cam		L4		2	302 (5.0).....			V8	68-01	4
						330 (5.4).....			V8	97-06	6
1558cc (1.6).....	Escort/Cortina/Lotus Twin Cam		L4		2	351 (5.8).....	Cleveland Modified Windsor		V8	70-74	7
						351 (5.8).....			V8	75-82	8
1600cc (1.6).....	BDA,BDD ... (BD Series)		L4		1	351 (5.8).....			V8	77-98	9
1700cc (1.7).....	BDB,BDC ... (BD Series)		L4		1	370 (6.1).....			V8	79-91	10
140 2254cc (2.3)...	Duratec		V8	01-06	3	400 (6.6).....			V8	71-82	8
221 (3.6).....			V8	62-63	4	429 (7.0).....			V8	68-98	10
255 (4.2).....			V8	80-82	4	460 (7.5).....			V8	68-98	10
260 (4.3).....			V8	62-65	4						
281 (4.6).....			V8	91-06	5						
289 (4.7).....			V8	63-68	4						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
<b>1600cc (1.6) BDA,BDD ... (BD Series)</b>		L4			
<b>1700cc (1.7) BDB,BDC ... (BD Series)</b>		L4			

<b>Rod</b>	49.200/1.9370 49.213/1.9375	52.927/2.0837 52.940/2.0842	1.840/0.0724	.034/.0013 .076/.0030	19.17/0.755	F781	8	1060H IH	<b>4B1060H</b> Std. 001.010.020
<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>	49.200/1.9370 49.213/1.9375	52.927/2.0837 52.940/2.0842	1.827/0.0719	.059/.0023 .101/.0040	19.17/0.755	F781	8	1060HX IH	<b>4B1060HX</b> Std.
<b>Main</b>	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/0.0721	.021/.0008 .062/.0024	25.52/1.005	F780	10	2152H IH	<b>5M2152H</b> Std. 001 010 020
<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/0.0716	.046/.0018 .087/.0034	25.52/1.005	F780	10	2152HX IH	<b>5M2152HX</b> Std.
<b>Thrust</b>	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.36/0.093	F250	2	2152T IH	<b>1T113S</b> Std. +.005

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
<b>1500cc (1.5) Escort/Cortina/Lotus Twin Cam</b>		L4			
<b>1558cc (1.6) Escort/Cortina/Lotus Twin Cam</b>		L4			

<b>Rod</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/0.0720	.024/.0009 .064/.0025	22.35/0.880	F781	8	5216H U/L	<b>4B603H</b> Std. 001 010 020
<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.817/0.0715	.049/.0019 .089/.0035	22.35/0.880	F781	8	5216HX U/L	<b>4B603HX</b> Std.
<b>Main</b>	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/0.0721	.021/.0008 .062/.0024	25.52/1.005	F780	10	2152H IH	<b>5M2152H</b> Std. 001 010 020
<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/0.0716	.046/.0018 .087/.0034	25.52/1.005	F780	10	2152HX IH	<b>5M2152HX</b> Std.
<b>Thrust</b>	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.36/0.093	F250	2	2152T IH	<b>1T113S</b> Std. +.005
<b>Cam Tower - Split Cam type insert.</b>	25.400/1.0000 25.412/1.0005	28.587/1.1255 28.800/1.1339	1.584/0.0624	.007/.0003 .048/.0019	19.18/0.755	F23	16	5808 IH	<b>10C5808</b> Std.
	25.400/1.0000 25.412/1.0005	28.587/1.1255 28.600/1.1260	1.584/0.0624	.007/.0003 .048/.0019	12.82/0.505	F23	4	5809 IH	

# FORD PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 ENGINE</b>									
140 2254cc (2.3) Duratec		VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
			V8	87.5mm x 94mm					
4B8170H Std. .025 .25	<b>Rod</b>								
	49.980/1.9677 50.000/1.9685	53.025/2.0876 53.045/2.0884	1.500/0.0591	.026/.0010 .052/.0020	16.80/0.661	F781	8	8170H IH	
<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
4B8170HX Std.	49.980/1.9677 50.000/1.9685	53.025/2.0876 53.045/2.0884	1.487/0.0585	.052/.0020 .077/.0030	16.80/0.661	F781	8	8170HX IH	
<b>4 ENGINE</b>									
221 (3.6)		VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
255 (4.2)			V8	3.500 x 2.875	Connecting Rod 19-24 ft.lbs				
260 (4.3)			V8	3.680 x 3.000	Main Bearing 60-70 ft.lbs				
289 (4.7)			V8	3.800 x 2.870					
302 (5.0)			V8	4.000 x 3.000					
1B634H Std. 01 09 10 11 20	<b>Rod - Bearing shell does not contain dowel hole.</b>								
	53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/0.0574	.016/.0006 .072/.0028	18.44/0.726	F780	2	2131H U/L	
1B634HD Std. 01 10	<b>Rod - Dowel hole in cap half only. May also be used in engines without doweled conrod.</b>								
	53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/0.0574	.016/.0006 .072/.0028	18.44/0.726	F781	2	2131HD U/L	
1B634HX Std.	<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.445/0.0569	.041/.0016 .097/.0038	18.44/0.726	F780	2	2131HX U/L	
1B634HDX Std.	<b>Rod - Dowel hole in cap half only. May also be used in engines without doweled conrod. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.445/0.0569	.041/.0016 .097/.0038	18.44/0.726	F781	2	2131HDX U/L	
5M590H Std. 01 09 10 11 20	<b>Main - 3/4 grooved set.</b>								
	1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.431/0.0957	.016/.0006 .072/.0028	22.48/0.885	F780	8	2132H U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.431/0.0957	.016/.0006 .072/.0028	28.78/1.133	F780	2	2133H U/L
5M590HX Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.418/0.0952	.040/.0016 .096/.0038	22.48/0.885	F780	8	2132HX U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.418/0.0952	.040/.0016 .096/.0038	28.78/1.133	F780	2	2133HX U/L
5C1321S Std.	<b>Cam - Heavy duty Aluminum/Tin material.</b>								
	1	52.845/2.0805 52.870/2.0815	55.984/2.2041 56.010/2.2051	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5610C
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5616C
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5617C
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5618C
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5619C
5C1763S Std.	<b>Cam - for engines with all constant housing bores at 2.2041"-2.2051" (SVO engines).</b>								
	1-5	52.845/2.0805 52.870/2.0815	55.984/2.2041 56.010/2.2051	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	5	5610C

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 4**
**Cam - Babbitt material.**

1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.007/2.2050	1.530/0.0602		16.89/0.665	F23	1	F-18-1	<b>5C510S</b> Std.
2	52.464/2.0655 52.490/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**281 (4.6)**
**V8**
**90.2mm x 90mm**
**Connecting Rod 23 ft.lbs/31 Nm + 90 deg  
Main Bearing 24 ft.lbs/33 Nm + 90 deg**
**5**
**Rod**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F781	2	5636H U/L	<b>1B1442H</b> Std. .025 .25
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**Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.915/0.0754	.037/.0015 .088/.0035	20.96/0.825	F781	2	5636HX U/L	<b>1B1442HX</b> Std.
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**Main - For engines 1996 on (VIN 6,X only).**

1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	19.26/0.758	F780	1	5644H U	<b>5M7296H</b> Std. .025 .25
2-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F780	4	5645H U	
1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F780	5	5646H L	
5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189			2.92/0.115	F817	3	7296T U/L	

*Set includes three thrustwashers. Use on No. 5 position.*
**Main - For engines 1996 on (VIN 6,X only). Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

U	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.430/0.0957	.032/.0013 .096/.0038	19.26/0.758	F780	1	5644HX 1	<b>5M7296HX</b> Std.
2-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.430/0.0957	.032/.0013 .096/.0038	20.06/0.790	F780	4	5645HX U	
1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.430/0.0957	.032/.0013 .096/.0038	20.06/0.790	F780	5	5646HX L	
	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189			2.92/0.115			7296T	

*Set includes three thrustwashers. Use on No. 5 position.*
**Small End - not bored, single pieces.**

	21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113	<b>RB4113</b> Semi
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**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**330 (5.4)**
**V8**
**90.2mm x 105.8mm**
**Connecting Rod 23 ft.lbs/31 Nm + 90 deg  
Main Bearing 24 ft.lbs/33 Nm + 90 deg**
**6**
**Rod**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F781	2	5636H U/L	<b>1B1442H</b> Std. .025 .25
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**Rod - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.915/0.0754	.037/.0015 .088/.0035	20.96/0.825	F781	2	5636HX U/L	<b>1B1442HX</b> Std.
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# FORD PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>6 (Cont'd.)</b>									
<b>5M7296H</b> Std. .025 .25	<b>Main</b>								
	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	19.26/0.758	F780	1	5644H U
	2-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F780	4	5645H U
	1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F780	5	5646H L
	5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189			2.92/0.115	F817	3	7296T U/L
<i>Set includes three thrustwashers. Use on No. 5 position.</i>									
<b>5M7296HX</b> Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	U	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.430/0.0957	.032/.0013 .096/.0038	19.26/0.758	F780	1	5644HX 1
	2-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.430/0.0957	.032/.0013 .096/.0038	20.06/0.790	F780	4	5645HX U
	1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.430/0.0957	.032/.0013 .096/.0038	20.06/0.790	F780	5	5646HX L
		76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189			2.92/0.115			7296T
<i>Set includes three thrustwashers. Use on No. 5 position.</i>									
<b>RB4113</b> Semi	<b>Small End - not bored, single pieces.</b>								
		21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113

<b>7 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>351 (5.8) Cleveland</b>		<b>V8</b>	<b>4.000 x 3.500</b>	<b>Connecting Rod 40-45 ft.lbs</b> <b>Main Bearing 95-105 ft.lbs</b>					

<b>1B927H</b> Std. 01 10	<b>Rod - Bearing shell does not contain dowel hole.</b>								
		58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.585/0.0624	.013/.0005 .060/.0024	18.44/0.726	F780	2	2106H U/L
<b>5M1010H</b> Std. 01 10 20	<b>Main - 3/4 grooved set.</b>								
	1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/0.0962	.003/.0001 .071/.0028	22.35/0.880	F780	8	2107H U/L
	3 (FI)	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/0.0962	.003/.0001 .071/.0028	28.40/1.118	F780	2	2108H U/L
<b>5M1010HX</b> Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.431/0.0957	.028/.0011 .096/.0038	22.35/0.880	F780	8	2107HX U/L
	3 (FI)	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.431/0.0957	.028/.0011 .096/.0038	28.40/1.118	F780	2	2108HX U/L
<b>5C1763S</b> Std.	<b>Cam - for engines with all constant housing bores at 2.2041"-2.2051" (SVO engines).</b>								
	1-5	52.845/2.0805 52.870/2.0815	55.984/2.2041 56.010/2.2051	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	5	5610C
<b>5C710C</b> Std.	<b>Cam - Performance cam bearing.</b>								
	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	FP-26-1
	2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	FP-18-2
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	FP-18-3
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	FP-18-4
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	FP-18-5	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 7**
**Cam - Babbitt material.**

1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	F-26-1	<b>5C710S</b> Std.
2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**8**
**351 (5.8) Modified  
400 (6.6)**
**V8  
V8  
4.000 x 3.500  
4.000 x 4.000**
**Connecting Rod 40-45 ft.lbs  
Main Bearing 95-105 ft.lbs**
**Rod - Bearing shell does not contain dowel hole.**

	58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.585/0.0624	.013/.0005 .060/.0024	18.44/0.726	F780	2	2106H U/L	<b>1B927H</b> Std. 01 10
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**Main - 3/4 grooved set.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	2177H U	<b>5M1432H</b> Std. 01 10
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	5207H L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	2178H U	<b>5M1432HX</b> Std.
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	5209H L	

**Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	21.26/0.837	F780	4	2177HX U	<b>5M1432HX</b> Std.
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	21.26/0.837	F780	4	5207HX L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	28.78/1.133	F780	1	2178HX U	<b>5C710C</b> Std.
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	28.78/1.133	F780	1	5209HX L	

**Cam - Performance cam bearing.**

1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	FP-26-1	<b>5C710C</b> Std.
2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	FP-18-2	
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	FP-18-3	
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	FP-18-4	
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	FP-18-5	

**Cam - Babbitt material.**

1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	F-26-1	<b>5C710S</b> Std.
2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

# FORD PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>9 ENGINE</b>									
<b>351 (5.8) Windsor</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				<b>V8</b>	<b>4.000 x 3.500</b>	<b>Connecting Rod 40-45 ft.lbs</b> <b>Main Bearing 95-105 ft.lbs</b>			
<b>5M1432H</b> Std. 01 10	<b>Main - 3/4 grooved set.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	2177H U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	5207H L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	2178H U
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	5209H L	
<b>5M1432HX</b> Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	21.26/0.837	F780	4	2177HX U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	21.26/0.837	F780	4	5207HX L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	28.78/1.133	F780	1	2178HX U
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.420/0.0953	.036/.0014 .101/.0040	28.78/1.133	F780	1	5209HX L	
<b>5C1321S</b> Std.	<b>Cam - Heavy duty Aluminum/Tin material.</b>								
	1	52.845/2.0805 52.870/2.0815	55.984/2.2041 56.010/2.2051	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5610C
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5616C
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5617C
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5618C
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/0.0608	.025/.0010 .127/.0050	17.02/0.670	F830	1	5619C	
<b>10 ENGINE</b>									
<b>370 (6.1)</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
<b>429 (7.0)</b>				<b>V8</b>	<b>4.050 x 3.590</b>	<b>Connecting Rod 40-45 ft.lbs</b> <b>Main Bearing 95-105 ft.lbs</b>			
<b>460 (7.5)</b>				<b>V8</b>	<b>4.360 x 3.850</b>				
<b>1B818H</b> Std. 01 10	<b>Rod - Bearing shell does not contain dowel hole.</b>								
		63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.925/0.0758	.016/.0006 .070/.0028	22.00/0.866	F780	2	5210H U/L
<b>5M1039H</b> Std. 01 10	<b>Main - 3/4 grooved set.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	24.13/0.950	F780	8	5212H U/L
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	28.45/1.120	F780	2	5214H IH	
<b>5M1039HX</b> Std.	<b>Main - Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.419/0.0952	.038/.0015 .104/.0041	24.13/0.950	F780	8	5212HX U/L
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.419/0.0952	.038/.0015 .104/.0041	28.45/1.120	F780	2	5214HX IH	
<b>5C1111S</b> Std.	<b>Cam - Babbitt material.</b>								
	1-5	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.570/0.0618		14.86/0.585	F23	5	F-30-1
<b>5C1766S</b> Std.	<b>Cam - for engines with all constant housing bores at 2.2645"-2.2655".</b>								
	1-5	53.944/2.1238 53.969/2.1248	57.518/2.2645 57.544/2.2655	1.763/0.0694	.028/.0011 .127/.0050	16.00/0.630	F820	5	SH1766



**GEO ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
61 993cc (1.0).....	Suzuki G10T, Turbo	2	L3	89-91	1	1588cc (1.6).....	Storm GSi (4XE1)	RT77	L4	90-91	5
61 993cc (1.0).....	Suzuki G10	6	L3	89-97	1	98 1588cc (1.6).....	(Toyota 4AGE - Prizm)	5	L4	90-92	4
79 1295cc (1.3).....	Suzuki G13BA	9	L4	95-97	2	98 1588cc (1.6).....	(Toyota 4AFE - Prizm)	6	L4	89-97	4
92 1471cc (1.5).....	Isuzu 4XC1	7	L4	89-89	3	98 1588cc (1.6).....	Suzuki G16KC/KV	U	L4	89-97	6
92 1471cc (1.5).....	Isuzu 4XC1T, Turbo	9	L4	89-89	3	110 1788cc (1.8)...	(Toyota 7AFE)	8	L4	93-97	7
1588cc (1.6).....	Storm (4XE1)	RF77	L4	90-93	5						

**GEO MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
METRO	61	993	1.0	Suzuki G10	89-97	PRIZM - LSI	110	1788	1.8	(Toyota 7AFE)	93-97
	79	1295	1.3	Suzuki G13BA	95	SPECTRUM	92	1471	1.5	Isuzu 4XC1	89
METRO - LSI	61	993	1.0	Suzuki G10	89-96		92	1471	1.5	Isuzu 4XC1T	89
	79	1295	1.3	Suzuki G13BA	95-97	STORM	98	1588	1.6	(Toyota 4AFE - Prizm)	90-93
METRO - XFI	61	993	1.0	Suzuki G10	90-94		98	1588	1.6	(Toyota 4AFE - Prizm)	90-93
PRIZM	98	1588	1.6	(Toyota 4AFE - Prizm)	89-97	STORM - 2+2	98	1588	1.6	(Toyota 4AFE - Prizm)	90-93
	110	1788	1.8	(Toyota 7AFE)	93-96	STORM - GSI	98	1588	1.6	(Toyota 4AGE - Prizm)	90-91
PRIZM - GSI	98	1588	1.6	(Toyota 4AGE - Prizm)	90-92		110	1788	1.8	(Toyota 7AFE)	93
	98	1588	1.6	(Toyota 4AFE - Prizm)	90-97	TRACKER	98	1588	1.6	(Toyota 4AFE - Prizm)	94-97
PRIZM - LSI	98	1588	1.6	(Toyota 4AFE - Prizm)	90-97		98	1588	1.6	Suzuki G16KC/KV	89-95

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
61 993cc (1.0) Suzuki G10T Turbo	2	L3	74mm x 77mm	Connecting Rod 24-27 ft.lbs/33-37 Nm	
61 993cc (1.0) Suzuki G10	6	L3	74mm x 77mm	Main Bearing 36-41 ft.lbs/49-55 Nm	

**Rod**

41.983/1.6529	44.998/1.7716	1.490/0.0587	.020/0.008	18.00/0.709	F780	6	8336	3B8336 Std. .25 .50 .75 1.0
41.999/1.6535	45.018/1.7724		.068/0.027				IH	

**Main**

1-4	44.983/1.7710	48.998/1.9291	2.000/0.0787	.020/0.008	18.00/0.709	F780	8	8337	4M8337 Std. .25 .50 .75 1.0
	44.998/1.7716	49.018/1.9298		.068/0.027				U/L	

**Thrust**

52.250/2.0571 (Nominal I.D.)	67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T	1T8337 Std.
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Note: Set includes two pieces, use on No. 3 position. Required with 4M8337 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
79 1295cc (1.3) Suzuki G13BA	9	L4	74mm x 77mm	Connecting Rod 24-27 ft.lbs/33-37 Nm	
				Main Bearing 36-41 ft.lbs/49-55 Nm	

**Rod**

41.984/1.6529	44.998/1.7716	1.490/0.0587	.020/0.008	18.00/0.709	F780	8	8336	4B8336 Std. .25 .50 .75 1.0
41.999/1.6535	45.018/1.7724		.068/0.027				IH	

**Main**

1-5	44.983/1.7710	48.998/1.9291	2.000/0.0787	.020/0.008	18.00/0.709	F780	10	8337	5M8337 Std. .25 .50 .75 1.0
	44.998/1.7716	49.018/1.9298		.068/0.027				U/L	

**Thrust**

52.250/2.0571 (Nominal I.D.)	67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T	1T8337 Std.
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Note: Set includes two pieces, use on No. 3 position. Required with 5M8337 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	3
92 1471cc (1.5) Isuzu 4XC1	7	L4	77mm x 79mm	Connecting Rod 24-27 ft.lbs/33-37 Nm	
92 1471cc (1.5) Isuzu 4XC1T Turbo	9	L4	77mm x 79mm	Main Bearing 61-69 ft.lbs/83-93 Nm	

**Rod**

39.929/1.5720	42.980/1.6921	1.506/0.0593		17.00/0.669	F780	8	1870	4B1870 Std. .25 .50 .75
39.945/1.5726	43.000/1.6929						IH	

# GEO



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 (Cont'd.)</b>									
<b>5M1869</b> Std. .25 .50 .75	<b>Main</b>								
	1-5	47.918/1.8865 47.938/1.8873	51.976/2.0463 52.000/2.0472	2.010/0.0791	.018/.0007 .089/.0035	17.00/0.669	F780	10	1869 U/L
<b>1T1869</b> Std.	<b>Thrust</b>								
	3	54.700/2.1535 54.900/2.1614	69.700/2.7441 69.900/2.7520			2.20/0.087	F250	2	1869T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1869 main set.</i>									
<b>4 ENGINE</b>									
<b>98 1588cc (1.6) (Toyota 4AGE - Prizm)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
		5	L4	81mm x 77mm	<b>Connecting Rod 36 ft.lbs/49 Nm</b>				
<b>98 1588cc (1.6) (Toyota 4AFE - Prizm)</b>		6	L4	81mm x 77mm	<b>Main Bearing 44 ft.lbs/60 Nm</b>				
<b>4B1710</b> Std. .25 .50 .75 1.0									
<b>Rod - for type 6 only.</b>									
		39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.498/0.0590	.005/.0002 .069/.0027	17.09/0.673	F810	8	1710A IH
<b>Rod - for type 5 only.</b>									
<b>4B1780</b> Std. .25 .50 .75 1.0		41.986/1.6530 42.000/1.6535	45.001/1.7717 45.024/1.7726	1.490/0.0587	.020/.0008 .084/.0033	17.09/0.673	F780	8	1780 IH
<b>Main</b>									
<b>5M1695</b> Std. .25 .50 .75 1.0	1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1695A L
	1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1704A U
<b>Thrust</b>									
<b>2T1695</b> Std.	3	53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984			2.49/0.098	F861	4	1695T U/L
	<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M1695 main set.</i>								
<b>5 ENGINE</b>									
<b>1588cc (1.6) Storm (4XE1)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>1588cc (1.6) Storm GSi (4XE1)</b>		RF77 L4	L4	80mm x 79mm	<b>Connecting Rod 24-27 ft.lbs/33-37 Nm</b>				
		RT77 L4	L4	80mm x 79mm	<b>Main Bearing 61-69 ft.lbs/83-95 Nm</b>				
<b>4B1870</b> Std. .25 .50 .75									
<b>Rod</b>									
		39.929/1.5720 39.945/1.5726	42.980/1.6921 43.000/1.6929	1.506/0.0593		17.00/0.669	F780	8	1870 IH
<b>Main - for engines 6/90-1993 (2.044" shaft size).</b>									
<b>5M1867</b> Std. .25 .50	1,2,3,4, 5	51.915/2.0439 51.938/2.0448	55.976/2.2038 55.989/2.2043	2.009/0.0791	.020/.0008 .082/.0032	17.13/0.674	F780	10	1867 U/L
	<b>Main - for engines 1990-5/90.</b>								
<b>5M1869</b> Std. .25 .50 .75	1-5	47.918/1.8865 47.938/1.8873	51.976/2.0463 52.000/2.0472	2.010/0.0791	.018/.0007 .089/.0035	17.00/0.669	F780	10	1869 U/L
	<b>Thrust</b>								
<b>1T1867</b> Std.	3	59.000/2.3228 59.000/2.3228	73.596/2.8975 73.850/2.9075			2.21/0.087	F817	2	1867T IH
	<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1867 main set.</i>								
<b>Thrust</b>									
<b>1T1869</b> Std.	3	54.700/2.1535 54.900/2.1614	69.700/2.7441 69.900/2.7520			2.20/0.087	F250	2	1869T IH
	<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1869 main set.</i>								
<b>6 ENGINE</b>									
<b>98 1588cc (1.6) Suzuki G16KC/KV</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
		U	L4	75mm x 90mm	<b>Connecting Rod 24-27 Ft.lbs/33-37 Nm</b>				
					<b>Main Bearing 37-41 ft.lbs/50-55 Nm</b>				
<b>4B8340</b> Std. .25 .50 .75 1.0									
<b>Rod</b>									
		43.983/1.7316 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.495/0.0589	.010/.0004 .076/.0030	18.10/0.713	F780	8	8340 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **6**

**Main**

1-5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.005/0.0789	.010/.0004 .072/.0028	18.10/0.713	F780	10	8339 U/L	<b>5M8339</b> Std. .25 .50 .75 1.0
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**Thrust**

3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.52/0.099	F817	2	8339T IH	<b>1T8339</b> Std.
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Note: Set includes two pieces, use on No. 3 position. Required with 5M8339 main set.

**ENGINE**
**VIN CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**110 1788cc (1.8) (Toyota 7AFE)**
**8**
**L4**
**81mm x 85.5mm**
**Connecting Rod 29-36 ft.lbs/39-49 Nm  
Main Bearing 52-63 ft.lbs/71-85 Nm**
**7**
**Rod**

	47.988/1.8893 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.490/0.0587	.020/.0008 .082/.0032	17.10/0.673	F780	8	1680 IH	<b>4B1680</b> Std. .25 .50 .75 1.0
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**Main - Half groove**

1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1695A L	<b>5M1695</b> Std. .25 .50 .75 1.0
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1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1704A U	
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**Thrust**

3	53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984			2.49/0.098	F861	4	1695T U/L	<b>2T1695</b> Std.
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Note: Set includes four pieces, use on No. 3 position. Required with 5M1695 main sets.

**GMC ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
119 (1.9).....	Isuzu G200Z, OHC	A	L4	82-85	1	325 (5.3).....		M	V8	06-06	18
122 (2.0).....	OHV	Y	L4	83-84	2	325 (5.3).....		T	V8	06-06	18
134 (2.2).....	OHV	4	L4	94-00	3	325 5328cc (5.3)...	(L59)	Z	V8	05-06	18
134 (2.2).....	OHV	5	L4	00-02	3	327 (5.4).....			V8	67-67	16
134 (2.2).....	OHV	H	L4	03-03	3	327 (5.4).....		E	V8	68-68	15
134 (2.2).....	Isuzu C223,Diesel	S	L4	84-85	4	350 (5.7).....		B	V8	71-71	15
151 2474cc (2.5)...	Pontiac Eng.	A	L4	91-93	5	350 (5.7).....		E	V8	69-84	15
151 2474cc (2.5)...	Pontiac Eng.	E	L4	85-91	5	350 (5.7).....		H	V8	72-75	15
153 (2.5).....		L4	L4	63-65	6	350 (5.7).....		J	V8	72-72	15
169 2770cc (2.8)...		8	L4	04-06	7	350 (5.7).....		K	V8	73-96	15
173 (2.8).....		B	V6	82-85	8	350 (5.7).....		K	V8	82-82	15
173 (2.8).....		R	V6	86-93	8	350 (5.7).....		L	V8	74-86	15
200 (3.3).....		M	V6	78-79	9	350 (5.7).....		M	V8	79-88	15
211 3460cc (3.5)...		6	L5	04-06	10	350 (5.7).....	Oldsmobile Eng.,Diesel	N	V8	83-84	20
229 (3.8).....		9	V6	83-84	9	350 (5.7).....		P	V8	80-88	15
229 (3.8).....		K	V6	80-82	9	350 (5.7).....		R	V8	96-02	15
230 (3.8).....		L6	L6	63-67	11	350 (5.7).....		V	V8	74-76	15
230 (3.8).....		S	L6	68-69	11	350 (5.7).....		W	V8	74-74	15
231 (3.8).....	Buick Eng.	2	V6	79-79	12	350 (5.7).....		Y	V8	73-75	15
231 (3.8).....	Buick Eng.	A	V6	78-84	12	350 (5.7).....	Oldsmobile Eng.,Diesel	Z	V8	78-81	20
250 (4.1).....		L6	L6	66-67	11	351 (5.8).....	(D351),Diesel		V6	64-67	19
250 (4.1).....		C	L6	71-72	11	351 (5.8).....	(351C/E/M)		V6	60-73	19
250 (4.1).....		D	L6	72-84	11	364 (6.0).....		N	V8	05-06	18
250 (4.1).....		L	L6	71-72	11	364 (6.0).....		U	V8	99-06	18
250 (4.1).....		N	L6	70-70	11	379 .....			V6	73-74	19
250 (4.1).....		P	L6	68-69	11	379 (6.2).....	Diesel	C	V8	82-93	21
250 (4.1).....		Q	L6	73-75	11	379 (6.2).....	Diesel	J	V8	82-93	21
256 (4.2).....		S	L6	02-05	13	395 (6.5).....	Turbo,Diesel	F	V8	92-02	21
262 (4.3).....		B	V6	90-91	14	395 (6.5).....	Diesel	P	V8	94-95	21
262 (4.3).....		N	V6	85-86	14	395 (6.5).....	Turbo,Diesel	S	V8	94-99	21
262 (4.3).....		W	V6	92-02	14	395 (6.5).....	Diesel	Y	V8	94-99	21
262 (4.3).....		X	V6	96-06	14	395 (6.5).....	(L65), Turbo,Diesel	F	V8	99-02	21
262 (4.3).....	Turbo	Z	V6	85-96	14	396 (6.5).....		E	V8	68-69	22
262 (4.3).....		Z	V6	91-93	14	396 (6.5).....		Y	V8	68-68	22
267 (4.4).....		J	V8	80-82	15	400 (6.6).....		M	V8	75-75	23
283 .....		V8	V8	67-67	16	400 (6.6).....		R	V8	74-80	23
292 (4.8).....		L6	L6	66-67	17	400 (6.6).....		U	V8	76-76	23
292 (4.8).....		S	L6	68-72	17	400 (6.6).....		X	V8	80-80	23
292 (4.8).....		S	L6	74-74	17	401 .....	(401M)		V6	60-73	19
292 (4.8).....		T	L6	73-89	17	402 (6.6).....			V8	71-72	22
294 (4.8).....		V	V8	99-05	18	402 (6.6).....		E	V8	70-72	22
305 (5.0).....	(305C)	V6	V6	60-67	19	402 (6.6).....		K	V8	71-71	22
305 (5.0).....		F	V8	81-86	15	402 (6.6).....		U	V8	72-75	22
305 (5.0).....		G	V8	80-81	15	432 .....			V6	73-74	19
305 (5.0).....		H	V8	79-95	15	454 (7.4).....		B	V8	98-99	22
305 (5.0).....		M	V8	96-00	15	454 (7.4).....		E	V8	70-71	22
305 (5.0).....		Q	V8	76-76	15	454 (7.4).....		J	V8	96-00	22
305 (5.0).....		U	V8	77-79	15	454 (7.4).....		L	V8	74-75	22
307 (5.0).....		A	V8	70-70	15	454 (7.4).....		N	V8	87-97	22
307 (5.0).....		B	V8	70-70	15	454 (7.4).....		S	V8	76-80	22
307 (5.0).....		E	V8	68-69	15	454 (7.4).....		W	V8	72-89	22
307 (5.0).....		F	V8	72-73	15	454 (7.4).....		Y	V8	73-77	22
307 (5.0).....		H	V8	71-71	15	454 (7.4).....		Z	V8	73-75	22
307 (5.0).....		P	V8	71-71	15	478 .....	(D478/DH478),Diesel		V6	64-74	19
307 (5.0).....		X	V8	73-73	15	478 .....	(478M)		V6	62-74	19
323 (5.3).....		B	V8	05-05	18	496 (8.1).....		G	V8	01-06	24
323 (5.3).....		M	V8	05-05	18	500 (8.2).....	Detroit Diesel (Fuel		V8	79-91	25
323 (5.3).....		P	V8	03-04	18		Pincher),Diesel				
323 (5.3).....		T	V8	99-05	18	500 (8.2).....	Detroit Diesel (Fuel		V8	79-91	25
323 (5.3).....		Z	V8	02-05	18		Pincher), Turbo,Diesel				
325 (5.3).....		B	V8	06-06	18	637 .....	D637 / DH637,Diesel		V8	66-73	26
						637 .....	Gas		V8	66-73	26

**GMC MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
	283				67	C15/C1500 PICKUP	305	5.0	(305C)		66-67
	350	5.7			82-88		305	5.0			76-86
1000 SERIES	230	3.8			64-65		307	5.0			68-73
	305	5.0	(305C)		61-65		327	5.4			67-68
1500 SERIES	230	3.8			64-65		350	5.7			69-86
	305	5.0	(305C)		61-65		350	5.7	Oldsmobile Eng.		78-81
2500 SERIES	305	5.0	(305C)		61-63		379	6.2			82-86
C15/C1500 PICKUP	230	3.8			66		396	6.5			68-69
	250	4.1			66-84		400	6.6			76-80
	292	4.8			66-80		402	6.6			70-72
	262	4.3			85-86		454	7.4			73-80

**GMC MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
C15/C1500 PICKUP - BIG TEN	250		4.1		77-80	C2500 PICKUP - SIERRA XC	305		5.0		89-97	
	292		4.8		78-80		350		5.7		89-98	
	305		5.0		78-80		379		6.2		89-93	
	350		5.7		77-80		395		6.5		93-98	
	400		6.6		80		454		7.4		91-98	
	454		7.4		77-80						92-99	
C15/C1500 SUBURBAN	250		4.1		68-80	C2500 SUBURBAN	350		5.7		93	
	292		4.8		68-74		379		6.2		93-99	
	305		5.0		76-86		454		7.4		92-99	
	307		5.0		68-73	C35/C3500 PICKUP	250		4.1		67-80	
	350		5.7		69-86		292		4.8		67-86	
	350		5.7		78-81		305		5.0		78-86	
	379		6.2	Oldsmobile Eng.	82-86		307		5.0		68-73	
	396		6.5		68-69		327		5.4		67-68	
	402		6.6		70-72		350		5.7		69-86	
	454		7.4		73-80		379		6.2		82-86	
	C1500 PICKUP	262		4.3			88-98	396		6.5		68-69
		305		5.0			88-99	400		6.6		76-79
350			5.7		88-99		402		6.6		70-72	
379			6.2		88		454		7.4		73-86	
395			6.5		98		C3500 PICKUP	350		5.7		88-00
C1500 PICKUP - SIERRA	262		4.3		89-97	379			6.2		88	
	305		5.0		89-97	395			6.5		98-00	
	350		5.7		89-97	454		7.4		88-00		
	379		6.2		89-93	C3500 PICKUP - HD CHASSIS CAB	395		6.5		01-02	
	395		6.5		94-97		496		8.1		01-02	
C1500 PICKUP - SIERRA XC	262		4.3		89-97		C3500 PICKUP - SIERRA	350		5.7		89-97
	305		5.0		89-97	379			6.2		89-93	
	350		5.7		89-97	395			6.5		92-97	
	379		6.2		89-93	454			7.4		89-97	
	395		6.5		94-97	C3500 PICKUP - SIERRA XC		350		5.7		89-97
C1500 SUBURBAN	350		5.7		92-99		379		6.2		89-93	
	395		6.5		94-99		395		6.5		92-97	
	C25/C2500 PICKUP	230		3.8			66	454		7.4		89-97
		250		4.1			66-84	CABALLERO	200		3.3	
		292		4.8		66-86	229			3.8		80-84
262			4.3		85-86	231			3.8	Buick Eng.	78-84	
305			5.0	(305C)	66-67	262			4.3		85-87	
305			5.0		77-86	267			4.4		80-82	
307			5.0		68-73	305			5.0		78-87	
327			5.4		67-68	350			5.7		78-79	
350			5.7		69-86	350			5.7	Oldsmobile Eng.	83-84	
379			6.2		82-86	169	2770		2.8		04	
396			6.5		68-69	211	3460		3.5		04	
400			6.6		76-79	169	2770		2.8		06	
402		6.6		70-72	169	2770	2.8			06		
454		7.4		73-86	211	3460	3.5		06			
C25/C2500 SUBURBAN	250		4.1		68-74	CANYON - SLT	211	3460	3.5		06	
	292		4.8		68-86	CANYON - WT	169	2770	2.8		06	
	305		5.0		77-86	211	3460	3.5		06		
	307		5.0		68-73	CANYON - Z71 FLEET	169	2770	2.8		05	
	327		5.4		68	211	3460	3.5		05		
	350		5.7		69-86	CANYON - Z71 SL	169	2770	2.8		05	
	350		5.7	Oldsmobile Eng.	80	211	3460	3.5		05		
	379		6.2		82-86	CANYON - Z71 SLE	169	2770	2.8		05	
	396		6.5		68	211	3460	3.5		05		
	400		6.6		78-80	CANYON - Z85 SL	169	2770	2.8		05	
	402		6.6		70-72	211	3460	3.5		05		
	454		7.4		74-86	CANYON - Z85 SLE	169	2770	2.8		05	
C2500 PICKUP	262		4.3		88	211	3460	3.5		05		
	305		5.0		88-99	ENVOY	256		4.2		02-04	
	350		5.7		88-00	ENVOY - DENALI	323		5.3		05	
	379		6.2		88	325		5.3		06		
	395		6.5		99-00	ENVOY - SLE	256		4.2		05	
	454		7.4		99-00	ENVOY - SLT	256		4.2		05	
	C2500 PICKUP - SIERRA	262		4.3		89-95	ENVOY - XL	256		4.2		02-04
		305		5.0		89-97	323		5.3		03-04	
		350		5.7		89-98	ENVOY - XL DENALI	323		5.3		05
		379		6.2		89-93	325		5.3		06	
395			6.5		92-98	ENVOY - XL SLE	256		4.2		05	
454			7.4		91-98	323		5.3		05		
C2500 PICKUP - SIERRA XC		262		4.3		89-93	ENVOY - XL SLT	256		4.2		05
							323		5.3		05	
							ENVOY - XL VUV	256		4.2		04
							323		5.3		04	
											04	

**GMC MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ENVOY - XUV SLE	256		4.2		05	G35/G3500 VAN - RALLY	250		4.1		71-74
	323		5.3		05		292		4.8		76-78
ENVOY - XUV SLT	256		4.2		05		262		4.3		95-96
	323		5.3		05		350		5.7		71-96
G1000 SERIES	230		3.8		64-66		379		6.2		83-93
G15/G1500 VAN	230		3.8		67		395		6.5		94-96
	250		4.1		67-83		400		6.6		75-80
	262		4.3		98		454		7.4		89-96
	305		5.0		83-98	G35/G3500 VAN - SAVANA	262		4.3		96
	307		5.0		70-71		350		5.7		96-97
	327		5.4		67		395		6.5		96-97
	350		5.7		71-98		454		7.4		96-97
G15/G1500 VAN - RALLY	230		3.8		68-69	G35/G3500 VAN - SPECIAL	262		4.3		96
	250		4.1		68-84		350		5.7		96
	262		4.3		85-93		395		6.5		96
	305		5.0		77-93		454		7.4		96
	307		5.0		68-73	G35/G3500 VAN - VANDURA	250		4.1		71-84
	350		5.7		72-93		292		4.8		76-78
	400		6.6		79		262		4.3		85-96
	454		7.4		79		305		5.0		81
G15/G1500 VAN - SAVANA	262		4.3		96-97		350		5.7		71-96
	305		5.0		96-97		379		6.2		83-93
	350		5.7		96-97		395		6.5		94-96
G15/G1500 VAN - VANDURA	230		3.8		68-69		400		6.6		75-80
	250		4.1		68-84		454		7.4		89-96
	262		4.3		85-95	JIMMY	250		4.1		70-82
	305		5.0		77-95		292		4.8		73
	307		5.0		68-73		262		4.3		95-01
	350		5.7		72-94		305		5.0		77-87
	400		6.6		76		307		5.0		70-72
G25/G2500 VAN	230		3.8		67		350		5.7		70-91
	250		4.1		67		379		6.2		82-91
	262		4.3		98		400		6.6		75-79
	305		5.0		98		454		7.4		73-76
	307		5.0		70-72	JIMMY - ENVOY	262		4.3		98-01
	327		5.4		67	K15/K1500 PICKUP	230		3.8		66-69
	350		5.7		71-98		250		4.1		66-84
	395		6.5		98		292		4.8		66-80
G25/G2500 VAN - CARGO	395		6.5		97		262		4.3		85-86
G25/G2500 VAN - RALLY	230		3.8		68-69		305		5.0		76-86
	250		4.1		68-84		307		5.0		68-70
	292		4.8		74-78		327		5.4		67-68
	262		4.3		85-95		350		5.7		69-86
	305		5.0		77-95		379		6.2		82-86
	307		5.0		68-73		396		6.5		68-69
	350		5.7		71-95		400		6.6		75-80
	379		6.2		83-93		454		7.4		76-80
	395		6.5		94-95	K15/K1500 SUBURBAN	250		4.1		68-80
	400		6.6		75-80		292		4.8		68
	454		7.4		75-76		305		5.0		76-85
G25/G2500 VAN - SAVANA	305		5.0		96-97		307		5.0		68-73
	350		5.7		96-97		327		5.4		68
	395		6.5		96		350		5.7		69-86
G25/G2500 VAN - VANDURA	230		3.8		68-69		379		6.2		82-86
	250		4.1		68-84		396		6.5		68
	292		4.8		74-78	K1500 PICKUP	400		6.6		75-79
	262		4.3		85-95		402		6.6		70-72
	305		5.0		77-95		262		4.3		88
	307		5.0		68-73		305		5.0		88-99
	350		5.7		70-95		350		5.7		88-99
	379		6.2		83-93		379		6.2		88
	395		6.5		94-95	K1500 PICKUP - SIERRA	262		4.3		89-98
	400		6.6		75-80		305		5.0		89-98
	395		6.5		97		350		5.7		89-98
G25/G2500 VAN - XT	292		4.8		74-78		379		6.2		89-93
G35/G3500 VAN	262		4.3		94-96	K1500 PICKUP - SIERRA XC	395		6.5		94-98
	327		5.4		67		262		4.3		89-98
	350		5.7		71-98		305		5.0		89-98
	379		6.2		83-93		350		5.7		89-98
	395		6.5		94-98		379		6.2		89-93
	400		6.6		76-80		395		6.5		94-98
	454		7.4		76-98	K1500 SUBURBAN	350		5.7		92-99
							395		6.5		94-99

**GMC MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years		
K25/K2500 PICKUP	250		4.1		67-80	P35/P3500 VAN	292		4.8		67-89		
	292		4.8		67-86		262		4.3			90-99	
	262		4.3		85		307		5.0			68-69	
	305		5.0		77-78		350		5.7			70-99	
	307		5.0		68-70		379		6.2			82-93	
	327		5.4		67-68		395		6.5			94-99	
	350		5.7		69-86		454		7.4			70-99	
	379		6.2		82-86		P35/P3500 VAN - MOTOR HOME	454		7.4		74	
	396		6.5		68-69			PB1000 SERIES	153		2.5		63-65
	400		6.6		75-80				230		3.8		63
	454		7.4		73-78			PB15 SERIES	230		3.8		66
	K25/K2500 SUBURBAN	250		4.1				68-74		250		4.1	
		292		4.8			68-86		292		4.8		66
		305		5.0			77-78	PB25 SERIES	230		3.8		66
		307		5.0			68-73			250		4.1	
327			5.4		68		292			4.8		66	
350			5.7		69-86		250		4.1		66		
379			6.2		82-86	PB2500 SERIES	230		3.8		63		
396			6.5		68		R1500 PICKUP	262		4.3		87	
400			6.6		75-80			305		5.0		87	
454			7.4		77		350		5.7		87		
K2500 PICKUP		262		4.3		88	R1500 SUBURBAN	379		6.2		87	
		305		5.0		88-99		305		5.0		87	
		350		5.7		88-00		350		5.7		87-91	
		379		6.2		88		379		6.2		87-91	
		395		6.5		98-00		R2500 PICKUP	292		4.8		87-88
454		7.4		98-00		262			4.3		87		
K2500 PICKUP - SIERRA	262		4.3		89-95		305		5.0		87		
	305		5.0		89-95		350		5.7		87-89		
	350		5.7		89-97	R2500 SUBURBAN	379		6.2		87-89		
	379		6.2		89-93		350		5.7		87-91		
	395		6.5		92-97		379		6.2		87-91		
454		7.4		91-97	454			7.4		87-91			
K2500 PICKUP - SIERRA XC	262		4.3		89-93		R3500 PICKUP	292		4.8		87-88	
	305		5.0		89-95	350			5.7		87-91		
	350		5.7		89-97	379			6.2		87-91		
	379		6.2		89-93	454			7.4		87-91		
	395		6.5		92-97	119			1.9		Isuzu G200Z, OHC	83-84	
K2500 SUBURBAN	454		7.4		91-97	S15 JIMMY	122		2.0		OHV	83-84	
	350		5.7		92-99		151	2474	2.5		Pontiac Eng.	85-88	
	395		6.5		94-99		173		2.8			83-89	
	454		7.4		92-99		262		4.3			88-94	
	K35/K3500 PICKUP	250		4.1			68-74	S15 PICKUP	119		1.9		Isuzu G200Z, OHC
292			4.8		68-86	122			2.0		OHV	83-84	
307			5.0		68-73	134			2.2		Isuzu C223	84-85	
327			5.4		67-68	151	2474		2.5		Pontiac Eng.	85-90	
350			5.7		69-86	173			2.8			82-90	
379		6.2		82-86	262		4.3			88-90			
396		6.5		68-69	SAFARI	151	2474	2.5		Pontiac Eng.	85-90		
400		6.6		77-80		262		4.3			85-05		
402		6.6		70-71	SAFARI - XT	262		4.3			90-97		
454		7.4		73-86	SAVANA 1500	262		4.3			99-06		
K3500 PICKUP	350		5.7		88-00		305		5.0		99-00		
	379		6.2		88		323		5.3		03-05		
	395		6.5		98-00		325		5.3		06		
	454		7.4		88-00	SAVANA 1500 - LS	350		5.7		99-02		
	K3500 PICKUP - SIERRA	350		5.7			89-97	262		4.3		06	
379			6.2		89-93	325		5.3		06			
395			6.5		92-97	SAVANA 1500 - LT	262		4.3		06		
454			7.4		89-97	325		5.3		06			
K3500 PICKUP - SIERRA XC		350		5.7		89-97	SAVANA 2500	262		4.3		99-05	
	379		6.2		89-93		294		4.8		03-05		
	395		6.5		93-97		305		5.0		99-00		
	454		7.4		89-97		323		5.3		03-05		
	P15/P1500 VAN	230		3.8		67-69		350		5.7		99-02	
250			4.1		68-74	SAVANA 3500	364		6.0		03-06		
292			4.8		67-80		395		6.5		99-02		
454			7.4		79		350		5.7		99-02		
250			4.1		66-74		364		6.0		03-06		
292		4.8		67-89	395			6.5		99-02			
P25/P2500 VAN	307		5.0		68-69	SAVANA 3500 - LS	364		6.0		06		
	350		5.7		70-89	SAVANA 3500 - LT	364		6.0		06		
	379		6.2		82-89	SIERRA 1500	262		4.3		99-05		
	454		7.4		70-71		294		4.8		99-05		
	P35/P3500 VAN	250		4.1		66-74	SIERRA 1500 - SL	262		4.3		06	

**GMC MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
SIERRA 1500 - SL	325		5.3		06	SUBURBAN	292		4.8		66-67
	325	5328	5.3		06		305		5.0	(305C)	66-67
SIERRA 1500 - SLE	325		5.3		06		327		5.4		67
	325	5328	5.3		06	SYCLONE	262		4.3		91
	364		6.0		06	TRUCK	305		5.0	(305C)	60
SIERRA 1500 - SLT	325		5.3		06	TYPHOON	262		4.3		92-93
	364		6.0		06	V1500 PICKUP	262		4.3		87
SIERRA 1500 - WT	262		4.3		06		305		5.0		87
	325		5.3		06		350		5.7		87
	325	5328	5.3		06		379		6.2		87
SIERRA 1500 HD	364		6.0		01-03	V1500 SUBURBAN	350		5.7		87-91
SIERRA 1500 HD - SLE	364		6.0		05-06		379		6.2		87-91
SIERRA 1500 HD - SLT	364		6.0		05-06	V2500 PICKUP	292		4.8		87
SIERRA 2500	323		5.3		99-00		350		5.7		87
	364		6.0		99-04		379		6.2		87
SIERRA 2500 HD	364		6.0		01-05	V2500 SUBURBAN	350		5.7		87-91
	496		8.1		01-05		379		6.2		87-91
SIERRA 2500 HD - SL	364		6.0		06	V3000 FORWARD					
	496		8.1		06	CONTROL	305		5.0	(305C)	61-62
SIERRA 2500 HD - SLE	364		6.0		06	V3500 PICKUP	292		4.8		87-88
	496		8.1		06		350		5.7		87-91
SIERRA 2500 HD - SLT	364		6.0		06		379		6.2		87-91
	496		8.1		06		454		7.4		87-91
SIERRA 2500 HD - WT	364		6.0		06	YUKON	294		4.8		00-04
	496		8.1		06		323		5.3		00-04
SIERRA 3500	364		6.0		01-05		350		5.7		92-00
	496		8.1		01-05		395		6.5		94-99
SIERRA 3500 - SL	364		6.0		06	YUKON - DENALI	350		5.7		99-00
	496		8.1		06		364		6.0		01-04
SIERRA 3500 - SLE	364		6.0		06	YUKON - DENALI XL	364		6.0		01-04
	496		8.1		06	YUKON - SL	325		5.3		06
SIERRA 3500 - SLT	364		6.0		06		325	5328	5.3		06
	496		8.1		06	YUKON - SLE	294		4.8		05
SIERRA 3500 - WT	364		6.0		06		323		5.3		05
	496		8.1		06		325		5.3		06
SIERRA C3	364		6.0		01		325	5328	5.3		05-06
SIERRA DENALI	364		6.0		02-06	YUKON - SLT	294		4.8		05
SONOMA	134	2474	2.2	OHV Pontiac Eng.	94-03		323		5.3		05
	151		2.5		91-93		325		5.3		06
	173		2.8		91-93		325	5328	5.3		05-06
	262		4.3		91-04	YUKON DENALI	364		6.0		05-06
SONOMA - GT	173		2.8		92	YUKON DENALI XL	364		6.0		05-06
	262		4.3		92	YUKON XL 1500	323		5.3		00-04
SPRINT	250		4.1		72-77	YUKON XL 1500 - SL	325	5328	5.3		06
	305		5.0		76-77	YUKON XL 1500 - SLE	323		5.3		05
	307		5.0		73		325	5328	5.3		06
	350		5.7		72-77	YUKON XL 1500 - SLT	323		5.3		05
	400		6.6		76		325	5328	5.3		06
	402		6.6		71-75	YUKON XL 2500	323		5.3		00
	454		7.4		73-74		364		6.0		00-04
SPRINT - CUSTOM	250		4.1		72-77		496		8.1		01-04
	305		5.0		76-77	YUKON XL 2500 - SLE	325	5328	5.3		06
	350		5.7		72-77		364		6.0		05-06
	400		6.6		74-76		496		8.1		05-06
	402		6.6		74-75	YUKON XL 2500 - SLT	325	5328	5.3		06
	454		7.4		72-75		364		6.0		05-06
SUBURBAN	153		2.5		63		496		8.1		05-06
	230		3.8		63-67						
	250		4.1		66-67						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE		VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
119 (1.9) Isuzu G200Z, OHC		A	L4	87mm x 82mm	Connecting Rod 43 ft.lbs/58 Nm Main Bearing 72 ft.lbs/97 Nm				

Rod	4B2821		51.987/2.0467 52.000/2.0472	1.513/0.0596	.021/.0008 .076/.0030	22.00/0.866	F810	8	2821A IH
	Std. .25 .50 .75 1.0 1.25 1.50	48.925/1.9262 48.940/1.9268							
Main	5M2817		58.980/2.3220 59.000/2.3228	1.513/0.0596	.019/.0007 .080/.0031	32.13/1.265	F780	6	2817 IH
	Std. .25 .50 .75 1.0	55.920/2.2016 55.935/2.2022							
	1,3,5								
	2,4					21.08/0.830	F780	4	2818 IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **1**

**Thrust**

3	62.610/2.4650 62.860/2.4748	79.950/3.1476 80.200/3.1575			2.36/0.093	F817	2	3286T IH	1T3286 Std.
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Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M2817 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
122 (2.0) OHV	Y	L4	3.50 x 3.15	Connecting Rod 34-43 ft.lbs/47-58 Nm Main Bearing 63-77 ft.lbs/85-105 Nm					

**2**

**Rod**

	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH	4B745P Std. 01 10 20 30 40
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**Main**

1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	6	7123 IH	5M1567P Std. .25 .50 .75 1.0
4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH	
5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	20.95/0.825	F780	2	7125 U/L	

Overflange length remains constant for standard and undersizes.

**Cam**

1	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1	5C1195S Std.
2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4	
3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
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134 (2.2) OHV	4	L4	3.50 x 3.46	Connecting Rod 38 ft.lbs/51 Nm					
134 (2.2) OHV	5	L4	3.50 x 3.46	Main Bearing 70 ft.lbs/95 Nm					
134 (2.2) OHV	H	L4	3.50 x 3.46						

**3**

**Rod**

	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH	4B745P Std. 01 10 20 30 40
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**Main - for Trucks (1994-97). (This set contains shells that have the same tang location for positions #1,2,3 & 5)**

1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	8	7123 IH	5M7124P Std. .25 .50 .75 1.0
4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH	

Overflange length remains constant for standard and undersizes.

**Main - for Trucks (1998 on). Different tang location for #3 position bearing.**

1,2,5	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/0.0954	.021/.0008 .097/.0038	18.72/0.737	F780	6	7123 IH	5M7164P Std. .25 .50 .75 1.0
3	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/0.0954	.021/.0008 .097/.0038	20.75/0.817	F780	2	7164 IH	
4 (FI)	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/0.0954	.021/.0008 .097/.0038	23.93/0.942	F780	2	7124 IH	

Overflange length remains constant for standard and undersizes.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**3 (Cont'd.)**

<b>5M7183P</b> .25 .50 .75 1.0	<b>Main - Alt set to 5M7164P with +0.010" overflange length increase. * See dimensional information below.</b>								
	1,2,5	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	18.72/0.737	F780	6	7123
		63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH
	3	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	20.75/0.817	F780	2	7164
		63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH
	4 (FI)	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	24.18/0.952	F780	2	7183
		63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH
	<b>* DIMENSIONAL INFORMATION FOR 5M7183P</b>								
					<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>		
					0.25 mm u/s shaft		0.952"		
				0.50 mm u/s shaft		0.952"			+0.010"
				0.75 mm u/s shaft		0.952"			+0.010"
				1.00 mm u/s shaft		0.952"			+0.010"
<b>5C1195S</b> Std.	<b>Cam</b>								
	1	47.440/1.8677	51.283/2.0190	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
		47.490/1.8697	51.308/2.0200						
	2,5	47.440/1.8677	51.029/2.0090	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
		47.490/1.8697	51.079/2.0110						
	3,4	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
47.490/1.8697		50.825/2.0010							

**4 ENGINE**

134 (2.2) Isuzu C223 Diesel

VIN **S** CYL **L4**

Bore x Stroke **88mm x 92mm**

**TORQUE SETTINGS**

Connecting Rod 58-65 ft. lbs/79-88 Nm  
Main Bearing 116-130 ft. lbs/158-177 Nm

<b>4B1320</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		52.918/2.0834	55.980/2.2039	1.513/0.0596	.020/.0008	22.50/0.886	F780	8	1320
		52.930/2.0839	56.000/2.2047		.079/.0031			IH	
<b>5M1188</b> Std. .25 .50 .75	<b>Main</b>								
	1,5	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	27.65/1.089	F780	4	1188
		59.932/2.3595	64.000/2.5197		.074/.0029				IH
	2,4	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	23.13/0.911	F780	4	1194
		59.932/2.3595	64.000/2.5197		.074/.0029				IH
	3	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	28.85/1.136	F780	2	1189
59.932/2.3595		64.000/2.5197		.074/.0029				IH	
<b>1T1192</b> Std.	<b>Thrust</b>								
	3	72.260/2.8449	86.610/3.4098			2.49/0.098	F817	2	1192T
		72.520/2.8551	86.870/3.4201						IH
<i>Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M1827 main sets.</i>									
<b>3C8127</b> Std.	<b>Cam</b>								
	1	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8127
		47.970/1.8886	52.034/2.0486						
	2	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8128
		47.970/1.8886	52.034/2.0486						
	3	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8129
47.970/1.8886		52.034/2.0486							

**5 ENGINE**

151 2474cc (2.5) Pontiac Eng.  
151 2474cc (2.5) Pontiac Eng.

VIN **A** **E** CYL **L4** **L4**

Bore x Stroke **4.00 x 3.00**  
**4.00 x 3.00**

**TORQUE SETTINGS**

Connecting Rod 30 ft. lbs/41 Nm (except crossflow)  
Connecting Rod 32 ft. lbs/44 Nm (crossflow)  
Main Bearing 65 ft. lbs/88 Nm (except crossflow)  
Main Bearing 70 ft. lbs/95 Nm (crossflow)

<b>4B610A</b> Std. 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	8	2226A
		50.813/2.0005	53.980/2.1252		.066/.0026			IH	
<b>4B610A0/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 4B610A.</b>								
		50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F810	8	9070A
		50.813/2.0005	54.031/2.1272	(@ .010" u/size)	.067/.0026			IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 5**

**Rod - To be superseded by 4B610A when stock exhausted.**

	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F780	8	2226
	50.813/2.0005	53.980/2.1252		.066/.0026				IH

**4B610P**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 4B610P. To be superseded by 4B610AO/S2 when stock exhausted.**

	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F780	8	9070
	50.813/2.0005	54.031/2.1272	(@ .010" u/s)	.067/.0026				IH

**4B610PO/S2**  
10 20 30 40

**Main**

1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L
5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.63/1.009	F780	2	7133
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L

**5M1733P**  
Std. 01 10 20 30 40

*Overflange length remains constant for standard and undersizes.*

**Main - Alt set to 5M1733P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L
5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.88/1.019	F780	2	7152
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L

**5M7152P**  
10 20 30 40

**\* DIMENSIONAL INFORMATION FOR 5M7152P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.019"	+0.010"
.020" u/s shaft	1.019"	+0.010"
.030" u/s shaft	1.019"	+0.010"
.040" u/s shaft	1.019"	+0.010"

**Cam**

1,2,3	47.452/1.8682	50.775/1.9990	1.640/0.0644		21.97/0.865	F23	3	CH-5-3
	47.478/1.8692	50.825/2.0010						

**3C1030S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
153 (2.5)		L4	3.88 x 3.25	Connecting Rod 30-35 ft.lbs/41-48 Nm Main Bearing 45-55 ft.lbs/61-75 Nm

**6**

**Rod**

	50.775/1.9990	53.967/2.1247	1.577/0.0621	.013/.0005	21.38/0.842	F780	8	2370
	50.800/2.0000	53.980/2.1252		.077/.0030				IH

**4B745P**  
Std. 01 10 20 30 40

**Main**

1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L
5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.63/1.009	F780	2	7133
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L

**5M1733P**  
Std. 01 10 20 30 40

*Overflange length remains constant for standard and undersizes.*

**Main - Alt set to 5M1733P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L
5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.88/1.019	F780	2	7152
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L

**5M7152P**  
10 20 30 40

**\* DIMENSIONAL INFORMATION FOR 5M7152P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.019"	+0.010"
.020" u/s shaft	1.019"	+0.010"
.030" u/s shaft	1.019"	+0.010"
.040" u/s shaft	1.019"	+0.010"

**Cam**

3	47.452/1.8682	51.029/2.0090	1.763/0.0694		21.97/0.865	F23	1	CH-5-2
	47.478/1.8692	51.079/2.0110						
1,2	47.452/1.8682	50.775/1.9990	1.636/0.0644		21.97/0.865	F23	2	CH-5-3
	47.478/1.8692	50.825/2.0010						

**3C400S**  
Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>7 ENGINE</b>										
<b>169 2770cc (2.8)</b>		<b>VIN 8 L4</b>		<b>Bore x Stroke 93mm x 102mm</b>		<b>TORQUE SETTINGS</b>				
						<b>Connecting Rod 18 ft.lbs + 110 deg</b>				
						<b>Main Bearing 18 ft.lbs + 180 deg</b>				
<b>4B2290A</b> Std. .25 .50 .75	<b>Rod</b>									
	56.691/2.2319 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.802/0.0709	.011/.0004 .059/.0023	20.75/0.817	F810	8	2290A IH		
<b>Rod - .002" oversize back version of 4B2290A.</b>										
<b>4B2290AO/S2</b> .25 .50 .75 1.0										
	56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ 0.25mm u/size)	.011/.0004 .059/.0023	20.75/0.817	F810	8	9102A IH		
<b>8 ENGINE</b>										
<b>173 (2.8)</b>		<b>VIN B V6</b>		<b>Bore x Stroke 3.50 x 2.99</b>		<b>TORQUE SETTINGS</b>				
						<b>Connecting Rod 34-40 ft.lbs/47-54 Nm</b>				
						<b>Main Bearing 63-74 ft.lbs/85-101 Nm</b>				
<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>									
	50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A		
<b>Rod - .002" oversize OD version of 6B1238A.</b>										
<b>6B1238AO/S2</b> 10 20 30 40										
	50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH		
<b>Main - optional set to 4M1494P with +0.010" overflange increase. *See below for dimensional information.</b>										
<b>4M1493P</b> 10 20 30 40	1	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L	
	2	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L	
	3 (FI)	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.18/0.952	F780	2	7129 U/L	
	4	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L	
	<b>* DIMENSIONAL INFORMATION FOR 4M1493P</b>									
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
					.010" u/s shaft	0.952"	+0.010"			
					.020" u/s shaft	0.952"	+0.010"			
				.030" u/s shaft	0.952"	+0.010"				
				.040" u/s shaft	0.952"	+0.010"				
<b>4M1494P</b> Std. 10 20 30 40	<b>Main - For 1982-85 engines with 63.3 mm small journal design.</b>									
	1	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L	
	2	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L	
	3 (FI)	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	23.93/0.942	F780	2	7119 U/L	
	4	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>4M2037A</b> Std. .25 .50 .75 1.0	<b>Main - High Strength Aluminum Silicon material.</b>								
		1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
2		67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L	
3 (FI)		67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **8**

**Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010	24.80/0.976	F780	4	7237
	67.264/2.6482	72.174/2.8415		.102/.0040				U/L
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010	18.75/0.738	F780	2	7238
	67.264/2.6482	72.174/2.8415		.102/.0040				U/L
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010	24.18/0.952	F780	2	7122
	67.264/2.6482	72.174/2.8415		.102/.0040				U/L

*to be discontinued when stock exhausted.*

**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110						
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010						
4	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110						

**4C1102S**  
Std.

**Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110						
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A
	47.490/1.8697	50.825/2.0010						
4	47.440/1.8677	51.029/2.0090	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110						

**4C1102SW**  
Std.

**ENGINE**

**200 (3.3)**  
**229 (3.8)**  
**229 (3.8)**

**VIN CYL Bore x Stroke**

**M V6 3.50 x 3.48**  
**9 V6 3.74 x 3.48**  
**K V6 3.74 x 3.48**

**TORQUE SETTINGS**

**Connecting Rod 45 ft.lbs/59 Nm**  
**Main Bearings 70 ft.lbs/95 Nm**

**9**

**Rod**

	53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	18.11/0.713	F780	12	7110
	53.340/2.1000	56.520/2.2252		.081/.0032				IH

**6B1227P**  
Std. 10 20 30 40

**Main - High Strength Aluminum Silicon material.**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F810	6	2377A
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
4	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	43.64/1.718	F810	2	2378A
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**4M1454A**  
Std. 01 10 20 30 40

**Main**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F780	6	2377
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	43.64/1.718	F780	2	2378
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**4M1454P**  
Std. 01 10 20 30 40

*Overflange length remains constant for standard and undersizes.*

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**9 (Cont'd.)**

<b>4M1628P</b> 10 20 30 40	<b>Main - alternate set to 4M1454P with +0.020" overflange length increase. *See below for dimensional information.</b>								
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L
	<i>To be discontinued when stock exhausted.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 4M1628P</b>								
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
			.010" u/s shaft		1.738" +0.020"				
			.020" u/s shaft		1.738" +0.020"				
			.030" u/s shaft		1.738" +0.020"				
			.040" u/s shaft		1.738" +0.020"				
<b>4M1684P</b> 20 30 40	<b>Main - alternate set to 4M1454P with +0.040" overflange length increase. *See below for dimensional information.</b>								
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.65/1.758	F780	2	2355 U/L
	<i>Stock not available from fee warehouses.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 4M1684P</b>								
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
			.020" u/s shaft		1.758" +0.040"				
			.030" u/s shaft		1.758" +0.040"				
			.040" u/s shaft		1.758" +0.040"				
	<b>4C1089S</b> Std.	<b>Cam</b>							
1		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
2,4		47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	2	CH-4-2
3		47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	1	CH-4-3

**10 ENGINE**

211 3460cc (3.5)

**VIN CYL Bore x Stroke TORQUE SETTINGS**

6 L5 93mm x 102mm  
Connecting Rod 18 ft.lbs + 110 deg  
Main Bearing 18 ft.lbs + 180 deg

<b>5B2290A</b> Std. .25 .50 .75	<b>Rod</b>								
		56.694/2.2320 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.802/0.0709	.011/.0004 .059/.0023	20.75/0.817	F810	10	2290A IH
<b>5B2290AO/S2</b> .25 .50 .75 1.0	<b>Rod - .002" oversize back version of 5B2290A.</b>								
		56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ 0.25mm u/size)	.011/.0004 .059/.0023	20.75/0.817	F810	10	9102A IH

**11 ENGINE**

230 (3.8) L6 3.88 x 3.25  
230 (3.8) S L6 3.88 x 3.25  
250 (4.1) L6 3.88 x 3.53  
250 (4.1) C L6 3.88 x 3.53  
250 (4.1) D L6 3.88 x 3.53  
250 (4.1) L L6 3.88 x 3.53  
250 (4.1) N L6 3.88 x 3.53  
250 (4.1) P L6 3.88 x 3.53  
250 (4.1) Q L6 3.88 x 3.53

**TORQUE SETTINGS**  
Connecting Rod 35-45 ft.lbs/48-61 Nm  
Main Bearing 60-70 ft.lbs/81-95 Nm

<b>6B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	12	2370 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 11**

**Main**

1-6	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	12	7132	<b>7M617P</b> Std. 10 20 30 40
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L	
7 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.63/1.009	F780	2	7133	
	58.402/2.2993	63.287/2.4916		.084/.0033				U/L	

Overflange length remains constant for standard and undersizes.

**Cam - engines from 1963-1970.**

1,4	47.452/1.8682	51.029/2.0090	1.763/0.0694		21.97/0.865	F23	2	CH-5-2	<b>4C399S</b> Std.
	47.478/1.8692	51.079/2.0110							
2,3	47.452/1.8682	50.775/1.9990	1.636/0.0644		21.97/0.865	F23	2	CH-5-3	
	47.478/1.8692	50.825/2.0010							

**Cam - engines from 1971 on.**

1,2,3,4	47.452/1.8682	50.775/1.9990	1.636/0.0644		21.97/0.865	F23	4	CH-5-3	<b>4C718S</b> Std.
	47.478/1.8692	50.825/2.0010							

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
231 (3.8) Buick Eng.	2	V6	3.80 x 3.40	Connecting Rod 40 ft.lbs/54 Nm					
231 (3.8) Buick Eng.	A	V6	3.80 x 3.40	Main Bearing 110 ft.lbs/150 Nm					

**12**

**Rod - .660" wide bearing.**

	57.117/2.2487	60.295/2.3738	1.572/0.0619	.014/.0006	16.76/0.660	F780	12	2360	<b>6B1228P</b> Std. 01 10 20 30 40
	57.137/2.2495	60.312/2.3745		.077/.0030				IH	

**Rod - .002" oversize OD version of 6B1228P.**

	57.117/2.2487	60.346/2.3758	1.724/0.0679	.005/.0002	16.76/0.660	F780	12	9071	<b>6B1228PO/S2</b> 10 20 30 40
	57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.078/.0031				IH	

**Main - half groove, standard oil clearance - alternate to 4M960P with +0.020" overflange length increase. \* See below for dimensional information.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015	<b>4M1688P</b> 10 20 30
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016	
	63.500/2.5000	68.275/2.6880		.096/.0038				L	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019	
	63.500/2.5000	68.275/2.6880		.096/.0038				U	
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.38/1.078	F780	2	9018	
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	

to be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M1688P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.078"	+0.020"
.020" u/s shaft	1.078"	+0.020"
.030" u/s shaft	1.078"	+0.020"

**Main - half groove, standard oil clearance - alternate to 4M960P with +0.040" overflange length increase. \* See below for dimensional information.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015	<b>4M1690P</b> 20 30
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019	
	63.500/2.5000	68.275/2.6880		.096/.0038				U	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016	
	63.500/2.5000	68.275/2.6880		.096/.0038				L	
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.89/1.098	F780	2	9024	
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	

**\* DIMENSIONAL INFORMATION FOR 4M1690P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.098"	+0.040"
.030" u/s shaft	1.098"	+0.040"

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**12 (Cont'd.)**

<b>4M1747P</b> 10 20 40	<b>Main - alternate set to 4M960P with +0.010" overflange length increase. *See below for dimensional information.</b>								
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L
<i>to be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1747P</b>									
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
		.010" u/s shaft			1.068"				
		.020" u/s shaft			1.068"				
		.040" u/s shaft			1.068"				
<b>4M960P</b> Std. 01 10 20 30 40	<b>Main - half groove, standard oil clearance. Set includes modified rear main bearing.</b>								
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	26.87/1.058	F780	2	9017 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4C1031BS</b> Std.	<b>Cam - grooved O/D on #1 bush - alt. set to 4C1031S.</b>								
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1B
	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	3	B-9-2
<b>4C1031S</b> Std.	<b>Cam</b>								
	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1
	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	3	B-9-2

**13 ENGINE**  
256 (4.2)

VIN	CYL	Bore x Stroke	TORQUE SETTINGS	
S	L6	93mm x 102mm	Connecting Rod 18 ft.lbs + 110 deg Main Bearing 18 ft.lbs + 180 deg	

<b>6B2290A</b> Std. .25 .50 .75 1.0	<b>Rod - High strength Aluminum Silicon material.</b>								
		56.691/2.2319 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.798/0.0708	.011/.0004 .059/.0023	20.75/0.817	F810	12	2290A IH
<b>6B2290AO/S2</b> .25 .50 .75 1.0	<b>Rod - .002" oversize OD version of 6B2290A.</b>								
		56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ .25mm u/s)	.011/.0004 .059/.0023	20.75/0.817	F810	12	9102A IH
<b>7M2224A</b> Std. 10 20	<b>Main</b>								
	1,2,3,4, 6,7	69.967/2.7546 69.982/2.7552	78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	20.68/0.814	F820	12	MB3781P U/L
	5 (FI)	69.967/2.7546 69.982/2.7552	78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	25.35/0.998	F820	2	MB3782P U/L
<b>AB3664</b> Semi	<b>Small End</b>								
		22.997/0.9054 23.000/0.9055	25.857/1.0180	1.372/0.0540		23.75/0.935	F100	1	223-3664



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
262 (4.3)			<b>B</b>	<b>V6</b>	<b>4.000 x 3.484</b>	<b>Connecting Rod 45 ft.lbs/61 Nm</b>			
262 (4.3)			<b>N</b>	<b>V6</b>	<b>4.000 x 3.484</b>	<b>Main Bearing 70 ft.lbs/95 Nm</b>			
262 (4.3)			<b>W</b>	<b>V6</b>	<b>4.000 x 3.484</b>				
262 (4.3)			<b>X</b>	<b>V6</b>	<b>4.000 x 3.484</b>				
262 (4.3)			<b>Z</b>	<b>V6</b>	<b>4.000 x 3.484</b>				
262 (4.3) Turbo			<b>Z</b>	<b>V6</b>	<b>4.000 x 3.484</b>				

**14**
**Rod - High Strength Aluminum Silicon material.**

57.130/2.2492	60.317/2.3747	1.575/0.0620	.022/.0009	18.92/0.745	F810	12	7111A
57.145/2.2498	60.342/2.3757		.089/.0035				

**6B1358A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 6B1358A.**

57.130/2.2492	60.368/2.3767	1.613/0.0635	.022/.0009	18.92/0.745	F810	12	9042A
57.145/2.2498	60.393/2.3777	(@ .010" u/s)	.089/.0035				IH

**6B1358A/S2**  
10 20 30 40

**Rod**

57.130/2.2492	60.317/2.3747	1.575/0.0620	.022/.0009	18.92/0.745	F780	12	7111
57.145/2.2498	60.342/2.3757		.089/.0035				IH

**6B1358P**  
Std. 01 10 20 30 40 50 60

**Main - High Strength Aluminum Silicon material.**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F810	6	2377A
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
4	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	43.64/1.718	F810	2	2378A
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**4M1454A**  
Std. 01 10 20 30 40

**Main**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F780	6	2377
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	43.64/1.718	F780	2	2378
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**4M1454P**  
Std. 01 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - optional set to 4M1454P with +0.020" overflange length increase. \*See dimensional information below.**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F780	6	2377
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	44.15/1.738	F780	2	2379
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**4M1628P**  
10 20 30 40

*to be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1628P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.738"	+0.020"
.020" u/s shaft	1.738"	+0.020"
.030" u/s shaft	1.738"	+0.020"
.040" u/s shaft	1.738"	+0.020"

**Main - optional set to 4M1454P with +0.040" overflange length increase. \*See dimensional information below.**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F780	6	2377
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	44.65/1.758	F780	2	2355
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**4M1684P**  
20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1684P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.758"	+0.040"
.030" u/s shaft	1.758"	+0.040"
.040" u/s shaft	1.758"	+0.040"

**Cam - for engines from 1985 on without ID number "T" on front of block.**

1	47.452/1.8682	51.283/2.0190	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
	47.478/1.8692	51.333/2.0210						
2,4	47.452/1.8682	51.029/2.0090	1.763/0.0694		18.92/0.745	F23	2	CH-4-2
	47.478/1.8692	51.079/2.0110						
3	47.452/1.8682	50.775/1.9990	1.640/0.0646		18.92/0.745	F23	1	CH-4-3
	47.478/1.8692	50.825/2.0010						

**4C1089S**  
Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>14 (Cont'd.)</b>									
<b>4C1351S</b> Std.	<b>Cam - for engines from 1992 on with ID number "T" on front of block.</b>								
	1,4	47.452/1.8682	51.283/2.0190	1.890/0.0744		19.05/0.750	F23	2	CH-4-1
		47.478/1.8692	51.333/2.0210						
	2	47.452/1.8682	50.775/1.9990	1.640/0.0646		19.05/0.750	F23	1	CH-4-3
		47.478/1.8692	50.825/2.0010						
	3	47.452/1.8682	51.029/2.0090	1.763/0.0694		19.05/0.750	F23	1	CH-4-2
47.478/1.8692		51.079/2.0110							
<b>1BS1400S</b> Std.	<b>Balance Shaft - VIN X, W, Z engines - contains bearing and spacer.</b>								
	Rear	38.064/1.4986 38.100/1.5000	47.587/1.8735 47.612/1.8745	4.724/0.1860	.013/.0005 .050/.0020	21.21/0.835	F23	1	CHG-15A

<b>15 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
267 (4.4)	J	V8	3.50 x 3.48	Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only) Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only) Main Bearing 75 ft.lbs/102 Nm					
305 (5.0)	F	V8	3.74 x 3.48						
305 (5.0)	G	V8	3.74 x 3.48						
305 (5.0)	H	V8	3.74 x 3.48						
305 (5.0)	M	V8	3.74 x 3.48						
305 (5.0)	Q	V8	3.74 x 3.48						
305 (5.0)	U	V8	3.74 x 3.48						
307 (5.0)	A	V8	3.88 x 3.25						
307 (5.0)	B	V8	3.88 x 3.25						
307 (5.0)	E	V8	3.88 x 3.25						
307 (5.0)	F	V8	3.88 x 3.25						
307 (5.0)	H	V8	3.88 x 3.25						
307 (5.0)	P	V8	3.88 x 3.25						
307 (5.0)	X	V8	3.88 x 3.25						
327 (5.4)	E	V8	4.00 x 3.25						
350 (5.7)	B	V8	4.00 x 3.48						
350 (5.7)	E	V8	4.00 x 3.48						
350 (5.7)	H	V8	4.00 x 3.48						
350 (5.7)	J	V8	4.00 x 3.48						
350 (5.7)	K	V8	4.00 x 3.48						
350 (5.7)	K	V8	4.00 x 3.48						
350 (5.7)	L	V8	4.00 x 3.48						
350 (5.7)	M	V8	4.00 x 3.48						
350 (5.7)	P	V8	4.00 x 3.48						
350 (5.7)	R	V8	4.00 x 3.48						
350 (5.7)	V	V8	4.00 x 3.48						
350 (5.7)	W	V8	4.00 x 3.48						
350 (5.7)	Y	V8	4.00 x 3.48						

<b>8B663A</b> Std. 01 10 20 30 40	<b>Rod - High strength Aluminum Silicon material.</b>								
	53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F810	16	2376A	
	53.340/2.1000	56.520/2.2252		.081/.0032					
<b>8B663AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663A.</b>								
	53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F810	16	9026A	
	53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH	
<b>8B663P</b> Std. 01 10 20 30 40 50 60	<b>Rod - standard oil clearance.</b>								
	53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F780	16	2376	
	53.340/2.1000	56.520/2.2252		.081/.0032				IH	
<b>8B663PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663P.</b>								
	53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F780	16	9026	
	53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 15**
**Main - optional set to 5M909P with +0.020" overflange length increase. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L

*Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**\* DIMENSIONAL INFORMATION FOR 5M1626P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.738"	+0.020"
.020" u/s shaft	1.738"	+0.020"
.030" u/s shaft	1.738"	+0.020"
.040" u/s shaft	1.738"	+0.020"
.050" u/s shaft	1.738"	+0.020"
.060" u/s shaft	1.738"	+0.020"

**5M1626P**  
10 20 30 40 50 60

**Main - optional set to 5M909P with +0.040" overflange length increase. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	1.76/0.069	F780	2	2355 U/L

*Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**\* DIMENSIONAL INFORMATION FOR 5M1683P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.758"	+0.040"
.030" u/s shaft	1.758"	+0.040"
.040" u/s shaft	1.758"	+0.040"

**5M1683P**  
20 30 40

**Main - optional set to 5M909P with +0.010" overflange length increase. \*See dimensional information below.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.89/1.728	F780	2	2365 U/L

*Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**\* DIMENSIONAL INFORMATION FOR 5M1744P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.728"	+0.010"
.020" u/s shaft	1.728"	+0.010"
.030" u/s shaft	1.728"	+0.010"
.040" u/s shaft	1.728"	+0.010"
.050" u/s shaft	1.728"	+0.010"
.060" u/s shaft	1.728"	+0.010"

**5M1744P**  
10 20 30 40 50 60

**Main - High strength Aluminum Silicon material.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F810	8	2377A U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L

**5M909A**  
Std. 01 10 20 30 40

**Main - half groove. Standard oil clearance.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L

**5M909P**  
Std. 01 10 20 30 40 50 60

*Overflange length remains constant for standard and undersizes. Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**Cam - Single piece from 5C3346C set.**

1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346
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**1C3346C**  
Std.

**Cam - Single piece from 5C3349C set (#1 position cam).**

	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
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**1C3349C**  
Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>15 (Cont'd.)</b>									
<b>5C004AS</b> Std.	<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536
<b>5C004BS</b> Std.	<b>Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537
<b>5C290S</b> Std.	<b>Cam - standard housing bores.</b>								
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3
<b>5C3346C</b> Std.	<b>Cam - All housing bores constant at 1.9990"/2.0010" (High Performance).</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346
<b>5C3349C</b> Std.	<b>Cam - standard housing bores (High Performance).</b>								
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346

<b>16 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>283</b>		<b>V8</b>	<b>3.88 x 3.00</b>	<b>Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)</b>
<b>327 (5.4)</b>		<b>V8</b>	<b>4.00 x 3.25</b>	<b>Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)</b>
				<b>Main Bearing 60-70 ft.lbs/81-95 Nm (265,283,327 engines)</b>
				<b>Main Bearing 80 ft.lbs/108 Nm (302 engines)</b>

<b>8B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .076/.0030	21.38/0.842	F780	16	2370 IH
<b>5M2372P</b> 10 20 30 40	<b>Main - Alt set to 5M429P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/0.0956	.015/.0006 .093/.0037	43.89/1.728	F780	2	3345 U/L
	<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M2372P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.010" u/s shaft	1.728"	+0.010"			
				.020" u/s shaft	1.728"	+0.010"			
				.030" u/s shaft	1.728"	+0.010"			
				.040" u/s shaft	1.728"	+0.010"			
<b>5M429P</b> Std. 01 10 20 30 40	<b>Main</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L
	5 (FI)	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/0.0956	.015/.0006 .093/.0037	43.64/1.718	F780	2	7104 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>1C3346C</b> Std.	<b>Cam - Single piece from 5C3346C set</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346
<b>1C3349C</b> Std.	<b>Cam - Single piece from 5C3349C set (#1 cam).</b>								
		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 16</b>									
<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.</b>									
1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536	<b>5C004AS</b> Std.
<b>Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.</b>									
1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537	<b>5C004BS</b> Std.
<b>Cam</b>									
1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	<b>5C290S</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3	
<b>Cam - All housing bores constant at 1.9990"/2.0010" (High Performance)</b>									
1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346	<b>5C3346C</b> Std.
<b>Cam - standard housing bores (High Performance).</b>									
1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349	<b>5C3349C</b> Std.
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347	
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346	
<b>17</b>									
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
292 (4.8)			L6	3.88 x 4.13	Connecting Rod 30-35 ft.lbs/41-48 Nm				
292 (4.8)		S	L6	3.88 x 4.13	Main Bearing 60-70 ft.lbs/81-95 Nm				
292 (4.8)		S	L6	3.88 x 4.13					
292 (4.8)		T	L6	3.88 x 4.13					
<b>Rod - High strength Aluminum Silicon material.</b>									
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	12	2376A IH	<b>6B663A</b> Std. 10 20 30 40
<b>Rod</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	12	2376 IH	<b>6B663P</b> Std. 10 20 30 40
<b>Main</b>									
1-6	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	12	7132 U/L	<b>7M617P</b> Std. 10 20 30 40
7 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Cam - engines from 1966-1970.</b>									
1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	2	CH-5-2	<b>4C399S</b> Std.
2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3	
<b>Cam - engines from 1971-1989.</b>									
1,2,3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	4	CH-5-3	<b>4C718S</b> Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>18 ENGINE</b>										
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
294 (4.8)			V	V8	96mm x 83mm	<b>Connecting Rod 15 ft.lbs + 60 deg.</b>				
323 (5.3)			B	V8	96mm x 92mm	<b>Main Bearing 15 ft.lbs + 80 deg Inner</b>				
323 (5.3)			M	V8	96mm x 92mm	<b>Main Bearing 18 ft.lbs Side Bolts</b>				
323 (5.3)			P	V8	96mm x 92mm					
323 (5.3)			T	V8	96mm x 92mm					
323 (5.3)			Z	V8	96mm x 92mm					
325 (5.3)			B	V8	96mm x 92mm					
325 (5.3)			M	V8	96mm x 92mm					
325 (5.3)			T	V8	96mm x 92mm					
325 5328cc (5.3) (L59)			Z	V8	96mm x 92mm					
364 (6.0)			N	V8	101.6mm x 92mm					
364 (6.0)			U	V8	101.6mm x 92mm					
<b>8B663A</b>										
Std. 01 10 20 30 40			<b>Rod - High Strength Aluminum Silicon material.</b>							
			53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/0.007	21.25/0.837	F810	16	2376A
			53.340/2.1000	56.520/2.2252		.081/0.032				
<b>8B663AO/S2</b>										
10 20 30 40			<b>Rod - .002" oversize OD version of 8B663A.</b>							
			53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/0.007	21.25/0.837	F810	16	9026A
			53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/0.032				IH
<b>8B663P</b>										
Std. 01 10 20 30 40 50 60			<b>Rod</b>							
			53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/0.007	21.25/0.837	F780	16	2376
			53.340/2.1000	56.520/2.2252		.081/0.032				IH
<b>8B663PO/S2</b>										
10 20 30 40			<b>Rod - .002" oversize OD version of 8B663P.</b>							
			53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/0.007	21.25/0.837	F780	16	9026
			53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/0.032				IH
<b>5M7298A</b>										
Std. 10 20 30 40			<b>Main - High Strength Aluminum Silicon material.</b>							
	1,2,4,5		64.993/2.5588	69.873/2.7509	2.430/0.0957	.006/0.002	20.45/0.805	F810	8	7298A
			65.007/2.5593	69.887/2.7515		.046/0.018				U/L
	3 (FI)		64.993/2.5588	69.873/2.7509	2.430/0.0957	.002/0.001	26.10/1.028	F810	2	7299A
			65.007/2.5593	69.887/2.7515		.046/0.018				U/L
<b>5C1000S</b>										
Std.			<b>Cam - 1999-2003 with 1st design # 1 &amp; 5 housing size of 2.3260"-2.3280".</b>							
	1,5		54.991/2.1650	59.080/2.3260	2.007/0.0790		16.00/0.630	F23	2	CH-10-1
			55.042/2.1670	59.131/2.3280						
	2,4		54.991/2.1650	58.829/2.3161	1.880/0.0740		16.00/0.630	F23	2	CH-10-2
			55.042/2.1670	58.879/2.3181						
	3		54.991/2.1650	58.580/2.3063	1.758/0.0692		16.00/0.630	F23	1	CH-10-3
			55.042/2.1670	58.631/2.3083						
<b>5C1001S</b>										
Std.			<b>Cam - 2003 on with 2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</b>							
	1,5		54.991/2.1650	59.588/2.3460	2.260/0.0890		16.00/0.630	F23	2	CH-23-1
			55.042/2.1670	59.639/2.3480						
	2,4		54.991/2.1650	59.080/2.3260	2.007/0.0790		16.00/0.630	F23	2	CH-10-1
			54.042/2.1276	59.131/2.3280						
	3		54.991/2.1650	58.580/2.3063	1.758/0.0692		16.00/0.630	F23	1	CH-10-3
			55.042/2.1670	58.631/2.3083						
<b>19 ENGINE</b>										
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
305 (5.0) (305C)			V6	V6	4.250 x 3.578	<b>Connecting Rod 55-65 ft.lbs Diesel engines only.</b>				
351 (5.8) (D351) Diesel			V6	V6	4.563 x 3.578	<b>Connecting Rod 65-75 ft.lbs Gas engines only.</b>				
351 (5.8) (351C/E/M)			V6	V6	4.563 x 3.578	<b>Main Bearing 130-140 ft.lbs Gas engines except rear bearing cap.</b>				
379			V6	V6	4.563 x 3.859	<b>Main Bearing 170-180 ft.lbs Diesel engines except rear bearing cap.</b>				
401 (401M)			V6	V6	4.875 x 3.578	<b>Main Bearing 55-65 ft.lbs Diesel engines rear cap only.</b>				
432			V6	V6	4.875 x 3.859	<b>Main Bearing 85-95 ft.lbs Gas engines rear bearing cap only.</b>				
478 (D478/DH478) Diesel			V6	V6	5.125 x 3.859					
478 (478M)			V6	V6	5.125 x 3.859					
<b>6B586P</b>										
Std. 10 20 30 40			<b>Rod - to be discontinued when stock exhausted.</b>							
			71.404/2.8112	76.606/3.0160	2.575/0.1014	.038/0.015	23.87/0.940	F780	12	CB586P
			71.429/2.8122	76.619/3.0165		.102/0.040				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
350 (5.7) Oldsmobile Eng. Diesel	N	V8	4.06 x 3.39	Connecting Rod 42 ft.lbs/57 Nm					
350 (5.7) Oldsmobile Eng. Diesel	Z	V8	4.06 x 3.39	Main Bearing 120 ft.lbs/163 Nm					

**20**
**Rod**

53.945/2.1238	57.137/2.2495	1.572/0.0619	.023/.0009	21.11/0.831	F780	16	8500
53.970/2.1248	57.150/2.2500		.087/.0034				IH

**8B684P**  
Std. 10 20 30 40

**Rod - .002" oversize OD version of 8B684P.**

53.945/2.1238	57.188/2.2515	1.724/0.0679	.024/.0009	21.11/0.831	F780	16	9041
53.970/2.1248	57.201/2.2520	(@ .010" u/s)	.088/.0035				IH

**8B684PO/S2**  
10 20 30 40

**Main**

1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L
1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U
2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH
3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.38/1.196	F780	2	8508 IH
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L

**5M804P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - optional set to 5M804P with +0.010" overflange length increase. \*See below for dimensional information.**

1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L
1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U
2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH
3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.63/1.206	F780	2	8519 IH
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L

**5M8519P**  
20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M8519P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.206"	+0.010"
.030" u/s shaft	1.206"	+0.010"
.040" u/s shaft	1.206"	+0.010"

**Cam**

1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1
2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5

**5C1088S**  
Std.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>21</b>	<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
379 (6.2) Diesel		C	V8	3.98 x 3.82	<b>Connecting Rod 48 ft. lbs</b>				
379 (6.2) Diesel		J	V8	3.98 x 3.82	<b>Main Bearing 100 ft.lbs</b> (outer bolt - 6.2 diesel engine only)				
395 (6.5) Turbo Diesel		F	V8	4.06 x 3.82	<b>Main Bearing 110 ft.lbs</b> (inner bolt)				
395 (6.5) Diesel		P	V8	4.06 x 3.82	<b>Main Bearing 111 ft.lbs</b> (outer bolt - 6.5 diesel engine only)				
395 (6.5) Turbo Diesel		S	V8	4.06 x 3.82					
395 (6.5) Diesel		Y	V8	4.06 x 3.82					
395 (6.5) (L65) Turbo Diesel		F	V8	4.06 x 3.82					
<b>8B1286P</b> Std. .025 .25 .50 .75	<b>Rod</b>	60.914/2.3982 60.940/2.3992	64.125/2.5246 64.150/2.5256	1.570/0.0618	.048/.0019 .120/.0047	22.91/0.902	F780	16	1292 IH
<b>5M2091P</b> Std. .025 .25 .50 .75 1.0	<b>Main - For all 6.2L &amp; 6.5L engines.</b>								
	1,2,4	74.917/2.9495 74.940/2.9504	79.825/3.1427 79.850/3.1437	2.425/0.0955	.040/.0016 .114/.0045	22.78/0.897	F780	6	2087 U/L
	3 (FI)	74.917/2.9495 74.940/2.9504	79.825/3.1427 79.850/3.1437	2.425/0.0955	.040/.0016 .114/.0045	28.70/1.130	F780	2	2089 U/L
	5	74.912/2.9493 74.937/2.9503	79.825/3.1427 79.850/3.1437	2.425/0.0955	.045/.0018 .119/.0047	35.33/1.391	F780	2	2088 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5C1199S</b> Std.	<b>Cam</b>								
	1	54.976/2.1644 55.024/2.1663	59.106/2.3270 59.157/2.3290	2.030/0.0798		22.86/0.900	F23	1	GM-7-1
	2	54.976/2.1644 55.024/2.1663	58.877/2.3180 58.928/2.3200	1.910/0.0753		19.81/0.780	F23	1	GM-7-2
	3	54.976/2.1644 55.024/2.1663	58.623/2.3080 58.674/2.3100	1.790/0.0703		19.81/0.780	F23	1	GM-7-3
	4	54.976/2.1644 55.024/2.1663	58.369/2.2980 58.420/2.3000	1.660/0.0653		19.81/0.780	F23	1	GM-7-4
	5	50.975/2.0069 51.026/2.0089	54.381/2.1410 54.432/2.1430	1.660/0.0655		19.81/0.780	F23	1	GM-7-5
<b>RB3864Y20</b> Semi	<b>Small End - semi-finished - .020" bore stock allowance.</b>	31.026/1.2215 (Finished ID Size)	33.139/1.3047 (Nominal)			25.40/1.000	F100	1	3864Y20
<b>22</b>	<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
396 (6.5)		E	V8	4.09 x 3.77	<b>Connecting Rod 45-55 ft.lbs/61-75 Nm</b> (all engines)				
396 (6.5)		Y	V8	4.09 x 3.77	<b>Main Bearing 110-120 ft.lbs/150-163 Nm</b> (High Performance)				
402 (6.6)		V8	V8	4.13 x 3.77	<b>Main Bearing 90-100 ft.lbs/122-136 Nm</b> (except High Performance)				
402 (6.6)		E	V8	4.13 x 3.77					
402 (6.6)		K	V8	4.13 x 3.77					
402 (6.6)		U	V8	4.13 x 3.77					
454 (7.4)		B	V8	4.25 x 4.00					
454 (7.4)		E	V8	4.25 x 4.00					
454 (7.4)		J	V8	4.25 x 4.00					
454 (7.4)		L	V8	4.25 x 4.00					
454 (7.4)		N	V8	4.25 x 4.00					
454 (7.4)		S	V8	4.25 x 4.00					
454 (7.4)		W	V8	4.25 x 4.00					
454 (7.4)		Y	V8	4.25 x 4.00					
454 (7.4)		Z	V8	4.25 x 4.00					
<b>8B743A</b> Std. 01 10 20 30 40	<b>Rod - High strength Aluminum Silicon material.</b>	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/0.0620	.017/.0007 .081/.0032	22.58/0.889	F810	16	7100A IH
<b>8B743AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B743A.</b>	55.855/2.1990 55.880/2.2000	59.098/2.3267 59.111/2.3272	1.727/0.0680 (@ .010" u/s)	.017/.0007 .081/.0032	22.58/0.889	F810	16	9100A IH
<b>8B743P</b> Std. 01 10 20 30 40	<b>Rod</b>	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/0.0620	.017/.0007 .081/.0032	22.58/0.889	F780	16	7100 IH
<b>8B743PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B743P.</b>	55.855/2.1990 55.880/2.2000	59.098/2.3267 59.111/2.3272	1.727/0.0680 (@ .010" u/s)	.017/.0007 .081/.0032	22.58/0.889	F780	16	9100 IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **22**

**Main - optional set to 5M829P with +0.010" overflange length increase. \*See below for dimensional information.**

1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/0.0937	.010/.0004 .087/.0034	26.46/1.042	F780	8	7102 U/L
5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.020/.0008 .097/.0038	46.25/1.821	F780	2	7105 U/L

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M1745P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.821"	+0.010"
.020" u/s shaft	1.821"	+0.010"
.030" u/s shaft	1.821"	+0.010"
.040" u/s shaft	1.821"	+0.010"

**Main - High strength Aluminum Silicon material.**

1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/0.0937	.010/.0004 .087/.0034	26.46/1.042	F810	8	7102A U/L
5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.020/.0008 .097/.0038	46.00/1.811	F810	2	7103A U/L

**Main - half groove set - standard oil clearance.**

1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/0.0937	.010/.0004 .087/.0034	26.46/1.042	F780	8	7102 U/L
5 (FI)	69.794/2.7478 69.820/2.7488	74.600/2.9370 74.625/2.9380	2.380/0.0937	.020/.0008 .097/.0038	46.00/1.811	F780	2	7103 U/L

Overflange length remains constant for standard and undersizes.

**Cam**

1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/0.0941		21.97/0.865	F23	1	CH-12-1
2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.260/0.0891		25.02/0.985	F23	2	CH-12-2
3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.140/0.0841		25.02/0.985	F23	2	CH-12-3

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
400 (6.6)	M	V8	4.13 x 3.75	Connecting Rod 45 ft. lbs/61 Nm Main Bearing 75 ft.lbs/102 Nm
400 (6.6)	R	V8	4.13 x 3.75	
400 (6.6)	U	V8	4.13 x 3.75	
400 (6.6)	X	V8	4.13 x 3.75	

<b>Rod - High strength Aluminum Silicon material.</b>								
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	16	2376A
<b>Rod - .002" oversize OD version of 8B663A.</b>								
	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH
<b>Rod - standard oil clearance.</b>								
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH
<b>Rod - .002" oversize OD version of 8B663P.</b>								
	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>23 (Cont'd.)</b>									
<b>5M1036P</b> 10 20 30 40	<b>Main - optional set to 5M1038P with +0.010" overflange length increase. *See below for dimensional information.</b>								
	1,2,3,4	67.269/2.6484 67.292/2.6493	72.151/2.8406 72.174/2.8415	2.423/0.0954	.013/.0005 .084/.0033	20.44/0.805	F780	8	7113 U/L
	5 (FI)	67.257/2.6479 67.280/2.6488	72.151/2.8406 72.174/2.8415	2.423/0.0954	.025/.0010 .097/.0038	43.89/1.728	F780	2	1036 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M1036P</b>									
		Overall Width (Nominal)			Increase in Width				
		.010" u/s shaft			1.728" +0.010"				
		.020" u/s shaft			1.728" +0.010"				
		.030" u/s shaft			1.728" +0.010"				
		.040" u/s shaft			1.728" +0.010"				
<b>5M1038P</b> Std. 01 10 20 30 40	<b>Main - half groove - standard oil clearance.</b>								
	1,2,3,4	67.269/2.6484 67.292/2.6493	72.151/2.8406 72.174/2.8415	2.423/0.0954	.013/.0005 .084/.0033	20.44/0.805	F780	8	7113 U/L
	5 (FI)	67.257/2.6479 67.280/2.6488	72.151/2.8406 72.174/2.8415	2.423/0.0954	.025/.0010 .097/.0038	43.64/1.718	F780	2	7115 U/L
<b>5M7155P</b> 40	<b>Main - optional set to 5M1038P with +0.004" overflange length increase. *See below for dimensional information.</b>								
	1,2,3,4	67.269/2.6484 67.292/2.6493	72.151/2.8406 72.174/2.8415	2.423/0.0954	.013/.0005 .084/.0033	20.44/0.805	F780	8	7113 U/L
	5 (FI)	67.257/2.6479 67.280/2.6488	72.151/2.8406 72.174/2.8415	2.423/0.0954	.025/.0010 .097/.0038	43.74/1.722	F780	2	7155 U/L
<i>to be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M7155P</b>									
		Overall Width (Nominal)			Increase in Width				
		.040" u/s shaft			1.722" +0.004"				
<b>1C3346C</b> Std.	<b>Cam - Single piece from 5C3346C set</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346
<b>1C3349C</b> Std.	<b>Cam - Single piece from 5C3349C set (#1 cam).</b>								
		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
<b>5C004AS</b> Std.	<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536
<b>5C004BS</b> Std.	<b>Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537
<b>5C290S</b> Std.	<b>Cam - standard housing bores.</b>								
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3
<b>5C3346C</b> Std.	<b>Cam - All housing bores constant at 1.9990"/2.0010" (High Performance)</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346
<b>5C3349C</b> Std.	<b>Cam - standard housing bores (High Performance).</b>								
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>24</b>
<b>496 (8.1)</b>			<b>G</b>	<b>V8</b>	<b>108mm x 111mm</b>	<b>Connecting Rod 22 ft.lbs + 90 deg</b> <b>Main Bearing 22 ft.lbs + 80 deg</b> Outer studs <b>Main Bearing 22 ft.lbs + 90 deg</b> Inner bolts				

**Rod - High strength Aluminum Silicon material.**

55.855/2.1990	59.047/2.3247	1.575/0.0620	.017/.0007	22.58/0.889	F810	16	7100A IH
55.880/2.2000	59.060/2.3252		.081/.0032				

**8B743A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 8B743A.**

55.855/2.1990	59.098/2.3267	1.727/0.0680	.017/.0007	22.58/0.889	F810	16	9100A IH
55.880/2.2000	59.111/2.3272	(@ .010" u/s)	.081/.0032				

**8B743AO/S2**  
10 20 30 40

**Cam**

1	49.497/1.9487	54.343/2.1395	2.390/0.0941	21.97/0.865	F23	1	CH-12-1
	49.522/1.9497	54.369/2.1405					
2,5	49.497/1.9487	54.089/2.1295	2.260/0.0891	25.02/0.985	F23	2	CH-12-2
	49.522/1.9497	54.115/2.1305					
3,4	49.497/1.9487	53.835/2.1195	2.140/0.0841	25.02/0.985	F23	2	CH-12-3
	49.522/1.9497	53.861/2.1205					

**5C616S**  
Std.

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>25</b>
<b>500 (8.2) Detroit Diesel (Fuel Pincher) Diesel</b>				<b>V8</b>	<b>4.25 x 4.41</b>	<b>Connecting Rod 59-70 ft. lbs/80-95 Nm</b> <b>Main Bearing Inner 103-108 ft. lbs/140-146 Nm</b> <b>Main Bearing Outer 66-76 ft. lbs/89-103 Nm</b>				
<b>500 (8.2) Detroit Diesel (Fuel Pincher) Turbo Diesel</b>				<b>V8</b>	<b>4.25 x 4.41</b>					

**Rod**

69.974/2.7549	74.902/2.9489	2.430/0.0950	.051/.0020	23.42/0.922	F780	16	CB1288P IH
70.000/2.7559	74.915/2.9494		.127/.0050				

**8B1288P**  
Std. .25 .50

**Main**

1,2,3,4	99.974/3.9360	106.426/4.1900	3.190/0.1260	.058/.0023	23.62/0.930	F780	8	MB2881P U/L
	100.000/3.9370	106.451/4.1910		.135/.0053				
5(FI)	99.974/3.9360	106.426/4.1900	3.190/0.1260	.058/.0023	31.77/1.251	F780	2	MB2882P U/L
	100.000/3.9370	106.451/4.1910		.135/.0053				

**5M1566P**  
Std. .25 .50 .75

*Overflange length remains constant for standard and undersizes.*

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>26</b>
<b>637 D637 / DH637 Diesel</b>				<b>V8</b>	<b>5.125 x 3.860</b>	<b>Connecting Rod 55-65 ft.lbs</b> Diesel engines only. <b>Connecting Rod 65-75 ft.lbs</b> Gas engines only. <b>Main Bearing 130-140 ft.lbs</b> Gas engines except rear bearing cap. <b>Main Bearing 170-180 ft.lbs</b> Diesel engines except rear bearing cap. <b>Main Bearing 55-65 ft.lbs</b> Diesel engines rear cap only. <b>Main Bearing 85-95 ft.lbs</b> Gas engines rear bearing cap only.				
<b>637 Gas</b>				<b>V8</b>	<b>5.125 x 3.860</b>					

**Rod - To be discontinued when stock exhausted.**

71.404/2.8112	76.606/3.0160	2.576/0.1014	.038/.0015	23.87/0.940	F780	16	CB586P IH
71.429/2.8122	76.619/3.0165		.102/.0040				

**8B586P**  
Std. 10 20 30 40

**Main - for 1966-72 engines only. To be discontinued when stock exhausted.**

1,2,3,5	79.342/3.1237	84.455/3.3250	2.527/0.0995	.040/.0016	29.46/1.160	F780	8	MB2009P U/L
	79.367/3.1247	84.480/3.3260		.117/.0046				
4 (FI)	79.342/3.1237	84.455/3.3250	2.527/0.0995	.040/.0016	38.84/1.529	F780	2	MB2010P U/L
	79.367/3.1247	84.480/3.3260		.117/.0046				

**5M944P**  
Std. 10 20

*On D637/DH637 diesel engines, undersize bearings listed above can be used but the original crankshaft surface hardness must be restored by a suitable process.*

## HONDA ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1169cc (1.2).....	(EB1)		L4	73-73	1	1700cc (1.7).....	(D17A7)		L4	02-04	9
1237cc (1.2).....	(EB2)		L4	74-77	1	1751cc (1.8).....	EK1		L4	81-83	3
1237cc (1.2).....	(EB3)		L4	78-79	1	1751cc (1.8).....	(EK1)		L4	79-83	3
1335cc (1.3).....	EJ/EJ1		L4	80-83	1	1829cc (1.8).....	ES1		L4	83-83	8
82 1342cc (1.3).....	D13A2		L4	87-87	2	1829cc (1.8).....	ES3		L4	85-85	8
82 1342cc (1.3).....	EV		L4	84-86	2	1829cc (1.8).....	ET/ET2		L4	84-84	8
82 1342cc (1.3).....	(D13A2)		L4	87-87	2	1829cc (1.8).....	(A18A1)		L4	87-87	8
82 1342cc (1.3).....	(EV1)		L4	84-86	2	1829cc (1.8).....	(ES2)		L4	84-85	8
1487cc (1.5).....	D15A2/A3		L4	87-87	5	1829cc (1.8).....	(ET2)		L4	84-86	8
1487cc (1.5).....	EM1		L4	80-82	3	1955cc (2.0).....	A20A1/A20A3		L4	87-87	8
1487cc (1.5).....	EW1/3/4		L4	84-86	4	1955cc (2.0).....	BT1		L4	85-85	8
1487cc (1.5).....	(D15A2)		L4	87-87	5	1955cc (2.0).....	BT2		L4	86-86	8
1487cc (1.5).....	(ED1)		L4	75-75	3	1955cc (2.0).....	(A20A1)		L4	87-89	8
1487cc (1.5).....	(ED2)		L4	75-76	3	1955cc (2.0).....	(A20A3)		L4	87-89	8
1487cc (1.5).....	(ED3)		L4	76-79	3	1955cc (2.0).....	(BS)		L4	86-86	8
1487cc (1.5).....	(ED4)		L4	75-79	3	1955cc (2.0).....	(BT)		L4	86-86	8
1487cc (1.5).....	(EM1)		L4	81-83	3	1958cc (2.0).....	B20A3/B20A5		L4	88-91	10
1487cc (1.5).....	(EW1)		L4	84-86	4	1958cc (2.0).....	(B20A5)		L4	91-91	10
1493cc (1.5).....	D15B1		L4	90-91	5	1997cc (2.0).....	(F20C1)		L4	00-04	13
1493cc (1.5).....	D15B1/B6		L4	88-89	5	1998cc (2.0).....	K20A2		L4	02-06	11
1493cc (1.5).....	(D15B2)		L4	88-91	5	1998cc (2.0).....	(K20A3)		L4	02-05	12
1493cc (1.5).....	(D15B6)		L4	90-91	5	2056cc (2.1).....	(B21A1)		L4	90-91	10
1493cc (1.5).....	(D15B7)		L4	92-95	5	2156cc (2.2).....	(F22A1)		L4	90-96	14
1493cc (1.5).....	(D15B8)		L4	92-95	5	2156cc (2.2).....	(F22A4)		L4	90-91	14
1493cc (1.5).....	(D15Z1)		L4	92-95	5	2156cc (2.2).....	(F22A6)		L4	91-93	14
1590cc (1.6).....	DOHC (VTEC) (B16A2)		L4	96-97	7	2156cc (2.2).....	(F22B1)		L4	94-97	14
1590cc (1.6).....	DOHC (VTEC) (B16A3)		L4	94-95	7	2156cc (2.2).....	(F22B2)		L4	94-97	14
1590cc (1.6).....	(D16A6)		L4	88-91	6	2156cc (2.2).....	(F22B6)		L4	95-97	14
1590cc (1.6).....	(D16Y5)		L4	96-00	6	2156cc (2.2).....	(H22A1)		L4	93-96	14
1590cc (1.6).....	(D16Y7)		L4	96-00	6	2156cc (2.2).....	(H22A4)		L4	97-01	15
1590cc (1.6).....	(D16Y8)		L4	96-00	6	2157cc (2.2).....	(F22C1)		L4	05-06	13
1590cc (1.6).....	(VTEC) (D16Z6)		L4	92-95	6	2234cc (2.3).....	(F23A7)		L4	98-98	16
1595cc (1.6).....	DOHC (VTEC) (B16A2)		L4	99-00	7	2254cc (2.3).....	(F23A1)		L4	98-02	16
1598cc (1.6).....	EY		L4	83-90	8	2254cc (2.3).....	(F23A4)		L4	98-02	16
1599cc (1.6).....	EG (Canada)		L4	78-79	3	2254cc (2.3).....	(F23A5)		L4	98-02	16
1599cc (1.6).....	(EF1)		L4	76-78	3	2259cc (2.3).....	(H23A1)		L4	92-96	17
1606cc (1.6).....	EL1 (Canada)		L4	82-83	3	2354cc (2.4).....	(K24A1)		L4	06-06	11
1668cc (1.7).....	(D17A1)		L4	01-05	9	2354cc (2.4).....	(K24A4)		L4	03-06	11
1668cc (1.7).....	(D17A2)		L4	01-05	9	2354cc (2.4).....	(K24A8)		L4	06-06	11
1668cc (1.7).....	(D17A6)		L4	01-05	9	2400cc (2.4).....	(K24A1)		L4	02-05	11
1668cc (1.7).....	(D17A7)		L4	01-05	9	2400cc (2.4).....	(K24A4)		L4	03-05	11
1700cc (1.7).....	(D17A1)		L4	02-04	9	2559cc (2.6).....	(4ZE1)		L4	94-96	18
1700cc (1.7).....	(D17A2)		L4	02-04	9	2675cc (2.7).....	(C27A4)		V6	95-97	19
1700cc (1.7).....	(D17A6)		L4	02-04	9	3165cc (3.2).....	(6VD1)		V6	94-02	20

## HONDA MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ACCORD	1599	1.6			76-78	ACCORD - LX	2156	2.2			90-97
	1751	1.8			79-80		2254	2.3			98-02
	1751	1.8	EK1		81-83		2354	2.4			03-06
	1829	1.8			84-85		2675	2.7			95-97
	1955	2.0			87	ACCORD - LX SPECIAL EDITION	2354	2.4			06
ACCORD - 10TH ANNIVERSARY	2156	2.2			93	ACCORD - LXI	1955	2.0			86-89
ACCORD - 1800 LX	1829	1.8	ES3		85	ACCORD - S	1829	1.8			85
	1829	1.8	ET/ET2		84		1955	2.0			88-89
ACCORD - 1800 SE-I	1829	1.8	ES3		85	ACCORD - SE	1751	1.8	EK1		81-83
ACCORD - 1800 STD	1829	1.8	ES3		85		2156	2.2			91-97
	1829	1.8	ET/ET2		84		2254	2.3			00-02
ACCORD - 25TH ANNIVERSARY EDITION	2156	2.2			96	ACCORD - SEI	1955	2.0			89
ACCORD - DX	1751	1.8			79-80	ACCORD - VALUE PACKAGE	2254	2.3			01-02
	1955	2.0			86-89		2354	2.4			06
	2156	2.2			90-97	CIVIC	1237	1.2			74-79
	2254	2.3			98-02		1335	1.3	EJ/EJ1		83
	2354	2.4			03-05		82 1342	1.3	D13A2		87
ACCORD - EX	2156	2.2			90-97		82 1342	1.3	EV		85-86
	2254	2.3			98-02		1487	1.5			81-83
	2354	2.4			03-06		1493	1.5	D15B1		90-91
	2675	2.7			95-97		1493	1.5	D15B1/B6		88-89
ACCORD - EX-R	2156	2.2			97	CIVIC - 1.3	1335	1.3	EJ/EJ1		83
	2675	2.7			95-97	CIVIC - 1300	1335	1.3	EJ/EJ1		80-82
ACCORD - EXI	1955	2.0			87-89		82 1342	1.3	D13A2		87
ACCORD - LX	1599	1.6			78	CIVIC - 1300 DX	1335	1.3	EJ/EJ1		80-81
	1751	1.8			79-83	CIVIC - 1500	1487	1.5	D15A2/A3		87
	1955	2.0			86-89		1487	1.5	EM1		80
							1487	1.5	EW1/3/4		85

## HONDA MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
CIVIC - 1500 DX		1487	1.5	D15A2/A3	87	CRX - 1300	82	1342	1.3	EV	84
		1487	1.5	EM1	80-82	CRX - 1500		1487	1.5	D15A2/A3	87
		1487	1.5	EW1/3/4	84-86			1487	1.5	EW1/3/4	84-86
		1493	1.5	D15B1/B6	88	CRX - 1500 HF		1487	1.5	D15A2/A3	87
CIVIC - 1500 GL		1487	1.5	EM1	80-82			1487	1.5	EW1/3/4	85-86
		1487	1.5	EW1/3/4	84		1493	1.5	D15B1/B6	88-89	
CIVIC - 1500 S		1487	1.5	EW1/3/4	84-85	CRX - 1500 SI		1487	1.5	D15A2/A3	87
CIVIC - 1500 SI		1487	1.5	D15A2/A3	87			1487	1.5	EW1/3/4	85-86
		1487	1.5	EW1/3/4	86	CRX - DX		1493	1.5		88-90
CIVIC - 4WD		1590	1.6		88-91	CRX - HF		1493	1.5		90-91
CIVIC - CVCC		1487	1.5		75-79	CRX - SI		1590	1.6		88-91
CIVIC - CX		1493	1.5		92-95	ELEMENT		2400	2.4		03-04
		1493	1.5	D15B1	90-91	ELEMENT - EX		2354	2.4		06
		1493	1.5	D15B1/B6	89			2400	2.4		05
		1590	1.6		96-00	ELEMENT - LX		2354	2.4		04-06
CIVIC - DX	82	1342	1.3		84-87			2400	2.4		05
		1493	1.5		88-95	ODYSSEY - EX		2156	2.2		95-97
		1590	1.6		96-00			2234	2.3		98
		1668	1.7		01-05	ODYSSEY - LX		2156	2.2		95-97
CIVIC - EX		1700	1.7		02-04			2234	2.3		98
		1590	1.6		90-00	PASSPORT - DX		2559	2.6		94-96
		1590	1.6	(VTEC)	92-95	PASSPORT - EX		3165	3.2		94-02
		1668	1.7		01-05	PASSPORT - LX		3165	3.2		94-02
CIVIC - GX		1700	1.7		02-04	PRELUDE		1751	1.8		79-82
		1668	1.7		01-05			1829	1.8		84-87
CIVIC - HX		1700	1.7		02-04			1829	1.8	ES1	83
		1590	1.6		96-00			2156	2.2		97-01
CIVIC - LX		1668	1.7		01-05	PRELUDE - 2.0 S		1958	2.0	B20A3/B20A5	88-90
		1700	1.7		02-04	PRELUDE - 2.0 SI		1955	2.0	A20A1/A20A3	87
		1493	1.5		88-95			1955	2.0	BT1	85
		1590	1.6		96-00			1955	2.0	BT2	86
CIVIC - SE		1668	1.7		01-05			1958	2.0		91
		1700	1.7		02-04			1958	2.0	B20A3/B20A5	88-90
		1493	1.5	D15B1/B6	88	PRELUDE - 2.0 SI 4WS		2056	2.1		90
		1590	1.6		89-91	PRELUDE - S		1958	2.0	B20A3/B20A5	88-89
CIVIC - SI		1590	1.6	(VTEC)	92-95	PRELUDE - SE		1958	2.0	B20A3/B20A5	91
		1595	1.6	DOHC (VTEC)	99-00			2259	2.3		95
1998	2.0		02-05			2156	2.2		97-01		
CIVIC - VALUE PACKAGE		1668	1.7		05	PRELUDE - SH		2056	2.1		91
CIVIC - VX		1493	1.5		92-95	PRELUDE - SI		2259	2.3		92-96
CIVIC DEL SOL - S		1493	1.5		93-95	PRELUDE - SI 4WS		2056	2.1		90-91
		1590	1.6		96-97			2259	2.3		92
CIVIC DEL SOL - SI		1590	1.6		96-97	PRELUDE - SI ALB		2056	2.1		90-91
		1590	1.6	(VTEC)	93-95	PRELUDE - SR		1958	2.0	B20A3/B20A5	90
CIVIC DEL SOL - VTEC		1590	1.6	DOHC (VTEC)	94-97	PRELUDE - VTEC		2156	2.2		93-96
CR-V - EX		2354	2.4		06	S2000		1997	2.0		00-03
		2400	2.4		02-05			2157	2.2		05-06
CR-V - LX		2354	2.4		06	WAGOVAN		1487	1.5		84-87
		2400	2.4		02-05			1487	1.5	EW1/3/4	86
CR-V - SE		2354	2.4		06						
		2400	2.4		05						
CRX		1493	1.5		91						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1169cc (1.2) (EB1)		L4	70mm x 76mm	<b>Connecting Rod 18-21 ft.lbs/25-29 Nm</b> <b>Main Bearing 27-31 ft.lbs/37-42 Nm</b>
1237cc (1.2) (EB2)		L4	72mm x 76mm	
1237cc (1.2) (EB3)		L4	72mm x 76mm	
1335cc (1.3) EJ/EJ1		L4	72mm x 82mm	

Rod									4B1950 Std. .25 .50 .75 1.0
	39.982/1.5741	43.000/1.6929	1.499/0.0590	.023/.0009	17.52/0.690	F780	8	1950 IH	
Undersize bearings listed above can be used but the original crankshaft surface hardness must be restored by a suitable process.									
Main									5M1952 Std. .25 .50 .75
1-5	50.012/1.9690	54.000/2.1260	1.999/0.0787	.025/.0010	19.94/0.785	F780	10	1952 IH	
Undersize bearings listed above can be used but the original crankshaft surface hardness must be restored by a suitable process.									

# HONDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>1T1952</b> Std. +0.125 +0.25	<b>Thrust</b>	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1952T IH
<i>Note: Set includes two pieces, use on No. 1 position. Required with 5M1952 main set.</i>									
<b>2 ENGINE</b>									
	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
82 1342cc (1.3) D13A2		L4	74mm x 78mm	Connecting Rod 20 ft. lbs/27 Nm (D13A2)					
82 1342cc (1.3) EV		L4	74mm x 78mm	Connecting Rod 23 ft. lbs/31 Nm (EV, EV1)					
82 1342cc (1.3) (D13A2)		L4	74mm x 78mm	Main Bearing 36 ft. lbs/49 Nm (D13A2)					
82 1342cc (1.3) (EV1)		L4	74mm x 78mm	Main Bearing 48 ft. lbs/65 Nm (EV, EV1)					
<b>4B1930</b> Std. .25 .50 .75	<b>Rod - for EV &amp; D13A2 engines only.</b>								
	39.980/1.5740 40.000/1.5748	43.000/1.6929 43.025/1.6939	1.504/0.0592		18.50/0.728	F780	8	1930 IH	
<b>4B1931</b> Std. .25 .50	<b>Rod - for EV1 engine only.</b>								
	37.976/1.4951 38.000/1.4961	41.000/1.6142 41.020/1.6150	1.504/0.0592	.004/.0002 .074/.0029	18.50/0.728	F780	8	1931 IH	
<b>5M1932</b> Std. .25 .50 .75 1.0	<b>Main - for EV1 &amp; D13A2 engines only.</b>								
1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.020/1.9299	2.001/0.0788	.018/.0007 .084/.0033	20.00/0.787	F780	10	1932 IH	
<b>5M1952</b> Std. .25 .50 .75	<b>Main - for EV engine only.</b>								
1-5	50.012/1.9690 50.024/1.9694	54.000/2.1260 54.024/2.1269	1.999/0.0787	.025/.0010 .086/.0034	19.94/0.785	F780	10	1952 IH	
<b>1T1952</b> Std. +0.125 +0.25	<b>Thrust</b>								
	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1952T IH	
<i>Note: Set includes two pieces, use on No.1 position. Required with 5M1932 &amp; 5M1952 main sets.</i>									
<b>3 ENGINE</b>									
	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1487cc (1.5) EM1		L4	74mm x 86.5mm	Connecting Rod 18-21 ft.lbs/25-29 Nm					
1487cc (1.5) (ED1)		L4	74mm x 86.5mm	Main Bearing 30-35 ft.lbs/41-48 Nm					
1487cc (1.5) (ED2)		L4	74mm x 86.5mm						
1487cc (1.5) (ED3)		L4	74mm x 86.5mm						
1487cc (1.5) (ED4)		L4	74mm x 86.5mm						
1487cc (1.5) (EM1)		L4	74mm x 86.5mm						
1599cc (1.6) EG (Canada)		L4	74mm x 93mm						
1599cc (1.6) (EF1)		L4	74mm x 93mm						
1606cc (1.6) EL1 (Canada)		L4	77mm x 86mm						
1751cc (1.8) EK1		L4	77mm x 94mm						
1751cc (1.8) (EK1)		L4	77mm x 94mm						
<b>4B1951</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
	41.982/1.6528 41.994/1.6533	45.000/1.7717 45.024/1.7726	1.496/0.0589	.014/.0006 .066/.0026	17.52/0.690	F780	8	1951 IH	
<b>5M1952</b> Std. .25 .50 .75	<b>Main</b>								
1-5	50.012/1.9690 50.024/1.9694	54.000/2.1260 54.024/2.1269	1.999/0.0787	.025/.0010 .086/.0034	19.94/0.785	F780	10	1952 IH	
<i>Note: Crankshaft journals may be re-sized and ground to fit undersize bearings. However, it will be necessary to reharden the journal surfaces before re-assembling the engine. This may be done by nitriding or "Tufftriding" (registered trademark of Kolene Corp.)</i>									
<b>1T1952</b> Std. +0.125 +0.25	<b>Thrust</b>								
	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1952T IH	
<i>Note: Set includes two pieces, use on No.1 position. Required with 5M1952 main set.</i>									
<b>4 ENGINE</b>									
	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1487cc (1.5) EW1/3/4		L4	74mm x 86.5mm	Connecting Rod 19-22 ft.lbs/26-30 Nm					
1487cc (1.5) (EW1)		L4	74mm x 86.5mm	Main Bearing 30-35 ft.lbs/41-48 Nm					
<b>4B1955</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
	41.982/1.6528 41.994/1.6533	44.999/1.7716 45.024/1.7726	1.496/0.0589	.018/.0007 .079/.0031	18.45/0.726	F780	8	1955 IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 4</b>									
<b>Main</b>									
1-5	50.012/1.9690 50.024/1.9694	54.000/2.1260 54.024/2.1269	1.999/0.0787	.025/.0010 .086/.0034	19.94/0.785	F780	10	1952 IH	<b>5M1952</b> Std. .25 .50 .75
<b>Thrust</b>									
	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1952T IH	<b>1T1952</b> Std. +0.125 +0.25
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1952 main sets.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1487cc (1.5) D15A2/A3</b>		<b>L4</b>	<b>74mm x 86.5mm</b>	<b>Connecting Rod 20 ft.lbs/27 Nm</b> (1987-89 engines)					
<b>1487cc (1.5) (D15A2)</b>		<b>L4</b>	<b>74mm x 86.5mm</b>	<b>Connecting Rod 23 ft.lbs/31 Nm</b> (1990-95 engines)					
<b>1493cc (1.5) D15B1</b>		<b>L4</b>	<b>74mm x 86.5mm</b>	<b>Main Bearing 33 ft.lbs/45 Nm</b> (1988-89 engines)					
<b>1493cc (1.5) D15B1/B6</b>		<b>L4</b>	<b>74mm x 86.5mm</b>	<b>Main Bearing 36 ft.lbs/49 Nm</b> (1987 engines)					
<b>1493cc (1.5) (D15B2)</b>		<b>L4</b>	<b>74mm x 86.5mm</b>	<b>Main Bearing 47 ft.lbs/64 Nm</b> (1990-95 engines)					
<b>1493cc (1.5) (D15B6)</b>		<b>L4</b>	<b>74mm x 86.5mm</b>						
<b>1493cc (1.5) (D15B7)</b>		<b>L4</b>	<b>74mm x 86.5mm</b>						
<b>1493cc (1.5) (D15B8)</b>		<b>L4</b>	<b>74mm x 86.5mm</b>						
<b>1493cc (1.5) (D15Z1)</b>		<b>L4</b>	<b>74mm x 86.5mm</b>						

<b>Rod - for all engines except D15B6.</b>									
	41.982/1.6528 41.994/1.6533	44.999/1.7716 45.024/1.7726	1.496/0.0589	.018/.0007 .079/.0031	18.45/0.726	F780	8	1955 IH	<b>4B1955</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.020/1.9299	2.001/0.0788	.018/.0007 .084/.0033	20.00/0.787	F780	10	1932 IH	<b>5M1932</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1952T IH	<b>1T1952</b> Std. +0.125 +0.25
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1932 main sets.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1590cc (1.6) (D16A6)</b>		<b>L4</b>	<b>75mm x 90mm</b>	<b>Connecting Rod 20 ft.lbs/27 Nm</b> (1988-89 engines)					
<b>1590cc (1.6) (D16Y5)</b>		<b>L4</b>	<b>75mm x 90mm</b>	<b>Connecting Rod 23 ft.lbs/31 Nm</b> (1990-95 engines)					
<b>1590cc (1.6) (D16Y7)</b>		<b>L4</b>	<b>75mm x 90mm</b>	<b>Main Bearing 33 ft.lbs/45 Nm</b> (1988-89 engines)					
<b>1590cc (1.6) (D16Y8)</b>		<b>L4</b>	<b>75mm x 90mm</b>	<b>Main Bearing 47 ft.lbs/64 Nm</b> (1990-95 engines)					
<b>1590cc (1.6) (VTEC) (D16Z6)</b>		<b>L4</b>	<b>75mm x 90mm</b>	<b>Connecting Rod 23 ft.lbs/31 Nm</b> D16Y engines					
				<b>Main Bearing 18 ft.lbs</b> D16Y engines - Step 1					
				<b>Main Bearing 38 ft.lbs</b> D16Y engines - Step 2					

<b>Rod</b>									
	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/0.0592	.020/.0008 .038/.0015	18.50/0.728	F780	8	1956 IH	<b>4B1956</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH	<b>5M1957</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1957 main set.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1590cc (1.6) DOHC (VTEC) (B16A2)</b>		<b>L4</b>	<b>81mm x 77.5mm</b>	<b>Connecting Rod 23 ft.lbs</b>					
<b>1590cc (1.6) DOHC (VTEC) (B16A3)</b>		<b>L4</b>	<b>81mm x 77.5mm</b>	<b>Main Bearing 18 ft.lbs</b> Step 1					
<b>1595cc (1.6) DOHC (VTEC) (B16A2)</b>		<b>L4</b>	<b>81mm x 77.5mm</b>	<b>Main Bearing 58 ft.lbs</b> Step 2					

<b>Rod - No oil holes in bearing.</b>									
	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591		19.50/0.768	F780	8	1910 IH	<b>4B1910</b> Std. .25 .50 .75 1.0

# HONDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 7 (Cont'd.)

<b>5M1959</b> Std. .25 .50 .75	<b>Main</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790		20.00/0.787	F780	10	1959 U/L
<b>1T1957</b> Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH

## 8 ENGINE

VIN CYL Bore x Stroke TORQUE SETTINGS

1598cc (1.6) EY	L4	80mm x 79.5mm	Connecting Rod 23 ft.lbs/31 Nm
1829cc (1.8) ES1	L4	80mm x 91mm	Main Bearing 48 ft.lbs/65 Nm (1983-85 engines)
1829cc (1.8) ES3	L4	80mm x 91mm	Main Bearing 49 ft.lbs/67 Nm (1986-89 engines)
1829cc (1.8) ET/ET2	L4	80mm x 91mm	
1829cc (1.8) (A18A1)	L4	80mm x 91mm	
1829cc (1.8) (ES2)	L4	80mm x 91mm	
1829cc (1.8) (ET2)	L4	80mm x 91mm	
1955cc (2.0) A20A1/A20A3	L4	82.7mm x 91mm	
1955cc (2.0) BT1	L4	82.7mm x 91mm	
1955cc (2.0) BT2	L4	82.7mm x 91mm	
1955cc (2.0) (A20A1)	L4	82.7mm x 91mm	
1955cc (2.0) (A20A3)	L4	82.7mm x 91mm	
1955cc (2.0) (BS)	L4	82.7mm x 91mm	
1955cc (2.0) (BT)	L4	82.7mm x 91mm	

<b>4B1460P</b> Std. .25 .50	<b>Rod - for EY engines only.</b>								
		41.973/1.6525 41.998/1.6535	45.001/1.7717 45.021/1.7725	1.503/0.0592	.020/.0008 .038/.0015	17.50/0.689	F780	8	CB1460P
<b>4B1946</b> Std. .25 .50 .75 1.0	<b>Rod - for all engines except EY.</b>								
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/0.0592		19.50/0.768	F780	8	1946 IH
<b>5M1947</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/0.0789		20.00/0.787	F780	10	1947 IH
<b>1T1952</b> Std. +0.125 +0.25	<b>Thrust</b>								
		55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1952T IH

Note: Set includes two pieces, use on No. 4 position. Required with 5M1947 main set.

## 9 ENGINE

VIN CYL Bore x Stroke TORQUE SETTINGS

1668cc (1.7) (D17A1)	L4	75mm x 94.4mm	Connecting Rod 24 ft.lbs/32 Nm
1668cc (1.7) (D17A2)	L4	75mm x 94.4mm	Main Bearing 18 ft.lbs/24 Nm Stage 1
1668cc (1.7) (D17A6)	L4	75mm x 94.4mm	Main Bearing 38 ft.lbs/51 Nm Stage 2
1668cc (1.7) (D17A7)	L4	75mm x 94.4mm	
1700cc (1.7) (D17A1)	L4	75mm x 94.4mm	
1700cc (1.7) (D17A2)	L4	75mm x 94.4mm	
1700cc (1.7) (D17A6)	L4	75mm x 94.4mm	
1700cc (1.7) (D17A7)	L4	75mm x 94.4mm	

<b>4B1980</b> Std. .25 .50	<b>Rod</b>								
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.018/.0007 .042/.0017	15.50/0.610	F780	8	1980 IH
<b>5M1957</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH
<b>1T1957</b> Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH

Note: Set includes two pieces, use on No. 4 position. Required with 5M1957 main set.



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>10</b>
1958cc (2.0) B20A3/B20A5			L4	81mm x 95mm	Connecting Rod 23 ft.lbs/31 Nm (B20A3 engine)					
1958cc (2.0) (B20A5)			L4	81mm x 95mm	Connecting Rod 34 ft.lbs/46 Nm (B20A5 & B21A1 engines)					
2056cc (2.1) (B21A1)			L4	83mm x 95mm	Main Bearings 49 ft.lbs/67Nm					
<b>Rod - for DOHC engines only (B20A5/B21A1).</b>										
	47.955/1.8880	51.003/2.0080	1.504/0.0592	.020/.0008	19.40/0.764	F780	8	1936 IH	<b>4B1936</b> Std. .25 .50 .75 1.0	
	47.976/1.8888	51.024/2.0088		.086/.0034						
<b>Rod - for SOHC engines only (B20A3).</b>										
	44.980/1.7709	48.000/1.8898	1.504/0.0592		19.50/0.768	F780	8	1946 IH	<b>4B1946</b> Std. .25 .50 .75 1.0	
	45.000/1.7717	48.024/1.8907								
<b>Main</b>										
1-5	54.980/2.1646	59.000/2.3228	2.007/0.0790	.005/.0002	20.00/0.787	F780	10	1957 IH	<b>5M1957</b> Std. .25 .50 .75 1.0	
	55.000/2.1654	59.020/2.3236		.072/.0028						
<b>Thrust</b>										
4	61.250/2.4114	81.750/3.2185			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.	
	61.500/2.4213	82.000/3.2283								
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1957 main set.</i>										

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>11</b>
1998cc (2.0) K20A2			L4	86mm x 86mm	Connecting Rod 14 ft.lbs + 90 deg					
2354cc (2.4) (K24A1)			L4	87mm x 99mm	Main Bearings 22 ft.lbs + 56 deg					
2354cc (2.4) (K24A4)			L4	87mm x 99mm						
2354cc (2.4) (K24A8)			L4	87mm x 99mm						
2400cc (2.4) (K24A1)			L4	87mm x 99mm						
2400cc (2.4) (K24A4)			L4	87mm x 99mm						
<b>Rod - Race Series material</b>										
	47.980/1.8890	51.004/2.0080	1.500/0.0591	.020/.0008	15.40/0.606	F781	8	1972H IH	<b>4B1972H</b> Std. .025 .25 .50	
	48.000/1.8898	51.024/2.0088		.055/.0022						
<b>Rod - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.</b>										
	47.980/1.8890	51.004/2.0080	1.487/0.0585	.030/.0012	15.40/0.606	F781	8	1972HX IH	<b>4B1972HX</b> Std.	
	48.000/1.8898	51.024/2.0088		.090/.0035						
<b>Main - Race Series material</b>										
1-5	54.980/2.1646	59.000/2.3228	2.002/0.0788		20.00/0.787	F780	10	1959H U/L	<b>5M1959H</b> Std. .025 .25	
	55.000/2.1654	59.020/2.3236								
<b>Main - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.</b>										
1-5	54.980/2.1646	59.000/2.3228	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L	<b>5M1959HX</b> Std.	
	55.000/2.1654	59.020/2.3236								
<b>Thrust</b>										
4	61.250/2.4114	81.750/3.2185			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.	
	61.500/2.4213	82.000/3.2283								
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1959H main set.</i>										

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>12</b>
1998cc (2.0) (K20A3)			L4	86mm x 86mm	Connecting Rod 14 ft.lbs + 90 deg					
					Main Bearings 22 ft.lbs + 56 deg					
<b>Rod - Race Series material</b>										
	44.976/1.7707	48.000/1.8898	1.502/0.0591	.032/.0013	15.50/0.610	F781	8	1906H IH	<b>4B1906H</b> Std. .025 .25 .50	
	45.000/1.7717	48.024/1.8907		.050/.0020						
<b>Rod - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.</b>										
	44.976/1.7707	48.000/1.8898	1.489/0.0586	.046/.0018	15.50/0.610	F781	8	1906HX IH	<b>4B1906HX</b> Std.	
	45.000/1.7717	48.024/1.8907		.063/.0025						
<b>Main - Race Series material</b>										
1-5	54.980/2.1646	59.000/2.3228	2.002/0.0788		20.00/0.787	F780	10	1959H U/L	<b>5M1959H</b> Std. .025 .25	
	55.000/2.1654	59.020/2.3236								

# HONDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>12 (Cont'd.)</b>									
<b>5M1959HX</b> Std.	<b>Main - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L
<b>1T1957</b> Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1959H main set.</i>									
<b>13 ENGINE</b>									
<b>1997cc (2.0) (F20C1)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>2157cc (2.2) (F22C1)</b>			L4	87mm x 84mm	<b>Connecting Rod 18 ft.lbs + 90 deg</b>				
			L4	87mm x 90.7mm	<b>Main Bearing 16 ft.lbs 8 mm Bolts</b>				
					<b>Main Bearings 22 ft.lbs + 60 deg</b>				
<b>4B1912H</b> Std. .025 .25	<b>Rod - Race Series material</b>								
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/0.0589	.020/.0008 .055/.0022	19.40/0.764	F781	8	1912H IH
<b>4B1912HX</b> Std.	<b>Rod - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.</b>								
		47.980/1.8890 48.000/1.8898	51.044/2.0096 51.024/2.0088	1.483/0.0584	.045/.0018 .081/.0032	19.40/0.764	F781	8	1912HX IH
<b>5M1913H</b> Std. .025 .25	<b>Main - Race Series material</b>								
	1-5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/0.0986	.030/.0012 .054/.0021	20.00/0.787	F780	10	1913H IH
<b>5M1913HX</b> Std.	<b>Main - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.</b>								
	1-5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/0.0986	.030/.0012 .054/.0021	20.00/0.787	F780	10	1913HX IH
<b>14 ENGINE</b>									
<b>2156cc (2.2) (F22A1)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>2156cc (2.2) (F22A4)</b>			L4	85mm x 95mm	<b>Connecting Rod 34 ft.lbs/46 Nm</b>				
<b>2156cc (2.2) (F22A6)</b>			L4	85mm x 95mm	<b>Main Bearing 52 ft.lbs/70 Nm</b>				
<b>2156cc (2.2) (F22B1)</b>			L4	85mm x 95mm					
<b>2156cc (2.2) (F22B2)</b>			L4	85mm x 95mm					
<b>2156cc (2.2) (F22B6)</b>			L4	85mm x 95mm					
<b>2156cc (2.2) (H22A1)</b>			L4	85mm x 95mm					
<b>4B1936</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.955/1.8880 47.976/1.8888	51.003/2.0080 51.024/2.0088	1.504/0.0592	.020/.0008 .086/.0034	19.40/0.764	F780	8	1936 IH
<b>5M1937</b> Std. .25 .50	<b>Main</b>								
	1-5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/0.0789		20.00/0.787	F780	10	1937 IH
<b>1T1937</b> Std.	<b>Thrust</b>								
	4	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1937T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1937 main set.</i>									
<b>15 ENGINE</b>									
<b>2156cc (2.2) (H22A4)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
			L4	85mm x 95mm	<b>Connecting Rod 34 ft.lbs/46 Nm</b>				
					<b>Main Bearing Consult Service Manual</b>				
<b>4B1912</b> Std. .25 .50	<b>Rod</b>								
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/0.0589	.020/.0008 .055/.0022	19.40/0.764	F780	8	1912 IH
<b>5M1957</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 15**
**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.
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*Note: Set includes two pieces. Required with 5M1957 main set.*
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>2234cc (2.3) (F23A7)</b>	<b>L4</b>	<b>86mm x 97mm</b>	<b>Connecting Rod 34 ft.lbs/45 Nm</b>
<b>2254cc (2.3) (F23A1)</b>	<b>L4</b>	<b>86mm x 97mm</b>	<b>Main Bearing 22 ft.lbs/30 Nm Stage 1</b>
<b>2254cc (2.3) (F23A4)</b>	<b>L4</b>	<b>86mm x 97mm</b>	<b>Main Bearing 58 ft.lbs/78 Nm Stage 2</b>
<b>2254cc (2.3) (F23A5)</b>	<b>L4</b>	<b>86mm x 97mm</b>	

**16**
**Rod - Race Series material.**

44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH	<b>4B1906H</b> Std. .025 .25 .50
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**Rod - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.**

44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH	<b>4B1906HX</b> Std.
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**Main**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH	<b>5M1957</b> Std. .25 .50 .75 1.0
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**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.
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*Note: Set includes two pieces, use on No. 4 position. Required with 5M1957 main set.*
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>2259cc (2.3) (H23A1)</b>	<b>L4</b>	<b>87mm x 95mm</b>	<b>Connecting Rod 35 ft.lbs/47 Nm</b>
			<b>Main Bearing 22 ft.lbs/30 Nm Step 1 (tighten from center cap outwards)</b>
			<b>Main Bearing 54 ft.lbs/73 Nm Step 2</b>

**17**
**Rod**

47.955/1.8880 47.976/1.8888	51.003/2.0080 51.024/2.0088	1.504/0.0592	.020/.0008 .086/.0034	19.40/0.764	F780	8	1936 IH	<b>4B1936</b> Std. .25 .50 .75 1.0
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**Main**

1-5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/0.0789		20.00/0.787	F780	10	1937 IH	<b>5M1937</b> Std. .25 .50
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**Thrust**

4	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1937T IH	<b>1T1937</b> Std.
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*Note: Set includes two pieces, use on No. 4 position. Required with 5M1937 main set.*
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>2559cc (2.6) (4ZE1)</b>	<b>L4</b>	<b>92.6mm x 95mm</b>	<b>Connecting Rod 43 ft.lbs/58 Nm</b>
			<b>Main Bearing 72 ft.lbs/98 Nm</b>

**18**
**Rod**

48.927/1.9263 48.940/1.9268	51.985/2.0466 52.005/2.0474	1.510/0.0594	.025/.0010 .084/.0033	22.00/0.866	F780	8	1820 IH	<b>4B1820</b> Std. .25 .50 .75 1.0
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**Main**

1-5	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.008/0.0791	.032/.0013 .091/.0036	21.75/0.856	F780	10	1824 U/L	<b>5M1824</b> Std. .25 .50 .75 1.0
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**Thrust**

3	63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570			2.36/0.093	F817	2	1824T IH	<b>1T1824</b> Std.
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*Note: Set includes two pieces, use on No. 3 position. Required with 5M1824 set.*

# HONDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>19 ENGINE</b>									
<b>2675cc (2.7) (C27A4)</b>		<b>VIN</b>		<b>CYL</b>		<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>	
		<b>V6</b>		<b>87mm x 75mm</b>		<b>Connecting Rod 33 ft. lbs/45 Nm</b> <b>Main Bearing 29 ft.lbs/39 Nm (11mm bolts)</b> <b>Main Bearing 33 ft.lbs (Bridge bolts)</b> <b>Main Bearing 36 ft.lbs (Side bolts)</b>			
<b>6B1935</b> Std. .25 .50 .75									
<b>Rod</b>									
		51.981/2.0465	55.000/2.1654	1.504/0.0592	.005/.0002	17.50/0.689	F780	12	1935 IH
		51.999/2.0472	55.025/2.1663		.072/.0028				
<b>4M1933</b> Std. .25 .50 .75									
<b>Main - for engines with 2.7165" max housing bore.</b>									
1,2,3,4		63.974/2.5187	68.986/2.7160	2.505/0.0986		20.00/0.787	F870	8	1933 U/L
		64.000/2.5197	69.000/2.7165						
<b>1T1934</b> Std.									
<b>Thrust</b>									
		75.250/2.9626	93.750/3.6909			2.50/0.098	F817	2	1934T IH
		75.500/2.9724	94.000/3.7008						
<i>Note: Set includes two pieces, use on No. 3 position. Required with 4M1933 main set.</i>									
<b>20 ENGINE</b>									
<b>3165cc (3.2) (6VD1)</b>		<b>VIN</b>		<b>CYL</b>		<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>	
		<b>V6</b>		<b>93.4mm x 77mm</b>		<b>Connecting Rod 40 ft. lbs/54 Nm</b> <b>Main Bearing 29 ft.lbs/39 Nm</b>			
<b>6B1840</b> Std. .25 .50 .75 1.0									
<b>Rod</b>									
		53.922/2.1229	56.982/2.2434	1.513/0.0596	.019/.0007	17.12/0.674	F780	12	1840 IH
		53.937/2.1235	57.000/2.2441		.078/.0031				
<b>4M1842</b> Std. .25 .50 .75 1.0									
<b>Main</b>									
1,4		63.919/2.5165	68.979/2.7157	2.527/0.0995	.025/.0010	18.50/0.728	F780	4	1842 IH
		63.932/2.5170	68.999/2.7165		.084/.0033				
2,3		63.919/2.5165	68.979/2.7157	2.527/0.0995	.025/.0010	16.50/0.650	F780	4	1843 U/L
		63.932/2.5170	68.999/2.7165		.084/.0033				
<b>1T1842</b> Std.									
<b>Thrust</b>									
		71.000/2.7953	97.550/3.8405			1.95/0.077	F817	2	1842T IH
		71.250/2.8051	97.800/3.8504						
<i>Note: Set includes two pieces. Required with 4M1842 main set.</i>									

## HONDA PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1590cc (1.6).....	(D16A6)		L4	88-91	1	1997cc (2.0).....	(F20C1)		L4	00-04	6
1590cc (1.6).....	(D16Y5/7/8)		L4	96-00	1	1998cc (2.0).....	VTEC (K20A2)		L4		4
1590cc (1.6).....	VTEC (D16Z6)		L4	92-95	1	1998cc (2.0).....	IVTEC (K20A3)		L4	02-05	5
1678cc (1.7).....	(B17A1)		L4		2	2156cc (2.2).....	(H22A4)		L4	97-01	7
1797cc (1.8).....	VTEC (B18C1)		L4		3	2157cc (2.2).....	(F22C1)		L4	05-05	6
1797cc (1.8).....	VTEC (B18C5)		L4		3	2234cc (2.3).....	(F23A)		L4	98-02	8
1834cc (1.8).....	(B18A1)		L4		2	2354cc (2.4).....	VTEC (K24A)		L4	03-06	4
1834cc (1.8).....	(B18B1)		L4		2						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1590cc (1.6) (D16A6)		L4	75mm x 90mm	Connecting Rod 20 ft.lbs/27 Nm (1988-89 engines)	
1590cc (1.6) (D16Y5/7/8)		L4	75mm x 90mm	Connecting Rod 23 ft.lbs/31 Nm (1990-95 engines)	
1590cc (1.6) VTEC (D16Z6)		L4	75mm x 90mm	Main Bearing 33 ft.lbs/45 Nm (1988-89 engines)	
				Main Bearing 47 ft.lbs/64 Nm (1990-95 engines)	
				Connecting Rod 23 ft.lbs/31 Nm D16Y engines	
				Main Bearing 18 ft.lbs D16Y engines - Step 1	
				Main Bearing 38 ft.lbs D16Y engines - Step 2	

### Rod - Race Series.

44.980/1.7709	48.000/1.8898	1.499/0.0590	.020/.0008	18.50/0.728	F781	8	1956H	4B1956H
45.000/1.7717	48.020/1.8905		.038/.0015				IH	Std. .025 .25

### Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

44.980/1.7709	48.000/1.8898	1.486/0.0585	.045/.0018	18.50/0.728	F781	8	1956HX	4B1956HX
45.000/1.7717	48.020/1.8905		.063/.0025				IH	Std.

### Main - Race Series.

1-5	54.980/2.1646	59.000/2.3228	2.002/0.0788	.005/.0002	20.00/0.787	F780	10	1957H	5M1957H
	55.000/2.1654	59.020/2.3236		.072/.0028				IH	Std. .025 .25

### Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

1-5	54.980/2.1646	59.000/2.3228	1.989/0.0783	.030/.0012	20.00/0.787	F780	10	1957HX	5M1957HX
	55.000/2.1654	59.020/2.3236		.097/.0038				IH	Std.

### Thrust

4	61.250/2.4114	81.750/3.2185			2.50/0.098	F817	2	1957T	1T1957
	61.500/2.4213	82.000/3.2283						IH	Std.

Note: Set includes two pieces, use on No. 4 position. Required with 5M1957H/HX main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
1678cc (1.7) (B17A1)		L4	81mm x 81mm	Connecting Rod 14 ft.lbs/20 Nm Stage 1 (B17A1 eng. only)	
1834cc (1.8) (B18A1)		L4	81mm x 89mm	Connecting Rod 23 ft.lbs/32 Nm Stage 2 (B17A1 eng. only)	
1834cc (1.8) (B18B1)		L4	81mm x 89mm	Main Bearing 56 ft.lbs/76 Nm (B17A1 eng. only)	
				Connecting Rod 30 ft.lbs/41Nm (B18A1 engines only)	
				Main Bearing 56 ft.lbs/76 Nm (B18A1 engines only)	
				Connecting Rod 15 ft.lbs/20 Nm Stage 1 (B18B1 eng. only)	
				Connecting Rod 24 ft.lbs/33 Nm Stage 2 (B18B1 eng. only)	
				Main Bearing 22 ft.lbs/30 Nm Stage 1 (B18B1 eng. only)	
				Main Bearing 58 ft.lbs/79 Nm Stage 2 (B18B1 eng. only)	

### Rod - Race Series.

44.980/1.7709	48.000/1.8898	1.504/0.0592		19.50/0.768	F781	8	1946H	4B1946H
45.000/1.7717	48.024/1.8907						IH	Std. .025 .25

### Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

44.980/1.7709	48.000/1.8898	1.491/0.0587		19.50/0.768	F781	8	1946HX	4B1946HX
45.000/1.7717	48.024/1.8907						IH	Std.

### Main - Race Series.

1-5	54.980/2.1646	59.000/2.3228	2.002/0.0788		20.00/0.787	F780	10	1959H	5M1959H
	55.000/2.1654	59.020/2.3236						U/L	Std. .025 .25

### Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

1-5	54.980/2.1646	59.000/2.3228	1.989/0.0783		20.00/0.787	F780	10	1959HX	5M1959HX
	55.000/2.1654	59.020/2.3236						U/L	Std.

# HONDA PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 2 (Cont'd.)

Thrust									
1T1957 Std.	4	61.250/2.4114	81.750/3.2185			2.50/0.098	F817	2	1957T
		61.500/2.4213	82.000/3.2283						IH

*Note: Set includes two pieces, use on No. 4 position. Required with 5M1959H/HX main set.*

## 3 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1797cc (1.8) VTEC (B18C1)		L4	81mm x 87.2mm	Connecting Rod 15 ft.lbs/20 Nm Stage 1					
1797cc (1.8) VTEC (B18C5)		L4	81mm x 87.2mm	Connecting Rod 33 ft.lbs/45 Nm Stage 2					
				Main Bearing 22 ft.lbs/30 Nm Stage 1 (All bolts)					
				Main Bearing 49 ft.lbs/66 Nm Stage 2 (Bolts #2, 3 & 4)					
				Main Bearing 56 ft.lbs/76 Nm Stage 2 (Bolts #1 & 5)					

4B1925H Std. .025 .25	<b>Rod - Race Series.</b>								
		44.976/1.7707 45.000/1.7717	48.000/1.8898 (nominal)	1.502/0.0591	.032/.0013 .050/.0020	17.50/0.689	F781	8	1925H IH
4B1925HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
		44.976/1.7707 45.000/1.7717	48.000/1.8898 (nominal)	1.489/0.0586	.057/.0022 .075/.0030	17.50/0.689	F781	8	1925HX IH
5M1959H Std. .025 .25	<b>Main - Race Series.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L
5M1959HX Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L
1T1957 Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH

*Note: Set includes two pieces, use on No. 4 position. Required with 5M1959H/HX main set.*

## 4 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1998cc (2.0) VTEC (K20A2)		L4	86mm x 86mm	Connecting Rod					
2354cc (2.4) VTEC (K24A)		L4	87mm x 99mm	Main Bearing 22 ft.lbs/30 Nm + 56 deg					

4B1972H Std. .025 .25 .50	<b>Rod - Race Series.</b>								
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/0.0591	.020/.0008 .055/.0022	15.40/0.606	F781	8	1972H IH
4B1972HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.487/0.0585	.030/.0012 .090/.0035	15.40/0.606	F781	8	1972HX IH
5M1959H Std. .025 .25	<b>Main - Race Series.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L
5M1959HX Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L
1T1957 Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH

*Set includes two pieces. Required with 5M1959H/HX main set.*

## 5 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1998cc (2.0) IVTEC (K20A3)		L4	86mm x 86mm	Connecting Rod 14 ft.lbs + 90 deg					

4B1906H Std. .025 .25 .50	<b>Rod - Race Series.</b>								
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH
4B1906HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **5**

**Main - Race Series.**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788		20.00/0.787	F780	10	1959H U/L	<b>5M1959H</b> Std. .025 .25
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**Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783		20.00/0.787	F780	10	1959HX U/L	<b>5M1959HX</b> Std.
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**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.
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Set includes two pieces. Required with 5M1959H/HX main set.

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>1997cc (2.0) (F20C1)</b>		<b>L4</b>	<b>87mm x 84mm</b>	<b>Connecting Rod 18 ft.lbs + 90 deg</b>
<b>2157cc (2.2) (F22C1)</b>		<b>L4</b>	<b>87mm x 90.7mm</b>	<b>Main Bearing 16 ft.lbs 8 mm Bolts</b>
				<b>Main Bearings 22 ft.lbs + 60 deg</b>

**Rod - Race Series.**

	47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/0.0589	.020/.0008 .055/.0022	19.40/0.764	F781	8	1912H IH	<b>4B1912H</b> Std. .025 .25
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**Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	47.980/1.8890 48.000/1.8898	51.044/2.0096 51.024/2.0088	1.483/0.0584	.045/.0018 .081/.0032	19.40/0.764	F781	8	1912HX IH	<b>4B1912HX</b> Std.
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**Main - Race Series.**

1-5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/0.0986	.030/.0012 .054/.0021	20.00/0.787	F780	10	1913H IH	<b>5M1913H</b> Std. .025 .25
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**Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1-5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/0.0986	.030/.0012 .054/.0021	20.00/0.787	F780	10	1913HX IH	<b>5M1913HX</b> Std.
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**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>2156cc (2.2) (H22A4)</b>		<b>L4</b>	<b>85mm x 95mm</b>	<b>Connecting Rod 34 ft.lbs/46 Nm</b>
				<b>Main Bearing Consult Service Manual</b>

**Rod - Race Series.**

	47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/0.0589	.020/.0008 .055/.0022	19.40/0.764	F781	8	1912H IH	<b>4B1912H</b> Std. .025 .25
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**Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	47.980/1.8890 48.000/1.8898	51.044/2.0096 51.024/2.0088	1.483/0.0584	.045/.0018 .081/.0032	19.40/0.764	F781	8	1912HX IH	<b>4B1912HX</b> Std.
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**Main - Race Series.**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957H IH	<b>5M1957H</b> Std. .025 .25
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**Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783	.030/.0012 .097/.0038	20.00/0.787	F780	10	1957HX IH	<b>5M1957HX</b> Std.
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**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.
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Set includes two pieces. Required with 5M1957H/HX main set.

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>2234cc (2.3) (F23A)</b>		<b>L4</b>	<b>86mm x 97mm</b>	<b>Connecting Rod 34 ft.lbs/45 Nm</b>
				<b>Main Bearing 22 ft.lbs/30 Nm Stage 1</b>
				<b>Main Bearing 58 ft.lbs/78 Nm Stage 2</b>

**Rod - Race Series.**

	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH	<b>4B1906H</b> Std. .025 .25 .50
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# HONDA PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>8 (Cont'd.)</b>									
<b>4B1906HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH
<b>5M1957H</b> Std. .025 .25	<b>Main - Race Series.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/0.0788	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957H IH
<b>5M1957HX</b> Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/0.0783	.030/.0012 .097/.0038	20.00/0.787	F780	10	1957HX IH
<b>1T1957</b> Std.	<b>Thrust</b>								
	4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1957H/HX main set.</i>									



## HUMMER ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
211 3460cc (3.5)...		6	L5	06-06	1	395 (6.5) .....	Turbo,Diesel	Z	V8	02-04	3
364 (6.0) .....		U	V8	03-06	2						

## HUMMER MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
H1 - 4 PASSENGER HARD DOOR OPEN TOP	395		6.5		02-04	H3	211	3460	3.5		06
H2	364		6.0		03-06						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						1
<b>211 3460cc (3.5)</b>	<b>6</b>	<b>L5</b>	<b>93.0mm x 101.6mm</b>							
<b>Rod</b>										
56.694/2.2320 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.802/0.0709	.011/.0004 .059/.0023	20.75/0.817	F810	10	2290A IH	<b>5B2290A</b> Std. .25 .50 .75		
<b>Rod - .002" oversize OD version of 5B2290A.</b>										
56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ 0.25mm u/size)	.011/.0004 .059/.0023	20.75/0.817	F810	10	9102A IH	<b>5B2290AO/S2</b> .25 .50 .75 1.0		

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						2
<b>364 (6.0)</b>	<b>U</b>	<b>V8</b>	<b>101.6mm x 92mm</b>	<b>Connecting Rod 15 ft.lbs/20 Nm + 60 deg.</b> <b>Main Bearing Consult service manual</b>						
<b>Rod - High Strength Aluminum Silicon material.</b>										
53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	16	2376A	<b>8B663A</b> Std. 01 10 20 30 40		
<b>Rod - .002" oversize OD version of 8B663A.</b>										
53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH	<b>8B663AO/S2</b> 10 20 30 40		
<b>Rod</b>										
53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH	<b>8B663P</b> Std. 01 10 20 30 40 50 60		
<b>Rod - .002" oversize OD version of 8B663P.</b>										
53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH	<b>8B663PO/S2</b> 10 20 30 40		
<b>Main - High Strength Aluminum Silicon material.</b>										
1,2,4,5 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.006/.0002 .046/.0018	20.45/0.805	F810	8	7298A U/L	<b>5M7298A</b> Std. 10 20 30 40		
3 (FI) 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.002/.0001 .046/.0018	26.10/1.028	F810	2	7299A U/L			
<b>Cam - 1997-2003 with 1st design # 1 &amp; 5 housing size of 2.3260"-2.3280".</b>										
1,5 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1	<b>5C1000S</b> Std.		
2,4 55.042/2.1670	58.829/2.3161 58.879/2.3181	1.880/0.0740		16.00/0.630	F23	2	CH-10-2			
3 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3			
<b>Cam - 2003 on with 2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</b>										
1,5 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/0.0890		16.00/0.630	F23	2	CH-23-1	<b>5C1001S</b> Std.		
2,4 54.042/2.1276	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1			
3 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3			

# HUMMER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 ENGINE</b> <b>395 (6.5) Turbo Diesel</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
			<b>Z</b>	<b>V8</b>	<b>4.06 x 3.82</b>	<b>Connecting Rod 48 ft. lbs</b> <b>Main Bearing 100 ft.lbs</b> (outer bolt - 6.2 diesel engine only) <b>Main Bearing 110 ft.lbs</b> (inner bolt) <b>Main Bearing 111 ft.lbs</b> (outer bolt - 6.5 diesel engine only)			
<b>8B1286P</b> Std. .025 .25 .50 .75	<b>Rod</b>								
		60.914/2.3982 60.940/2.3992	64.125/2.5246 64.150/2.5256	1.570/0.0618	.048/.0019 .120/.0047	22.91/0.902	F780	16	1292 IH
<b>5M2091P</b> Std. .025 .25 .50 .75 1.0	<b>Main - For all 6.2L &amp; 6.5L engines.</b>								
	1,2,4	74.917/2.9495 74.940/2.9504	79.825/3.1427 79.850/3.1437	2.425/0.0955	.040/.0016 .114/.0045	22.78/0.897	F780	6	2087 U/L
	3 (FI)	74.917/2.9495 74.940/2.9504	79.825/3.1427 79.850/3.1437	2.425/0.0955	.040/.0016 .114/.0045	28.70/1.130	F780	2	2089 U/L
	5	74.912/2.9493 74.937/2.9503	79.825/3.1427 79.850/3.1437	2.425/0.0955	.045/.0018 .119/.0047	35.33/1.391	F780	2	2088 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5C1199S</b> Std.	<b>Cam</b>								
	1	54.976/2.1644 55.024/2.1663	59.106/2.3270 59.157/2.3290	2.030/0.0798		22.86/0.900	F23	1	GM-7-1
	2	54.976/2.1644 55.024/2.1663	58.877/2.3180 58.928/2.3200	1.910/0.0753		19.81/0.780	F23	1	GM-7-2
	3	54.976/2.1644 55.024/2.1663	58.623/2.3080 58.674/2.3100	1.790/0.0703		19.81/0.780	F23	1	GM-7-3
	4	54.976/2.1644 55.024/2.1663	58.369/2.2980 58.420/2.3000	1.660/0.0653		19.81/0.780	F23	1	GM-7-4
	5	50.975/2.0069 51.026/2.0089	54.381/2.1410 54.432/2.1430	1.660/0.0655		19.81/0.780	F23	1	GM-7-5
<b>RB3864Y20</b> Semi	<b>Small End - semi-finished - .020" bore stock allowance.</b>								
		31.026/1.2215 (Finished ID Size)	33.139/1.3047 (Nominal)			25.40/1.000	F100	1	3864Y20

## HYUNDAI ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
85 1393cc (1.4).....	Mits 4G33	E	L4	83-87	1	1836cc (1.8).....	G4CN	M	L4	93-95	4
1468cc (1.5).....	4G15/G4DJ	J	L4	90-94	2	1975cc (2.0).....	G4GC		L4	01-05	6
1468cc (1.5).....	G15B/G4AJ	J	L4	86-89	2	1975cc (2.0).....	G4GF		L4	97-00	6
1468cc (1.5).....	G15B/G4AJ	K	L4	86-86	2	1997cc (2.0).....	G4CP	F	L4	92-97	7
1495cc (1.5).....	G4EK	N	L4	93-97	3	1997cc (2.0).....	(G4CP)	F	L4	98-01	7
1495cc (1.5).....	G4EK, Turbo	N	L4	93-95	3	2351cc (2.4).....	G4JS		L4	01-05	9
1495cc (1.5).....	(G4EK)	N	L4	98-02	3	2351cc (2.4).....	G4CS	S	L4	89-91	8
1495cc (1.5).....	DOHC (G4FK)		L4	96-98	3	2351cc (2.4).....	G4JS	S	L4	99-03	9
1596cc (1.6).....	Mits G32B	K	L4	84-87	5	2493cc (2.5).....	G6BV	V	V6	99-01	10
1596cc (1.6).....	G4CR	R	L4	92-95	4	2656cc (2.7).....	G6BA		V6	01-05	10
1600cc (1.6).....	G4ED	C	L4	02-05	3	2972cc (3.0).....	G6AT	T	V6	90-97	11
1600cc (1.6).....	G4ED	N	L4	01-01	3	2972cc (3.0).....	(G6AT)	T	V6	98-98	11
1795cc (1.8).....	G4GM	M	L4	96-98	6	3500cc (3.5).....	G6CU		V6	02-05	12

## HYUNDAI MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
ACCENT	1495	1.5			98-02	SCOUPE	1468	1.5	4G15/G4DJ		91-92	
	1495	1.5	G4EK		95-96		1495	1.5	G4EK		93-95	
	1600	1.6	G4ED		01-04		1468	1.5	4G15/G4DJ		91-92	
ACCENT - GL	1495	1.5	G4EK		95-97	SCOUPE - LS	1495	1.5	G4EK		94-95	
ACCENT - GLS	1600	1.6	G4ED		05	SONATA	1997	2.0			98	
ACCENT - GS	1495	1.5	G4EK		97		1997	2.0	G4CP		92-97	
ACCENT - GT	1495	1.5	G4EK		96-97		2351	2.4	G4CS		89-91	
ACCENT - L	1600	1.6	G4ED		05	2351	2.4	G4JS		99-04		
	1495	1.5	G4EK		95-97	2493	2.5	G6BV		99-01		
	1596	1.6	G4CR		92-95	2656	2.7	G6BA		02-04		
ELANTRA	1795	1.8	G4GM		96-97	2972	3.0			98		
	1836	1.8	G4CN		93-95	2972	3.0	G6AT		90-94		
	1596	1.6	G4CR		92-95	2351	2.4	G4CS		89		
ELANTRA - GL	1836	1.8	G4CN		93-95	SONATA - DELUXE	1997	2.0	G4CP		92-97	
ELANTRA - GLS	1596	1.6	G4CR		92	SONATA - GL	2351	2.4	G4CS		89-91	
	1795	1.8	G4GM		96-97	1997	2.0	G4CP		92-97		
	1836	1.8	G4CN		93-95	2351	2.4	G4CS		89-91		
	1975	2.0	G4GC		04-05	2351	2.4	G4JS		05		
	1975	2.0	G4GC		04-05	2656	2.7	G6BA		05		
ELANTRA - GT	1975	2.0	G4GC		04-05	SONATA - GLS	2972	3.0	G6AT		90-97	
EXCEL	1468	1.5	4G15/G4DJ		91-94	1997	2.0	G4CP		92-94		
EXCEL - CX	1468	1.5	4G15/G4DJ		93-94	2351	2.4	G4CS		89-91		
EXCEL - CXL	1468	1.5	4G15/G4DJ		92-94	2656	2.7	G6BA		02-05		
EXCEL - GL	1468	1.5	4G15/G4DJ		90-94	2972	3.0	G6AT		90-97		
EXCEL - GLS	1468	1.5	G15B/G4AJ		86-89	2656	2.7	G6BA		05		
	1468	1.5	4G15/G4DJ		90-91	SONATA - LX						
	1468	1.5	G15B/G4AJ		86-89	SONATA - SPORT						
EXCEL - GS	1468	1.5	4G15/G4DJ		92-94	DELUXE	2351	2.4	G4CS		89	
	1468	1.5	4G15/G4DJ		90-92	STELLAR - GSL						
	1468	1.5	G15B/G4AJ		86-89	SUPER	1468	1.5	G15B/G4AJ		86	
EXCEL - L	1468	1.5	4G15/G4DJ		90-92	1596	1.6	Mits G32B		85		
PONY	1468	1.5	G15B/G4AJ		86-89	STELLAR - SL						
	85	1393	1.4	Mits 4G33		DELUXE	1468	1.5	G15B/G4AJ		86	
	1596	1.6	Mits G32B		84	1596	1.6	Mits G32B		85		
PONY - GL DELUXE	85	1393	1.4	Mits 4G33		83-85	TIBURON	1795	1.8	G4GM		97
	1596	1.6	Mits G32B		87	1975	2.0	G4GC		03-04		
	1393	1.4	Mits 4G33		83	1997	2.0			98-01		
PONY - GLS GLORY	85	1393	1.4	Mits 4G33		86	TIBURON - FX	1997	2.0		98	
	1468	1.5	G15B/G4AJ		85	TIBURON - GS	1975	2.0	G4GC		05	
	1596	1.6	Mits G32B		85	TIBURON - GT	2656	2.7	G6BA		03-05	
PONY - L	85	1393	1.4	Mits 4G33		83-87	TIBURON - SE	2656	2.7	G6BA		05
	1468	1.5	G15B/G4AJ		86	TUCSON - GL	1975	2.0	G4GC		05	
	2351	2.4	G4JS		01-04	TUCSON - GLS	2656	2.7	G6BA		05	
SANTA FE	2656	2.7	G6BA		01-05	TUCSON - LX	2656	2.7	G6BA		05	
	3500	3.5	G6CU		03-05	XG350	3500	3.5	G6CU		02-05	
						XG350 - L	3500	3.5	G6CU		02-04	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>					<b>TORQUE SETTINGS</b>				
<b>85 1393cc (1.4) Mits 4G33</b>					<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b>				
<b>85 1393cc (1.4) Mits 4G33</b>					<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b>				
<b>Rod</b>									<b>4B1146</b>
	44.991/1.7713	48.000/1.8898	1.494/0.0588	.012/.0005	23.50/0.925	F810	8	1146A	Std. .25 .50 .75 1.0
	45.000/1.7717	48.020/1.8905		.067/.0026				IH	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>5M1147</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<b>2 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1468cc (1.5) 4G15/G4DJ</b>		<b>J</b>	<b>L4</b>	<b>76mm x 82mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b>				
<b>1468cc (1.5) G15B/G4AJ</b>		<b>J</b>	<b>L4</b>	<b>76mm x 82mm</b>	<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b>				
<b>1468cc (1.5) G15B/G4AJ</b>		<b>K</b>	<b>L4</b>	<b>76mm x 82mm</b>					
<b>4B1130</b> Std. .25 .50 .75 1.0	<b>Rod - for engines from 1989-94.</b>								
		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .079/.0031	15.60/0.614	F810	8	1130A IH
<b>4B1736</b> Std. .25 .50 .75 1.0	<b>Rod - for engines from 1986 - 88 only.</b>								
		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .071/.0028	17.63/0.694	F820	8	1736AL IH
<b>5M1124</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	19.13/0.753	F810	8	1124A U/L
	3(FI)	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	23.95/0.943	F810	2	1125A IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>3 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1495cc (1.5) G4EK</b>		<b>N</b>	<b>L4</b>	<b>75.5mm x 83.5mm</b>	<b>Connecting Rod 26-28 ft.lbs/35-38 Nm (Tighten evenly in two or three steps)</b>				
<b>1495cc (1.5) G4EK Turbo</b>		<b>N</b>	<b>L4</b>	<b>75.5mm x 83.5mm</b>	<b>Main Bearing 41-44 ft.lbs/55-60 Nm</b>				
<b>1495cc (1.5) (G4EK)</b>		<b>N</b>	<b>L4</b>	<b>75.5mm x 83.5mm</b>					
<b>1495cc (1.5) DOHC (G4FK)</b>		<b>L4</b>	<b>L4</b>	<b>75.5mm x 83.5mm</b>					
<b>1600cc (1.6) G4ED</b>		<b>C</b>	<b>L4</b>	<b>75.5mm x 83.5mm</b>					
<b>1600cc (1.6) G4ED</b>		<b>N</b>	<b>L4</b>	<b>75.5mm x 83.5mm</b>					
<b>4B1201</b> Std. .25 .50 .75	<b>Rod</b>								
		44.975/1.7707 44.990/1.7713	48.000/1.8898 48.020/1.8905	1.495/0.0589	.020/.0008 .071/.0028	19.12/0.753	F780	8	1201 IH
<b>5M1202</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	49.977/1.9676 49.992/1.9682	54.000/2.1260 54.020/2.1268	1.994/0.0785	.020/.0008 .071/.0028	18.13/0.714	F780	8	1202 U/L
	3 (FI)	49.977/1.9676 49.992/1.9682	54.000/2.1260 54.020/2.1268	1.994/0.0785	.020/.0008 .071/.0028	22.92/0.902	F780	2	1203 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1596cc (1.6) G4CR</b>		<b>R</b>	<b>L4</b>	<b>82.3mm x 75mm</b>	<b>Connecting Rod 37-39 ft.lbs/50-53 Nm (Tighten evenly in two or three steps)</b>				
<b>1836cc (1.8) G4CN</b>		<b>M</b>	<b>L4</b>	<b>81.5mm x 88mm</b>	<b>Main Bearing 48-52 ft.lbs/65-70 Nm</b>				
<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
<b>5M1153</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1153A L
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1154A IH
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>5</b>
<b>1596cc (1.6) Mits G32B</b>			<b>VIN K</b>	<b>CYL L4</b>	<b>Bore x Stroke 76.9mm x 86mm</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b>			
						<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b>			

<b>Rod</b>									
	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	<b>4B1146</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	<b>5M1144</b> Std. .25 .50 .75 1.0
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	
<b>Balance Shaft</b>									
RHF	38.974/1.5344 (Max.)	42.024/1.6545 (Max.)	1.506/0.0593	.020/.0008 .076/.0030	19.25/0.758	F830	1	SH1465	<b>3BS8385</b> Std.
RHR, LHR	35.977/1.4164 (Max.)	39.025/1.5364 (Max.)	1.496/0.0589	.043/.0017 .099/.0039	16.00/0.630	F830	2	SH1466	
<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).</b>									
1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L	<b>5SC761</b> Std.
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U	
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L	

<b>ENGINE</b>									<b>6</b>
<b>1795cc (1.8) G4GM</b>			<b>VIN M</b>	<b>CYL L4</b>	<b>Bore x Stroke 82mm x 85mm</b>	<b>TORQUE SETTINGS</b>			
<b>1975cc (2.0) G4GC</b>				<b>L4</b>	<b>82mm x 93.5mm</b>	<b>Connecting Rod 37-39 ft.lbs/50-53 Nm (Tighten evenly in two or three steps)</b>			
<b>1975cc (2.0) G4GF</b>				<b>L4</b>	<b>82mm x 93.5mm</b>	<b>Main Bearing 20-24 ft.lbs/27-33 Nm + 60 deg turn</b>			

<b>Rod</b>									
	44.975/1.7707 44.990/1.7713	48.003/1.8899 48.016/1.8904	1.498/0.0590	.017/.0007 .061/.0024	21.00/0.827	F780	8	1206 IH	<b>4B1206</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,2,4,5	56.977/2.2432 56.992/2.2438	61.000/2.4016 61.020/2.4024	1.994/0.0785	.020/.0008 .071/.0028	21.00/0.827	F780	8	1204 U/L	<b>5M1204</b> Std. .25 .50
3	56.977/2.2432 56.992/2.2438	61.000/2.4016 61.020/2.4024	1.994/0.0785	.020/.0008 .071/.0028	21.00/0.827	F780	2	1205 IH	
<b>Thrust</b>									
	63.000/2.4803 63.250/2.4902	84.500/3.3268 84.750/3.3366			2.47/0.097	F817	2	1204T IH	<b>1T1204</b> Std.
<i>Set includes 2 pieces. Required with 5M1204 main set.</i>									

<b>ENGINE</b>									<b>7</b>
<b>1997cc (2.0) G4CP</b>			<b>VIN F</b>	<b>CYL L4</b>	<b>Bore x Stroke 85mm x 88mm</b>	<b>TORQUE SETTINGS</b>			
<b>1997cc (2.0) (G4CP)</b>				<b>L4</b>	<b>85mm x 88mm</b>	<b>Connecting Rod 36-38 ft.lbs/49-52 Nm</b>			
						<b>Main Bearing 47-51 ft.lbs/64-70 Nm</b>			

<b>Rod</b>									
	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH	<b>4B1185</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L	<b>5M1186</b> Std. .25 .50 .75 1.0
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	25.40/1.000	F810	2	1187A IH	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 7 (Cont'd.)

<b>5M1213</b> .25 .50 .75 1.0	<b>Main - Alt set to 5M1186 with +0.010" overflange length increase for undersizes. * See below for dimensional information.</b>								
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
	3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	25.65/1.010	F810	2	1213A IH
	<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M1213</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				0.25 mm u/s shaft		1.010"/25.65mm			
				0.50 mm u/s shaft		+0.010"/0.25mm			
				0.75 mm u/s shaft		1.010"/25.65mm			
				1.00 mm u/s shaft		+0.010"/0.25mm			
<b>3BS8389</b> Std. .25 .50	<b>Balance Shaft</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
	RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

## 8 ENGINE

2351cc (2.4) G4CS

VIN S

CYL L4

Bore x Stroke

86.5mm x 100mm

TORQUE SETTINGS

Connecting Rod 23-25 ft.lbs/31-34 Nm  
Main Bearing 36-40 ft.lbs/49-54 Nm

<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
<b>5M1153</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1153A L
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1154A IH
<b>3BS8389</b> Std. .25 .50	<b>Balance Shaft</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
	RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

## 9 ENGINE

2351cc (2.4) G4JS

2351cc (2.4) G4JS

VIN S

CYL L4

Bore x Stroke

86.5mm x 100mm

TORQUE SETTINGS

Connecting Rod 13-16 ft.lbs + 90 deg  
Main Bearing 18 ft.lbs + 90 deg

<b>4B1185</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH
<b>5M1219</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	10	1186A U/L
<b>1T1219</b> Std.	<b>Thrust</b>								
		63.100/2.4842 63.350/2.4941 (I.D.)	80.500/3.1693 80.750/3.1791 (O.D.)			2.11/0.083	F250	2	1219T IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available																																	
<table border="0" style="width:100%"> <tr> <td style="width:30%"><b>ENGINE</b></td> <td style="width:10%"><b>VIN</b></td> <td style="width:10%"><b>CYL</b></td> <td style="width:15%"><b>Bore x Stroke</b></td> <td colspan="6" style="text-align:right"><b>TORQUE SETTINGS</b></td> <td style="text-align:right"><b>10</b></td> </tr> <tr> <td>2493cc (2.5) G6BV</td> <td>V</td> <td>V6</td> <td>84mm x 75mm</td> <td colspan="6" style="text-align:right"> <b>Connecting Rod 11-14 ft.lbs + 90 deg</b>  <b>Main Bearing 10-12 ft.lbs M10 (2.7L engines)</b>  <b>Main Bearing 10-13 ft.lbs + 90 deg M8 (2.5L engines)</b>  <b>Main Bearing 20-24 ft.lbs + 90 deg M10 (2.5L engines)</b>  <b>Main Bearing 7-9 ft.lbs M7 (2.7L engines)</b> </td> <td></td> </tr> <tr> <td>2656cc (2.7) G6BA</td> <td></td> <td>V6</td> <td>86.7mm x 75mm</td> <td colspan="6"></td> <td></td> </tr> </table>										<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>						<b>10</b>	2493cc (2.5) G6BV	V	V6	84mm x 75mm	<b>Connecting Rod 11-14 ft.lbs + 90 deg</b> <b>Main Bearing 10-12 ft.lbs M10 (2.7L engines)</b> <b>Main Bearing 10-13 ft.lbs + 90 deg M8 (2.5L engines)</b> <b>Main Bearing 20-24 ft.lbs + 90 deg M10 (2.5L engines)</b> <b>Main Bearing 7-9 ft.lbs M7 (2.7L engines)</b>							2656cc (2.7) G6BA		V6	86.7mm x 75mm							
<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>						<b>10</b>																																
2493cc (2.5) G6BV	V	V6	84mm x 75mm	<b>Connecting Rod 11-14 ft.lbs + 90 deg</b> <b>Main Bearing 10-12 ft.lbs M10 (2.7L engines)</b> <b>Main Bearing 10-13 ft.lbs + 90 deg M8 (2.5L engines)</b> <b>Main Bearing 20-24 ft.lbs + 90 deg M10 (2.5L engines)</b> <b>Main Bearing 7-9 ft.lbs M7 (2.7L engines)</b>																																						
2656cc (2.7) G6BA		V6	86.7mm x 75mm																																							
<b>Rod</b>																																										
	47.982/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.495/0.0589	.018/.0007 .036/.0014	15.00/0.591	F810	12	1210A IH	<b>6B1210A</b> Std. .25 .50 .75																																	
<b>Main</b>																																										
1-4	61.982/2.4402 62.000/2.4409	66.020/2.5992 (Nominal)	2.013/0.0793	.021/.0008 .087/.0034	17.00/0.669	F810	8	1215A U/L	<b>4M1215A</b> Std. .25 .50 .75																																	
<b>Thrust</b>																																										
	68.250/2.6870 68.500/2.6968	79.600/3.1339 79.850/3.1437			1.95/0.077	F817	4	1215T U/L	<b>2T1215</b> Std.																																	
<i>Note: Set includes four pieces. Required with 4M1215A main set.</i>																																										
<table border="0" style="width:100%"> <tr> <td style="width:30%"><b>ENGINE</b></td> <td style="width:10%"><b>VIN</b></td> <td style="width:10%"><b>CYL</b></td> <td style="width:15%"><b>Bore x Stroke</b></td> <td colspan="6" style="text-align:right"><b>TORQUE SETTINGS</b></td> <td style="text-align:right"><b>11</b></td> </tr> <tr> <td>2972cc (3.0) G6AT</td> <td>T</td> <td>V6</td> <td>91.1mm x 76mm</td> <td colspan="6" style="text-align:right"> <b>Connecting Rod 38 ft.lbs/52 Nm</b>  <b>Main Bearing 60 ft.lbs/81 Nm</b> </td> <td></td> </tr> <tr> <td>2972cc (3.0) (G6AT)</td> <td>T</td> <td>V6</td> <td>91.1mm x 76mm</td> <td colspan="6"></td> <td></td> </tr> </table>										<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>						<b>11</b>	2972cc (3.0) G6AT	T	V6	91.1mm x 76mm	<b>Connecting Rod 38 ft.lbs/52 Nm</b> <b>Main Bearing 60 ft.lbs/81 Nm</b>							2972cc (3.0) (G6AT)	T	V6	91.1mm x 76mm							
<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>						<b>11</b>																																
2972cc (3.0) G6AT	T	V6	91.1mm x 76mm	<b>Connecting Rod 38 ft.lbs/52 Nm</b> <b>Main Bearing 60 ft.lbs/81 Nm</b>																																						
2972cc (3.0) (G6AT)	T	V6	91.1mm x 76mm																																							
<b>Rod</b>																																										
	49.972/1.9674 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.493/0.0588	.015/.0006 .089/.0035	15.50/0.610	F810	12	1140A IH	<b>6B1140</b> Std. .25 .50 .75 1.0																																	
<b>Main</b>																																										
1-4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/0.0783	.020/.0008 .086/.0034	18.13/0.714	F810	8	1149A U/L	<b>4M1149</b> Std. .25 .50 .75 1.0																																	
<b>Thrust</b>																																										
3	66.000/2.5984 66.250/2.6083	77.450/3.0492 77.700/3.0590			1.98/0.078	F817	4	1149T U/L	<b>2T1149</b> Std.																																	
<i>Note: Set includes four pieces, use on No. 3 position. Required with 4M1149 main set.</i>																																										
<table border="0" style="width:100%"> <tr> <td style="width:30%"><b>ENGINE</b></td> <td style="width:10%"><b>VIN</b></td> <td style="width:10%"><b>CYL</b></td> <td style="width:15%"><b>Bore x Stroke</b></td> <td colspan="6" style="text-align:right"><b>TORQUE SETTINGS</b></td> <td style="text-align:right"><b>12</b></td> </tr> <tr> <td>3500cc (3.5) G6CU</td> <td></td> <td>V6</td> <td>93mm x 85.6mm</td> <td colspan="6" style="text-align:right"> <b>Connecting Rod 26 ft.lbs + 90 deg</b>  <b>Main Bearing 65-72 ft.lbs</b> </td> <td></td> </tr> </table>										<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>						<b>12</b>	3500cc (3.5) G6CU		V6	93mm x 85.6mm	<b>Connecting Rod 26 ft.lbs + 90 deg</b> <b>Main Bearing 65-72 ft.lbs</b>																	
<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>						<b>12</b>																																
3500cc (3.5) G6CU		V6	93mm x 85.6mm	<b>Connecting Rod 26 ft.lbs + 90 deg</b> <b>Main Bearing 65-72 ft.lbs</b>																																						
<b>Rod</b>																																										
	54.981/2.1646 54.999/2.1653	58.001/2.2835 58.019/2.2842	1.495/0.0589	.020/.0008 .051/.0020	15.50/0.610	F780	12	1180 IH	<b>6B1180</b> Std. .25 .50 .75																																	
<b>Main</b>																																										
1-4	63.983/2.5190 64.000/2.5197	68.001/2.6772 68.006/2.6774	1.995/0.0785	.011/.0004 .059/.0023	17.12/0.674	F780	8	1183 U/L	<b>4M1183</b> Std. .25 .50 .75 1.0																																	
<b>Thrust</b>																																										
	70.100/2.7598 70.350/2.7697	94.250/3.7106 94.500/3.7205			1.96/0.077	F817	2	1183T IH	<b>1T1183</b> Std.																																	
<i>Note: Set includes four pieces, use on No. 3 position. Required with 4M1183 main set.</i>																																										

## INFINITI ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1998cc (2.0).....	(SR20DE)	C	L4	91-96	1	2988cc (3.0).....	(VQ30DE)		V6	00-01	4
2000cc (2.0).....	(SR20DE)		L4	00-02	1	2988cc (3.0).....	(VQ30DE)	C	V6	96-99	4
2000cc (2.0).....	(SR20DE)	C	L4	99-99	1	3275cc (3.3).....	(VG33E)		V6	00-00	2
2960cc (3.0).....	(VG30DE)	A	V6	93-97	3	3275cc (3.3).....	(VG33E)	A	V6	97-99	2
2960cc (3.0).....	(VG30E)	H	V6	90-92	2	3498cc (3.5).....	(VQ35DE)		V6	01-06	5

## INFINITI MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
FX35		3498	3.5		03-05	J30		2960	3.0		93-97
G20		1998	2.0		91-96	M30		2960	3.0		90-92
		2000	2.0		99-02	M35		3498	3.5		06
G35		3498	3.5		03-06	M35 - SPORT		3498	3.5		06
G35 - X		3498	3.5		06	M35 - X		3498	3.5		06
I30		2988	3.0		96-01	QX4		3275	3.3		97-00
I35		3498	3.5		02-04			3498	3.5		01-03

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1998cc (2.0) (SR20DE)	C	L4	86mm x 86mm	Connecting Rod 10-12 ft.lbs Step 1					
2000cc (2.0) (SR20DE)		L4	86mm x 86mm	Connecting Rod 28-33 ft.lbs Step 2					
2000cc (2.0) (SR20DE)	C	L4	86mm x 86mm	Main Bearing 24-28 ft.lbs Step 1					
				Main Bearing 54-61 ft.lbs Step 2					

Model	Std.	Shaft	Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
4B2960	.25 .50 .75 1.0		Rod	47.956/1.8880	51.000/2.0079	1.503/0.0592	.020/.0008	17.10/0.673	F780	8	2960
				47.974/1.8887	51.013/2.0084		.076/.0030			IH	
5M2964	.25 .50 .75		Main	54.956/2.1636	58.944/2.3206	1.980/0.0780	.004/.0002	19.10/0.752	F780	10	2964
				54.980/2.1646	58.968/2.3216		.078/.0031			U/L	
1T2964	Std.		Thrust	61.500/2.4213	83.050/3.2697			1.95/0.077	F250	2	2964T
				61.750/2.4311	83.300/3.2795					IH	

Note: Set includes two pieces, use on No.3 positoin. Required with 5M2964 main set.

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS							
2960cc (3.0) (VG30E)	H	V6	87mm x 83mm	Connecting Rod 33-40 ft.lbs/45-54 Nm VG30E engines							
3275cc (3.3) (VG33E)		V6	91.44mm x 83mm	Main Bearing 67-74 ft.lbs/91-100 Nm							
3275cc (3.3) (VG33E)	A	V6	91.44mm x 83mm	Connecting Rod 10-12 ft.lbs + 60-65 deg VG33E engines							

Model	Std.	Shaft	Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
6B2390	.25 .50 .75 1.0		Rod	49.961/1.9670	53.000/2.0866	1.506/0.0593	.014/.0006	17.09/0.673	F780	12	2390
				49.974/1.9675	53.011/2.0870		.064/.0025			IH	
4M2777	.25 .50 .75 1.0		Main	62.951/2.4784	66.645/2.6238	1.829/0.0720	.028/.0011	22.50/0.886	F780	2	2777
				62.974/2.4793	66.657/2.6243		.099/.0039			U/L	
				62.951/2.4784	66.645/2.6238	1.829/0.0720	.028/.0011	19.00/0.748	F780	4	2778
				62.974/2.4793	66.657/2.6243		.099/.0039			U/L	
4 (FI)				62.951/2.4784	66.645/2.6238	1.829/0.0720	.028/.0011	28.85/1.136	F780	2	2779
				62.974/2.4793	66.657/2.6243		.099/.0039			U/L	

Overflange length remains constant for standard and undersizes.

3 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS							
2960cc (3.0) (VG30DE)	A	V6	87mm x 83mm	Connecting Rod 12 ft.lbs + 60-65 deg							
				Main Bearing 67-74 ft.lbs/91-100 Nm							

Model	Std.	Shaft	Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
6B2390	.25 .50 .75 1.0		Rod	49.961/1.9670	53.000/2.0866	1.506/0.0593	.014/.0006	17.09/0.673	F780	12	2390
				49.974/1.9675	53.011/2.0870		.064/.0025			IH	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									
<b>3</b>									
<b>Main</b>									
2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	19.00/0.748	F780	4	2737 U/L	<b>4M2737</b> Std. .25 .50 .75 1.0
4 (FI)	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	28.85/1.136	F780	2	2738 U/L	
1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	22.50/0.886	F780	2	2739 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>2988cc (3.0) (VQ30DE)</b>		<b>V6</b>	<b>93mm x 73.3mm</b>	<b>Connecting Rod 12 ft.lbs + 60-65 deg</b>					
<b>2988cc (3.0) (VQ30DE)</b>	<b>C</b>	<b>V6</b>	<b>93mm x 73.3mm</b>	<b>Main Bearing 67-74 ft.lbs/91-100 Nm</b>					
<b>4</b>									
<b>Rod</b>									
	44.958/1.7700 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.502/0.0591	.034/.0013 .059/.0023	17.00/0.669	F780	12	2630 IH	<b>6B2630</b> Std. .25 .50 .75
<b>Main</b>									
1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843 (@ 0.25 u/s)	.035/.0014 .065/.0026	20.12/0.792	F780	8	2633 U/L	<b>4M2633</b> .25 .50 .75
<i>Note : There is no STD undersize for this set due to numerous STD grades used by the OEM.</i>									
<b>Thrust</b>									
	66.500/2.6181 66.700/2.6260	79.250/3.1201 79.500/3.1299			1.94/0.076	F817	2	2633T U/L	<b>2T2633</b> Std.
<i>Set includes 4 pieces. Use with 4M2633 main set.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>3498cc (3.5) (VQ35DE)</b>		<b>V6</b>	<b>95.5mm x 81.4mm</b>	<b>Connecting Rod 14-15 ft.lbs + 90-95 deg</b>					
				<b>Main Bearing 24-25 ft.lbs + 90-95 deg</b>					
<b>5</b>									
<b>Rod</b>									
	51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/0.0591	.022/.0009 .069/.0027	17.00/0.669	F780	12	2640 IH	<b>6B2640</b> Std. .25 .50 .75
<b>Main</b>									
1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843 (@ 0.25 u/s)	.035/.0014 .065/.0026	20.12/0.792	F780	8	2633 U/L	<b>4M2633</b> .25 .50 .75
<i>Note : There is no STD undersize for this set due to numerous STD grades used by the OEM.</i>									
<b>Thrust</b>									
	66.500/2.6181 66.700/2.6260	79.250/3.1201 79.500/3.1299			1.94/0.076	F817	2	2633T U/L	<b>2T2633</b> Std.
<i>Set includes 4 pieces. Use with 4M2633 main set.</i>									

## INFINITI PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1998cc (2.0).....	(SR20DE)	C	L4	91-02	1	3498cc (3.5).....	(VQ35DE)		V6	01-06	3
2960cc (3.0).....	(VG30DE)	A	V6	93-97	2						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE		VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1998cc (2.0) (SR20DE)		C	L4	86mm x 86mm	<b>Connecting Rod 10-12 ft.lbs Step 1</b> <b>Connecting Rod 28-33 ft.lbs Step 2</b> <b>Main Bearing 24-28 ft.lbs Step 1</b> <b>Main Bearing 54-61 ft.lbs Step 2</b>					

4B2960H Std. .025 .25	<b>Rod - Race Series.</b>									
	47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/0.0592	.020/.0008 .067/.0026	17.10/0.673	F781	8	2960H IH		
4B2960HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>									
	47.956/1.8880 47.975/1.8888	51.000/2.0079 51.013/2.0084	1.503/0.0592	.020/.0008 .067/.0026	17.10/0.673	F781	8	2960HX IH		
5M2964H Std. .025 .25 .50	<b>Main - Race Series.</b>									
	1-5 54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.975/0.0778	.014/.0006 .078/.0031	19.10/0.752	F780	10	2964H U/L		
5M2964HX Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>									
	1-5 54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.963/0.0773	.040/.0016 .103/.0041	19.10/0.752	F780	10	2964HX U/L		
1T2964 Std.	<b>Thrust</b>									
	3 61.500/2.4213 61.750/2.4311	83.050/3.2697 83.300/3.2795			1.95/0.077	F250	2	2964T IH		

Note: Set includes two pieces, use on No.3 positoin. Required with 5M2964H/HX main set.

2 ENGINE		VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
2960cc (3.0) (VG30DE)		A	V6	87mm x 83mm	<b>Connecting Rod 12 ft.lbs + 60-65 deg</b> <b>Main Bearing 67-74 ft.lbs/91-100 Nm</b>					

6B2390H Std. .025 .25 .50	<b>Rod - Race Series.</b>									
	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/0.0592	.020/.0008 .060/.0024	17.10/0.673	F781	12	2390H IH		
6B2390HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>									
	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.490/0.0587	.045/.0018 .086/.0034	17.10/0.673	F781	12	2390HX IH		
4M2737H Std. .025 .25 .50	<b>Main - Race Series.</b>									
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	19.00/0.748	F780	4	2737H U/L	
	4 (FI)	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	28.85/1.136	F780	2	2738H U/L	
	1	62.951/2.4784 62.674/2.4675	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	22.50/0.886	F780	2	2739H U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	4M2737HX Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
2,3		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/0.0715	.036/.0014 .102/.0040	19.00/0.748	F780	4	2737HX U/L	
		62.951/2.4784 62.674/2.4675	66.645/2.6238 66.672/2.6249	1.817/0.0715	.036/.0014 .102/.0040	28.85/1.136			2738HX	
		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/0.0715	.036/.0014 .102/.0040	22.50/0.886			2739HX	
<i>Overflange length remains constant for standard and undersizes.</i>										



# INFINITI PERFORMANCE

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						<b>3</b>
3498cc (3.5) (VQ35DE)		V6	95.5mm x 81.4mm	Connecting Rod 14-15 ft.lbs + 90-95 deg Main Bearing 24-25 ft.lbs + 90-95 deg						

**Rod - Race Series.**

51.956/2.0455	55.000/2.1654	1.502/0.0591	.022/0.009	17.00/0.669	F781	12	2640H
51.975/2.0463	55.013/2.1659		.069/0.027				IH

**6B2640H**  
Std. .025 .25

**Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

51.956/2.0455	55.000/2.1654	1.489/0.0586	.047/0.019	17.00/0.669	F781	12	2640HX
51.975/2.0463	55.013/2.1659		.094/0.037				IH

**6B2640HX**  
Std.

**Main - Race Series.**

1-4	59.951/2.3603	63.993/2.5194	2.140/0.0843	.035/0.014	20.12/0.792	F780	8	2633H
	59.975/2.3612	64.017/2.5203		.065/0.026				U/L

**4M2633H**  
Std. .025 .25

**Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

1-4	59.951/2.3603	63.993/2.5194	2.140/0.0843	.060/0.024	20.12/0.792	F780	8	2633HX
	59.975/2.3612	64.017/2.5203		.090/0.035				U/L

**4M2633HX**  
Std.

**Thrust**

66.500/2.6181	79.250/3.1201			1.94/0.076	F817	2	2633T
66.700/2.6260	79.500/3.1299						U/L

**2T2633**  
Std.

*Set includes 4 pieces. Use with 4M2633H/HX main set.*

## INTERNATIONAL ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
152 (2.5) .....	4-152, 4-152T, B152		L4	61-71	1	304 (5.0) .....		V8	60-80	5	
196 (3.2) .....	4-196		L4	71-80	1	345 (5.6) .....		V8	61-85	5	
198 (3.2) .....	6-33, IN633,Diesel		L6	76-79	2	392 (6.4) .....		V8	66-85	5	
198 (3.2) .....	(6-33T), Turbo,Diesel		L6	80-80	2	400 .....	Jeep engine	V8	74-74	6	
220 (3.6) .....			L6	63-68	3	404 .....		V8	75-82	7	
232 (3.8) .....	Jeep Engines		L6	69-71	4	421 (6.9) .....	Diesel	V8	80-88	8	
241 (3.9) .....			L6	68-70	3	444 (7.3) .....	Diesel	V8	88-95	8	
258 (4.2) .....	Jeep Engines		L6	72-75	4	444 (7.3) .....	T444E (Powerstroke), Turbo,Diesel	V8	94-99	9	
265 (4.3) .....			L6	69-70	3						
266 (4.4) .....			V8	59-70	5	446 .....		V8	75-81	7	

## INTERNATIONAL MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years		
100	258	4.2		Jeep Engines	74	150	345	5.6			75		
	304	5.0			74		392	6.4			75		
	345	5.6			74		258	4.2		Jeep Engines	74		
	392	6.4			74		304	5.0			74-75		
1000B	232	3.8		Jeep Engines	69	200	345	5.6			74-75		
	241	3.9			68-69		392	6.4			74-75		
	266	4.4			68-69		266	4.4			68		
	304	5.0			69		304	5.0			69		
1000C	232	3.8		Jeep Engines	69	908B	266	4.4			68		
	241	3.9			69	304	5.0			69			
	266	4.4			68-69	266	4.4			68			
	304	5.0			69	304	5.0			69			
1000D	232	3.8		Jeep Engines	69-70	DM10	258	4.2		Jeep Engines	72		
	241	3.9			69-70	304	5.0			72			
	266	4.4			69-70	M SERIES VAN	152	2.5		4-152, 4-152T, B152	61-67		
	304	5.0			69-70	M1100	220	3.6			63-67		
1010	232	3.8		Jeep Engines	71		152	2.5		4-152, 4-152T, B152	68-71		
	258	4.2		Jeep Engines	72-73		196	3.2		4-196	71		
	304	5.0			72-73		220	3.6			68		
	392	6.4			72-73		232	3.8		Jeep Engines	69-70		
1100B	232	3.8		Jeep Engines	69		241	3.9			69-70		
	241	3.9			68-69		258	4.2		Jeep Engines	72		
	266	4.4			68-69		266	4.4			68		
	304	5.0			69		304	5.0			69-72		
1100C	232	3.8		Jeep Engines	69	M1200	220	3.6			68		
	241	3.9			68-69		232	3.8		Jeep Engines	69-71		
	266	4.4			68-69		241	3.9			68-70		
	304	5.0			69		258	4.2		Jeep Engines	72		
1100D	232	3.8		Jeep Engines	69-70		266	4.4			68		
	241	3.9			69-70		304	5.0			69-72		
	266	4.4			69-70		M1400	232	3.8		Jeep Engines	69	
	304	5.0			69-70			241	3.9		69		
1110	232	3.8		Jeep Engines	71		304	5.0			69		
	258	4.2		Jeep Engines	72-73	M800	152	2.5		4-152, 4-152T, B152	68-71		
	304	5.0			72-73		220	3.6			68		
	392	6.4			72-73		232	3.8		Jeep Engines	69-70		
1200B	241	3.9			68-69		241	3.9			69-70		
	266	4.4			68-69		304	5.0			69-71		
	304	5.0			69		M800 NAVY	232	3.8		Jeep Engines	69	
	304	5.0			69			241	3.9		69		
1200C	241	3.9			68-69			304	5.0		69		
	266	4.4			68-69		M800 POST OFFICE	152	2.5		4-152, 4-152T, B152	71	
	304	5.0			69			232	3.8		Jeep Engines	69-70	
	304	5.0			69			241	3.9			69-70	
1200D	241	3.9			69-70			258	4.2		Jeep Engines	72	
	266	4.4			69-70			304	5.0			69-72	
	304	5.0			69-70			220	3.6			68	
	304	5.0			69-70			232	3.8		Jeep Engines	69-71	
1210	232	3.8		Jeep Engines	71		241	3.9			68-70		
	258	4.2		Jeep Engines	72-73		266	4.4			68		
	304	5.0			72-73		304	5.0			69-71		
	392	6.4			72-73			258	4.2		Jeep Engines	74	
1300B	241	3.9			68-69			304	5.0			74	
	266	4.4			68-69			MHC1310	258	4.2		Jeep Engines	72-74
	304	5.0			69				304	5.0		72-74	
	304	5.0			69			MS1210	258	4.2		Jeep Engines	75
1300C	241	3.9			68-69				392	6.4			75
	266	4.4			68-69				152	2.5		4-152, 4-152T, B152	61-71
	304	5.0			69				265	4.3			69-70
	304	5.0			69				266	4.4			68
1300D	241	3.9			69-70				304	5.0			69-70
	266	4.4			69-70				304	5.0			69-70
	304	5.0			69-70				196	3.2		4-196	71-80
	304	5.0			69-70				198	3.2			80
1310	232	3.8		Jeep Engines	71				198	3.2		6-33, IN633	76-79
	258	4.2		Jeep Engines	72-73				232	3.8		Jeep Engines	71
	304	5.0			72-73				304	5.0			71-80
	392	6.4			72-73								

## INTERNATIONAL MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
SCOUT II	345		5.6		71-80	SCOUT II - TERRA	304		5.0		76-80
	392		6.4		75		345		5.6		
SCOUT II - SS2	196		3.2	4-196	78-79	SCOUT II - TRAVELER	196		3.2	4-196	76-80
	304		5.0		78-79		198		3.2		80
	345		5.6		78-79		198		3.2	6-33, IN633	76-79
SCOUT II - TERRA	196		3.2	4-196	76-80		304		5.0		76-80
	198		3.2	6-33, IN633	76-79		345		5.6		76-80

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
<b>152 (2.5) 4-152, 4-152T, B152</b>		<b>L4</b>	<b>3.875 x 3.219</b>	<b>Connecting Rod 45-55 ft.lbs/61-75 Nm</b>	
<b>196 (3.2) 4-196</b>		<b>L4</b>	<b>4.125 x 3.656</b>	<b>Main Bearing 75-85 ft.lbs/102-115 Nm</b>	

Main										5M516P Std. 10 20 30
1,2,4,5	69.809/2.7484 69.835/2.7494	74.701/2.9410 74.727/2.9420	2.421/0.0953	.024/.0009 .102/.0040	18.44/0.726	F780	8	2042 U/L		
3 (FI)	69.809/2.7484 69.835/2.7494	74.701/2.9410 74.727/2.9420	2.420/0.0953	.024/.0009 .102/.0040	26.78/1.054	F780	2	6535 U/L		

Overflange length remains constant for standard and undersizes.

Cam										5C426S Std.
1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		18.16/0.715	F23	1	IN-11-1		
2	53.061/2.0890 53.086/2.0900	56.400/2.2205 56.440/2.2220	1.640/0.0647		16.50/0.650	F23	1	IN-11-2		
3	52.806/2.0790 52.832/2.0800	56.147/2.2105 56.185/2.2120	1.640/0.0647		16.50/0.650	F23	1	IN-11-3		
4	52.552/2.0690 52.578/2.0700	55.893/2.2005 55.931/2.2020	1.640/0.0647		16.50/0.650	F23	1	IN-11-4		
5	52.300/2.0590 52.324/2.0600	55.639/2.1905 55.677/2.1920	1.640/0.0647		19.18/0.755	F23	1	IN-11-5		

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
<b>198 (3.2) 6-33, IN633 Diesel</b>		<b>L6</b>	<b>83mm x 100mm</b>	<b>Connecting Rod 37 ft.lbs</b>	
<b>198 (3.2) (6-33T) Turbo Diesel</b>		<b>L6</b>	<b>83mm x 100mm</b>	<b>Main Bearing 123-137 ft.lbs</b>	

Rod										6B1366 Std. .25 .50 .75 1.0
	52.913/2.0832 52.926/2.0837	55.987/2.2042 56.000/2.2047	1.506/0.0593	.049/.0019 .101/.0040	26.04/1.025	F780	12	1366 IH		

Main										4M1367 Std. .25 .50 .75 1.0
1,2,3,4	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.015/0.0793	.031/.0012 .089/.0035	31.87/1.255	F780	8	1367 U/L		

Thrust										2T1367 Std.
4	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900			2.36/0.093	F250	4	1367T U/L		

Set includes 4 pieces, use on No.4 position. Required with 4M1367 main set.

Cam - for engines before 4/79 only.										4C4036 Std.
1	45.434/1.7887 45.447/1.7892	48.641/1.9150 48.666/1.9160	1.588/0.6250	.018/.0007 .110/.0043	24.13/0.950	F23	1	4036		
2,3	43.897/1.7282 43.910/1.7287	47.117/1.8550 47.142/1.8560	1.588/0.0625	.012/.0005 .031/.0012	22.10/0.870	F23	2	4037		
4	41.218/1.6628 41.231/1.6233	44.425/1.7490 44.450/1.7500	1.588/0.6250	.018/.0007 .110/.0043	24.13/0.950	F23	1	4038		

Cam - for engines after 5/79 only.										4C4042 Std.
1	51.390/2.0232 51.400/2.0236	54.410/2.1421 54.430/2.1429	1.495/0.0589	.020/.0008 .090/.0035	24.25/0.955	F820	1	4042		
2	51.190/2.0154 51.200/2.0157	54.210/2.1342 54.230/2.1350	1.495/0.0589	.020/.0008 .090/.0035	22.25/0.876	F820	1	4043		
3	50.990/2.0075 51.000/2.0079	54.010/2.1264 54.030/2.1272	1.495/0.0589	.020/.0008 .090/.0035	22.25/0.876	F820	1	4044		
4	50.790/1.9996 50.800/2.0000	53.810/2.1185 53.830/2.1193	1.495/0.0589	.020/.0008 .090/.0035	24.25/0.955	F820	1	4045		

# INTERNATIONAL



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
RB4096 Semi	<b>Small End</b>								
		26.000/1.0236 (Nominal)	29.000/1.1417 29.025/1.1427			30.10/1.185	F100	1	RB4096
<b>3 ENGINE</b>									
220 (3.6)			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
241 (3.9)				L6	3.563 x 3.688	<b>Connecting Rod 45-55 ft.lbs</b>			
265 (4.3)				L6	3.526 x 4.018	<b>Main Bearing 75-85 ft.lbs</b>			
				L6	3.687 x 4.125				
6B2001 Std. 10 20 30 40	<b>Rod - Non stock item. Orders Ex-Factory only.</b>								
		60.274/2.3730 60.300/2.3740	63.487/2.4995 63.500/2.5000	1.582/0.0623	.023/.0009 .088/.0035	27.94/1.100	F780	12	2001 IH
4M2002 Std. 10 20 30	<b>Main - Non stock item. Orders Ex-Factory only.</b>								
	1	69.799/2.7480 69.825/2.7490	74.701/2.9410 74.727/2.9420	2.423/0.0954	.030/.0012 .108/.0043	33.09/1.303	F780	2	2002 U/L
	2	69.799/2.7480 69.825/2.7490	74.701/2.9410 74.727/2.9420	2.423/0.0954	.030/.0012 .108/.0043	30.38/1.196	F780	2	2003 U/L
	3 (FI)	69.799/2.7480 69.825/2.7490	74.701/2.9410 74.727/2.9420	2.423/0.0954	.030/.0012 .108/.0043	41.15/1.620	F780	2	2004 U/L
	4	69.799/2.7480 69.825/2.7490	74.701/2.9410 74.727/2.9420	2.423/0.0954	.030/.0012 .108/.0043	48.21/1.898	F780	2	2005 U/L
<b>* DIMENSIONAL INFORMATION FOR 4M2002</b>									
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
		.010" u/s shaft			1.624"				
		.020" u/s shaft			1.624"				
		.030" u/s shaft			1.628"				
4C220S Discontinued	<b>Cam - Non stock item. Orders Ex-Factory only.</b>								
	1	53.568/2.1090 53.594/2.1100	56.896/2.2400 56.934/2.2415	1.643/0.0647	.026/.0010 .101/.0040	28.70/1.130	F23	1	IN-3A-1
	2	53.061/2.0890 53.086/2.0900	56.388/2.2200 56.426/2.2215	1.643/0.0647	.026/.0010 .101/.0040	27.10/1.067	F23	1	IN-8-2
	3	52.553/2.0690 52.578/2.0700	55.880/2.2000 55.918/2.2015	1.643/0.0647	.026/.0010 .101/.0040	27.10/1.067	F23	1	IN-8-3
	4	38.087/1.4995 38.113/1.5005	41.415/1.6305 41.453/1.6320	1.643/0.0647	.026/.0010 .101/.0040	33.45/1.317	F23	1	IN-8-4
<b>4 ENGINE</b>									
232 (3.8) Jeep Engines			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
258 (4.2) Jeep Engines				L6	3.75 x 3.50	<b>Connecting Rod 27-30 ft.lbs/36-41 Nm (1969-74 engines)</b>			
				L6	3.75 x 3.90	<b>Connecting Rod 30-35 ft.lbs/41-48 Nm (1975 on engines)</b>			
						<b>Main Bearing 75-85 ft.lbs/102-115 Nm</b>			
6B960P Std. 01 10 20 30 40	<b>Rod</b>								
		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/0.0561	.017/.0006 .074/.0029	21.26/0.837	F780	12	1480 IH
7M704P Std. 10 20 30 40	<b>Main</b>								
	1,2,4,5, 6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L
	3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.270	F780	2	8873 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **4**

**Main - Alt set to 7M704P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4,5,6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L	<b>7M8879P</b> 10 20 30 40
3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.280	F780	2	8879 U/L	

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 7M8879P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.280"	+0.010"
.020" u/s shaft	1.280"	+0.010"
.030" u/s shaft	1.280"	+0.010"
.040" u/s shaft	1.280"	+0.010"

**Cam**

1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		17.65/0.695	F23	1	N-7-1	<b>4C549S</b> Std.
2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.580/0.0620		17.65/0.695	F23	1	N-7-2	
3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.580/0.0620		17.65/0.695	F23	1	N-7-3	
4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		17.65/0.695	F23	1	N-7-4	

**ENGINE**

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

<b>266 (4.4)</b>	<b>V8</b>	<b>3.63 x 3.22</b>	<b>Connecting Rod 45-55 ft.lbs/61-75 Nm</b> <b>Main Bearing 75-85 ft.lbs/102-115 Nm</b>
<b>304 (5.0)</b>	<b>V8</b>	<b>3.88 x 3.22</b>	
<b>345 (5.6)</b>	<b>V8</b>	<b>3.88 x 3.66</b>	
<b>392 (6.4)</b>	<b>V8</b>	<b>4.13 x 3.66</b>	

**5**

**Rod**

	60.274/2.3730 60.300/2.3740	63.487/2.4995 63.500/2.5000	1.580/0.0622	.027/.0011 .092/.0036	24.84/0.978	F780	16	2041 IH	<b>8B581P</b> Std. 10 20 30
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**Main**

1,2,4,5	69.809/2.7484 69.835/2.7494	74.701/2.9410 74.727/2.9420	2.421/0.0953	.024/.0009 .102/.0040	18.44/0.726	F780	8	2042 U/L	<b>5M516P</b> Std. 10 20 30
3 (FI)	69.809/2.7484 69.835/2.7494	74.701/2.9410 74.727/2.9420	2.420/0.0953	.024/.0009 .102/.0040	26.78/1.054	F780	2	6535 U/L	

Overflange length remains constant for standard and undersizes.

**Cam**

1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		18.16/0.715	F23	1	IN-11-1	<b>5C426S</b> Std.
2	53.061/2.0890 53.086/2.0900	56.400/2.2205 56.440/2.2220	1.640/0.0647		16.50/0.650	F23	1	IN-11-2	
3	52.806/2.0790 52.832/2.0800	56.147/2.2105 56.185/2.2120	1.640/0.0647		16.50/0.650	F23	1	IN-11-3	
4	52.552/2.0690 52.578/2.0700	55.893/2.2005 55.931/2.2020	1.640/0.0647		16.50/0.650	F23	1	IN-11-4	
5	52.300/2.0590 52.324/2.0600	55.639/2.1905 55.677/2.1920	1.640/0.0647		19.18/0.755	F23	1	IN-11-5	

**ENGINE**

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

<b>400 Jeep engine</b>	<b>V8</b>	<b>4.165 x 3.680</b>	<b>Connecting Rod 35-40 ft.lbs/48-54 Nm</b> <b>Main Bearing 95-100 ft.lbs/129-136 Nm</b>
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**6**

**Rod**

	57.094/2.2478 57.112/2.2485	60.312/2.3745 60.325/2.3750	1.582/0.0623	.048/.0019 .104/.0041	20.45/0.805	F780	16	CB819P IH	<b>8B819P</b> Std. 10 20
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# INTERNATIONAL



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>6 (Cont'd.)</b>										
<b>5M1041P</b> Std. 10 20 30 40	<b>Main</b>									
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U	
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L	
	3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.26/1.270	F780	2	1483 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>Main - Alt set to 5M1041P, with +0.010" overwidth flange increase for undersizes.* See below for dimensional information.</b>									
	<b>5M1485P</b> 10 20 30 40	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
		1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
		3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.51/1.280	F780	2	1485 U/L
		<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M1485P</b>										
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
				1.280"		+0.010"				
				1.280"		+0.010"				
				1.280"		+0.010"				
				1.280"		+0.010"				
<b>5C671S</b> Std.	<b>Cam</b>									
	1	53.835/2.1195 53.861/2.1205	57.036/2.2455 57.061/2.2465	1.580/0.0620		23.50/0.925	F23	1	N-9-1	
	2	53.073/2.0895 53.099/2.0905	56.274/2.2155 56.299/2.2165	1.580/0.0620		16.00/0.630	F23	1	N-8-2	
	3	52.311/2.0595 52.337/2.0605	55.512/2.1855 55.537/2.1865	1.580/0.0620		16.00/0.630	F23	1	N-8-3	
	4	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		16.00/0.630	F23	1	N-8-4	
	5	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		16.00/0.630	F23	1	N-8-5	
	<b>7 ENGINE</b>									
	<b>404</b>		<b>VIN</b>		<b>CYL</b>		<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>	
	<b>446</b>				<b>V8</b>		<b>4.13 x 3.74</b>		<b>Connecting Rod 38-44 ft.lbs/51-60 Nm</b>	
					<b>V8</b>		<b>4.13 x 4.18</b>		<b>Main Bearing 90-100 ft.lbs/122-136 Nm</b>	
<b>8B1230P</b> Std. 10 20 30	<b>Rod</b>									
		63.450/2.4980 63.475/2.4990	66.662/2.6245 66.675/2.6250	1.580/0.0622	.041/.0016 .104/.0041	24.84/0.978	F780	16	CB1230P IH	
	<b>5M1460P</b> Std. 10 20 30	<b>Main</b>								
		1,2,4,5	79.319/3.1228 79.340/3.1236	84.206/3.3152 84.227/3.3160	2.420/0.0953	.079/.0031 .119/.0047	20.45/0.805	F780	8	MB2763P U/L
	3 (FI)	79.339/3.1228 79.340/3.1236	84.206/3.3152 84.226/3.3160	2.420/0.0953	.079/.0031 .119/.0047	28.70/1.130	F780	2	MB2764P U/L	
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>5C1092S</b> Std.	<b>Cam</b>									
	1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		20.07/0.790	F23	1	IN-17-1	
	2,3,4,5	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		16.64/0.655	F23	4	IN-17-2	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						<b>8</b>
<b>421 (6.9) Diesel</b>		<b>V8</b>	<b>4.00 x 4.18</b>	<b>Connecting Rod 48-54 ft.lbs</b>						
<b>444 (7.3) Diesel</b>		<b>V8</b>	<b>4.11 x 4.18</b>	<b>Main Bearing 95 ft.lbs</b>						

**Rod**

63.449/2.4980	68.339/2.6905	2.420/0.0952	.053/.0021	22.56/0.888	F780	16	5241
63.474/2.4990	68.364/2.6915		.104/.0041				IH

**8B1327P**  
Std. 01 10 20 30

**Main**

1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.053/.0021 .124/.0049	22.23/0.875	F780	8	2934 U/L
3 (FI)	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.053/.0021 .124/.0049	28.70/1.130	F780	2	2935 U/L

**5M1596P**  
Std. 10 20 30

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		20.07/0.790	F23	1	IN-17-1
2,3,4,5	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		16.64/0.655	F23	4	IN-17-2

**5C1092S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						<b>9</b>
<b>444 (7.3) T444E (Powerstroke) Turbo Diesel</b>		<b>V8</b>	<b>4.11 x 4.18</b>	<b>Connecting Rod 52 ft.lbs Step 1</b>						
				<b>Connecting Rod 80 ft.lbs Step 2</b>						
				<b>Main Bearing 75 ft.lbs Step 1</b>						
				<b>Main Bearing 95 ft.lbs Step 2</b>						

**Rod**

63.449/2.4980	68.339/2.6905	2.419/0.0952	.038/.0015	22.56/0.888	F780	16	5246
63.475/2.4990	68.364/2.6915		.114/.0045				IH

**8B1633P**  
Std. 10 20 30 40

**Main**

1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.046/.0018 .117/.0046	23.70/0.933	F780	8	5247 U/L
3 (FI)	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/0.0949	.046/.0018 .117/.0046	31.45/1.238	F780	2	5248 U/L

**5M2034P**  
Std. 10 20 30 40

**Cam**

1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		20.07/0.790	F23	1	IN-17-1
2,3,4,5	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/0.0647		16.64/0.655	F23	4	IN-17-2

**5C1092S**  
Std.

# INTERNATIONAL TRACTOR



## INTERNATIONAL TRACTOR ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
144 (2.4) .....	BD144,Diesel		L4		1	206 (3.4) .....	D206,Diesel		L4		3
144 (2.4) .....	BC144		L4		1	239 (3.9) .....	D239,Diesel		L4		3
154 (2.5) .....	BD154,Diesel		L4		1	239 (3.9) .....	DT239, Turbo,Diesel		L4		3
154 (2.5) .....	Gas		L4		1	310 (5.1) .....	D310,Diesel		L6		4
155 (2.5) .....	D155,Diesel		L3		2	358 (5.9) .....	D358,Diesel		L6		4
155 (2.5) .....	Gas		L3		2	358 (5.9) .....	DT358, Turbo,Diesel		L6		4
179 (2.9) .....	D179,Diesel		L3		2						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
144 (2.4) BD144 Diesel		L4	3.375 x 4.000	Connecting Rod 30-35 ft.lbs Main Bearing 70-75 ft.lbs
144 (2.4) BC144		L4	3.375 x 4.000	
154 (2.5) BD154 Diesel		L4	3.500 x 4.000	
154 (2.5) Gas		L4	3.500 x 4.000	

4B2031 Std. 10 20 30 40	<b>Rod - Non-stock item. Order Ex-Factory only.</b>								
		44.425/1.7490 44.450/1.7500	47.638/1.8755 47.650/1.8760	1.577/0.0621	.034/.0013 .097/.0038	26.51/1.044	F780	8	2031 IH
5M2033 Std. 10 20 30 40	<b>Main - Non-stock item. Order Ex-Factory only.</b>								
	1,2,3,4	53.975/2.1250 54.000/2.1260	58.331/2.2965 58.357/2.2975	2.153/0.0848	.025/.0010 .102/.0040	27.23/1.072	F780	8	2032 U/L
	5 (FI)	53.975/2.1250 54.000/2.1260	58.331/2.2965 58.357/2.2975	2.153/0.0848	.025/.0010 .102/.0040	33.28/1.310	F780	2	2033 IH
<i>Overflange length increases with undersizes. *See below for dimensional information.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M2033</b>									
		Overall Width (Nominal)			Increase in Width				
.010" u/s shaft		1.314"			+0.004"				
.020" u/s shaft		1.314"			+0.004"				
.030" u/s shaft		1.318"			+0.008"				
.040" u/s shaft		1.318"			+0.008"				
3C6546 Std.	<b>Cam - Non-stock item. Order Ex-Factory only.</b>								
	1	45.999/1.8110 46.025/1.8120	49.326/1.9420 49.377/1.9440	1.646/0.0648	.009/.0004 .116/.0046	28.04/1.104	F23	1	6546
	2	40.056/1.5770 40.081/1.5780	43.370/1.7075 43.408/1.7090	1.626/0.0640	.037/.0015 .110/.0043	25.05/0.986	F23	1	6547
	3	38.075/1.4990 38.100/1.5000	41.389/1.6295 41.427/1.6310	1.626/0.0640	.037/.0015 .110/.0043	20.09/0.791	F23	1	6548

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
155 (2.5) D155 Diesel		L3	3.875 x 4.374	Connecting Rod 18.5 ft.lbs + 120 deg.
155 (2.5) Gas		L3	3.875 x 4.374	
179 (2.9) D179 Diesel		L3	3.875 x 5.063	

3B2006 Std. .25 .50 .75	<b>Rod - Non-stock item. Order Ex-Factory only.</b>								
		63.971/2.5185 63.990/2.5193	68.000/2.6772 68.019/2.6779	1.971/0.0776	.068/.0027 .122/.0048	32.18/1.267	F820	6	2006 IH
<i>Locating lug on right side.</i>									
4M2007 Std. .25 .50 .75 1.0	<b>Main - Non-stock item. Order Ex-Factory only.</b>								
	1,2,3	79.972/3.1485 79.990/3.1492	85.999/3.3858 86.022/3.3867	2.972/0.1170	.065/.0026 .132/.0052	25.80/1.016	F780	6	2007 U/L
	4 (FI)	79.971/3.1485 79.990/3.1492	86.000/3.3858 86.022/3.3867	2.972/0.1170	.066/.0026 .133/.0052	36.51/1.437	F780	2	2008 U/L
<i>Overflange length increases with undersizes. *See below for dimensional information.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M2007</b>									
		Overall Width (Nominal)			Increase in Width				
0.25 mm u/s shaft		1.447"			+0.010"				
0.50 mm u/s shaft		1.457"			+0.020"				
0.75 mm u/s shaft		1.467"			+0.030"				
1.00 mm u/s shaft		1.477"			+0.040"				



# INTERNATIONAL TRACTOR

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **2**

**Small End - Non-stock item. Order Ex-Factory only.**

35.996/1.4172	39.700/1.5630				34.00/1.339	F100	1	RB4067	<b>RB4067</b> Semi
36.000/1.4173	39.570/1.5579								

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
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<b>206 (3.4) D206 Diesel</b>		<b>L4</b>	<b>3.875 x 4.374</b>	
<b>239 (3.9) D239 Diesel</b>		<b>L4</b>	<b>3.875 x 5.059</b>	
<b>239 (3.9) DT239 Turbo Diesel</b>		<b>L4</b>	<b>3.875 x 5.059</b>	

**3**

**Rod - Non-stock item. Order Ex-Factory only.**

63.971/2.5185	68.000/2.6772	1.971/0.0776	.068/.0027	32.18/1.267	F820	8	2006	<b>4B2006</b> Std. .25 .50 .75 1.0
63.990/2.5193	68.019/2.6779		.112/.0044				IH	

Locating lug on right side.

**Main - Non-stock item. Order Ex-Factory only.**

1,2,3,4	79.972/3.1485	85.999/3.3858	2.972/0.1170	.065/.0026	25.80/1.016	F780	8	2007	<b>5M2007</b> Std. .25 .50 .75 1.0
	79.990/3.1492	86.022/3.3867		.132/.0052				U/L	
5 (FI)	79.971/3.1485	86.000/3.3858	2.972/0.1170	.065/.0026	36.51/1.437	F780	2	2008	
	67.990/2.6768	86.022/3.3867		.132/.0052				U/L	

Overflange length increases with undersizes. \*See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 5M2007**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.447"	+0.010"
0.50 mm u/s shaft	1.457"	+0.020"
0.75 mm u/s shaft	1.467"	+0.030"
1.00 mm u/s shaft	1.477"	+0.040"

**Small End - Non-stock item. Order Ex-Factory only.**

35.996/1.4172	39.700/1.5630				34.00/1.339	F100	1	RB4067	<b>RB4067</b> Semi
36.000/1.4173	39.570/1.5579								

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
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<b>310 (5.1) D310 Diesel</b>		<b>L6</b>	<b>3.875 x 4.374</b>	
<b>358 (5.9) D358 Diesel</b>		<b>L6</b>	<b>3.875 x 5.059</b>	
<b>358 (5.9) DT358 Turbo Diesel</b>		<b>L6</b>	<b>3.875 x 5.059</b>	

**4**

**Rod - Non-stock item. Order Ex-Factory only.**

63.971/2.5185	68.000/2.6772	1.971/0.0776	.068/.0027	32.18/1.267	F820	12	2006	<b>6B2006</b> Std. .25 .50 .75 1.0
63.990/2.5193	68.019/2.6779		.122/.0048				IH	

Locating lug on right side.

**Main - Non-stock item. Order Ex-Factory only.**

1-6	79.972/3.1485	85.999/3.3858	2.972/0.1170	.065/.0026	25.80/1.016	F780	12	2007	<b>7M2007</b> Std. .25 .50 .75 1.0
	79.990/3.1492	86.022/3.3867		.132/.0052				U/L	
7 (FI)	79.971/3.1485	86.000/3.3858	2.972/0.1170	.066/.0026	36.51/1.437	F780	2	2008	
	79.990/3.1492	86.022/3.3867		.133/.0052				U/L	

Overflange length increases with undersizes. \*See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 7M2007**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.447"	+0.010"
0.50 mm u/s shaft	1.457"	+0.020"
0.75 mm u/s shaft	1.467"	+0.030"
1.00 mm u/s shaft	1.477"	+0.040"

**Small End - Non-stock item. Order Ex-Factory only.**

35.996/1.4172	39.700/1.5630				34.00/1.339	F100	1	RB4067	<b>RB4067</b> Semi
36.000/1.4173	39.570/1.5579								

**ISUZU ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1325cc (1.3).....	G130		L4	66-72	1	2559cc (2.6).....	4ZE1	E	L4	88-97	15
1471cc (1.5).....	4XC1	7	L4	86-89	2	169 2770cc (2.8)...		8	L4	06-06	16
1471cc (1.5).....	4XC1-T, Turbo	9	L4	87-89	2	2771cc (2.8).....	4JB1,Diesel		L4	85-90	14
1471cc (1.5).....	4XC1	K	L4	85-85	2	2771cc (2.8).....	4JB1-T, Turbo,Diesel		L4	85-90	14
1487cc (1.5).....	4FA1,Diesel		L4	81-88	3	2775cc (2.8).....	4BA1,Diesel		L4	73-88	17
1584cc (1.6).....	4ZA1		L4	81-88	4	2827cc (2.8).....	LL2 (Chevrolet Eng.)	R	V6	89-91	18
1584cc (1.6).....	G161/W/Z		L4	69-79	1	3137cc (3.1).....	LG6 (Chevrolet Eng.)	Z	V6	91-94	18
1588cc (1.6).....	4XE1WT/RLK, Turbo	4	L4	91-92	2	3165cc (3.2).....	6VD1 SOHC	V	V6	92-97	19
1588cc (1.6).....	4XE1W/RLK	5	L4	89-91	2	3165cc (3.2).....	6VD1 DOHC	W	V6	92-98	19
1588cc (1.6).....	4XE1V/RLR	6	L4	91-93	2	3165cc (3.2).....	DOHC (6VD1)		V6	98-00	19
1817cc (1.8).....	4FB1,Diesel		L4	77-89	3	3165cc (3.2).....	DOHC (6VD1)	W	V6	01-04	19
1817cc (1.8).....	4ZB1		L4	81-89	4	3268cc (3.3).....	4BC1,Diesel		L4	79-84	20
1817cc (1.8).....	G180Z	B	L4	81-85	5	3268cc (3.3).....	4BC2,Diesel		L4	80-88	20
1817cc (1.8).....	G180Z	N	L4	81-82	5	211 3460cc (3.5)...		6	L5	06-06	21
1817cc (1.8).....	4FB1,Diesel	P	L4	81-84	3	3475cc (3.5).....	(6VE1)		V6	98-00	19
1949cc (1.9).....	G200Z	A	L4	83-87	6	3475cc (3.5).....	(6VE1)	X	V6	01-02	19
1951cc (2.0).....	C190,Diesel		L4	72-88	7	3491cc (3.5).....	(6VE1)	X	V6	03-04	19
1994cc (2.0).....	4ZC1-T, Turbo	F	L4	85-89	4	3595cc (3.6).....	4BB1,Diesel		L4	73-88	17
1995cc (2.0).....	4FC1,Diesel		L4	81-89	3	3856cc (3.9).....	4BD1,Diesel		L4	82-90	22
2156cc (2.2).....	Honda F22B6	4	L4	96-97	8	3856cc (3.9).....	4BD1-T, Turbo,Diesel		L4	82-94	22
2180cc (2.2).....	OHV (Chev. Eng.)	4	L4	96-00	9	256 (4.2).....		S	L6	03-06	23
2180cc (2.2).....	OHV (Chev. Eng.)	5	L4	00-00	9	4294cc (4.3).....	OHV (Chevrolet Eng)	X	V6	97-00	24
2180cc (2.2).....	(X22SE)		L4	98-00	10	4334cc (4.3).....	4HF1,Diesel		L4		25
2180cc (2.2).....	(X22SE)	D	L4	01-03	10	4570cc (4.6).....	4HG1,Diesel		L4		25
2189cc (2.2).....	4FD1,Diesel		L4	84-88	3	4985cc (5.0).....	4HJ1,Diesel		L4		25
2207cc (2.2).....	C221,Diesel		L4	68-79	11	323 (5.3).....		M	V8	05-05	26
2234cc (2.3).....	(F23A7)		L4	99-99	13	323 (5.3).....		P	V8	03-04	26
2238cc (2.2).....	C223,Diesel	S	L4	81-87	12	325 (5.3).....		M	V8	06-06	26
2238cc (2.2).....	C223, Turbo,Diesel	U	L4	86-87	12	5393cc (5.4).....	6BB1,Diesel		L6	72-90	27
2254cc (2.3).....	F23A7		L4	98-98	13	5785cc (5.8).....	6BD1,Diesel		L6	77-90	27
2254cc (2.3).....	4ZD1	L	L4	86-95	4	5785cc (5.8).....	6BD1-T, Turbo,Diesel		L6	79-88	27
2369cc (2.4).....	C240,Diesel		L4	69-88	11	6130cc (6.2).....	6BF1,Diesel		L6	80-88	27
2499cc (2.5).....	4JA1,Diesel		L4	85-90	14	6494cc (6.5).....	6BG1,Diesel		L6	84-88	27

**ISUZU MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
AMIGO		2180	2.2		99-00	OASIS - LS	2156	2.2	2.2	Honda F22B6	96-97
		2254	2.3	4ZD1	89-93	OASIS - S	2156	2.2	2.2	Honda F22B6	96-97
		2559	2.6	4ZE1	89-94	PICKUP	1817	1.8	1.8	G180Z	81-82
		3165	3.2	6VD1 DOHC	98		1949	1.9	1.9	G200Z	83-86
		3165	3.2	DOHC	99-00		2238	2.2	2.2	C223	81-87
ASCENDER	256		4.2		03-06		2254	2.3	2.3	4ZD1	86-95
	323		5.3		03-04		2559	2.6	2.6	4ZE1	88-94
ASCENDER - LIMITED	323		5.3		05	PICKUP - 1 TON	2559	2.6	2.6	4ZE1	88-92
ASCENDER - LS	256		4.2		05-06	PICKUP - NORMAL					
	323		5.3		05	CAB	1949	1.9	1.9	G200Z	87
	325		5.3		06		2238	2.2	2.2	C223	87
ASCENDER - S	256		4.2		05		2254	2.3	2.3	4ZD1	87-95
	323		5.3		05		2559	2.6	2.6	4ZE1	88-95
AXIOM		3475	3.5		02		3137	3.1	3.1	LG6 (Chevrolet Eng.)	91-94
		3491	3.5		03-04						
HOMBRE		2180	2.2	OHV (Chev. Eng.)	96-00	RODEO	2180	2.2	2.2		98-03
		4294	4.3	OHV (Chevrolet Eng)	97-00		2559	2.6	2.6	4ZE1	91-97
I-280	169	2770	2.8		06		3137	3.1	3.1	LG6 (Chevrolet Eng.)	91-92
I-350	211	3460	3.5		06						
I-MARK		1471	1.5	4XC1	85-89		3165	3.2	3.2	6VD1 SOHC	93-97
		1471	1.5	4XC1-T	87-89		3165	3.2	3.2	DOHC	98-04
		1588	1.6	4XE1W/RLK	89	RODEO SPORT	2180	2.2	2.2		01-03
		1817	1.8	4FB1	81-83		3165	3.2	3.2	DOHC	01-03
		1817	1.8	G180Z	81-84	STYLUS - S	1588	1.6	1.6	4XE1V/RLR	91-93
I-MARK - DLX		1817	1.8	4FB1	84	STYLUS - XS	1588	1.6	1.6	4XE1W/RLK	91
		1817	1.8	G180Z	84-85	TROOPER	1949	1.9	1.9	G200Z	84-85
IMPULSE		1588	1.6	4XE1W/RLK	90		2238	2.2	2.2	C223	84-87
		1949	1.9	G200Z	83-87		2254	2.3	2.3	4ZD1	86-87
		1994	2.0	4ZC1-T	85-89		2559	2.6	2.6	4ZE1	88-91
		2254	2.3	4ZD1	88-89		2827	2.8	2.8	LL2 (Chevrolet Eng.)	89-91
IMPULSE - RS		1588	1.6	4XE1WT/RLK	91-92		3475	3.5	3.5		98-02
IMPULSE - XS		1588	1.6	4XE1W/RLK	91	TROOPER - LS	3165	3.2	3.2	6VD1 DOHC	92-95
OASIS		2234	2.3		99		3165	3.2	3.2	6VD1 SOHC	97
		2254	2.3	F23A7	98	TROOPER - LTD	3165	3.2	3.2	6VD1 SOHC	97
						TROOPER - RS	3165	3.2	3.2	6VD1 DOHC	93-95
						TROOPER - S	3165	3.2	3.2	6VD1 SOHC	92-97
						VEHICROSS	3475	3.5	3.5		99-01

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>1</b>
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
1325cc (1.3) G130 1584cc (1.6) G161/WZ			L4 L4	75mm x 75mm 82mm x 75mm	Connecting Rod 42-45 ft.lbs/57-61 Nm Main Bearing 58-86 ft.lbs/79-116Nm				
<b>Rod</b>									
	48.925/1.9262 48.940/1.9268	51.985/2.0466 52.000/2.0472	1.513/0.0596	.019/.0007 .075/.0030	22.09/0.870	F780	8	2816 IH	<b>4B2816</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,3,5	55.920/2.2016 55.935/2.2022	58.980/2.3220 59.000/2.3228	1.513/0.0596	.019/.0007 .080/.0031	32.13/1.265	F780	6	2817 IH	<b>5M2817</b> Std. .25 .50 .75 1.0
2,4	55.920/2.2016 55.935/2.2022	58.980/2.3220 59.000/2.3228	1.513/0.0596	.019/.0007 .080/.0031	21.08/0.830	F780	4	2818 IH	
<b>Thrust</b>									
3	62.610/2.4650 62.860/2.4748	79.950/3.1476 80.200/3.1575			2.36/0.093	F817	2	3286T IH	<b>1T3286</b> Std.
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M2817 main set.</i>									
<b>Cam - for SOHC engines with 1.770" shaft only.</b>									
1,2,3	44.975/1.7707 (Nominal)	48.010/1.8902 48.030/1.8909	1.500/0.0591	.035/.0014 .095/.0037	25.42/1.001	F23	3	6127	<b>3C6127</b> Std.
<b>AR Auxiliary</b>									
1,2,3		47.993/1.8895	1.488/0.0586		25.00/0.984	F23	3	AGB-14-1	<b>3C1190S</b> Std.
<b>ENGINE</b>									<b>2</b>
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
1471cc (1.5) 4XC1			7	L4	Connecting Rod 24-27 ft.lbs/33-37 Nm				
1471cc (1.5) 4XC1-T Turbo			9	L4	Main Bearing 61-69 ft.lbs/83-93 Nm				
1471cc (1.5) 4XC1			K	L4					
1588cc (1.6) 4XE1WT/RLK Turbo			4	L4					
1588cc (1.6) 4XE1W/RLK			5	L4					
1588cc (1.6) 4XE1V/RLR			6	L4					
<b>Rod</b>									
	39.929/1.5720 39.945/1.5726	42.980/1.6921 43.000/1.6929	1.506/0.0593		17.00/0.669	F780	8	1870 IH	<b>4B1870</b> Std. .25 .50 .75
<b>Main - 1990-93 with 2.044" crankshaft journal.</b>									
1,2,3,4,5	51.915/2.0439 51.938/2.0448	55.976/2.2038 55.989/2.2043	2.009/0.0791	.020/.0008 .082/.0032	17.13/0.674	F780	10	1867 U/L	<b>5M1867</b> Std. .25 .50
<b>Main - 1985-90 with 1.887" crankshaft journal.</b>									
1-5	47.918/1.8865 47.938/1.8873	51.976/2.0463 52.000/2.0472	2.010/0.0791	.018/.0007 .089/.0035	17.00/0.669	F780	10	1869 U/L	<b>5M1869</b> Std. .25 .50 .75
<b>Thrust</b>									
3	59.000/2.3228 59.000/2.3228	73.596/2.8975 73.850/2.9075			2.21/0.087	F817	2	1867T IH	<b>1T1867</b> Std.
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1867 main set.</i>									
<b>Thrust</b>									
3	54.700/2.1535 54.900/2.1614	69.700/2.7441 69.900/2.7520			2.20/0.087	F250	2	1869T IH	<b>1T1869</b> Std.
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1869 main set.</i>									
<b>ENGINE</b>									<b>3</b>
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
1487cc (1.5) 4FA1 Diesel			L4	76mm x 82mm	Connecting Rod 58-65 ft.lbs/79-88 Nm				
1817cc (1.8) 4FB1 Diesel			L4	84mm x 82mm	Main Bearing 65-72 ft.lbs/88-98 Nm				
1817cc (1.8) 4FB1 Diesel			P	L4					
1995cc (2.0) 4FC1 Diesel			L4	84mm x 90mm					
2189cc (2.2) 4FD1 Diesel			L4	88mm x 90mm					
<b>Rod</b>									
	48.924/1.9261 48.936/1.9266	51.972/2.0461 51.985/2.0466	1.509/0.0594	.015/.0006 .066/.0026	22.00/0.866	F780	8	1881 IH	<b>4B1881</b> Std. .25 .50 .75 1.0

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>3 (Cont'd.)</b>										
<b>5M1883</b> Std. .25 .50 .75 1.0	<b>Main</b>									
	1,2,4,5	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.013/0.0793	.023/.0009 .081/.0032	21.75/0.856	F810	8	1882A U/L	
	3	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.013/0.0793	.023/.0009 .081/.0032	21.75/0.856	F810	1	1882A U	
	3	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.013/0.0793	.023/.0009 .081/.0032	21.75/0.856	F810	1	1883A L	
	<b>Thrust - for engines 8/82 on only.</b>									
	<b>1T1824</b> Std.	3	63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570			2.36/0.093	F817	2	1824T IH
<i>Note: Sets include two pieces, use on No. 3 position. Required with 5M1883 main set.</i>										
<b>Thrust - for engines to 7/82 only.</b>										
<b>1T3286</b> Std.	3	62.610/2.4650 62.860/2.4748	79.950/3.1476 80.200/3.1575			2.36/0.093	F817	2	3286T IH	
<i>Note: Sets include two pieces, use on No. 3 position. Required with 5M1883 main set.</i>										
<b>Cam - for 4FB1 &amp; 4FC1 engines only.</b>										
<b>5C8083</b> Std.	1-5	29.975/1.1801 (Nominal)	31.025/1.2215 (Nominal)	1.501/0.0591		16.00/0.630	F23	5	8083	
<b>Small End - all engines except 4FD1 (single pieces).</b>										
<b>RB4072</b> Semi		25.000/0.9843 (Nominal)	28.025/1.1033 (Nominal)	1.529/0.0602		26.75/1.053	F100	1	RB4072	

<b>4 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
1584cc (1.6) 4ZA1		L4	82mm x 75mm	Connecting Rod 43 ft.lbs/58 Nm Main Bearing 72 ft.lbs/98 Nm
1817cc (1.8) 4ZB1		L4	84mm x 82mm	
1994cc (2.0) 4ZC1-T Turbo	F	L4	88mm x 82mm	
2254cc (2.3) 4ZD1	L	L4	89.3mm x 90mm	

<b>4B2821</b> Std. .25 .50 .75 1.0 1.25 1.50	<b>Rod</b>								
		48.925/1.9262 48.940/1.9268	51.987/2.0467 52.000/2.0472	1.513/0.0596	.021/.0008 .076/.0030	22.00/0.866	F810	8	2821A IH
<b>5M1882</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.013/0.0793	.022/.0009 .081/.0032	21.75/0.856	F810	10	1882A IH
<b>1T1824</b> Std.	<b>Thrust</b>								
	3	63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570			2.36/0.093	F817	2	1824T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1882 main set.</i>									

<b>5 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
1817cc (1.8) G180Z	B	L4	84mm x 82mm	Connecting Rod 43 ft.lbs/58 Nm Main Bearing 72 ft.lbs/98 Nm
1817cc (1.8) G180Z	N	L4	84mm x 82mm	

<b>4B2816</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		48.925/1.9262 48.940/1.9268	51.985/2.0466 52.000/2.0472	1.513/0.0596	.019/.0007 .075/.0030	22.09/0.870	F780	8	2816 IH
<b>5M2817</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,3,5	55.920/2.2016 55.935/2.2022	58.980/2.3220 59.000/2.3228	1.513/0.0596	.019/.0007 .080/.0031	32.13/1.265	F780	6	2817 IH
	2,4	55.920/2.2016 55.935/2.2022	58.980/2.3220 59.000/2.3228	1.513/0.0596	.019/.0007 .080/.0031	21.08/0.830	F780	4	2818 IH
	<b>Thrust</b>								
<b>1T3286</b> Std.	3	62.610/2.4650 62.860/2.4748	79.950/3.1476 80.200/3.1575			2.36/0.093	F817	2	3286T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M2817 main set.</i>									
<b>3C1190S</b> Std.	<b>AR Auxiliary</b>								
	1,2,3		47.993/1.8895	1.488/0.0586		25.00/0.984	F23	3	AGB-14-1

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						6
1949cc (1.9) G200Z	A	L4	87mm x 82mm	Connecting Rod 43 ft.lbs/58 Nm Main Bearing 72 ft.lbs/98 Nm						

**Rod**

	48.925/1.9262	51.987/2.0467	1.513/0.0596	.021/.0008	22.00/0.866	F810	8	2821A IH	4B2821 Std. .25 .50 .75 1.0 1.25 1.50
	48.940/1.9268	52.000/2.0472		.076/.0030					

**Main - for 1986-88 engines (all mains .856" wide).**

1-5	55.919/2.2015	59.980/2.3614	2.013/0.0793	.022/.0009	21.75/0.856	F810	10	1882A IH	5M1882 Std. .25 .50 .75 1.0
	55.932/2.2020	60.000/2.3622		.081/.0032					

**Main - for 1983-85 engines.**

1,3,5	55.920/2.2016	58.980/2.3220	1.513/0.0596	.019/.0007	32.13/1.265	F780	6	2817 IH	5M2817 Std. .25 .50 .75 1.0
	55.935/2.2022	59.000/2.3228		.080/.0031					
2,4	55.920/2.2016	58.980/2.3220	1.513/0.0596	.019/.0007	21.08/0.830	F780	4	2818 IH	
	55.935/2.2022	59.000/2.3228		.080/.0031					

**Thrust - for 1986-87 engines.**

3	63.750/2.5098	79.934/3.1470			2.36/0.093	F817	2	1824T IH	1T1824 Std.
	64.000/2.5197	80.188/3.1570							

Note: Set includes two pieces, use on No. 3 position. Required with 5M1882 main set.

**Thrust - for 1983-85 engines.**

3	62.610/2.4650	79.950/3.1476			2.36/0.093	F817	2	3286T IH	1T3286 Std.
	62.860/2.4748	80.200/3.1575							

Note: Set includes two pieces, use on No. 3 position. Required with 5M2817 main set.

**AR Auxiliary**

1,2,3		47.993/1.8895	1.488/0.0586		25.00/0.984	F23	3	AGB-14-1	3C1190S Std.
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						7
1951cc (2.0) C190 Diesel		L4	86mm x 84mm	Connecting Rod 62 ft.lbs / 84 Nm Mains 125 ft.lbs / 170 Nm						

**Rod - 0.886" wide bearings.**

	52.918/2.0834	55.980/2.2039	1.513/0.0596	.020/.0008	22.50/0.886	F780	8	1320 IH	4B1320 Std. .25 .50 .75 1.0
	52.930/2.0839	56.000/2.2047		.079/.0031					

**Rod - 0.846" wide bearings.**

	52.918/2.0834	55.980/2.2039	1.508/0.0594	.034/.0013	21.50/0.846	F780	8	1830 IH	4B1830 Std. .25 .50 .75
	52.930/2.0839	56.000/2.2047		.092/.0036					

**Main - for 6/83 - 1988 engines only.**

1,5	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	27.65/1.089	F780	4	1188 IH	5M1188 Std. .25 .50 .75
	59.932/2.3595	64.000/2.5197		.074/.0029					
2,4	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	23.13/0.911	F780	4	1194 IH	
	59.932/2.3595	64.000/2.5197		.074/.0029					
3	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	28.85/1.136	F780	2	1189 IH	
	59.932/2.3595	64.000/2.5197		.074/.0029					

**Main - for 1972-5/83 engines only.**

1,5	59.920/2.3591	63.975/2.5187	2.013/0.0793	.017/.0007	31.10/1.224	F780	4	1193 IH	5M1193 Std. .25 .50 .75
	59.932/2.3595	64.000/2.5197		.079/.0031					
2,4	59.920/2.3591	63.975/2.5187	2.013/0.0793	.017/.0007	23.13/0.911	F780	4	1194 IH	
	59.932/2.3595	64.000/2.5197		.079/.0031					
3	59.920/2.3591	63.975/2.5187	2.013/0.0793	.017/.0007	38.10/1.500	F780	2	1195 IH	
	59.932/2.3595	64.000/2.5197		.079/.0031					

**Thrust**

3	72.260/2.8449	86.610/3.4098			2.49/0.098	F817	2	1192T IH	1T1192 Std.
	72.520/2.8551	86.870/3.4201							

Note: Set includes two pieces, use on No. 3 position. Required with 5M1193/5M1188 main sets.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>7 (Cont'd.)</b>										
<b>3C8116</b> Std.	<b>Cam - for 1972-81 engines only.</b>									
	1	47.960/1.8882 47.970/1.8886	52.020/2.0480 52.040/2.0488	2.019/0.0795	.012/.0005 .066/.0026	25.75/1.014	F23	1	8116	
	2	47.960/1.8882 47.970/1.8886	52.020/2.0480 52.040/2.0488	2.019/0.0795	.012/.0005 .066/.0026	25.75/1.014	F23	1	8117	
	3	47.960/1.8882 47.970/1.8886	52.020/2.0480 52.040/2.0488	2.019/0.0795	.012/.0005 .066/.0026	25.75/1.014	F23	1	8118	
	<b>Cam - for 1982-88 engines only.</b>									
	<b>3C8127</b> Std.	1	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/0.0798		22.23/0.875	F23	1	8127
2		47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/0.0798		22.23/0.875	F23	1	8128	
3		47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/0.0798		22.23/0.875	F23	1	8129	
<b>Small End - single pieces. For 1972-81 engines only.</b>										
<b>RB4058</b> Semi			26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.730/0.0681		33.48/1.318	F100	1	RB4058

<b>8 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>2156cc (2.2) Honda F22B6</b>	<b>4</b>	<b>L4</b>	<b>85mm x 95mm</b>	<b>Connecting Rod 34 ft.lbs/46 Nm Main Bearing 52 ft.lbs/70 Nm</b>					

<b>4B1936</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.955/1.8880 47.976/1.8888	51.003/2.0080 51.024/2.0088	1.504/0.0592	.020/.0008 .086/.0034	19.40/0.764	F780	8	1936 IH
<b>5M1937</b> Std. .25 .50	<b>Main</b>								
	1-5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/0.0789		20.00/0.787	F780	10	1937 IH
<b>1T1937</b> Std.	<b>Thrust</b>								
	4	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650			2.49/0.098	F817	2	1937T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M1937 main set.</i>									

<b>9 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>2180cc (2.2) OHV (Chev. Eng.)</b>	<b>4</b>	<b>L4</b>	<b>3.50 x 3.46</b>	<b>Connecting Rod 38 ft.lbs/51 Nm Main Bearing 70 ft.lbs/95 Nm</b>					
<b>2180cc (2.2) OHV (Chev. Eng.)</b>	<b>5</b>	<b>L4</b>	<b>3.50 x 3.46</b>						

<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH
<b>5M7124P</b> Std. .25 .50 .75 1.0	<b>Main - for Trucks (1996-97). (This set contains shells that have the same tang location for positions #1,2,3 &amp; 5)</b>								
	1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	8	7123 IH
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5M7164P</b> Std. .25 .50 .75 1.0	<b>Main - for Trucks (1998 on). Different tang location for #3 position bearing.</b>								
	1,2,5	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/0.0954	.021/.0008 .097/.0038	18.72/0.737	F780	6	7123 IH
	3	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/0.0954	.021/.0008 .097/.0038	20.75/0.817	F780	2	7164 IH
	4 (FI)	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/0.0954	.021/.0008 .097/.0038	23.93/0.942	F780	2	7124 IH
<i>Overflange length remains constant for standard and undersizes.</i>									



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 9**
**Main - Alt set to 5M7164P with +0.010" overflange length increase. \* See dimensional information below.**

1,2,5	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	18.72/0.737	F780	6	7123 IH	<b>5M7183P</b> Std. .25 .50 .75 1.0
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038					
3	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	20.75/0.817	F780	2	7164 IH	
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038					
4 (FI)	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	24.18/0.952	F780	2	7183 IH	
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038					

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M7183P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.283/2.0190	1.880/0.0741	16.00/0.630	F23	1	CH-19-1	<b>5C1195S</b> Std.
	47.490/1.8697	51.308/2.0200						
2,5	47.440/1.8677	51.029/2.0090	1.750/0.0691	16.00/0.630	F23	2	CH-18-4	
	47.490/1.8697	51.079/2.0110						
3,4	47.440/1.8677	50.775/1.9990	1.630/0.0640	16.13/0.635	F23	2	CH-18-2	
	47.490/1.8697	50.825/2.0010						

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**2180cc (2.2) (X22SE)**
**D**
**L4**
**86mm x 94.6mm**
**Connecting Rod 25 ft.lbs / 35 Nm + 45 deg + 15 deg**
**2180cc (2.2) (X22SE)**
**D**
**L4**
**86mm x 94.6mm**
**Tighten in three stages**
**Main Bearing 37 ft.lbs / 50 Nm + 45 deg + 15 deg Tighten in three stages**
**10**
**Rod**

	48.971/1.9280	52.000/2.0472	1.500/0.0591	.013/.0005	19.30/0.760	F810	8	2322A U/L	<b>4B2322A</b> Std. .25 .50 .75 1.0
	48.987/1.9286	52.012/2.0477		.057/.0022					

*Supercedes 4B1408P.*
**Main - two oil holes in flange bearing.**

1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	19.50/0.768	F780	8	2327 IH	<b>5M2325</b> Std. .25 .50 .75 1.0
	57.995/2.2833	62.013/2.4415		.066/.0026					
3 (FI)	57.974/2.2824	60.000/2.3622	1.995/0.0785		25.90/1.020	F780	2	2325 IH	
	57.995/2.2833	60.013/2.3627							

*Overflange length increases for undersizes. \*See below for dimensional information.*
**\* DIMENSIONAL INFORMATION FOR 5M2325**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.028"/26.10mm	+ .008"/0.20mm
0.50 mm u/s shaft	1.036"/26.30mm	+ .016"/0.40mm
0.75 mm u/s shaft	1.036"/26.30mm	+ .016"/0.40mm
1.00 mm u/s shaft	1.036"/26.30mm	+ .016"/0.40mm

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**2207cc (2.2) C221 Diesel**
**L4**
**83mm x 102mm**
**Connecting Rod 56-59 ft.lbs/76-80 Nm**
**2369cc (2.4) C240 Diesel**
**L4**
**86mm x 102mm**
**Main Bearing 115-130 ft.lbs/156-176 Nm**
**11**
**Rod - 0.886" wide bearings.**

	52.918/2.0834	55.980/2.2039	1.513/0.0596	.020/.0008	22.50/0.886	F780	8	1320 IH	<b>4B1320</b> Std. .25 .50 .75 1.0
	52.930/2.0839	56.000/2.2047		.079/.0031					

**Rod - 0.846" wide bearings.**

	52.918/2.0834	55.980/2.2039	1.508/0.0594	.034/.0013	21.50/0.846	F780	8	1830 IH	<b>4B1830</b> Std. .25 .50 .75
	52.930/2.0839	56.000/2.2047		.092/.0036					

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>11 (Cont'd.)</b>									
<b>5M1322</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,5	69.920/2.7528	73.980/2.9126	2.014/0.0793	.022/.0009	30.63/1.206	F780	4	1322
		69.930/2.7531	74.000/2.9134		.079/.0031				IH
	2,4	69.920/2.7528	73.980/2.9126	2.014/0.0793	.022/.0009	21.53/0.848	F780	4	1323
		69.930/2.7531	74.000/2.9134		.079/.0031				IH
	3	69.920/2.7528	73.980/2.9126	2.014/0.0793	.022/.0009	36.13/1.422	F780	2	1324
69.930/2.7531		74.000/2.9134		.079/.0031				IH	
<b>1T1893</b> Std.	<b>Thrust</b>								
	3	78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496			2.48/0.098	F817	2	1893T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1322 main set.</i>									
<b>3C8116</b> Std.	<b>Cam - for 1968-81 engines only.</b>								
	1	47.960/1.8882	52.020/2.0480	2.019/0.0795	.012/.0005	25.75/1.014	F23	1	8116
		47.970/1.8886	52.040/2.0488		.066/.0026				
	2	47.960/1.8882	52.020/2.0480	2.019/0.0795	.012/.0005	25.75/1.014	F23	1	8117
		47.970/1.8886	52.040/2.0488		.066/.0026				
	3	47.960/1.8882	52.020/2.0480	2.019/0.0795	.012/.0005	25.75/1.014	F23	1	8118
47.970/1.8886		52.040/2.0488		.066/.0026					
<b>3C8127</b> Std.	<b>Cam - for 1982-88 engines.</b>								
	1	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8127
		47.970/1.8886	52.034/2.0486						
	2	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8128
		47.970/1.8886	52.034/2.0486						
	3	47.940/1.8874	51.999/2.0472	2.027/0.0798		22.23/0.875	F23	1	8129
47.970/1.8886		52.034/2.0486							
<b>RB4013</b> Std.	<b>Small End - I.D. bored, single pieces. For C221 engines only.</b>								
		24.995/0.9841 25.000/0.9843	27.995/1.1022 28.000/1.1024	1.727/0.0680		34.29/1.350	F100	1	RB4013
<b>RB4058</b> Semi	<b>Small End - I.D. bored, single pieces. For 1969-81 C240 engines only.</b>								
		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.730/0.0681		33.48/1.318	F100	1	RB4058

<b>12 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>2238cc (2.2) C223 Diesel</b>	<b>S</b>	<b>L4</b>	<b>88mm x 92mm</b>	<b>Connecting Rod 58-65 ft.lbs/79-88 Nm</b>					
<b>2238cc (2.2) C223 Turbo Diesel</b>	<b>U</b>	<b>L4</b>	<b>88mm x 92mm</b>	<b>Main Bearing 116-130 ft.lbs/158-177 Nm</b>					

<b>4B1320</b> Std. .25 .50 .75 1.0	<b>Rod - Naturally Aspirated engines only.</b>								
		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.513/0.0596	.020/.0008 .079/.0031	22.50/0.886	F780	8	1320 IH
<b>4B1830</b> Std. .25 .50 .75	<b>Rod - Turbo engines only.</b>								
		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.508/0.0594	.034/.0013 .092/.0036	21.50/0.846	F780	8	1830 IH
<b>5M1188</b> Std. .25 .50 .75	<b>Main - Naturally Aspirated engines only.</b>								
	1,5	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	27.65/1.089	F780	4	1188
		59.932/2.3595	64.000/2.5197		.074/.0029				IH
	2,4	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	23.13/0.911	F780	4	1194
		59.932/2.3595	64.000/2.5197		.074/.0029				IH
	3	59.920/2.3591	63.975/2.5187	2.017/0.0794	.013/.0005	28.85/1.136	F780	2	1189
59.932/2.3595		64.000/2.5197		.074/.0029				IH	
<b>5M1827</b> Std. .25 .50 .75	<b>Main - Turbo engines only.</b>								
	1,5	59.920/2.3591	63.975/2.5187	2.012/0.0792	.023/.0009	27.65/1.089	F780	4	1827
		59.932/2.3595	64.000/2.5197		.084/.0033				U/L
	2,4	59.920/2.3591	63.975/2.5187	2.012/0.0792	.023/.0009	21.13/0.832	F780	4	1829
		59.932/2.3595	64.000/2.5197		.084/.0033				U/L
	3	59.920/2.3591	63.975/2.5187	2.012/0.0792	.023/.0009	28.85/1.136	F780	2	1828
59.932/2.3595		64.000/2.5197		.084/.0033				U/L	
<b>1T1192</b> Std.	<b>Thrust</b>								
	3	72.260/2.8449 72.520/2.8551	86.610/3.4098 86.870/3.4201			2.49/0.098	F817	2	1192T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1188/5M1827 main sets.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 12**

**Cam**

1	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/0.0798		22.23/0.875	F23	1	8127	<b>3C8127</b> Std.
2	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/0.0798		22.23/0.875	F23	1	8128	
3	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/0.0798		22.23/0.875	F23	1	8129	

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**2234cc (2.3) (F23A7)**  
**2254cc (2.3) F23A7**
**L4**
**86mm x 97mm**
**L4**
**86mm x 97mm**
**Connecting Rod 34 ft.lbs/45 Nm**  
**Main Bearing 22 ft.lbs/30 Nm Stage 1**  
**Main Bearing 58 ft.lbs/78 Nm Stage 2**

**13**

**Rod - Race Series material.**

	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/0.0591	.032/.0013 .050/.0020	15.50/0.610	F781	8	1906H IH	<b>4B1906H</b> Std. .025 .25 .50
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**Rod - Race Series material - bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized cranks.**

	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/0.0586	.046/.0018 .063/.0025	15.50/0.610	F781	8	1906HX IH	<b>4B1906HX</b> Std.
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**Main**

1-5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/0.0790	.005/.0002 .072/.0028	20.00/0.787	F780	10	1957 IH	<b>5M1957</b> Std. .25 .50 .75 1.0
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**Thrust**

4	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283			2.50/0.098	F817	2	1957T IH	<b>1T1957</b> Std.
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Note: Set includes two pieces, use on No. 4 position. Required with 5M1937 main set.

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**2499cc (2.5) 4JA1 Diesel**  
**2771cc (2.8) 4JB1 Diesel**  
**2771cc (2.8) 4JB1-T Turbo Diesel**
**L4**
**93mm x 92mm**
**L4**
**93mm x 92mm**
**L4**
**93mm x 92mm**
**Connecting Rod 59-65 ft.lbs/80-88 Nm**  
**Main Bearing 123 ft.lbs/167Nm**

**14**

**Rod**

	52.930/2.0839 (Nominal)	56.000/2.2047 (Nominal)	1.513/0.0596		25.83/1.017	F820	8	1890AL IH	<b>4B1890</b> Std. .25 .50 .75 1.0
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Note: The crankshafts in these engines have been hardened by Nitriding or Tuftriding by the manufacturer and this hardness must be maintained after grinding the shaft.

**Main - for 4JA1 engines only.**

1,2,3,4,5	59.920/2.3591 59.930/2.3594	63.987/2.5192 64.000/2.5197	2.004/0.0789	.049/.0019 .098/.0039	23.03/0.907	F820	10	1892AL U/L	<b>5M1892</b> Std. .25 .50 .75 1.0
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**Main - for 4JB1 engines only.**

1,2,3,4,5	69.920/2.7528 69.930/2.7531	73.975/2.9124 74.000/2.9134	2.004/0.0789	.037/.0015 .098/.0039	23.03/0.907	F780	10	1893 U/L	<b>5M1893</b> Std. .25 .50 .75 1.0
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**Thrust - for 4JA1 engines only.**

3	72.260/2.8449 72.520/2.8551	86.610/3.4098 86.870/3.4201			2.49/0.098	F817	2	1192T IH	<b>1T1192</b> Std.
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Note: Set includes two pieces, use on No. 3 position. Required with 5M1892 main sets.

**Thrust - for 4JB1 engines only.**

3	78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496			2.48/0.098	F817	2	1893T IH	<b>1T1893</b> Std.
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Note: Set includes two pieces, use on No. 3 position. Required with 5M1893 main set.

**Cam**

1	49.975/1.9675 (Nominal)	54.036/2.1274 (Nominal)	2.025/0.0797		25.00/0.984	F23	1	8084	<b>3C8084</b> Std.
2, 3	49.975/1.9675 (Nominal)	54.036/2.1274 (Nominal)	2.025/0.0797		22.00/0.866	F23	2	8085	

**Small End - Not bored, single pieces. Suits 4JA1 (85-90), 4JB1 (85-90) & 4JB1 Turbo engines up to 9/88.**

	30.995/1.2203 31.000/1.2205	37.000/1.4567 (Nominal)			33.00/1.299	F100	1	RB4103	<b>RB4103</b> Semi
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>14 (Cont'd.)</b>									
<b>RB4104</b> Semi	<b>Small End - Not bored, single pieces. Suits 4JB1 Turbo engines from 9/88 on.</b>								
		33.994/1.3383 34.000/1.3386	37.000/1.4567 (Nominal)			33.00/1.299	F100	1	RB4104
<b>15 ENGINE</b>									
<b>2559cc (2.6) 4ZE1</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
		<b>E</b>	<b>L4</b>	<b>92.6mm x 95mm</b>		<b>Connecting Rod 43 ft.lbs/58 Nm Main Bearing 72 ft.lbs/98 Nm</b>			
<b>4B1820</b> Std. .25 .50 .75 1.0	<b>Rod</b>	48.927/1.9263 48.940/1.9268	51.985/2.0466 52.005/2.0474	1.510/0.0594	.025/.0010 .084/.0033	22.00/0.866	F780	8	1820 IH
	<b>Main</b>	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.008/0.0791	.032/.0013 .091/.0036	21.75/0.856	F780	10	1824 U/L
	<b>1T1824</b> Std.	63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570			2.36/0.093	F817	2	1824T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M1824 set.</i>									
<b>16 ENGINE</b>									
<b>169 2770cc (2.8)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
		<b>8</b>	<b>L4</b>	<b>936mm x 101.6mm</b>		<b>Connecting Rod 18 ft.lbs + 110 deg Main Bearing 18 ft.lbs + 180 deg</b>			
<b>4B2290A</b> Std. .25 .50 .75	<b>Rod</b>	56.691/2.2319 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.802/0.0709	.011/.0004 .059/.0023	20.75/0.817	F810	8	2290A IH
	<b>4B2290A/S2</b> .25 .50 .75 1.0	56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ 0.25mm u/size)	.011/.0004 .059/.0023	20.75/0.817	F810	8	9102A IH
<b>17 ENGINE</b>									
<b>2775cc (2.8) 4BA1 Diesel</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
<b>3595cc (3.6) 4BB1 Diesel</b>			<b>L4</b>	<b>98mm x 92mm</b>		<b>Connecting Rod 80-87 ft.lbs/108-118 Nm Main Bearing 167-187 ft.lbs/226-254 Nm</b>			
<b>2B1886</b> Std. .25 .50 .75 1.0 1.25 1.50	<b>Rod - order number of pairs required per engine.</b>	63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/0.0792	.032/.0013 .084/.0033	29.80/1.173	F780	4	1886 IH
	<b>5M1894</b> Std. .25 .50 .75	<b>Main - for engines from 11/85 - 88. Notch width of 4.4mm.</b>	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/0.0994	.031/.0012 .081/.0032	27.80/1.094	F780	9
	3L	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.505/0.0986	.071/.0028 .122/.0048	27.80/1.094	F780	1	1895 L
<b>2T1888</b> Std.	<b>Thrust - for engines from 1973 to 10/85.</b>	84.500/3.3268 (Nominal I.D.)	101.000/3.9764 (Nominal O.D.)			2.50/0.098	F250	4	1888T U/L
	<b>2T1889</b> Std.	<b>Thrust - for engines from 11/85 - 88.</b>	88.000/3.4646 (Nominal I.D.)	101.000/3.9764 (Nominal O.D.)		2.50/0.098	F780	4	1889T U/L
<b>3C8081</b> Std.	<b>Cam - for engines from 1977 - 88.</b>	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/0.0785	.040/.0016 .161/.0063	20.00/0.787	F23	1	8082
		2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/0.0785	.040/.0016 .161/.0063	20.00/0.787	F23	2
<b>4C8081</b> Std.	<b>Cam - for engines from 1973 - 76.</b>	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/0.0785	.040/.0016 .161/.0063	20.00/0.787	F23	1	8082
		2,3,4	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/0.0785	.040/.0016 .161/.0063	20.00/0.787	F23	3

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **17**

**Small End - not bored, single pieces. Suits 4BB1 engines only.**

34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970				38.00/1.496	F100	1	RB4073	<b>RB4073</b> Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>2827cc (2.8) LL2 (Chevrolet Eng.)</b>	<b>R</b>	<b>V6</b>	<b>89mm x 76mm</b>	<b>Connecting Rod 34-40 ft.lbs/47-54 Nm</b>
<b>3137cc (3.1) LG6 (Chevrolet Eng.)</b>	<b>Z</b>	<b>V6</b>	<b>89mm x 84mm</b>	<b>Main Bearing 63-74 ft.lbs/85-101 Nm</b>

**18**

**Rod - High Strength Aluminum Silicon material.**

50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/0.011 .105/0.041	18.29/0.720	F810	12	7116A	<b>6B1238A</b> Std. 01 10 20 30 40
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**Rod - .002" oversize OD version of 6B1238A.**

50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/0.006 .080/0.031	18.29/0.720	F810	12	9036A IH	<b>6B1238AO/S2</b> 10 20 30 40
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**Main - High Strength Aluminum Silicon material.**

1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/0.013 .109/0.043	24.80/0.976	F810	4	7237A U/L	<b>4M2037A</b> Std. .25 .50 .75 1.0
2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/0.013 .109/0.043	18.75/0.738	F810	2	7238A U/L	
3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/0.013 .109/0.043	23.93/0.942	F810	2	7239A U/L	

**Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/0.010 .102/0.040	24.80/0.976	F780	4	7237 U/L	<b>4M7122P</b> .25 .50 .75 1.0
2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/0.010 .102/0.040	18.75/0.738	F780	2	7238 U/L	
3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/0.010 .102/0.040	24.18/0.952	F780	2	7122 U/L	

*To be discontinued when stock exhausted.*

**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102S</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	

**Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102SW</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>19 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
3165cc (3.2) 6VD1 SOHC			V	V6	93.4mm x 77mm	<b>Connecting Rod 40 ft. lbs/54 Nm</b>			
3165cc (3.2) 6VD1 DOHC			W	V6	93.4mm x 77mm	<b>Main Bearing 29 ft.lbs/39 Nm</b> Consult Service			
3165cc (3.2) DOHC (6VD1)				V6	93.4mm x 77mm	Manuals for tightening sequence.			
3165cc (3.2) DOHC (6VD1)			W	V6	93.4mm x 77mm				
3475cc (3.5) (6VE1)				V6	93.4mm x 77mm				
3475cc (3.5) (6VE1)			X	V6	93.4mm x 77mm				
3491cc (3.5) (6VE1)			X	V6	93.4mm x 77mm				
<b>6B1840</b>									
Std. .25 .50 .75 1.0									
<b>Rod</b>									
		53.922/2.1229	56.982/2.2434	1.513/0.0596	.019/.0007	17.12/0.674	F780	12	1840
		53.937/2.1235	57.000/2.2441		.078/.0031				IH
<b>4M1842</b>									
Std. .25 .50 .75 1.0									
<b>Main</b>									
1,4		63.919/2.5165	68.979/2.7157	2.527/0.0995	.025/.0010	18.50/0.728	F780	4	1842
		63.932/2.5170	68.999/2.7165		.084/.0033				IH
2,3		63.919/2.5165	68.979/2.7157	2.527/0.0995	.025/.0010	16.50/0.650	F780	4	1843
		63.932/2.5170	68.999/2.7165		.084/.0033				U/L
<b>1T1842</b>									
Std.									
<b>Thrust</b>									
		71.000/2.7953	97.550/3.8405			1.95/0.077	F817	2	1842T
		71.250/2.8051	97.800/3.8504						IH
<i>Note: Set includes two pieces. Required with 4M1842 main set.</i>									
<b>20 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
3268cc (3.3) 4BC1 Diesel			L4	L4	102mm x 100mm	<b>Connecting Rod 80-87 ft.lbs/108-118 Nm</b>			
3268cc (3.3) 4BC2 Diesel			L4	L4	102mm x 100mm	<b>Main Bearing 167-187 ft.lbs/226-254 Nm</b>			
<b>2B1886</b>									
Std. .25 .50 .75 1.0 1.25 1.50									
<b>Rod - order number of pairs required per engine.</b>									
		63.932/2.5170	68.000/2.6772	2.012/0.0792	.032/.0013	29.80/1.173	F780	4	1886
		63.944/2.5175	68.015/2.6778		.084/.0033				IH
<b>Main - for 4BC1, 10/81-1984. 4BC2, 2/80 on. Notch width of 4.4mm.</b>									
1,2,3U,		75.913/2.9887	81.006/3.1892	2.525/0.0994	.031/.0012	27.80/1.094	F780	9	1894
4,5		75.925/2.9892	81.019/3.1897		.081/.0032				IH
3L		75.913/2.9887	81.006/3.1892	2.505/0.0986	.071/.0028	27.80/1.094	F780	1	1895
		75.925/2.9892	81.019/3.1897		.122/.0048				L
<b>Thrust - for 4BC1, 1979 - 9/81. 4BC2, 2/80 - 10/84.</b>									
4		84.500/3.3268	101.000/3.9764			2.50/0.098	F250	4	1888T
		(Nominal I.D.)	(Nominal O.D.)						U/L
<i>Note: Set includes four pieces, use on No. 4 position.</i>									
<b>Thrust - for 4BC1,10/81-1984. 4BC2 11/84 on.</b>									
4		88.000/3.4646	101.000/3.9764			2.50/0.098	F780	4	1889T
		(Nominal I.D.)	(Nominal O.D.)						U/L
<i>Note: Set includes four pieces, use on No. 4 position.</i>									
<b>3C8081</b>									
Std.									
<b>Cam</b>									
1		55.945/2.2026	60.000/2.3622	1.995/0.0785	.040/.0016	20.00/0.787	F23	1	8082
		55.970/2.2035	60.046/2.3640		.161/.0063				
2,3		55.945/2.2026	60.000/2.3622	1.995/0.0785	.040/.0016	20.00/0.787	F23	2	8081
		55.970/2.2035	60.046/2.3640		.161/.0063				
<b>Small End - for 4BC2 engines only. Not bored, single pieces.</b>									
RB4073		34.995/1.3778	38.000/1.4961			38.00/1.496	F100	1	RB4073
Semi		35.000/1.3780	38.025/1.4970						
<b>21 ENGINE</b>									
211 3460cc (3.5)			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
			6	L5	93mm x 101.6mm	<b>Connecting Rod 18 ft.lbs + 110 deg</b>			
						<b>Main Bearing 18 ft.lbs + 180 deg</b>			
<b>5B2290A</b>									
Std. .25 .50 .75									
<b>Rod</b>									
		56.694/2.2320	60.322/2.3749	1.802/0.0709	.011/.0004	20.75/0.817	F810	10	2290A
		56.707/2.2326	60.338/2.3755		.059/.0023				IH
<b>5B2290AO/S2</b>									
.25 .50 .75 1.0									
<b>Rod - .002" oversize back version of 5B2290A.</b>									
		56.691/2.2319	60.372/2.3768	1.952/0.0769	.011/.0004	20.75/0.817	F810	10	9102A
		56.707/2.2326	60.388/2.3775	(@ 0.25mm u/size)	.059/.0023				IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
3856cc (3.9) 4BD1 Diesel		L4	102mm x 118mm	Connecting Rod 90 ft.lbs					
3856cc (3.9) 4BD1-T Turbo Diesel		L4	102mm x 118mm	Main Bearing 180 ft.lbs					

**22**
**Rod - order number of pairs required per engine.**

63.932/2.5170	68.000/2.6772	2.012/0.0792	.032/.0013	29.80/1.173	F780	4	1886
63.944/2.5175	68.015/2.6778		.084/.0033				IH

**2B1886**  
Std. .25 .50 .75 1.0 1.25 1.50

**Main - notch width of 4.5 mm.**

1,2,3,4,5	79.913/3.1462	85.000/3.3465	2.518/0.0991	.039/.0015	26.28/1.035	F780	10	1884
	79.925/3.1466	85.019/3.3472		.096/.0038				U/L

**5M1884**  
Std. .25 .50 .75

**Thrust**

4	88.000/3.4646	101.000/3.9764			2.50/0.098	F780	4	1889T
	(Nominal I.D.)	(Nominal O.D.)						U/L

**2T1889**  
Std.

*Note: Set includes four pieces, use on No. 4 position. Required with 5M1884 main set.*
**Cam**

1	55.945/2.2026	60.000/2.3622	1.995/0.0785	.040/.0016	20.00/0.787	F23	1	8082
	55.970/2.2035	60.046/2.3640		.161/.0063				
2,3	55.945/2.2026	60.000/2.3622	1.995/0.0785	.040/.0016	20.00/0.787	F23	2	8081
	55.970/2.2035	60.046/2.3640		.161/.0063				

**3C8081**  
Std.

**Small End - not bored, single pieces.**

34.995/1.3778	38.000/1.4961			38.00/1.496	F100	1	RB4073
35.000/1.3780	38.025/1.4970						

**RB4073**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
256 (4.2)	S	L6	93mm x 102mm	Connecting Rod 18 ft.lbs + 110 deg					
				Main Bearing 18 ft.lbs + 180 deg					

**23**
**Rod - High Strength Aluminum Silicon material.**

56.691/2.2319	60.322/2.3749	1.798/0.0708	.011/.0004	20.75/0.817	F810	12	2290A
56.707/2.2326	60.338/2.3755		.059/.0023				IH

**6B2290A**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 6B2290A.**

56.691/2.2319	60.372/2.3768	1.952/0.0769	.011/.0004	20.75/0.817	F810	12	9102A
56.707/2.2326	60.388/2.3775	(@ .25mm u/s)	.059/.0023				IH

**6B2290AO/S2**  
.25 .50 .75 1.0

**Main**

1,2,3,4,6,7	69.967/2.7546	78.069/3.0736	4.044/0.1592	.007/.0003	20.68/0.814	F820	12	MB3781P
	69.982/2.7552	78.087/3.0743		.050/.0020				U/L
5 (FI)	69.967/2.7546	78.069/3.0736	4.044/0.1592	.007/.0003	25.35/0.998	F820	2	MB3782P
	69.982/2.7552	78.087/3.0743		.050/.0020				U/L

**7M2224A**  
Std. 10 20

**Small End**

22.997/0.9054	25.857/1.0180	1.372/0.0540		23.75/0.935	F100	1	223-3664
23.000/0.9055							

**AB3664**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
4294cc (4.3) OHV (Chevrolet Eng)	X	V6	4.000 x 3.484	Connecting Rod 45 ft.lbs/61 Nm					
				Main Bearing 70 ft.lbs/95 Nm					

**24**
**Rod - High Strength Aluminum Silicon material.**

57.130/2.2492	60.317/2.3747	1.575/0.0620	.022/.0009	18.92/0.745	F810	12	7111A
57.145/2.2498	60.342/2.3757		.089/.0035				

**6B1358A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 6B1358A.**

57.130/2.2492	60.368/2.3767	1.613/0.0635	.022/.0009	18.92/0.745	F810	12	9042A
57.145/2.2498	60.393/2.3777	(@ .010" u/s)	.089/.0035				IH

**6B1358AO/S2**  
10 20 30 40

**Rod**

57.130/2.2492	60.317/2.3747	1.575/0.0620	.022/.0009	18.92/0.745	F780	12	7111
57.145/2.2498	60.342/2.3757		.089/.0035				IH

**6B1358P**  
Std. 01 10 20 30 40 50 60

**Main - High Strength Aluminum Silicon material.**

1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F810	6	2377A
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
4	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	43.64/1.718	F810	2	2378A
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**4M1454A**  
Std. 01 10 20 30 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.		
<b>24 (Cont'd.)</b>											
<b>4M1454P</b> Std. 01 10 20 30 40	<b>Main</b>										
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L		
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L		
	<i>Overflange length remains constant for standard and undersizes.</i>										
	<b>Main - optional set to 4M1454P with +0.020" overflange length increase. *See dimensional information below.</b>										
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L		
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L		
	<i>To be discontinued when stock exhausted.</i>										
	<b>* DIMENSIONAL INFORMATION FOR 4M1628P</b>										
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				.010" u/s shaft	1.738" +0.020"						
				.020" u/s shaft	1.738" +0.020"						
				.030" u/s shaft	1.738" +0.020"						
				.040" u/s shaft	1.738" +0.020"						
<b>4M1628P</b> 10 20 30 40	<b>Main - optional set to 4M1454P with +0.040" overflange length increase. *See dimensional information below.</b>										
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L		
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.65/1.758	F780	2	2355 U/L		
	<i>Stock not available from fee warehouses.</i>										
	<b>* DIMENSIONAL INFORMATION FOR 4M1684P</b>										
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
					.020" u/s shaft	1.758" +0.040"					
					.030" u/s shaft	1.758" +0.040"					
					.040" u/s shaft	1.758" +0.040"					
	<b>4M1684P</b> 20 30 40	<b>Cam - for 1997-00 engines without ID number "T" on front of block.</b>									
1		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1		
2,4		47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	2	CH-4-2		
3		47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	1	CH-4-3		
<b>Cam - for 1997-00 engines with ID number "T" on front of block.</b>											
1,4		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		19.05/0.750	F23	2	CH-4-1		
2		47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		19.05/0.750	F23	1	CH-4-3		
3		47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		19.05/0.750	F23	1	CH-4-2		
<b>4C1089S</b> Std.		<b>Balance Shaft - Set contains bearing &amp; spacer (does not suit engines with roller bearings)</b>									
		Rear	38.064/1.4986 38.100/1.5000	47.587/1.8735 47.612/1.8745	4.724/0.1860	.013/.0005 .050/.0020	21.21/0.835	F23	1	CHG-15A	
	<b>4C1351S</b> Std.	<b>1BS1400S</b> Std.									
		Rear	38.064/1.4986 38.100/1.5000	47.587/1.8735 47.612/1.8745	4.724/0.1860	.013/.0005 .050/.0020	21.21/0.835	F23	1	CHG-15A	
		<b>25 ENGINE</b>									
		<b>4334cc (4.3) 4HF1 Diesel</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
		<b>4570cc (4.6) 4HG1 Diesel</b>				<b>L4</b>	<b>112mm x 110mm</b>	<b>Connecting Rod 39 Nm + 60 deg + 30 deg</b> Tighten in three steps <b>Main Bearing 132 Nm</b> M14 Cap bolts (Step 2) <b>Main Bearing 37 Nm</b> M10 Crankcase bolts <b>Main Bearing 98 Nm</b> M14 Cap bolts (Step 1) <b>Main Bearing : Turn 30-60 deg</b> M14 Cap bolts (Step 3)			
		<b>4985cc (5.0) 4HJ1 Diesel</b>				<b>L4</b>	<b>115mm x 110mm</b>				
						<b>L4</b>	<b>115mm x 120mm</b>				
		<b>4B1836</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
			65.902/2.5946 65.922/2.5953	69.985/2.7553 70.000/2.7559	2.013/0.0793	.037/.0015 .092/.0036	30.40/1.197	F780	8	1836 IH	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 25**
**Main**

1-5	81.905/3.2246 81.925/3.2254	87.000/3.4252 87.019/3.4259	2.523/0.0993	.029/.0011 .088/.0035	27.25/1.073	F780	10	1837 U/L	<b>5M1837</b> Std. .25 .50 .75
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**Thrust**

	92.700/3.6496 92.950/3.6594	109.750/4.3209 110.000/4.3307			3.00/0.118	F817	1	1837T U	<b>3T1837</b> Std.
	92.700/3.6496 92.950/3.6594	109.750/4.3209 110.000/4.3307			3.00/0.118	F817	2	1838T L	

Note: Set includes three pieces. Required with 5M1837 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>323 (5.3)</b>	<b>M</b>	<b>V8</b>	<b>96mm x 92mm</b>	<b>Connecting Rod 15 ft.lbs + 60 deg.</b>
<b>323 (5.3)</b>	<b>P</b>	<b>V8</b>	<b>96mm x 92mm</b>	<b>Main Bearing 15 ft.lbs + 80 deg Inner</b>
<b>325 (5.3)</b>	<b>M</b>	<b>V8</b>	<b>96mm x 92mm</b>	<b>Main Bearing 18 ft.lbs Side Bolts</b>

**Rod - High Strength Aluminum Silicon material.**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	16	2376A	<b>8B663A</b> Std. 01 10 20 30 40
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**Rod - .002" oversize OD version of 8B663A.**

	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH	<b>8B663AO/S2</b> 10 20 30 40
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**Rod**

	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH	<b>8B663P</b> Std. 01 10 20 30 40 50 60
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**Rod - .002" oversize OD version of 8B663P.**

	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH	<b>8B663PO/S2</b> 10 20 30 40
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**Main - High Strength Aluminum Silicon material.**

1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.006/.0002 .046/.0018	20.45/0.805	F810	8	7298A U/L	<b>5M7298A</b> Std. 10 20 30 40
3 (FI)	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.002/.0001 .046/.0018	26.10/1.028	F810	2	7299A U/L	

**Cam - for engines 2003 with first design (see position 1 & 5 housing bore).**

1,5	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1	<b>5C1000S</b> Std.
2,4	54.991/2.1650 55.042/2.1670	58.829/2.3161 58.879/2.3181	1.880/0.0740		16.00/0.630	F23	2	CH-10-2	
3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3	

**Cam - for engines from 2003-on with second design (see position 1 & 5 housing bore).**

1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/0.0890		16.00/0.630	F23	2	CH-23-1	<b>5C1001S</b> Std.
2,4	54.991/2.1650 54.042/2.1276	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1	
3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>5393cc (5.4) 6BB1 Diesel</b>		<b>L6</b>	<b>102mm x 110mm</b>	<b>Connecting Rod 80-87 ft.lbs/108-118 Nm</b>
<b>5785cc (5.8) 6BD1 Diesel</b>		<b>L6</b>	<b>102mm x 118mm</b>	<b>Main Bearing 174 ft.lbs/236 Nm</b>
<b>5785cc (5.8) 6BD1-T Turbo Diesel</b>		<b>L6</b>	<b>102mm x 118mm</b>	
<b>6130cc (6.2) 6BF1 Diesel</b>		<b>L6</b>	<b>105mm x 118mm</b>	
<b>6494cc (6.5) 6BG1 Diesel</b>		<b>L6</b>	<b>105mm x 125mm</b>	

**Rod - order number of pairs required per engine.**

	63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/0.0792	.032/.0013 .084/.0033	29.80/1.173	F780	4	1886 IH	<b>2B1886</b> Std. .25 .50 .75 1.0 1.25 1.50
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Note: Some 6BB1 series engines have been assembled with larger diameter crankshafts as fitted to the 6BD1 series engine. Therefore please check crankshaft main journals for size before ordering main bearings.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>27 (Cont'd.)</b>									
<b>Main - for engines from 5/80 - 1990 only. Notch width of 4.5mm.</b>									
<b>7M1884</b> Std. .25 .50 .75	1-7	79.913/3.1462	85.000/3.3465	2.518/0.0991	.039/.0015	26.28/1.035	F780	14	1884 U/L
		79.925/3.1466	85.019/3.3472						
<b>Thrust</b>									
<b>2T1889</b> Std.	4	88.000/3.4646 (Nominal I.D.)	101.000/3.9764 (Nominal O.D.)			2.50/0.098	F780	4	1889T U/L
<i>Note: Set includes four pieces, use on No. 4 position. Required with 7M1884 main sets.</i>									
<b>Cam</b>									
<b>6C8081</b> Std.	1	55.945/2.2026	60.000/2.3622	1.995/0.0785	.040/.0016	20.00/0.787	F23	1	8082
		55.970/2.2035	60.046/2.3640						
	2-6	55.945/2.2026	60.000/2.3622	1.995/0.0785	.040/.0016	20.00/0.787	F23	5	8081
		55.970/2.2035	60.046/2.3640						
<b>Small End</b>									
<b>RB4073</b> Semi		34.995/1.3778	38.000/1.4961			38.00/1.496	F100	1	RB4073
		35.000/1.3780	38.025/1.4970						

## JAGUAR ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
151 2483cc (2.5)...	Mark I & II (DOHC)		L6	55-69	1	231 (3.8).....			L6	61-64	1
152 (2.5).....	Duratec		V6	02-05	2	4235cc (4.2).....	DOHC		L6	64-77	3
152 (2.5).....	Duratec	D	V6	03-04	2	4235cc (4.2).....	DOHC		L6	81-87	3
183 (3.0).....	Duratec		V6	05-05	2	4235cc (4.2).....	DOHC	2	L6	81-87	3
183 (3.0).....	Duratec	F	V6	00-04	2	4235cc (4.2).....	DOHC	3	L6	81-87	3
210 3442cc (3.4)...			L6	49-67	1	258 4235cc (4.2)...	DOHC	N	L6	78-80	3
231 3781cc (3.8)...			L6	58-66	1				L6	64-67	3

## JAGUAR MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
2.4	151	2483	2.5	Mark I & II (DOHC)	56-57	XJ	4235	4.2	DOHC		69-71
3.4	210	3442	3.4		57-60	XJ6	4235	4.2	DOHC		72-87
3.8	231	3781	3.8		60-66	XJ6 - C	4235	4.2	DOHC		75-77
3.8 - S	231	3781	3.8		65-66	XJ6 - III	4235	4.2	DOHC		81
340	210	3442	3.4		67	XJ6 - L	4235	4.2	DOHC		75-80
420	258	4235	4.2	DOHC	67	XJ6 - SOVEREIGN	4235	4.2	DOHC		85-87
420 - G	258	4235	4.2	DOHC	67	XK120	210	3442	3.4		49-54
C-TYPE	210	3442	3.4		51-53	XK120 - M	210	3442	3.4		52-54
D-TYPE	210	3442	3.4		54-56	XK140	210	3442	3.4		55-57
MARK IX	210	3442	3.4		59-61	XK140 - M	210	3442	3.4		55-57
MARK VII	210	3442	3.4		51-54	XK140 - MC	210	3442	3.4		55-57
MARK VII - M	210	3442	3.4		55-57	XK150	210	3442	3.4		58-61
MARK VIII	210	3442	3.4		57-58		231	3781	3.8		58-61
MARK X	231	3781	3.8		62-64	XK150 - S	210	3442	3.4		58-61
	258	4235	4.2	DOHC	64-66		231	3781	3.8		58-61
S-TYPE	183		3.0	Duratec	00-05	XKE	231		3.8		61-64
VANDEN PLAS		4235	4.2	DOHC	82-87			4235	4.2	DOHC	64-71
X-TYPE	152		2.5	Duratec	02-05			258	4235	4.2	DOHC
	183		3.0	Duratec	02-05	XKSS	210	3442	3.4		65-67
											57

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
151 2483cc (2.5) Mark I & II (DOHC)		L6	83mm x 76mm	Connecting Rod 36-38 ft.lbs/49-52 Nm Main Bearing 83 ft.lbs/113 Nm	
210 3442cc (3.4)		L6	83mm x 106mm		
231 3781cc (3.8)		L6	87mm x 106mm		
231 (3.8)		L6	87mm x 106mm		

### Rod

52.984/2.0860	56.718/2.2330	1.849/0.0728	.020/.0008	24.76/0.975	F780	12	2991 IH	6B2991 Std. 10 20 30 40
53.000/2.0866	56.731/2.2335		.076/.0030					

### Main

2,3,5,6	69.850/2.7500	74.079/2.9165	2.095/0.0825	.024/.0009	25.40/1.000	F780	8	2997 U	7M2997 Std. 10 20 30
	69.863/2.7505	74.092/2.9170		.076/.0030					
1,4,7	69.850/2.7500	74.079/2.9165	2.090/0.0823	.024/.0009	38.23/1.505	F780	6	2992 IH	
	69.863/2.7505	74.092/2.9170		.076/.0030					

### Thrust

4	74.422/2.9300	91.948/3.6200			2.36/0.093	F1	2	3252T IH	1T3252 Std. +.005
	74.646/2.9400	92.202/3.6300							

### Cam - includes bearings for both camshafts.

1-8	25.375/0.9990	29.223/1.1505	1.911/0.0752	.014/.0006	33.45/1.317	F23	8	7696	8C7696 Std.
	25.387/0.9995	29.235/1.1510		.054/.0021					

### Small End - not bored, single pieces.

22.225/0.8750	25.387/0.9995				27.56/1.085	F100	1	RB875	RB875 Semi
22.230/0.8752	25.400/1.0000								

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
152 (2.5) Duratec		V6	82.3mm x 79.5mm	Connecting Rod + 90 degrees Step 3	
152 (2.5) Duratec	D	V6	82.3mm x 79.5mm	Connecting Rod 17 ft.lbs/23 Nm Step 1	
183 (3.0) Duratec		V6	89mm x 79.5mm	Connecting Rod 32 ft.lbs/43 Nm Step 2	
183 (3.0) Duratec	F	V6	89mm x 79.5mm	Main Bearing Consult Service Manual	

### Rod - High Strength Aluminum Silicon material.

49.972/1.9674	53.015/2.0872	1.501/0.0591	.023/.0009	18.00/0.709	F810	12	4395A	6B4395A Std. .25 .50 .75
49.990/1.9681	53.035/2.0880		.077/.0030					

# JAGUAR



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
<b>6B4395AO/S2</b> .25 .50 .75	<b>Rod - .002" oversize OD version of 6B4395A.</b>								
		49.972/1.9674 49.990/1.9681	53.066/2.0892 53.086/2.0900	1.651/0.0650 (@0.25mm u/s)	.023/.0009 .077/.0030	18.00/0.709	F810	12	9082A IH
<b>4M7262A</b> Std. .25 .50 .75	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,3	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.020/2.6779	2.502/0.0985	.020/.0008 .060/.0024	17.90/0.705	F810	6	7262A U/L
	4 (FI)	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.020/2.6779	2.502/0.0985	.020/.0008 .064/.0025	22.30/0.878	F810	1	7263A U/L
		71.100/2.7992 71.350/2.8090	93.550/3.6831 93.800/3.6929			1.95/0.077			7263T
<b>RB4114</b> Semi	<b>Small End - not bored, single pieces.</b>								
		21.011/0.8272 21.013/0.8273	24.030/0.9461 24.038/0.9464			21.46/0.845	F100	1	RB4114
<b>3 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
4235cc (4.2) DOHC				L6	92mm x 106mm				
4235cc (4.2) DOHC		2		L6	92mm x 106mm	Connecting Rod 36-38 ft.lbs/49-52 Nm Main Bearing 69-72 ft.lbs/94-98 Nm			
4235cc (4.2) DOHC		3		L6	92mm x 106mm				
4235cc (4.2) DOHC		N		L6	92mm x 106mm				
258 4235cc (4.2) DOHC				L6	92mm x 106mm				
<b>6B2991</b> Std. 10 20 30 40	<b>Rod</b>								
		52.984/2.0860 53.000/2.0866	56.718/2.2330 56.731/2.2335	1.849/0.0728	.020/.0008 .076/.0030	24.76/0.975	F780	12	2991 IH
<b>7M2996</b> Std. 10 20 30	<b>Main</b>								
	1,7	69.850/2.7500 69.863/2.7505	74.079/2.9165 74.092/2.9170	2.096/0.0825	.024/.0009 .076/.0030	34.93/1.375	F780	4	2996 U/L
	2,3,5,6	69.850/2.7500 69.863/2.7505	74.079/2.9165 74.092/2.9170	2.095/0.0825	.024/.0009 .076/.0030	25.40/1.000	F780	8	2997 U/L
	4	69.850/2.7500 69.863/2.7505	74.079/2.9165 74.092/2.9170	2.096/0.0825	.024/.0009 .076/.0030	28.70/1.130	F780	2	2998 U/L
<b>1T3252</b> Std. +.005	<b>Thrust</b>								
	4	74.422/2.9300 74.646/2.9400	91.948/3.6200 92.202/3.6300			2.36/0.093	F1	2	3252T IH
<i>Note : Set includes 2 pieces, use on No. 4 position. Required with 7M2996 set.</i>									
<b>8C7696</b> Std.	<b>Cam - includes bearings for both camshafts.</b>								
	1-8	25.375/0.9990 25.387/0.9995	29.223/1.1505 29.235/1.1510	1.911/0.0752	.014/.0006 .054/.0021	33.45/1.317	F23	8	7696
<b>RB875</b> Semi	<b>Small End - not bored, single pieces.</b>								
		22.225/0.8750 22.230/0.8752	25.387/0.9995 25.400/1.0000			27.56/1.085	F100	1	RB875

**JEEP ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
134 (2.2).....			L4	46-71	1	242 (4.0).....		S	L6	91-02	9
148 (2.4).....	DOHC	1	L4	02-03	2	258 (4.2).....		A	L6	72-78	8
150 (2.5).....			L4	99-99	3	258 (4.2).....		C	L6	77-88	8
150 (2.5).....		E	L4	89-90	3	258 (4.2).....		M	L6	88-89	8
150 (2.5).....		H	L4	86-88	3	258 (4.2).....		T	L6	89-90	8
150 (2.5).....		P	L4	91-02	3	285 (4.7).....		N	V8	02-06	10
150 (2.5).....		U	L4	83-86	3	287 (4.7).....		N	V8	99-01	10
151 (2.5).....	Pontiac Eng.	B	L4	80-83	4	304 (5.0).....		H	V8	71-81	11
173 (2.8).....		W	V6	85-86	5	318 (5.2).....	Dodge Trk. Eng.	Y	V8	93-98	12
173 (2.8).....	Chevrolet Eng.	W	V6	84-84	5	345 (5.7).....	Hemi	2	V8	05-06	14
225 3687cc (3.7)...			V6	66-71	6	350 (5.7).....		9	V8	69-71	13
226 (3.7).....		K	V6	02-06	7	360 (5.9).....		7	V8	89-91	11
232 (3.8).....			L6	65-71	8	360 (5.9).....		N	V8	71-88	11
232 (3.8).....		E	L6	72-78	8	360 (5.9).....		P	V8	73-78	11
242 (4.0).....		L	L6	89-90	9	360 (5.9).....	Dodge Trk. Eng.	Z	V8	98-98	12
242 (4.0).....		M	L6	87-88	9	401 (6.6).....		Z	V8	74-78	15

**JEEP MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
CHEROKEE	150		2.5		84-00	COMANCHE - LAREDO	242		4.0		87-88
	242		4.0		87-01	COMANCHE - PIONEER	150	2.5			87-91
	258		4.2		74-83		242	4.0			87-92
	173		2.8		85-86	COMANCHE - X	150	2.5			86
	173		2.8	Chevrolet Eng.	84		173	2.8			86
	360		5.9		74-83	COMANCHE - XLS	150	2.5			86
	401		6.6		74-78		173	2.8			86
CHEROKEE - BRIARWOOD	242		4.0		91-92	COMMANDER	226	3.7			06
CHEROKEE - CHIEF	150		2.5		86-88		285	4.7			06
	242		4.0		87-88	COMMANDER - LIMITED	285	4.7			06
	173		2.8		86		345	5.7	Hemi		06
CHEROKEE - CLASSIC	242		4.0		96	COMMANDO	225	3687	3.7		66-67
CHEROKEE - COUNTRY	242		4.0		93-97	DISPATCHER	134	2.2			61-67
CHEROKEE - LAREDO	150		2.5		86-89		225	3687	3.7		66-67
	242		4.0		87-92	DJ3	134	2.2			59-60
	173		2.8		86	DJ5	134	2.2			69-71
CHEROKEE - LIMITED	242		4.0		87-92		232	3.8			72-74
CHEROKEE - PIONEER	150		2.5		86-89		258	4.2			73-74
	242		4.0		87-90		225	3687	3.7		66-70
	173		2.8		86		304	5.0			74
CHEROKEE - S	258		4.2		74-76	DJ6	225	3687	3.7		66-68
	360		5.9		74-76	F4	134	2.2			57-58
	401		6.6		74-76	FC150	134	2.2			58-66
CHEROKEE - SE	150		2.5		94-97		225	3687	3.7		66
	242		4.0		94-97	FC170	134	2.2			63-66
CHEROKEE - SPORT	242		4.0		90-97		225	3687	3.7		66
CJ3	134		2.2		59-60	GLADIATOR	232	3.8			65-67
	225	3687	3.7		66	GRAND CHEROKEE	242	4.0			93-02
CJ5	134		2.2		59-71		285	4.7			02
	151		2.5	Pontiac Eng.	80-83		318	5.2		Dodge Trk. Eng.	93
	232		3.8		72-78	GRAND CHEROKEE - 5.9 LIMITED	360	5.9		Dodge Trk. Eng.	98
	258		4.2		72-83	GRAND CHEROKEE - LAREDO	242	4.0			93-02
	225	3687	3.7		66-71		226	3.7			05-06
	304		5.0		72-81		285	4.7			02-06
CJ6	134		2.2		59-71		287	4.7			99-01
	232		3.8		72-75		318	5.2		Dodge Trk. Eng.	93-98
	258		4.2		72-75	GRAND CHEROKEE - LIMITED	242	4.0			93-02
	225	3687	3.7		66-71		285	4.7			02-06
	304		5.0		72-75		287	4.7			99-01
CJ7	150		2.5		83-86		318	5.2		Dodge Trk. Eng.	93-98
	151		2.5	Pontiac Eng.	80-83		345	5.7		Hemi	05-06
	232		3.8		76-78	GRAND CHEROKEE - ORVIS	242	4.0			95-97
	258		4.2		76-86		318	5.2		Dodge Trk. Eng.	95-97
	304		5.0		76-81	GRAND CHEROKEE - OVERLAND	345	5.7		Hemi	06
COMANCHE	150		2.5		87-92	GRAND CHEROKEE - SE	242	4.0			94-95
	242		4.0		87-92		318	5.2		Dodge Trk. Eng.	94-95
COMANCHE - CHIEF	150		2.5		87-88	GRAND CHEROKEE - SPECIAL EDITION	285	4.7			04
	242		4.0		87-88	GRAND CHEROKEE - TSI	318	5.2		Dodge Trk. Eng.	98
COMANCHE - CUSTOM	150		2.5		86						
	173		2.8		86						
COMANCHE - ELIMINATOR	242		4.0		88-92						
COMANCHE - LAREDO	150		2.5		87-88						

## JEEP MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
GRAND WAGONEER	258		4.2		84-86	UTILITY	134		2.2		61-62
	318		5.2	Dodge Trk. Eng.	93	WAGONEER	150		2.5		84-87
	360		5.9		84-91		232		3.8		71
J-100	232		3.8		65-71		242		4.0		87
	350		5.7		69-71		258		4.2		72-83
	232		3.8		65-71		173		2.8		85-86
J-2500	258		4.2		72-73		173		2.8	Chevrolet Eng.	84
	304		5.0		72		360		5.9		72-83
	350		5.7		69-71		401		6.6		74-78
	360		5.9		72-73	WAGONEER - CUSTOM	258		4.2		73
J-2600	232		3.8		68-70		360		5.9		73-76
	258		4.2		72-73		401		6.6		74-76
	304		5.0		72	WAGONEER - LIMITED	150		2.5		86-87
	350		5.7		69-70		242		4.0		87-90
J-2700	360		5.9		72-73		173		2.8		86
	232		3.8		68-69	WILLYS - 1-TON	134		2.2		47-55
	350		5.7		69-70	WILLYS - CJ-2	134		2.2		46-49
J-3500	232		3.8		68-70	WILLYS - CJ-3	134		2.2		49-58
	350		5.7		69-70	WILLYS - CJ-5	134		2.2		55-58
J-3600	232		3.8		68-70	WILLYS - CJ-6	134		2.2		56-58
	350		5.7		69-70	WILLYS - DJ-3	134		2.2		56-58
J-3700	232		3.8		68-70	WILLYS - JEEPSTER	134		2.2		49-52
	350		5.7		69-70	WILLYS - PANEL	134		2.2		46-50
J-3800	232		3.8		68	WILLYS - SEDAN					
	350		5.7		69-70	DELIVERY	134		2.2		51-55
	J10		4.2		74-87	WRANGLER	150		2.5		87-01
J20	360		5.9		74-88		242		4.0		91-01
	401		6.6		74-78		258		4.2		87-90
	258		4.2		74-76	WRANGLER - ISLANDER	150		2.5		89-91
JEEPSTER	360		5.9		74-88		242		4.0		91-92
	401		6.6		74-78		258		4.2		88-90
	134		2.2		68-69	WRANGLER - LAREDO	150		2.5		87-88
JEEPSTER - COMMANDO	225	3687	3.7		66-69		258		4.2		87-90
	134		2.2		68-71	WRANGLER - RENEGADE	242		4.0		91-94
	232		3.8		72-73	WRANGLER - RIO	150		2.5		95
	258		4.2		72-73	GRANDE	150		2.5		88-94
LIBERTY	225	3687	3.7		68-71	WRANGLER - S	242		4.0		92
	304		5.0		72-73		258		4.2		88
	148		2.4	DOHC	02-03	WRANGLER - SAHARA	150		2.5		88-91
LIBERTY - LIMITED	226		3.7		02-06		242		4.0		91-02
	226		3.7		03-06		258		4.2		88-90
LIBERTY - RENEGADE	226		3.7		02-06		242		4.0		88-90
	226		3.7		02-06		258		4.2		03
LIBERTY - SPORT	150		2.5		83-85	WRANGLER - SE	148		2.4	DOHC	94-02
	151		2.5	Pontiac Eng.	81-83		150		2.5		94-95
SCRAMBLER	258		4.2		81-85	WRANGLER - SPORT	150		2.5		87-88
	258		4.2		61-67		242		4.0		97-02
	134		2.2		61-67		258		4.2		87-88
UNIVERSAL	225	3687	3.7		66-67	WRANGLER - X	242		4.0		02

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1</b> ENGINE 134 (2.2)			VIN	CYL	Bore x Stroke	TORQUE SETTINGS			
				L4	3.125 x 4.375	Connecting Rod 35-45 ft.lbs 3/8" bolts Connecting Rod 50-55 ft.lbs 7/16" bolts Main Bearing 65-75 ft.lbs			
<b>4B9955</b> Std. 10 20 30 40	Rod	49.213/1.9375 49.238/1.9385	51.897/2.0432 51.918/2.0440	1.328/0.0523	.020/.0008 .075/.0030	27.91/1.099	F23	8	9955 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 1**

**Main - full groove.**

1 (FI)	59.261/2.3331	63.475/2.4990	2.086/0.0821	.0177/.0007	48.79/1.921	F820	2	9956AL
	59.286/2.3341	63.500/2.5000						
2	59.261/2.3331	63.221/2.4890	1.963/0.0773	.009/.0004	46.17/1.818	F820	2	9957AL
	59.286/2.3341	63.246/2.4900						
3	59.261/2.3331	62.967/2.4790	1.836/0.0723	.009/.0004	44.57/1.755	F820	2	9958AL
	59.286/2.3341	62.992/2.4800						

**3M9958**  
Std. 10 20 30 40

Overflange length increases with undersizes. See dimensional information below.

**\* DIMENSIONAL INFORMATION FOR 3M9958**

	Overall Width (Nominal)	Increase in Width
.010" u/size shaft	48.89 mm	+0.10 mm
.020" u/size shaft	48.89 mm	+0.10 mm
.030" u/size shaft	48.99 mm	+0.20 mm
.040" u/size shaft	48.99 mm	+0.20 mm

**Cam**

55.511/2.1855	58.839/2.3165	1.626/0.0640	.025/.0010	28.83/1.135	F23	1	J-1-1
55.524/2.1860	58.865/2.3175		.100/.0039				

**1C069S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>148 (2.4) DOHC</b>	<b>1</b>	<b>L4</b>	<b>87.5mm x 101mm</b>	<b>Connecting Rod 21 ft.lbs/28 Nm + 90 deg turn</b> <b>Main Bearing 25 ft.lbs/34 Nm (M8 Bedplate Bolts)</b> <b>Main Bearing 30 ft.lbs/41 Nm + 90 deg turn (M11 Main Cap Bolts)</b>

**2**

**Rod**

50.007/1.9688	52.995/2.0864	1.483/0.0584	.004/.0002	20.13/0.793	F780	8	4565
50.025/1.9695	53.007/2.0869		.060/.0024				IH

**4B4565P**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 4B4565P.**

50.007/1.9688	53.045/2.0884	1.633/0.0643	.004/.0002	20.13/0.793	F780	8	9096
50.025/1.9695	53.057/2.0889	(@ 0.25 mm u/s)	.060/.0024				IH

**4B4565PO/S2**  
.25 .50 .75 1.0

**Main**

1,2,4,5	59.992/2.3619	64.000/2.5197	1.984/0.0781	.018/.0007	21.62/0.851	F780	8	7312
	60.007/2.3625	64.013/2.5202						
3 (FI)	59.992/2.3619	64.000/2.5197	1.984/0.0781	.017/.0007	27.86/1.097	F780	2	7313
	60.007/2.3625	64.013/2.5202						

**5M7313P**  
Std. .25 .50 .75

Overflange length remains constant for standard and undersizes.

**Main - .002" oversize OD version of 5M7313P.**

1,2,4,5	50.992/2.0076	64.051/2.5217	2.134/0.0840	.018/.0007	21.62/0.851	F780	8	9097
	60.007/2.3625	64.063/2.5222						
3 (FI)	59.992/2.3619	64.051/2.5217	2.134/0.0840	.017/.0007	27.86/1.097	F780	2	9098
	60.007/2.3625	64.063/2.5222						

**5M7313PO/S2**  
.25 .50 .75

Overflange length remains constant for standard and undersizes.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>150 (2.5)</b>		<b>L4</b>	<b>3.88 x 3.19</b>	<b>Connecting Rod 33 ft.lbs/45 Nm</b> <b>Main Bearing 80 ft.lbs/108 Nm</b>
<b>150 (2.5)</b>	<b>E</b>	<b>L4</b>	<b>3.88 x 3.19</b>	
<b>150 (2.5)</b>	<b>H</b>	<b>L4</b>	<b>3.88 x 3.19</b>	
<b>150 (2.5)</b>	<b>P</b>	<b>L4</b>	<b>3.88 x 3.19</b>	
<b>150 (2.5)</b>	<b>U</b>	<b>L4</b>	<b>3.88 x 3.19</b>	

**3**

**Rod**

53.208/2.0948	56.083/2.2080	1.425/0.0561	.017/.0006	21.26/0.837	F780	8	1480
53.226/2.0955	56.096/2.2085		.074/.0029				IH

**4B960P**  
Std. 01 10 20 30 40 50

**Main - for 1983-1990 engines only**

1,2,4,5	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0008	25.04/0.986	F780	8	8872
	63.487/2.4995	68.377/2.6920						
3 (FI)	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0008	32.26/1.270	F780	2	8873
	63.487/2.4995	68.377/2.6920						

**5M1568P**  
Std. 10 20 30

Overflange length remains constant for standards and undersizes.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>3 (Cont'd.)</b>										
<b>5M1948P</b> Std. 10 20 30	<b>Main - for 1991-02 engines only.</b>									
	1,3,4,5	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0008	25.04/0.986	F780	4	8874	
		63.487/2.4995	68.377/2.6920		.091/.0036				U	
	1,3,4,5	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0009	25.04/0.986	F780	4	8872	
		63.487/2.4995	68.377/2.6920		.091/.0036				L	
	2 (FI)	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0009	32.26/1.270	F780	1	8875	
		63.487/2.4995	68.377/2.6920		.091/.0036				U	
	2 (FI)	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0009	32.26/1.270	F780	1	8873	
		63.487/2.4995	68.377/2.6920		.091/.0036				L	
	<i>Overflange length remains constant for standards and undersizes.</i>									
	<b>4C549S</b> Std.	<b>Cam</b>								
		1	51.549/2.0295	54.750/2.1555	1.580/0.0620		17.65/0.695	F23	1	N-7-1
51.575/2.0305			54.775/2.1565							
2		51.295/2.0195	54.496/2.1455	1.580/0.0620		17.65/0.695	F23	1	N-7-2	
		51.321/2.0205	54.521/2.1465							
3		51.041/2.0095	54.242/2.1355	1.580/0.0620		17.65/0.695	F23	1	N-7-3	
		51.067/2.0105	54.267/2.1365							
4		50.787/1.9995	53.988/2.1255	1.580/0.0620		17.65/0.695	F23	1	N-7-4	
		50.813/2.0005	54.013/2.1265							
<i>Overflange length remains constant for standards and undersizes.</i>										
<b>4 ENGINE</b>										
<b>151 (2.5) Pontiac Eng.</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
		<b>B</b>	<b>L4</b>	<b>4.00 x 3.00</b>	<b>Connecting Rod 32 ft.lbs/44 Nm</b>					
					<b>Main Bearing 70 ft.lbs/95 Nm</b>					
<b>4B610A</b> Std. 10 20 30 40	<b>Rod</b>									
		50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	8	2226A	
		50.813/2.0005	53.980/2.1252		.066/.0026			IH		
<b>4B610AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 4B610A.</b>									
		50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F810	8	9070A	
		50.813/2.0005	54.031/2.1272	(@ .010" u/size)	.067/.0026			IH		
<b>5M1733P</b> Std. 01 10 20 30 40	<b>Main</b>									
	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132	
		58.402/2.2993	63.287/2.4916		.084/.0033				U/L	
	5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.63/1.009	F780	2	7133	
58.402/2.2993		63.287/2.4916		.084/.0033				U/L		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>5M7152P</b> 10 20 30 40	<b>Main - Alt set to 5M1733P with +0.010" overflange length increase. * See below for dimensional information.</b>									
	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132	
		58.402/2.2993	63.287/2.4916		.084/.0033				U/L	
	5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.88/1.019	F780	2	7152	
58.402/2.2993		63.287/2.4916		.084/.0033				U/L		
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M7152P</b>										
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>					
		.010" u/s shaft			1.019"					
		.020" u/s shaft			1.019"					
		.030" u/s shaft			1.019"					
		.040" u/s shaft			1.019"					
<hr/>										
<b>3C1030S</b> Std.	<b>Cam</b>									
	1,2,3	47.452/1.8682	50.775/1.9990	1.640/0.0644		21.97/0.865	F23	3	CH-5-3	
		47.478/1.8692	50.825/2.0010							



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE		VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
173 (2.8)		W	V6	3.50 x 2.99	<b>Connecting Rod 34-40 ft.lbs/47-54 Nm</b> <b>Main Bearing 63-74 ft.lbs/85-101 Nm</b> <b>Connecting Rod 34-40 ft.lbs/46-54 Nm</b> <b>Main Bearing 63-74 ft.lbs/85-100 Nm</b>				
173 (2.8) Chevrolet Eng.		W	V6	3.50 x 2.99					

**5**
**Rod**

50.759/1.9984	54.013/2.1265	1.575/0.0620	.027/.0011	18.29/0.720	F810	12	7116A
50.785/1.9994	54.039/2.1275		.105/.0041				

**6B1238A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 6B1238A.**

50.759/1.9984	53.962/2.1245	1.727/0.0680	.014/.0006	18.29/0.720	F810	12	9036A
50.785/1.9994	53.988/2.1255	(@ .010" u/s)	.080/.0031				IH

**6B1238AO/S2**  
10 20 30 40

**Main - optional set to 4M1494P with +0.010" overflange increase. \*See below for dimensional information.**

1	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L
2	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L
3 (FI)	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.18/0.952	F780	2	7129 U/L
4	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L

**4M1493P**  
10 20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1493P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	0.952"	+0.010"
.020" u/s shaft	0.952"	+0.010"
.030" u/s shaft	0.952"	+0.010"
.040" u/s shaft	0.952"	+0.010"

**Main - For 1984-85 engines with 63.3 mm small journal design.**

1	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L
2	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L
3 (FI)	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	23.93/0.942	F780	2	7119 U/L
4	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L

**4M1494P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - for engines 1985 on with 67.2 mm large journal design. High Strength Aluminum Silicon material.**

1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L

**4M2037A**  
Std. .25 .50 .75 1.0

**Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L

**4M7122P**  
.25 .50 .75 1.0

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**5 (Cont'd.)**

<b>4C1102S</b> Std.	<b>Cam</b>								
	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
	<b>Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.</b>								
	<b>4C1102SW</b> Std.	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1
2,3		47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A
4		47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4

<b>6 ENGINE</b> 225 3687cc (3.7)	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
		<b>V6</b>	<b>3.75 x 3.40</b>	<b>Connecting Rod 30-40 ft.lbs/41-54 Nm</b> <b>Main Bearing 95-120 ft.lbs/129-162 Nm</b>

<b>6B610A</b> Std. 10 20 30 40	<b>Rod</b>									
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	12	2226A IH	
	<b>Main - Alt. set to 4M960P with +0.020" overflange length increase for undersizes.* See below for dimensional information.</b>									
	<b>4M1688P</b> 10 20 30	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
		4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
		4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
2 (FI)		63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L	
<i>To be discontinued when stock exhausted.</i>										
<b>* DIMENSIONAL INFORMATION FOR 4M1688P</b>										
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				.010" u/s shaft	1.078"	+0.020"				
				.020" u/s shaft	1.078"	+0.020"				
				.030" u/s shaft	1.078"	+0.020"				
<b>4M1690P</b> 20 30	<b>Main - Alt. set to 4M960P with +0.040" overflange length increase for undersizes.* See below for dimensional information.</b>									
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L	
	<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1690P</b>										
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				.020" u/s shaft	1.098"	+0.040"				
				.030" u/s shaft	1.098"	+0.040"				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **6**

**Main - Alt. set to 4M960P with +0.010" overflange length increase for undersizes. \*See dimensional information below.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880		.096/.0038				
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880		.096/.0038				
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880		.096/.0038				
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.13/1.068	F780	2	9020 U/L
	63.500/2.5000	68.275/2.6880		.096/.0038				

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M1747P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

**Main**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880		.096/.0038				
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880		.096/.0038				
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880		.096/.0038				
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	26.87/1.058	F780	2	9017 U/L
	63.500/2.5000	68.275/2.6880		.096/.0038				

Overflange length remains constant for standard and undersizes.

**Cam**

1	44.577/1.7550	47.892/1.8855	1.631/0.0642		19.18/0.755	F23	1	B-6-1
	44.602/1.7560	47.943/1.8875						
2	43.815/1.7250	47.130/1.8555	1.631/0.0642		19.18/0.755	F23	1	B-4-3
	43.840/1.7260	47.181/1.8575						
3	43.053/1.6950	46.368/1.8255	1.631/0.0642		19.18/0.755	F23	1	B-4-4
	43.078/1.6960	46.419/1.8275						
4	42.291/1.6650	45.606/1.7955	1.631/0.0642		19.18/0.755	F23	1	B-4-5
	42.316/1.6660	45.657/1.7975						

**4M960P**  
Std. 01 10 20 30 40

**4C506S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
226 (3.7)	K	V6	93mm x 90.8mm	Connecting Rod 20 ft.lbs + 90 deg

**7**

**Rod - High Strength Aluminum Silicon material.**

	57.897/2.2794	61.194/2.4092	1.641/0.0646	.008/.0003	16.64/0.655	F810	12	7200A IH
	57.904/2.2797	61.206/2.4097		.043/.0017				

**6B7200A**  
Std. .25 .50

**Rod - .002" oversize back version of 6B7200A.**

	57.897/2.2794	61.244/2.4112	1.791/0.0705	.008/.0003	16.64/0.655	F810	12	9106A IH
	57.904/2.2797	61.256/2.4116	(@ 0.25mm u/size)	.043/.0017				

**6B7200AO/S2**  
.25 .50 .75 1.0

**Main - High Strength Aluminum Silicon material.**

1-4	63.495/2.4998	68.395/2.6927	2.443/0.0962	.004/.0002	20.63/0.812	F810	8	7214A U/L
	63.505/2.5002	68.405/2.6931		.040/.0016				

**4M7214A**  
Std. .25 .50 .75 1.0

**Thrust**

3	71.000/2.7953	91.000/3.5827			2.54/0.100	F817	1	7214T
	71.250/2.8051	91.250/3.5925						
3	71.000/2.7953	91.000/3.5827			2.54/0.100	F817	1	7215T
	71.250/2.8051	91.250/3.5925						

**1T7214**  
Std.

Set includes two pieces, use on No. 3 position. Required with 4M7214A main set.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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8 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
232 (3.8)		L6	3.75 x 3.50	Connecting Rod 26-30 ft.lbs/35-41 Nm (1971-74 engines)					
232 (3.8)	E	L6	3.75 x 3.50						
258 (4.2)	A	L6	3.75 x 3.90	Connecting Rod 30-35 ft.lbs/41-48 Nm (1975-90 engines)					
258 (4.2)	C	L6	3.75 x 3.90						
258 (4.2)	M	L6	3.75 x 3.90	Connecting Rod 46-50 ft.lbs/62-68 Nm (1965-70 engines)					
258 (4.2)	T	L6	3.75 x 3.90	Main Bearing 75-85 ft.lbs/102-115 Nm					

6B960P Std. 01 10 20 30 40	<b>Rod</b>								
		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/0.0561	.017/.0006 .074/.0029	21.26/0.837	F780	12	1480 IH
7M704P Std. 10 20 30 40	<b>Main</b>								
	1,2,4,5, 6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L
	3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.270	F780	2	8873 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
7M8879P 10 20 30 40	<b>Main - Alt set to 7M704P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,4,5, 6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L
	3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.280	F780	2	8879 U/L
	<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 7M8879P</b>									
			Overall Width (Nominal)		Increase in Width				
.010" u/s shaft			1.280"		+0.010"				
.020" u/s shaft			1.280"		+0.010"				
.030" u/s shaft			1.280"		+0.010"				
.040" u/s shaft			1.280"		+0.010"				
4C549S Std.	<b>Cam</b>								
	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		17.65/0.695	F23	1	N-7-1
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.580/0.0620		17.65/0.695	F23	1	N-7-2
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.580/0.0620		17.65/0.695	F23	1	N-7-3
	4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		17.65/0.695	F23	1	N-7-4

9 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
242 (4.0)	L	L6	3.875 x 3.425	Connecting Rod 40 ft.lbs/54 Nm Stage 1					
242 (4.0)	M	L6	3.875 x 3.425	Connecting Rod 70 ft.lbs/95 Nm Stage 2					
242 (4.0)	S	L6	3.875 x 3.425	Connecting Rod 80 ft.lbs/108 Nm Stage 3					
				Main Bearing 33 ft.lbs/45 Nm					

6B960P Std. 01 10 20 30 40	<b>Rod</b>								
		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/0.0561	.017/.0006 .074/.0029	21.26/0.837	F780	12	1480 IH
7M704P Std. 10 20 30 40	<b>Main - for engines 1987-90 only.</b>								
	1,2,4,5, 6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L
	3 (FI)	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.270	F780	2	8873 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **9**

**Main - for engines 1991 on.**

1,2,4-7	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0009 .091/.0036	25.04/0.986	F780	6	8874 U
	63.487/2.4995	68.377/2.6920						
1,2,4-7	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0009 .091/.0036	25.04/0.986	F780	6	8872 L
	63.487/2.4995	68.377/2.6920						
3 (FI)	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0009 .091/.0036	32.26/1.270	F780	1	8873 L
	63.487/2.4995	68.377/2.6920						
3 (FI)	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0009 .091/.0036	32.26/1.270	F780	1	8875 U
	63.487/2.4995	68.377/2.6920						

Overflange length remains constant for standard and undersizes.

**Main - Alt set to 7M704P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4,5,6,7	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0008 .091/.0036	25.04/0.986	F780	12	8872 U/L
	63.487/2.4995	68.377/2.6920						
3 (FI)	63.470/2.4988	68.351/2.6910	2.421/0.0953	.022/.0008 .091/.0036	32.26/1.280	F780	2	8879 U/L
	63.487/2.4995	68.377/2.6920						

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 7M8879P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.280"	+0.010"
.020" u/s shaft	1.280"	+0.010"
.030" u/s shaft	1.280"	+0.010"
.040" u/s shaft	1.280"	+0.010"

**Cam**

1	51.549/2.0295	54.750/2.1555	1.580/0.0620		17.65/0.695	F23	1	N-7-1
	51.575/2.0305	54.775/2.1565						
2	51.295/2.0195	54.496/2.1455	1.580/0.0620		17.65/0.695	F23	1	N-7-2
	51.321/2.0205	54.521/2.1465						
3	51.041/2.0095	54.242/2.1355	1.580/0.0620		17.65/0.695	F23	1	N-7-3
	51.067/2.0105	54.267/2.1365						
4	50.787/1.9995	53.988/2.1255	1.580/0.0620		17.65/0.695	F23	1	N-7-4
	50.813/2.0005	54.013/2.1265						

**4C549S**  
Std.

**ENGINE**

285 (4.7)  
287 (4.7)

**VIN CYL Bore x Stroke**

N V8 3.125 x 4.375  
N V8 3.125 x 4.375

**TORQUE SETTINGS**

Connecting Rod 35-45 ft.lbs 3/8" bolts  
Connecting Rod 50-55 ft.lbs 7/16" bolts  
Main Bearing 65-75 ft.lbs

**10**

**Rod - for engines 2004 on without locating tang.**

	50.996/2.0077	53.992/2.1257	1.491/0.0587	.013/.0005 .043/.0017	16.64/0.655	F810	16	7206A IH
	51.003/2.0080	54.005/2.1262						

**8B7206A**  
Std. .25 .50 .75

**Rod - .002" oversize back version of 8B7206A.**

	50.996/2.0077	53.992/2.1257	1.641/0.0646 (@ 0.25mm u/size)	.013/.0005 .043/.0017	16.64/0.655	F810	16	9116A IH
	51.003/2.0080	54.005/2.1262						

**8B7206AO/S2**  
.25 .50 .75

**Rod - for engines 1999-2004 with locating tang.**

	50.996/2.0077	53.992/2.1257	1.491/0.0587	.013/.0005 .043/.0017	16.64/0.655	F810	16	7210A IH
	51.003/2.0080	54.005/2.1262						

**8B7210A**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize back version of 8B7210A.**

	50.996/2.0077	54.042/2.1276	1.641/0.0646 (@ 0.25mm u/size)	.013/.0005 .043/.0017	16.64/0.655	F810	16	9092A IH
	51.003/2.0080	54.055/2.1281						

**8B7210AO/S2**  
.25 .50 .75 1.0

**Main**

1-5	63.495/2.4998	68.395/2.6927	2.443/0.0962	.004/.0002 .040/.0016	20.63/0.812	F810	10	7214A U/L
	63.505/2.5002	68.405/2.6931						

**5M7214A**  
Std. .25 .50 .75 1.0

**Thrust**

3	71.000/2.7953	91.000/3.5827			2.54/0.100	F817	1	7214T
	71.250/2.8051	91.250/3.5925						
3	71.000/2.7953	91.000/3.5827			2.54/0.100	F817	1	7215T
	71.250/2.8051	91.250/3.5925						

**1T7214**  
Std.

Set contains two pieces, use on No. 3 position. Required with 5M7214A main set.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>11 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
304 (5.0)			H	V8	3.75 x 3.44	Connecting Rod 27-30 ft.lbs/36-41 Nm (1971-74 engines)			
360 (5.9)			7	V8	4.08 x 3.44	Connecting Rod 30-35 ft.lbs/41-48 Nm (1975-91 engines)			
360 (5.9)			N	V8	4.08 x 3.44	Main Bearing 95-105 ft.lbs/129-142 Nm			
360 (5.9)			P	V8	4.08 x 3.44				

<b>8B960P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/0.0561	.017/.0007 .074/.0029	21.26/0.837	F780	16	1480 IH
<b>5M1041P</b> Std. 10 20 30 40	<b>Main - full groove.</b>								
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
	3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.26/1.270	F780	2	1483 U/L
<b>5M1485P</b> 10 20 30 40	<i>Overflange length remains constant for standard and undersizes.</i>								
	<b>Main - full groove. Alt set to 5M1041P, with 0.010" overwidth flange increase for undersizes.* See below for dimensional information.</b>								
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.51/1.280	F780	2	1485 U/L	
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M1485P</b>									
				<b>Overall Width (Nominal)</b>				<b>Increase in Width</b>	
				.010" u/s shaft				1.280"	+0.010"
				.020" u/s shaft				1.280"	+0.010"
				.030" u/s shaft				1.280"	+0.010"
				.040" u/s shaft				1.280"	+0.010"
<b>5C671S</b> Std.	<b>Cam</b>								
	1	53.835/2.1195 53.861/2.1205	57.036/2.2455 57.061/2.2465	1.580/0.0620		23.50/0.925	F23	1	N-9-1
	2	53.073/2.0895 53.099/2.0905	56.274/2.2155 56.299/2.2165	1.580/0.0620		16.00/0.630	F23	1	N-8-2
	3	52.311/2.0595 52.337/2.0605	55.512/2.1855 55.537/2.1865	1.580/0.0620		16.00/0.630	F23	1	N-8-3
	4	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		16.00/0.630	F23	1	N-8-4
	5	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		16.00/0.630	F23	1	N-8-5

<b>12 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
318 (5.2)	Dodge Trk. Eng.		Y	V8	3.91 x 3.31	Connecting Rod 45-50 ft.lbs/61-68 Nm			
360 (5.9)	Dodge Trk. Eng.		Z	V8	4.00 x 3.58	Main Bearing 85-90 ft.lbs/115-122 Nm			

<b>8B481P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH
<b>8B481PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize back version of 8B481P.</b>								
		53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **12**

**Main - for 360 engines only.**

1,2,4	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	22.28/0.877	F780	6	2705 IH
	71.387/2.8105	76.276/3.0030						
3 (FI)	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	29.26/1.152	F780	2	2706 U/L
	71.387/2.8105	76.276/3.0030						
5	71.361/2.8095	76.264/3.0025	2.431/0.0957	.015/.0006 .079/.0031	31.98/1.259	F780	2	2709 U/L
	71.387/2.8105	76.276/3.0030						

Overflange length remains constant for standard and undersizes.

**Main - for 318 engines only.**

1,2,4	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L
	63.513/2.5005	68.402/2.6930						
3 (FI)	63.487/2.4995	68.390/2.6925	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	2703 U
	63.513/2.5005	68.402/2.6930						
3 (FI)	63.487/2.4995	68.390/2.6925	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	4357 L
	63.513/2.5005	68.402/2.6930						
5	63.487/2.4995	68.390/2.6925	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L
	63.513/2.5005	68.402/2.6930						

Overflange length remains constant for standard and undersizes.

**Main - Alt set to 5M1266P with 0.010" overwidth flange increase. \* See below for dimensional information.**

1,2,4	71.361/2.8095	76.264/3.0025	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	22.28/0.877	F780	6	2705 IH
	71.387/2.8105	76.276/3.0030						
3 (FI)	71.361/2.8095	76.264/3.0025	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	29.52/1.162	F780	2	2715 U/L
	71.387/2.8105	76.276/3.0030						
5	71.361/2.8095	76.264/3.0025	2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031	31.98/1.259	F780	2	2709 U/L
	71.387/2.8105	76.276/3.0030						

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M2715P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.162"	+0.010"
.020" u/s shaft	1.162"	+0.010"
.030" u/s shaft	1.162"	+0.010"
.040" u/s shaft	1.162"	+0.010"

**Cam**

1	50.750/1.9980	54.090/2.1295	1.638/0.0645	22.35/0.880	F23	1	PD-16-1
	50.775/1.9990	54.115/2.1305					
2	50.343/1.9820	53.683/2.1135	1.638/0.0645	16.00/0.630	F23	1	PD-25-2
	50.368/1.9830	53.708/2.1145					
3	49.962/1.9670	53.302/2.0985	1.638/0.0645	15.75/0.620	F23	1	PD-25-3
	49.987/1.9680	53.327/2.0995					
4	49.555/1.9510	52.895/2.0825	1.638/0.0645	15.75/0.620	F23	1	PD-25-4
	49.581/1.9520	52.921/2.0835					
5	39.637/1.5605	42.977/1.6920	1.638/0.0645	24.00/0.945	F23	1	PD-9-5
	39.662/1.5615	43.002/1.6930					

**5C112S**  
Std.

**ENGINE**

**350 (5.7)**

**VIN CYL Bore x Stroke**

**9 V8 3.80 x 3.85**

**TORQUE SETTINGS**

**Connecting Rod 35 ft.lbs/48 Nm  
Main Bearing 95 ft.lbs/129 Nm**

**13**

**Rod - .002" oversize OD version of 8B610A (2 sets required per engine).**

50.800/2.0000	54.018/2.1267	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH

**4B610AO/S2**  
10 20 30 40

**Rod - High Strength Aluminum Silicon material.**

50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	16	2226A IH

**8B610A**  
Std. 10 20 30 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**13 (Cont'd.)**

<b>5M1457P</b> Std. 10 20 30	<b>Main - half groove, standard oil clearance.</b>								
	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	6	7134 U/L
	3 (FI)	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	26.87/1.058	F780	2	7135 U/L
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	2	7137 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
	<b>5C680S</b> Std.	<b>Cam</b>							
1		45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1
2-5		45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	4	B-9-2

**14 ENGINE**

345 (5.7) Hemi

**VIN CYL Bore x Stroke TORQUE SETTINGS**

**2 V8 99.5mm x 90.8mm**  
**Connecting Rod 15 ft.lbs + 90 deg**  
**Main Bearing 20 ft.lbs + 90 deg M12 bolts**  
**Main Bearing 21 ft.lbs M8 crossbolts**

<b>8B1808A</b> Std. .25 .50	<b>Rod - High Strength Aluminum Silicon material.</b>								
		53.993/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.590/0.0626	.018/.0007 .062/.0024	20.10/0.791	F810	16	7211A IH
<b>8B1808AO/S2</b> .25 .50 .75	<b>Rod - .002" oversize OD version of 8B1808A.</b>								
		53.993/2.1257 54.008/2.1263	57.257/2.2542 57.270/2.2547	1.740/0.0685 (@0.25mm u/s)	.018/.0007 .082/.0032	20.10/0.791	F810	16	9112A IH
<b>5M2220A</b> Std. .25 .50	<b>Main - High Strength Aluminum Silicon material.</b>								
	1-5	64.996/2.5589 65.004/2.5592	69.893/2.7517 69.906/2.7522	2.439/0.0960	.010/.0004 .048/.0019	21.60/0.850	F810	10	7216A U/L
<b>1T611S</b> Std.	<b>Thrust</b>								
	3	72.644/2.8600 (ID) 73.152/2.8800	93.370/3.6760 (OD)	2.586/0.1018				2	MB3780W U
<i>Set includes two pieces, use on No. 3 position. required with 5M2220A main set.</i>									

**15 ENGINE**

401 (6.6)

**VIN CYL Bore x Stroke TORQUE SETTINGS**

**Z V8 4.165 x 3.680**  
**Connecting Rod 35-40 ft.lbs/47-54 Nm**  
**Main Bearing 95-100 ft.lbs/129-136 Nm**

<b>8B819P</b> Std. 10 20	<b>Rod</b>								
		57.094/2.2478 57.112/2.2485	60.312/2.3745 60.325/2.3750	1.582/0.0623	.048/.0019 .104/.0041	20.45/0.805	F780	16	CB819P IH
<b>5M1041P</b> Std. 10 20 30 40	<b>Main - full groove.</b>								
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
	3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.26/1.270	F780	2	1483 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **15**

**Main - full groove. Alt set to 5M1041P, with 0.010" overwidth flange increase for undersizes.\* See below for dimensional information.**

1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1482 U
1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	23.57/0.928	F780	4	1484 L
3 (FI)	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/0.0958	.013/.0005 .084/.0033	32.51/1.280	F780	2	1485 U/L

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M1485P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.280"	+0.010"
.020" u/s shaft	1.280"	+0.010"
.030" u/s shaft	1.280"	+0.010"
.040" u/s shaft	1.280"	+0.010"

**Cam**

1	53.835/2.1195 53.861/2.1205	57.036/2.2455 57.061/2.2465	1.580/0.0620		23.50/0.925	F23	1	N-9-1
2	53.073/2.0895 53.099/2.0905	56.274/2.2155 56.299/2.2165	1.580/0.0620		16.00/0.630	F23	1	N-8-2
3	52.311/2.0595 52.337/2.0605	55.512/2.1855 55.537/2.1865	1.580/0.0620		16.00/0.630	F23	1	N-8-3
4	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/0.0620		16.00/0.630	F23	1	N-8-4
5	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/0.0620		16.00/0.630	F23	1	N-8-5

**5M1485P**  
10 20 30 40

**5C671S**  
Std.

**KIA ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1493cc (1.5).....	16V DOHC (A5D)		L4	01-02	1	1998cc (2.0).....	DOHC	1	L4	95-95	4
1597cc (1.6).....	SOHC (Mazda B6)	1	L4	94-95	2	1998cc (2.0).....	DOHC	3	L4	95-98	4
1597cc (1.6).....	DOHC (Mazda B6)	3	L4	95-97	2	1998cc (2.0).....	DOHC (3FE)	3	L4	99-02	4
1597cc (1.6).....	DOHC (Mazda B6)	4	L4	96-97	2	2351cc (2.4).....	Hyundai G4JS	L4	L4	05-06	6
1839cc (1.8).....	DOHC (Mazda BP)	5	L4	95-98	3	2351cc (2.4).....	Hyundai G4JS	S	L4	01-04	6
1975cc (2.0).....	Hyundai G4GF		L4	04-04	5						

**KIA MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
MAGENTIS	2351	2.4		Hyundai G4JS	01-04	SEPHIA - LS	1597	1.6		DOHC (Mazda B6)	95-97
OPTIMA	2351	2.4		Hyundai G4JS	01-04		1597	1.6		SOHC (Mazda B6)	94-95
OPTIMA - EX	2351	2.4		Hyundai G4JS	05-06	SEPHIA - RS	1839	1.8		DOHC (Mazda BP)	95-97
OPTIMA - LX	2351	2.4		Hyundai G4JS	05-06		1597	1.6		DOHC (Mazda B6)	95-97
RIO	1493	1.5		16V DOHC (A5D)	01-02		1597	1.6		SOHC (Mazda B6)	94-95
RIO - CINCO	1493	1.5		16V DOHC (A5D)	02		1839	1.8		DOHC (Mazda BP)	96-97
RIO - RX-V	1493	1.5		16V DOHC (A5D)	01-02	SPECTRA - EX	1975	2.0		Hyundai G4GF	04
SEPHIA - GS	1597	1.6		DOHC (Mazda B6)	95-96	SPECTRA - LX	1975	2.0		Hyundai G4GF	04
	1597	1.6		SOHC (Mazda B6)	94-95	SPORTAGE	1998	2.0		DOHC	95-02
	1839	1.8		DOHC (Mazda BP)	95-97	SPORTAGE - 4X2 4-DOOR	1998	2.0		DOHC	95-97

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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<b>1</b> ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1493cc (1.5) 16V DOHC (A5D)</b>		<b>L4</b>	<b>75.5mm x 83.4mm</b>	<b>Connecting Rod 47-51 ft.lbs/63-69 Nm</b> <b>Main Bearing 40-43 ft.lbs/54-58 Nm</b>					
<b>4B8150</b> Std. .25 .50 .75 1.0	<b>Rod - No oil holes in bearing.</b>								
		39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.515/0.0596	.016/.0006 .076/.0030	17.00/0.669	F780	8	8150 IH
<b>5M8353</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/.0009 .076/.0030	17.50/0.689	F810	5	8354A U
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/.0009 .076/.0030	17.50/0.689	F810	5	8353A L
	<b>Thrust</b>								
<b>1T8353</b> Std.	4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M8353 main set.</i>									

<b>2</b> ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1597cc (1.6) SOHC (Mazda B6)</b>	<b>1</b>	<b>L4</b>	<b>78mm x 84mm</b>	<b>Connecting Rod 35-38 ft.lbs/47-52 Nm (SOHC)</b>					
<b>1597cc (1.6) DOHC (Mazda B6)</b>	<b>3</b>	<b>L4</b>	<b>78mm x 84mm</b>	<b>Connecting Rod 37-40 ft.lbs/50-54 Nm (DOHC)</b>					
<b>1597cc (1.6) DOHC (Mazda B6)</b>	<b>4</b>	<b>L4</b>	<b>78mm x 84mm</b>	<b>Main Bearing 40-43 ft.lbs/54-58 Nm (All engines)</b>					
<b>4B8351</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.940/1.7693 44.956/1.7699	47.996/1.8896 48.016/1.8904	1.510/0.0594	.020/.0008 .071/.0028	17.00/0.669	F810	8	8351A IH
<b>5M8353</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/.0009 .076/.0030	17.50/0.689	F810	5	8354A U
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/.0009 .076/.0030	17.50/0.689	F810	5	8353A L
	<b>Thrust</b>								
<b>1T8353</b> Std.	4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M8353 main set.</i>									
<b>RB4108</b> Semi	<b>Small End - for 1.6L DOHC engines only.</b>								
		19.993/0.7871 (Nominal)	23.000/0.9055 (Nominal)			21.80/0.858	F100	1	RB4108

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						3
<b>1839cc (1.8) DOHC (Mazda BP)</b>	<b>5</b>	<b>L4</b>	<b>83mm x 85mm</b>	<b>Connecting Rod 37-40 ft.lbs/50-54 Nm Main Bearing 40-43 ft.lbs/54-58 Nm</b>						

**Rod**

44.940/1.7693	47.996/1.8896	1.510/0.0594	.020/0.008	17.00/0.669	F810	8	8351A	4B8351 Std. .25 .50 .75 1.0
44.956/1.7699	48.016/1.8904		.071/0.028				IH	

**Main**

1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/0.009 .076/0.030	17.50/0.689	F810	5	8354A U	5M8353 Std. .25 .50 .75 1.0
1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/0.009 .076/0.030	17.50/0.689	F810	5	8353A L	

**Thrust**

4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH	1T8353 Std.
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Note: Set includes two pieces, use on No. 4 position. Required with 5M8353 main set.

**Small End**

19.993/0.7871 (Nominal)	23.000/0.9055 (Nominal)			21.80/0.858	F100	1	RB4108	RB4108 Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						4
<b>1998cc (2.0) DOHC</b>	<b>1</b>	<b>L4</b>	<b>86mm x 86mm</b>	<b>Connecting Rod 37-41 ft.lbs/50-55 Nm Main Bearing 61-68 ft.lbs/82-92 Nm</b>						
<b>1998cc (2.0) DOHC</b>	<b>3</b>	<b>L4</b>	<b>86mm x 86mm</b>							
<b>1998cc (2.0) DOHC (3FE)</b>	<b>3</b>	<b>L4</b>	<b>86mm x 86mm</b>							

**Rod**

50.940/2.0055	54.002/2.1261	1.510/0.0594		21.13/0.832	F780	8	8140	4B8140 Std. .25 .50 .75 1.0
50.955/2.0061	54.027/2.1270						IH	

**Main**

1-5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/0.007 .071/0.028	19.13/0.753	F810	5	8133A L	5M8142 Std. .25 .50 .75
1-5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/0.007 .071/0.028	19.13/0.753	F810	5	8134A U	

Check for availability.

**Thrust**

3	68.800/2.7087 (Nominal I.D.)	84.250/3.3169 (Nominal O.D.)			2.05/0.081	F250	4	2134T U/L	2T2134 Std.
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Note : Set includes four pieces. Required with 5M8142 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						5
<b>1975cc (2.0) Hyundai G4GF</b>		<b>L4</b>	<b>82mm x 93.5mm</b>	<b>Connecting Rod 37-39 ft.lbs/50-53 Nm (Tighten evenly in two or three steps) Main Bearing 20-24 ft.lbs/27-33 Nm + 60 deg turn</b>						

**Rod**

44.975/1.7707	48.003/1.8899	1.498/0.0590	.017/0.007	21.00/0.827	F780	8	1206	4B1206 Std. .25 .50 .75 1.0
44.990/1.7713	48.016/1.8904		.061/0.024				IH	

**Main**

1,2,4,5	56.977/2.2432 56.992/2.2438	61.000/2.4016 61.020/2.4024	1.994/0.0785	.020/0.008 .071/0.028	21.00/0.827	F780	8	1204 U/L	5M1204 Std. .25 .50
3	56.977/2.2432 56.992/2.2438	61.000/2.4016 61.020/2.4024	1.994/0.0785	.020/0.008 .071/0.028	21.00/0.827	F780	2	1205 IH	

**Thrust**

63.000/2.4803 63.250/2.4902	84.500/3.3268 84.750/3.3366			2.47/0.097	F817	2	1204T IH	1T1204 Std.
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Set includes 2 pieces. Required with 5M1204 main set.

**KIA**



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>6 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
2351cc (2.4) Hyundai G4JS			L4	86.5mm x 100mm		Connecting Rod 13-16 ft.lbs + 90 deg			
2351cc (2.4) Hyundai G4JS		S	L4	86.5mm x 100mm		Main Bearing 18 ft.lbs + 90 deg			
<b>4B1185</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH
<b>5M1219</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	10	1186A U/L
<b>1T1219</b> Std.	<b>Thrust</b>								
		63.100/2.4842 63.350/2.4941 (I.D.)	80.500/3.1693 80.750/3.1791 (O.D.)			2.11/0.083	F250	2	1219T IH

## LEXUS ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
2508cc (2.5).....	(2VZFE)	V	V6	90-91	1	2997cc (3.0).....	(2JZGE)	J	L6	92-95	4
2959cc (3.0).....	(1MZFE)	F	V6	96-98	3	3967cc (4.0).....	(1UZFE)	U	V8	90-95	5
2959cc (3.0).....	(3VZFE)	V	V6	92-93	2	3969cc (4.0).....	(1UZFE)		V8	99-00	5
2995cc (3.0).....	(1MZFE)		V6	99-03	3	3969cc (4.0).....	(1UZFE)	H	V8	96-98	5
2995cc (3.0).....	(1MZFE)	F	V6	99-99	3	4293cc (4.3).....	(3UZFE)		V8	01-06	7
2995cc (3.0).....	(1MZFE)	G	V6	94-95	3	4477cc (4.5).....	(1FZFE)	J	L6	96-97	6
2997cc (3.0).....	(2JZGE)		L6	99-05	4	285 4663cc (4.7)...	(2UZFE)		V8	98-06	5
2997cc (3.0).....	(2JZGE)	D	L6	96-98	4						

## LEXUS MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ES250		2508	2.5		90-91	LS400		3969	4.0		96-00
ES300		2959	3.0		92-98	LS430		4293	4.3		01-06
		2995	3.0		94-03	LX450		4477	4.5		96-97
GS300		2997	3.0		93-05	LX470	285	4663	4.7		98-06
GS400		3969	4.0		98-00	RX300		2995	3.0		99-03
GS430		4293	4.3		01-06	SC300		2997	3.0		92-00
GX470	285	4663	4.7		03-06	SC400		3967	4.0		92-95
IS300		2997	3.0		01-05			3969	4.0		96-00
IS300 - SPORTCROSS		2997	3.0		02-04	SC430		4293	4.3		02-06
LS400		3967	4.0		90-95						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						1
<b>2508cc (2.5) (2VZFE)</b>	<b>V</b>	<b>V6</b>	<b>87.5mm x 69.5mm</b>	<b>Connecting Rod 18ft.lbs + 90 deg turn Main Bearing 45ft.lbs + 90 deg turn</b>						
<b>Rod</b>										
	47.986/1.8892	51.000/2.0079	1.488/0.0586	.024/.0009	17.00/0.669	F780	12	8040 IH	<b>6B8040</b> Std. .25 .50	
	48.000/1.8898	51.024/2.0088		.089/.0035						
<b>Main</b>										
2,3,4	63.985/2.5191	68.010/2.6776	1.990/0.0783	.030/.0012	20.00/0.787	F810	6	8063A U/L	<b>4M8063A</b> Std. .25 .50 .75 1.0	
	64.000/2.5197	68.028/2.6783		.089/.0035						
1	63.985/2.5191	68.010/2.6776	1.990/0.0783	.030/.0012	22.00/0.866	F810	2	8064A U/L		
	64.000/2.5197	68.028/2.6783		.089/.0035						
<b>Thrust</b>										
2	71.250/2.8051	86.250/3.3957			2.49/0.098	F817	4	8063T U/L	<b>2T8063</b> Std. +.25	
	71.500/2.8150	86.500/3.4055								

Note: Set includes four pieces, use on No.2 position. Required with 4M8063 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						2
<b>2959cc (3.0) (3VZFE)</b>	<b>V</b>	<b>V6</b>	<b>87.5mm x 82mm</b>	<b>Connecting Rod 18ft.lbs + 90 deg turn Main Bearing 45ft.lbs + 90 deg turn</b>						
<b>Rod</b>										
	54.987/2.1649	58.000/2.2835	1.488/0.0586	.024/.0009	17.00/0.669	F780	12	8061 IH	<b>6B8061</b> Std. .25 .50 .75 1.0	
	55.000/2.1654	58.024/2.2844		.087/.0034						
<b>Main</b>										
2,3,4	63.985/2.5191	68.010/2.6776	1.990/0.0783	.030/.0012	20.00/0.787	F810	6	8063A U/L	<b>4M8063A</b> Std. .25 .50 .75 1.0	
	64.000/2.5197	68.028/2.6783		.089/.0035						
1	63.985/2.5191	68.010/2.6776	1.990/0.0783	.030/.0012	22.00/0.866	F810	2	8064A U/L		
	64.000/2.5197	68.028/2.6783		.089/.0035						
<b>Thrust</b>										
2	71.250/2.8051	86.250/3.3957			2.49/0.098	F817	4	8063T U/L	<b>2T8063</b> Std. +.25	
	71.500/2.8150	86.500/3.4055								

Note: Set includes four pieces. Required with 4M8063 main set.

# LEXUS



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
2959cc (3.0) (1MZFE)			F	V6	87.5mm x 83mm	Connecting Rod 18ft.lbs + 90 deg turn			
2995cc (3.0) (1MZFE)				V6	87.5mm x 83mm	Main Bearing Consult Service Manual			
2995cc (3.0) (1MZFE)			F	V6	87.5mm x 83mm				
2995cc (3.0) (1MZFE)			G	V6	87.5mm x 83mm				

<b>6B8381</b> Std. .25 .50 .75 1.0	<b>Rod</b>	52.992/2.0863 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.484/0.0584	.032/.0013 .080/.0031	16.00/0.630	F780	12	8381 IH
	<b>Main</b>								
<b>4M8379</b> Std. .25 .50 .75	2,3	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.486/0.0979	.028/.0011 .080/.0031	19.00/0.748	F780	4	8379 U/L
	1,4	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.486/0.0979	.028/.0011 .080/.0031	22.50/0.886	F780	4	8383 U/L
<b>2T8379</b> Std.	<b>Thrust</b>	68.200/2.6850 68.450/2.6949	83.950/3.3051 83.700/3.2953			1.98/0.078	F817	4	8379T U/L
	<i>Note: Set includes four pieces. Required with 4M8379 main set.</i>								

<b>4 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
2997cc (3.0) (2JZGE)				L6	86.1mm x 86.1mm	Connecting Rod 22 ft.lbs + 90 deg turn			
2997cc (3.0) (2JZGE)			D	L6	86.1mm x 86.1mm	Main Bearing 33 ft.lbs + 90 deg			
2997cc (3.0) (2JZGE)			J	L6	86.1mm x 86.1mm				

<b>6B8100</b> Std. .25	<b>Rod</b>	51.982/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.511/0.0595	.002/.0001 .065/.0026	19.30/0.760	F780	12	8100 IH
	<b>Rod - Race Series.</b>								
<b>6B8100H</b> Std. .025 .25		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.506/0.0593	.012/.0005 .065/.0026	19.30/0.760	F781	12	8100H IH
	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
<b>6B8100HX</b> Std.		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.493/0.0588	.037/.0015 .091/.0036	19.30/0.760	F781	12	8100HX IH
	<b>Main</b>								
<b>7M8103</b> Std. .25	2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.009/0.0791	.004/.0002 .059/.0023	20.00/0.787	F780	12	8103 U/L
	1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.009/0.0791	.004/.0002 .059/.0023	23.00/0.906	F780	2	8104 U/L
<b>7M8103H</b> Std. .025 .25	2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/0.0789	.011/.0004 .059/.0023	20.00/0.787	F780	12	8103H U/L
	1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/0.0789	.011/.0004 .059/.0023	23.00/0.906	F780	2	8104H U/L
<b>7M8103HX</b> Std.	2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/0.0784	.036/.0014 .084/.0033	20.00/0.787	F780	12	8103HX U/L
	1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/0.0784	.036/.0014 .084/.0033	23.00/0.906	F780	2	8104HX U/L
<b>2T8103</b> Std.	<b>Thrust</b>	67.350/2.6516 67.600/2.6614	81.350/3.2027 81.600/3.2126			1.97/0.078	F817	4	8103T U/L
	<i>Note : Set includes four pieces, use on No.3 position. Required with 7M8103/H/HX main set.</i>								

<b>5 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
3967cc (4.0) (1UZFE)			U	V8	87.5mm x 82.5mm	Connecting Rod 18 ft.lbs + 90 deg turn			
3969cc (4.0) (1UZFE)				V8	87.5mm x 82.5mm	Main Bearing 20 ft.lbs + 90 deg (1UZFE - Nuts & 2UZFE)			
3969cc (4.0) (1UZFE)			H	V8	87.5mm x 82.5mm				
285 4663cc (4.7) (2UZFE)				V8	94mm x 84.7mm	Main Bearing 36 ft.lbs (1UZFE Bolts only)			

<b>8B8091</b> Std. .25 .50	<b>Rod</b>	51.981/2.0465 52.000/2.0472	55.000/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .077/.0030	19.50/0.768	F780	16	8091 IH
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Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 5</b>									
<b>Rod - Race Series.</b>									
	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .067/.0026	19.50/0.768	F781	16	8091H IH	<b>8B8091H</b> Std. .025 .25 .50
<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>									
	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.483/0.0584	.035/.0014 .092/.0036	19.50/0.768	F781	16	8091HX IH	<b>8B8091HX</b> Std.
<b>Main</b>									
1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/0.0983	.007/.0003 .061/.0024	22.50/0.886	F780	4	8092 U/L	<b>5M8092</b> Std. .25 .50
2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/0.0983	.007/.0003 .061/.0024	19.50/0.768	F780	6	8093 U/L	
<b>Main - Race Series.</b>									
1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	22.50/0.886	F780	4	8092H U/L	<b>5M8092H</b> Std. .025 .25 .50
2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	19.50/0.768	F780	6	8093H U/L	
<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>									
1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	22.50/0.886	F780	4	8092HX U/L	<b>5M8092HX</b> Std.
2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	19.50/0.768	F780	6	8093HX U/L	
<b>Thrust</b>									
3	73.408/2.8901 (Nominal I.D.)	89.311/3.5162 (Nominal O.D.)				F817	4	8092T U/L	<b>2T8092</b> Std.
<i>Note : Set includes four pieces, use on No.3 position. Required with 5M8092/H/HX main set.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>4477cc (4.5) (1FZFE)</b>	<b>J</b>	<b>L6</b>	<b>100mm x 95mm</b>	<b>Connecting Rod 35 ft.lbs + 90 deg turn Main Bearing 54 ft.lbs + 90 deg turn</b> Consult Service Manual					
<b>6</b>									
<b>Rod</b>									
	56.980/2.2433 57.000/2.2441	60.520/2.3826 60.540/2.3835	1.745/0.0687	.030/.0011 .096/.0038	21.40/0.843	F780	12	7990 IH	<b>6B7990</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.492/0.0981	.036/.0014 .102/.0040	23.40/0.921	F780	14	7989 U/L	<b>7M7989</b> Std. .25 .50
<b>Thrust</b>									
4	75.250/2.9626 75.500/2.9724	93.500/3.6811 93.750/3.6909			2.49/0.098	F817	4	7989T	<b>2T7989</b> Std.
<i>Note : Set includes four pieces, use on No.4 position. Required with 7M7989 main set.</i>									
<b>Small End - Bush - not bored, single pieces.</b>									
		28.010/1.1028 28.030/1.1035			28.00/1.102	F100	1	RB4098	<b>RB4098</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>4293cc (4.3) (3UZFE)</b>		<b>V8</b>	<b>91mm x 82.5mm</b>						
<b>7</b>									
<b>Rod</b>									
	51.981/2.0465 52.000/2.0472	55.000/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .077/.0030	19.50/0.768	F780	16	8091 IH	<b>8B8091</b> Std. .25 .50
<b>Rod - Race Series.</b>									
	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .067/.0026	19.50/0.768	F781	16	8091H IH	<b>8B8091H</b> Std. .025 .25 .50
<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>									
	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.483/0.0584	.035/.0014 .092/.0036	19.50/0.768	F781	16	8091HX IH	<b>8B8091HX</b> Std.

## LEXUS PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
2997cc (3.0).....	(2JZGE)		L6	92-05	1	4293cc (4.3).....	(3UZFE)		V8	01-06	3
3967cc (4.0).....	(1UZFE)		V8	90-00	2	4663cc (4.7).....	(2UZFE)		V8	98-06	2

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
2997cc (3.0) (2JZGE)		L6	86.1mm x 86.1mm	Connecting Rod 22 ft.lbs + 90 deg turn Main Bearing 33 ft.lbs + 90 deg

<b>6B8100H</b> Std. .025 .25	<b>Rod - Race Series.</b>								
		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.506/0.0593	.012/.0005 .065/.0026	19.30/0.760	F781	12	8100H IH
<b>6B8100HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.493/0.0588	.037/.0015 .091/.0036	19.30/0.760	F781	12	8100HX IH
<b>7M8103H</b> Std. .025 .25	<b>Main - Race Series.</b>								
	2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/0.0789	.011/.0004 .059/.0023	20.00/0.787	F780	12	8103H U/L
	1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/0.0789	.011/.0004 .059/.0023	23.00/0.906	F780	2	8104H U/L
	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
<b>7M8103HX</b> Std.	<b>Main - Race Series.</b>								
	2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/0.0784	.036/.0014 .084/.0033	20.00/0.787	F780	12	8103HX U/L
	1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/0.0784	.036/.0014 .084/.0033	23.00/0.906	F780	2	8104HX U/L
	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
<b>2T8103</b> Std.	<b>Thrust</b>								
	3	67.350/2.6516 67.600/2.6614	81.350/3.2027 81.600/3.2126			1.97/0.078	F817	4	8103T U/L

Note : Set includes four pieces, use on No.3 position. Required with 7M8103H/HX main set.

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
3967cc (4.0) (1UZFE) 4663cc (4.7) (2UZFE)		V8 V8	87.5mm x 82.5mm 87.5mm x 82.5mm	Connecting Rod 18 ft.lbs + 90 deg turn Main Bearing 20 ft.lbs + 90 deg (1UZFE - Nuts & 2UZFE) Main Bearing 36 ft.lbs (1UZFE Bolts only)

<b>8B8091H</b> Std. .025 .25 .50	<b>Rod - Race Series.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .067/.0026	19.50/0.768	F781	16	8091H IH
<b>8B8091HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.483/0.0584	.035/.0014 .092/.0036	19.50/0.768	F781	16	8091HX IH
<b>5M8092H</b> Std. .025 .25 .50	<b>Main - Race Series.</b>								
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	22.50/0.886	F780	4	8092H U/L
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	19.50/0.768	F780	6	8093H U/L
	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
<b>5M8092HX</b> Std.	<b>Main - Race Series.</b>								
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	22.50/0.886	F780	4	8092HX U/L
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	19.50/0.768	F780	6	8093HX U/L
	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
<b>2T8092</b> Std.	<b>Thrust</b>								
	3	73.408/2.8901 (Nominal I.D.)	89.311/3.5162 (Nominal O.D.)				F817	4	8092T U/L

Note : Set includes four pieces, use on No.3 position. Required with 5M8092H/HX main set.





# LEXUS PERFORMANCE

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>		<b>VIN</b>		<b>CYL Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			<b>3</b>
4293cc (4.3) (3UZFE)		V8		91mm x 82.5mm					
<b>Rod - Race Series.</b>									<b>8B8091H</b> Std. .025 .25 .50
51.981/2.0465	55.001/2.1654	1.496/0.0589	.010/.0004	19.50/0.768	F781	16	8091H IH		
51.999/2.0472	55.024/2.1663		.067/.0026						
<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>									<b>8B8091HX</b> Std.
51.981/2.0465	55.001/2.1654	1.483/0.0584	.035/.0014	19.50/0.768	F781	16	8091HX IH		
51.999/2.0472	55.024/2.1663		.092/.0036						

## LINCOLN ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
182 (3.0) .....	Duratec	S	V6	00-05	1	330 (5.4) .....	SOHC	A	V8	99-02	6
232 (3.8) .....	OHV	3	V6	82-82	2	330 (5.4) .....	SOHC	L	V8	98-99	6
232 (3.8) .....	OHV	4	V6	88-94	2	330 (5.4) .....	SOHC	R	V8	02-04	6
281 (4.6) .....	DOHC	H	V8	03-04	4	351 (5.8) .....	Windsor	G	V8	80-80	7
281 (4.6) .....	DOHC	V	V8	93-02	4	351 (5.8) .....	Windsor	H	V8	77-77	7
281 (4.6) .....	SOHC	W	V8	91-04	3	400 (6.6) .....		S	V8	77-79	8
302 (5.0) .....		E	V8	88-92	5	429 (7.0) .....		N	V8	68-68	9
302 (5.0) .....		F	V8	77-90	5	460 (7.5) .....		A	V8	68-78	9
302 (5.0) .....		M	V8	85-87	5						

## LINCOLN MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
AVIATOR	281	4.6	DOHC		03-04	MARK VII	302	5.0			84-87
BLACKWOOD	330	5.4	SOHC		02	MARK VII - BILL					
CONTINENTAL	232	3.8	OHV		82-90	BLASS	302	5.0			87-92
	281	4.6	DOHC		95-02	MARK VII - LSC	302	5.0			87-92
	302	5.0			80-87	MARK VIII	281	4.6	DOHC		93-98
	351	5.8	Windsor		80	MARK VIII - LSC	281	4.6	DOHC		95-98
	400	6.6			77-79	NAVIGATOR	330	5.4	SOHC		98-04
	429	7.0			68	TOWN CAR	281	4.6	SOHC		99-00
	460	7.5			68-78		302	5.0			82-90
CONTINENTAL - ANNIVERSARY	281	4.6	DOHC		96	TOWN CAR - ANNIVERSARY	281	4.6	SOHC		96
CONTINENTAL - EXECUTIVE	232	3.8	OHV		91-94	TOWN CAR - CARTIER	281	4.6	SOHC		91-03
CONTINENTAL - GIVENCHY	302	5.0			87		302	5.0			87-90
CONTINENTAL - SIGNATURE	232	3.8	OHV		88-94	TOWN CAR - EXECUTIVE	281	4.6	SOHC		91-04
CONTINENTAL - SPINMAKER EDITION	281	4.6	DOHC		96	TOWN CAR - JACK					
CONTINENTAL - TOWN CAR	302	5.0			81	NICKLAUS	281	4.6	SOHC		93
LS	182	3.0	Duratec		00-05	TOWN CAR - SIGNATURE	281	4.6	SOHC		91-04
MARK III	460	7.5			68-71		302	5.0			87-90
MARK IV	460	7.5			72-76	TOWN CAR - SIGNATURE SE	302	5.0			89
MARK V	400	6.6			77-79	TOWN CAR - TOURING EDITION	281	4.6	SOHC		97
	460	7.5			77-78	TOWN CAR - TOURNAMENT					
MARK VI	302	5.0			80-83	EDITION	281	4.6	SOHC		94
	351	5.8	Windsor		80	TOWN CAR - ULTIMATE	281	4.6	SOHC		04
						VERSAILLES	302	5.0			77-80
							351	5.8	Windsor		77

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
182 (3.0) Duratec	S	V6	89mm x 79.5mm	<b>Connecting Rod + 90 degrees</b> Step 3 <b>Connecting Rod 17 ft.lbs/23 Nm</b> Step 1 <b>Connecting Rod 32 ft.lbs/43 Nm</b> Step 2 <b>Main Bearing</b> Consult Service Manual					

6B4395A Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>								
		49.972/1.9674	53.015/2.0872	1.501/0.0591	.023/.0009	18.00/0.709	F810	12	4395A
6B4395AO/S2 .25 .50 .75	<b>Rod - .002" oversize OD version of 6B4395A.</b>								
		49.972/1.9674	53.066/2.0892	1.651/0.0650	.023/.0009	18.00/0.709	F810	12	9082A IH
4M7262A Std. .25 .50 .75	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,3	62.969/2.4791	67.998/2.6771	2.502/0.0985	.020/.0008	17.90/0.705	F810	6	7262A U/L
	4 (FI)	62.992/2.4800	68.020/2.6779	2.502/0.0985	.060/.0024	22.30/0.878	F810	1	7263A U/L
		62.969/2.4791	67.998/2.6771		.020/.0008				
		62.992/2.4800	68.020/2.6779		.064/.0025				
	71.100/2.7992	93.550/3.6831			1.95/0.077			7263T	
	71.350/2.8090	93.800/3.6929							
RB4114 Semi	<b>Small End - not bored, single pieces.</b>								
		21.011/0.8272	24.030/0.9461			21.46/0.845	F100	1	RB4114
	21.013/0.8273	24.038/0.9464							

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						<b>2</b>
232 (3.8) OHV	3	V6	97mm x 86mm	Connecting Rod 31-36 ft.lbs/42-48 Nm						
232 (3.8) OHV	4	V6	97mm x 86mm	Main Bearing 65-81 ft.lbs/88-110 Nm						

**Rod**

58.674/2.3100	61.636/2.4266	1.462/0.0576	.013/.0005	17.06/0.672	F780	12	5200
58.699/2.3110	61.656/2.4274		.084/.0033				IH

**6B1283P**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 6B1283P.**

58.674/2.3100	61.687/2.4286	1.614/0.0635	.014/.0006	17.06/0.672	F780	12	9055
58.699/2.3110	61.707/2.4294	(@ 0.25 mm u/s)	.085/.0033				IH

**6B1283PO/S2**  
.25 .50 .75

**Main - engines 1982 & 1988.**

1,3,4	63.978/2.5188	68.890/2.7122	2.437/0.0959	.013/.0005	21.66/0.853	F780	6	5202
	64.003/2.5198	68.910/2.7130		.084/.0033				U/L
2 (FI)	63.978/2.5188	68.890/2.7122	2.437/0.0959	.013/.0005	29.62/1.166	F780	2	5203
	64.003/2.5198	68.910/2.7130		.084/.0033				U/L

**4M1561P**  
Std. .25 .50 .75 1.0

*To be superceded by 4M7295A when stock exhausted.*
**Main - engines 1989-94 only.**

1,2,4	63.983/2.5190	68.890/2.7122	2.451/0.0965	.013/.0005	21.79/0.858	F780	6	5238
	64.003/2.5198	68.910/2.7130		.058/.0023				U/L
3 (FI)	63.983/2.5190	68.890/2.7122	2.451/0.0965	.013/.0005	29.62/1.166	F780	2	5239
	64.003/2.5198	68.910/2.7130		.058/.0023				U/L

**4M1812P**  
Std. .25 .50 .75 1.0

*To be superceded by 4M7295A when stock exhausted.*
**Main - engines 1982 & 1988 - Optional set to 4M1561P with +0.004" overflange length increase. \*See dimensional information below.**

1,3,4	63.978/2.5188	68.890/2.7122	2.437/0.0959	.013/.0005	21.66/0.853	F780	6	5202
	64.003/2.5198	68.910/2.7130		.084/.0033				U/L
3 (FI)	63.978/2.5188	68.890/2.7122	2.437/0.0959	.013/.0005	29.72/1.170	F780	2	5205
	64.003/2.5198	68.910/2.7130		.084/.0033				U/L

**4M5205P**  
.25 .50 .75

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M5205P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.170"	+0.004"
0.50 mm u/s shaft	1.170"	+0.004"
0.75 mm u/s shaft	1.170"	+0.004"

**Main - engines 1982 & 1988 - Optional set to 4M1561P with +0.010" overflange length increase. \*See dimensional information below.**

1,3,4	63.978/2.5188	68.890/2.7122	2.437/0.0959	.013/.0005	21.66/0.853	F780	6	5202
	64.003/2.5198	68.910/2.7130		.084/.0033				U/L
3 (FI)	63.978/2.5188	68.890/2.7122	2.437/0.0959	.013/.0005	29.87/1.176	F780	2	5208
	64.003/2.5198	68.910/2.7130		.058/.0023				U/L

**4M5208P**  
.25 .50 .75

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M5208P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.176"	+0.010"
0.50 mm u/s shaft	1.176"	+0.010"
0.75 mm u/s shaft	1.176"	+0.010"

**Main - for engines 1982 on - High Strength Aluminum Silicon material.**

1,2,4	63.983/2.5190	68.890/2.7122	2.451/0.0965	.013/.0005	23.50/0.925	F810	3	7294WA
	64.003/2.5198	68.910/2.7130		.058/.0023				U
1,2,4	63.983/2.5190	68.890/2.7122	2.451/0.0965	.013/.0005	21.79/0.858	F810	3	7294A
	64.003/2.5198	68.910/2.7130		.058/.0023				L
3 (FI)	63.983/2.5190	68.890/2.7122	2.438/0.0960	.013/.0005	29.62/1.166	F810	2	7295A
	64.003/2.5198	68.910/2.7130		.058/.0023				U/L

**4M7295A**  
Std. .25 .50 .75

**Cam - 1982 engines.**

1,4	52.083/2.0505	55.664/2.1915	1.763/0.0694		16.26/0.640	F23	2	F-45-1
	52.108/2.0515	55.690/2.1925						
2,3	52.083/2.0505	55.283/2.1765	1.570/0.0619		14.22/0.560	F23	2	F-45-2
	52.108/2.0515	55.308/2.1775						

**4C1197S**  
Std.

# LINCOLN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 2 (Cont'd.)

<b>4C1447S</b> Std.	<b>Cam - 1988-94 engines.</b>								
	1,4	52.083/2.0505	55.664/2.1915	1.763/0.0694	.025/.0010	16.26/0.640	F23	2	F-52-1
		52.108/2.0515	55.687/2.1924		.076/.0030				
	2,3	52.083/2.0505	55.664/2.1915	1.570/0.0619	.025/.0010	14.22/0.560	F23	2	F-51-2
52.108/2.0515		55.687/2.1924		.076/.0030					
<b>2BS1445S</b> Std.	<b>Balance Shaft - 1988-94 engines.</b>								
	Front & Rear	52.083/2.0505	55.664/2.1915	1.763/0.0694	.076/.0030	16.26/0.640	F23	2	AGB-51-1
		52.108/2.0515	55.690/2.1925						

## 3 ENGINE

281 (4.6) SOHC

VIN **W** CYL **V8** Bore x Stroke **3.550 x 3.542**

TORQUE SETTINGS

Connecting Rod 23 ft.lbs/31 Nm + 90 deg  
Main Bearing 24 ft.lbs/33 Nm + 90 deg

<b>8B1442A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
		52.984/2.0860	56.866/2.2388	1.928/0.0759	.012/.0005	20.96/0.825	F810	16	5636A IH
		53.002/2.0867	56.886/2.2396		.063/.0025				
<b>8B1442AO/S2</b> .25 .50 .75 1.0	<b>Rod - .002" oversize back version of 8B1442A.</b>								
		52.984/2.0860	56.916/2.2408	2.075/0.0817	.013/.0005	20.95/0.825	F810	16	9080A IH
		53.002/2.0867	56.937/2.2416	(@ .25 mm u/s)	.078/.0031				
<b>8B1442P</b> Std. .25 .50 .75 1.0	<b>Rod - To be superceded by 8B1442A when stock exhausted.</b>								
		52.984/2.0860	56.866/2.2388	1.928/0.0759	.012/.0005	20.96/0.825	F780	16	5636 IH
		53.002/2.0867	56.886/2.2396		.063/.0025				
<b>8B1442PO/S2</b> .25 .50 .75 1.0	<b>Rod - To be superceded by 8B1442AO/S2 when stock exhausted.</b>								
		52.984/2.0860	56.916/2.2408	2.075/0.0817	.013/.0005	20.95/0.825	F780	16	9080 IH
		53.002/2.0867	56.937/2.2416	(@ .25 mm u/s)	.078/.0031				
<b>5M2007P</b> Std. .25 .50 .75 1.0	<b>Main - for cast iron blocks from 1993 on.</b>								
	1-4	67.483/2.6568	72.403/2.8505	2.443/0.0962	.014/.0006	18.25/0.719	F780	4	5638 L
		67.503/2.6576	72.420/2.8512		.077/.0030				
	1-5	67.483/2.6568	72.403/2.8505	2.443/0.0962	.014/.0006	19.12/0.753	F780	5	5638W U
		67.503/2.6576	72.420/2.8512		.077/.0030				
	5 (FI)	67.483/2.6568	72.403/2.8505	2.443/0.0962	.014/.0006	22.61/0.890	F780	1	5639 L
		67.503/2.6576	72.420/2.8512		.077/.0030				
	5 (TW)	76.000/2.9921	91.500/3.6024			2.36/0.093	F817	1	5639T U
		76.250/3.0020 (I.D.)	91.750/3.6122 (O.D.)						
		<i>Set includes one thrustwasher. Use on No. 5 upper position.</i>							
<b>5M5649P</b> 1.0	<b>Main - alternate set to 5M7141P with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1-4	67.483/2.6568	72.403/2.8505	2.568/0.1011	.014/.0006	18.25/0.719	F780	4	5638 L
		67.503/2.6576	72.420/2.8512	(@ 0.25 mm u/s)	.077/.0030				
	1-4	67.483/2.6568	72.403/2.8505	2.568/0.1011	.014/.0006	19.12/0.753	F780	4	5638W U
		67.503/2.6576	72.420/2.8512	(@ 0.25 mm u/s)	.077/.0030				
5 (FI)	67.483/2.6568	72.403/2.8505	2.568/0.1011	.014/.0006	22.86/0.900	F780	2	5649 U/L	
		67.503/2.6576	72.420/2.8512	(@ 0.25 mm u/s)	.077/.0030				
	<i>To be discontinued when stock exhausted.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 5M5649P</b>								
		Overall Width (Nominal)			Increase in Width				
		1.00mm u/s shaft			0.900" + 0.010"				
<b>5M7141P</b> Std. .25 .50 .75 1.0	<b>Main - for 1991-92 engines. (Upper flange bearing has no tang)</b>								
	1-4	67.483/2.6568	72.403/2.8505	2.443/0.0962	.014/.0006	18.25/0.719	F780	4	5638 L
		67.503/2.6576	72.420/2.8512		.077/.0030				
	1-4	67.483/2.6568	72.403/2.8505	2.443/0.0962	.014/.0006	19.12/0.753	F780	4	5638W U
		67.503/2.6576	72.420/2.8512		.077/.0030				
5 (FI)	67.483/2.6568	72.403/2.8505	2.443/0.0962	.014/.0006	22.61/0.890	F780	2	5639 U/L	
		67.503/2.6576	72.420/2.8512		.077/.0030				
	<i>Overflange length remains constant for standard and undersizes.</i>								

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									
<b>3</b>									
<b>Cam Tower</b>									
1-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5194A L	<b>6C1100A</b> Std. .25
1-6	26.937/1.0605 26.962/1.0615	29.190/1.1492 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5195A U	
<b>Small End - single pieces, not bored.</b>									
	21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113	<b>RB4113</b> Semi
<i>New Item. Order when announced.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>4</b>									
<b>281 (4.6) DOHC</b>	<b>H</b>	<b>V8</b>	<b>3.550 x 3.542</b>	<b>Connecting Rod 23 ft.lbs/31 Nm + 90 deg</b>					
<b>281 (4.6) DOHC</b>	<b>V</b>	<b>V8</b>	<b>3.550 x 3.542</b>	<b>Main Bearing 24 ft.lbs/33 Nm + 90 deg</b>					
<b>Rod - High Strength Aluminum Silicon material.</b>									
	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F810	16	5636A IH	<b>8B1442A</b> Std. .25 .50 .75 1.0
<b>Rod - .002" oversize back version of 8B1442A.</b>									
	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F810	16	9080A IH	<b>8B1442AO/S2</b> .25 .50 .75 1.0
<b>Rod - To be superceded by 8B1442A when stock exhausted.</b>									
	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F780	16	5636 IH	<b>8B1442P</b> Std. .25 .50 .75 1.0
<b>Rod - To be superceded by 8B1442AO/S2 when stock exhausted.</b>									
	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F780	16	9080 IH	<b>8B1442PO/S2</b> .25 .50 .75 1.0
<b>Cam Tower - for engines 1993-early '96.</b>									
1,6,7,12	26.937/1.0605 36.962/1.4552	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	4	5195A L	<b>6C1200A</b> Std.
1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	4	5192A U	
2-5,8-11	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465	F810	8	5191A L	5193A
	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465			5193A L	
<b>Cam Tower - for engines late '96-99.</b>									
1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.093/0.0430	.015/.0006 .081/.0032	14.70/0.579	F810	4	5190A L	<b>6C1201A</b> Std.
1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	14.70/0.579	F810	4	5192A U	
2-5,8-11	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465	F810	8	5191A U	5193A L
2-5,8-11	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.015/.0006 .081/.0032	11.80/0.465	F810	8	5193A L	
<b>Small End - single pieces, not bored.</b>									
	21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113	<b>RB4113</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>5</b>									
<b>302 (5.0)</b>	<b>E</b>	<b>V8</b>	<b>4.00 x 3.00</b>	<b>Connecting Rod 19-24 ft.lbs/26-32 Nm</b>					
<b>302 (5.0)</b>	<b>F</b>	<b>V8</b>	<b>4.00 x 3.00</b>	<b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>					
<b>302 (5.0)</b>	<b>M</b>	<b>V8</b>	<b>4.00 x 3.00</b>						
<b>Rod - High Strength Aluminum Silicon material.</b>									
	53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/0.0574	.016/.0006 .081/.0032	18.44/0.726	F810	16	2131A	<b>8B634A</b> Std. 01 10 20 30 40
<b>Rod - .002" oversize back version of 8B634A.</b>									
	53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.610/0.0634 (@ .010" u/s)	.016/.0006 .081/.0032	18.44/0.726	F810	16	9030A IH	<b>8B634AO/S2</b> 10 20 30 40

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>5 (Cont'd.)</b>									
<b>8B634P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/0.0574	.016/.0006 .081/.0032	18.44/0.726	F780	16	2131 IH
<b>8B634PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B634P.</b>								
		53.919/2.1228 53.939/2.1236	56.922/2.2410 56.942/2.2418	1.610/0.0634 (@ .010" u/s)	.017/.0007 .083/.0033	18.44/0.726	F780	16	9030 IH
<b>5M1666P</b> 10 20 30 40	<b>Main - optional set to 5M590P with +0.020" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,3,4	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	29.28/1.153	F780	2	2145 U/L
	<i>Stock not available from fee warehouses.</i>								
<b>5M1746P</b> 10 20 30 40	<b>* DIMENSIONAL INFORMATION FOR 5M1666P</b>								
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		.010" u/s shaft		1.153"	+0.020"				
		.020" u/s shaft		1.153"	+0.020"				
<b>5M1746P</b> 10 20 30 40	<b>Main - optional set to 5M590P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	29.03/1.143	F780	2	2139 U/L
	<i>Stock not available from fee warehouses.</i>								
<b>5M2144P</b> 10 20 30	<b>* DIMENSIONAL INFORMATION FOR 5M1746P</b>								
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		.010" u/s shaft		1.143"	+0.010"				
		.020" u/s shaft		1.143"	+0.010"				
<b>5M2144P</b> 10 20 30	<b>Main - optional set to 5M590P with +0.004" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.563/0.1009 (@ .010" u/s)	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.563/0.1009 (@ .010" u/s)	.005/.0002 .073/.0029	28.88/1.137	F780	2	2144 U/L
	<i>To be discontinued when stock exhausted.</i>								
<b>5M590A</b> Std. 01 10 20 30 40	<b>* DIMENSIONAL INFORMATION FOR 5M2144P</b>								
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		+0.010" u/s shaft		1.137"	+0.004"				
		+0.020" u/s shaft		1.137"	+0.004"				
<b>5M590P</b> Std. 01 10 20 30 40	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F810	8	2132A U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	28.78/1.133	F810	2	2133A U/L
	<b>Main - half groove.</b>								
<b>5M590P</b> Std. 01 10 20 30 40	1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	28.78/1.133	F780	2	2133 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 5**
**Cam**

1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.007/2.2050	1.530/0.0602		16.89/0.665	F23	1	F-18-1	<b>5C510S</b> Std.
2	52.464/2.0655 52.490/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**330 (5.4) SOHC**
**A**
**V8**
**3.551 x 4.160**
**Connecting Rod 23 ft.lbs/31 Nm + 90 deg**
**330 (5.4) SOHC**
**L**
**V8**
**3.551 x 4.160**
**Main Bearing 24 ft.lbs/33 Nm + 90 deg**
**330 (5.4) SOHC**
**R**
**V8**
**3.551 x 4.160**
**Rod - High Strength Aluminum Silicon material.**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F810	16	5636A IH	<b>8B1442A</b> Std. .25 .50 .75 1.0
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**Rod - .002" oversize back version of 8B1442A.**

	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F810	16	9080A IH	<b>8B1442AO/S2</b> .25 .50 .75 1.0
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**Rod - To be superceded by 8B1442A when stock exhausted.**

	52.984/2.0860 53.002/2.0867	56.866/2.2388 56.886/2.2396	1.928/0.0759	.012/.0005 .063/.0025	20.96/0.825	F780	16	5636 IH	<b>8B1442P</b> Std. .25 .50 .75 1.0
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**Rod - To be superceded by 8B1442AO/S2 when stock exhausted.**

	52.984/2.0860 53.002/2.0867	56.916/2.2408 56.937/2.2416	2.075/0.0817 (@ .25 mm u/s)	.013/.0005 .078/.0031	20.95/0.825	F780	16	9080 IH	<b>8B1442PO/S2</b> .25 .50 .75 1.0
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**Main - High Strength Aluminum Silicon material.**

1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	19.26/0.758	F810	1	7293A U	<b>5M7296A</b> Std. .25 .50 .75 1.0
2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	4	7296A U	
1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	5	7296A L	
5	76.750/3.0216 (ID)	96.750/3.8090 (OD)			2.92/0.115	F810	3	7296T U/L	
	77.000/3.0315	97.000/3.8189							

**Cam Tower**

1-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5194A L	<b>6C1100A</b> Std. .25
1-6	26.937/1.0605 26.962/1.0615	29.190/1.1492 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5195A U	

**Small End - single pieces, not bored.**

	21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113	<b>RB4113</b> Semi
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**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**351 (5.8) Windsor**
**G**
**V8**
**4.00 x 3.50**
**Connecting Rod 40-45 ft.lbs/54-61 Nm**
**351 (5.8) Windsor**
**H**
**V8**
**4.00 x 3.50**
**Main Bearing 95-105 ft.lbs/129-142 Nm**
**Rod - High Strength Aluminum Silicon material.**

	58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/0.0577	.010/.0004 .066/.0026	18.18/0.716	F810	16	2176A IH	<b>8B831A</b> Std. 10 20 30 40
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**Rod - .002" oversize OD version of 8B831A.**

	58.682/2.3103 58.702/2.3111	61.684/2.4285 61.704/2.4293	1.617/0.0637 (@ .010" u/s)	.010/.0004 .066/.0026	18.18/0.716	F810	16	9031A IH	<b>8B831AO/S2</b> 10 20 30 40
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**Rod - To be superceded by 8B831A when stock exhausted.**

	58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/0.0577	.010/.0004 .066/.0026	18.18/0.716	F780	16	2176 IH	<b>8B831P</b> Std. 01 10 20 30 40
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# LINCOLN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>7 (Cont'd.)</b>										
<b>8B831PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B831P.</b>									
		58.682/2.3103 58.702/2.3111	61.684/2.4285 61.704/2.4293	1.617/0.0637 (@ .010" u/s)	.002/.0001 .068/.0027	18.18/0.716	F780	16	9031 IH	
<i>To be superseded by 8B831AO/S2 when stock exhausted.</i>										
<b>5M1432A</b> Std. 10 20 30 40	<b>Main - High Strength Aluminum Silicon material.</b>									
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	2178A U	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	5209A L	
	<b>Main - To be superseded by 5M1432A when stock exhausted.</b>									
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	2177 U	
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	5207 L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	2178 U		
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	5209 L		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>5M1432P</b> Std. 01 10 20 30 40	<b>Main - optional set to 5M1432A with +.010" overflange length increase for undersizes. *See dimensional information below.</b>									
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	2170A U	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	5249A L	
	<b>* DIMENSIONAL INFORMATION FOR 5M5249A</b>									
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		.010" u/s shaft			1.143"	+0.010"				
	.020" u/s shaft			1.143"	+0.010"					
	.030" u/s shaft			1.143"	+0.010"					
	.040" u/s shaft			1.143"	+0.010"					
<b>5M5249A</b> 10 20 30 40	<b>* DIMENSIONAL INFORMATION FOR 5M5249A</b>									
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
		.010" u/s shaft			1.143"	+0.010"				
		.020" u/s shaft			1.143"	+0.010"				
		.030" u/s shaft			1.143"	+0.010"				
		.040" u/s shaft			1.143"	+0.010"				
	<b>Cam</b>									
	1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.007/2.2050	1.530/0.0602		16.89/0.665	F23	1	F-18-1	
	2	52.464/2.0655 52.490/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5		
<b>8 ENGINE</b>										
<b>400 (6.6)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
		<b>S</b>	<b>V8</b>	<b>4.00 x 4.00</b>	<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b>					
					<b>Main Bearing 35-45 ft.lbs/47-61 Nm (3/8" bolts only)</b>					
					<b>Main Bearing 95-105 ft.lbs/129-142 Nm (1/2" bolts only)</b>					
<b>8B927P</b> Std. 01 10 20 30 40	<b>Rod</b>									
		58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/0.0625	.002/.0001 .065/.0026	18.44/0.726	F780	16	2106C IH	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **8**

**Rod - .002" oversize OD version of 8B927P.**

	58.682/2.3103 58.702/2.3111	61.931/2.4382 61.948/2.4390	1.740/0.0685 (@ .010" u/s)	.003/.0001 .066/.0026	18.18/0.716	F780	16	9051 IH	<b>8B927PO/S2</b> 10 20 30 40
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**Main - High Strength Aluminum Silicon material.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	<b>5M1432A</b> Std. 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	2178A U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	5209A L	

**Main - To be superceded by 5M1432A when stock exhausted.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	2177 U	<b>5M1432P</b> Std. 01 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	5207 L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	2178 U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	5209 L	

Overflange length remains constant for standard and undersizes.

**Main - optional set to 5M1432A with +.010" overflange length increase for undersizes. \*See dimensional information below.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	<b>5M5249A</b> 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	2170A U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	5249A L	

**\* DIMENSIONAL INFORMATION FOR 5M5249A**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.143"	+0.010"
.020" u/s shaft	1.143"	+0.010"
.030" u/s shaft	1.143"	+0.010"
.040" u/s shaft	1.143"	+0.010"

**Cam**

1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	F-26-1	<b>5C710S</b> Std.
2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2	
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3	
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

**ENGINE**

429 (7.0)  
460 (7.5)

**VIN CYL Bore x Stroke**

N V8 4.36 x 3.59  
A V8 4.36 x 3.85

**TORQUE SETTINGS**

Connecting Rod 40-45 ft.lbs/54-61 Nm  
Main Bearing 95-105 ft.lbs/129-142 Nm

**9**

**Rod**

	63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.927/0.0759	.012/.0005 .078/.0031	22.00/0.866	F780	16	5210 IH	<b>8B818P</b> Std. 10 20 30 40
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# LINCOLN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>9 (Cont'd.)</b>									
<b>5M1039P</b> Std. 10 20 30 40	<b>Main - Position 1,2,4,5 is half groove &amp; Position 3 (FI) is full groove.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	24.13/0.950	F780	8	5212 U/L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	28.45/1.120	F780	2	5214 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M5218P</b> 10 20 30 40	<b>Main - optional set to 5M1039P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.557/0.1007 (@ .010" u/s)	.013/.0005 .079/.0031	24.13/0.950	F780	8	5212 U/L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.557/0.1007 (@ .010" u/s)	.013/.0005 .079/.0031	28.70/1.130	F780	2	5218 IH
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M5218P</b>									
<b>Overall Width (Nominal)      Increase in Width</b>									
.010" u/s shaft      1.130"      +0.010"									
.020" u/s shaft      1.130"      +0.010"									
.030" u/s shaft      1.130"      +0.010"									
.040" u/s shaft      1.130"      +0.010"									
<b>5C1111S</b> Std.	<b>Cam</b>								
	1-5	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.570/0.0618		14.86/0.585	F23	5	F-30-1
<b>5C1766S</b> Std.	<b>Cam - Oversize OD Cam set. Align bore housing to 2.2645"/2.2655".</b>								
	1-5	53.944/2.1238 53.969/2.1248	57.518/2.2645 57.544/2.2655	1.763/0.0694	.028/.0011 .127/.0050	16.00/0.630	F820	5	SH1766

## LISTER PETTER ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
	(TL2),Diesel		2	83-88	21	1620cc.....	(PJ2Z),Diesel		2	85-87	26
	(TL3),Diesel		3	83-88	30	1620cc.....	(PJ2ZW),Diesel		2	85-87	26
405cc.....	(LD1),Diesel		1	56-66	1	1655cc.....	(SR3),Diesel		3	67-76	27
405cc.....	(LR1),Diesel		1	67-76	2	1855cc.....	(HA2),Diesel		2	58-69	28
408cc.....	(LT1),Diesel		1	74-06	3	1855cc.....	(HB2),Diesel		2	58-69	28
458cc.....	(SL1),Diesel		1	61-66	4	1855cc.....	(HW2),Diesel		2	63-70	28
477cc.....	(LV1),Diesel		1	83-06	5	1900cc.....	(ST3),Diesel		3	72-83	29
552cc.....	(SR1),Diesel		1	67-76	6	1900cc.....	(STW3),Diesel		3	77-91	29
552cc.....	(SW1),Diesel		1	69-76	6	1902cc.....	(TS3),Diesel		3	83-04	30
553cc.....	(AV1),Diesel		1	45-66	7	2092cc.....	(HR2),Diesel		2	68-91	31
553cc.....	(AVA1),Diesel		1	50-66	7	2092cc.....	(HR2G),Diesel		2	83-91	31
633cc.....	(ST1),Diesel		1	72-85	8	2092cc.....	(HRW2),Diesel		2	69-87	31
634cc.....	(TS1),Diesel		1	83-04	9	2318cc.....	(TR3),Diesel		3	85-06	30
658cc.....	(PH1),Diesel		1	60-90	10	2394cc.....	(P600/3),Diesel		3	84-89	33
658cc.....	(PH1W/PHW1),Diesel		1	60-91	10	2394cc.....	(TX3),Diesel		3	87-03	32
658cc.....	(PH1WM),Diesel		1	85-88	10	2429cc.....	(PJ3),Diesel		3	62-85	34
773cc.....	(TR1),Diesel		1	85-06	9	2429cc.....	(PJ3W),Diesel		3	62-85	34
810cc.....	(PJ1),Diesel		1	62-85	11	2783cc.....	(HA3),Diesel		3	58-70	35
810cc.....	(PJ1W),Diesel		1	62-85	11	2783cc.....	(HB3),Diesel		3	58-70	35
810cc.....	(PJ1Z),Diesel		1	85-87	12	2783cc.....	(HW3),Diesel		3	63-70	35
810cc.....	(PJ1ZW),Diesel		1	85-87	12	3138cc.....	(HL3),Diesel		3	83-87	37
811cc.....	(LD2),Diesel		2	57-66	13	3138cc.....	(HR3),Diesel		3	68-91	36
811cc.....	(LR2),Diesel		2	67-76	14	3138cc.....	(HR3G),Diesel		3	84-91	36
816cc.....	(LT2),Diesel		2	79-83	15	3138cc.....	(HRW3),Diesel		3	69-87	36
915cc.....	(SL2),Diesel		2	61-66	16	3239cc.....	(PJ4),Diesel		4	62-85	34
953cc.....	(LV2),Diesel		2	83-91	17	3239cc.....	(PJ4W),Diesel		4	62-85	34
1104cc.....	(SR2),Diesel		2	67-76	18	3710cc.....	(HA4),Diesel		4	61-70	38
1104cc.....	(SW2),Diesel		2	69-76	18	3710cc.....	(HB4),Diesel		4	61-70	38
1106cc.....	(AV2),Diesel		2	45-66	19	3710cc.....	(HW4),Diesel		4	66-71	38
1106cc.....	(AVA2),Diesel		2	50-66	19	4184cc.....	(HL4),Diesel		4	83-91	39
1267cc.....	(ST2),Diesel		2	72-83	20	4184cc.....	(HR4),Diesel		4	69-83	39
1267cc.....	(STW2),Diesel		2	77-91	20	4184cc.....	(HRW4),Diesel		4	69-87	39
1268cc.....	(TS2),Diesel		2	83-04	21	5565cc.....	(HA6),Diesel		6	61-70	40
1317cc.....	(PH2),Diesel		2	60-90	22	5565cc.....	(HB6),Diesel		6	61-70	40
1317cc.....	(PH2W/PHW2),Diesel		2	60-91	22	5565cc.....	(HW6),Diesel		6	66-70	40
1317cc.....	(PH2WM),Diesel		2	85-88	22	6277cc.....	(HL6),Diesel		6	83-91	41
1373cc.....	(SL3),Diesel		3	58-66	23	6277cc.....	(HLT6),Diesel		6	83-91	41
1545cc.....	(TR2),Diesel		2	85-06	21	6277cc.....	(HR6),Diesel		6	69-83	41
1596cc.....	(P600/2),Diesel		2	84-89	33	6277cc.....	(HRS6),Diesel		6	69-83	41
1596cc.....	(TX2),Diesel		2	87-01	24	6277cc.....	(HRW6),Diesel		6	69-87	41
1620cc.....	(PJ2),Diesel		2	62-85	25	6277cc.....	(HRWS6),Diesel		6	69-87	41
1620cc.....	(PJ2W),Diesel		2	62-85	25						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available																																																								
<b>ENGINE</b>									<b>1</b>																																																								
<b>405cc (LD1) Diesel</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>																																																											
<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;"><b>Rod</b></td> <td>53.962/2.1245 53.975/2.1250</td> <td>57.671/2.2705 57.683/2.2710</td> <td>1.842/0.0725</td> <td>.012/.0005 .063/.0025</td> <td>31.88/1.255</td> <td>F780</td> <td>2</td> <td>2561 IH</td> <td rowspan="2" style="text-align: center;"><b>1B2561</b> Std. 010 020 030 040 050 060</td> </tr> <tr> <td><b>Main</b></td> <td>57.099/2.2480 57.112/2.2485</td> <td>60.820/2.3945 60.845/2.3955</td> <td>1.835/0.0722</td> <td>.038/.0015 .093/.0037</td> <td>44.57/1.755</td> <td>F780</td> <td>2</td> <td>2562 L</td> </tr> <tr> <td></td> <td>57.099/2.2480 57.112/2.2485</td> <td>60.820/2.3945 60.845/2.3955</td> <td>1.835/0.0722</td> <td>.038/.0015 .093/.0037</td> <td>44.57/1.755</td> <td>F23</td> <td>2</td> <td>7882 U</td> <td rowspan="2" style="text-align: center;"><b>2DM2562</b> Std. 010 020 030 040 050 060</td> </tr> <tr> <td><b>Thrust</b></td> <td>64.770/2.5500 65.020/2.5598</td> <td>79.930/3.1468 80.190/3.1571</td> <td></td> <td></td> <td>2.36/0.093</td> <td>F250</td> <td>4</td> <td>7882T U/L</td> </tr> <tr> <td colspan="9"><b>Small End - not bored, single pieces.</b></td> <td rowspan="2" style="text-align: center;"><b>2T7882</b> Std.</td> </tr> <tr> <td></td> <td>25.395/0.9998 25.403/1.0001</td> <td>28.575/1.1250 28.600/1.1260</td> <td></td> <td></td> <td>28.70/1.130</td> <td>F100</td> <td>1</td> <td>RB4089</td> </tr> </table>									<b>Rod</b>	53.962/2.1245 53.975/2.1250	57.671/2.2705 57.683/2.2710	1.842/0.0725	.012/.0005 .063/.0025	31.88/1.255	F780	2	2561 IH	<b>1B2561</b> Std. 010 020 030 040 050 060	<b>Main</b>	57.099/2.2480 57.112/2.2485	60.820/2.3945 60.845/2.3955	1.835/0.0722	.038/.0015 .093/.0037	44.57/1.755	F780	2	2562 L		57.099/2.2480 57.112/2.2485	60.820/2.3945 60.845/2.3955	1.835/0.0722	.038/.0015 .093/.0037	44.57/1.755	F23	2	7882 U	<b>2DM2562</b> Std. 010 020 030 040 050 060	<b>Thrust</b>	64.770/2.5500 65.020/2.5598	79.930/3.1468 80.190/3.1571			2.36/0.093	F250	4	7882T U/L	<b>Small End - not bored, single pieces.</b>									<b>2T7882</b> Std.		25.395/0.9998 25.403/1.0001	28.575/1.1250 28.600/1.1260			28.70/1.130	F100	1	RB4089
<b>Rod</b>	53.962/2.1245 53.975/2.1250	57.671/2.2705 57.683/2.2710	1.842/0.0725	.012/.0005 .063/.0025	31.88/1.255	F780	2	2561 IH	<b>1B2561</b> Std. 010 020 030 040 050 060																																																								
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<b>ENGINE</b>									<b>2</b>									
<b>405cc (LR1) Diesel</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>												
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<b>Rod</b>	53.962/2.1245 53.975/2.1250	57.671/2.2705 57.683/2.2710	1.842/0.0725	.012/.0005 .063/.0025	31.88/1.255	F780	2	2561 IH	<b>1B2561</b> Std. 010 020 030 040 050 060									

# LISTER PETTER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
<b>2M2567</b> Std. 010 020 030 040 050 060	<b>Main</b>	57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.58/1.755	F780	4	2567
		57.112/2.2485	60.846/2.3955		.103/.0041				U/L
<b>2T7882</b> Std.	<b>Thrust</b>	64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T
		65.020/2.5598	80.190/3.1571						U/L
<b>RB4089</b> Semi	<b>Small End - not bored, single pieces.</b>	25.395/0.9998	28.575/1.1250			28.70/1.130	F100	1	RB4089
		25.403/1.0001	28.600/1.1260						
<b>3 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>408cc (LT1) Diesel</b>		<b>1</b>		<b>82.55mm x 76.2mm</b>					
<b>1B2546</b> Std. 010 020 030 040 050 060	<b>Rod</b>	53.967/2.1247	57.683/2.2710	1.835/0.0722	.033/.0013	22.10/0.870	F780	2	2546
		53.980/2.1252	57.696/2.2715		.085/.0033				IH
<b>2M2547</b> Std. 010 020 030 040 050 060	<b>Main - Gear End and also used on Flywheel end up to engine nos 4909LT131/499LT2A31.</b>	53.955/2.1242	57.671/2.2705	1.837/0.0723	.030/.0012	25.40/1.000	F780	4	2547
		53.967/2.1247	57.696/2.2715		.093/.0037				U/L
<b>2T7882</b> Std.	<b>Thrust</b>	64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T
		65.020/2.5598	80.190/3.1571						U/L
<b>RB4086</b> Semi	<b>Small End - not bored, single pieces.</b>					28.45/1.120	F100	1	RB4086
<b>4 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>458cc (SL1) Diesel</b>		<b>1</b>		<b>80.96mm x 88.9mm</b>					
<b>1B2561</b> Std. 010 020 030 040 050 060	<b>Rod</b>	53.962/2.1245	57.671/2.2705	1.842/0.0725	.012/.0005	31.88/1.255	F780	2	2561
		53.975/2.1250	57.683/2.2710		.063/.0025				IH
<b>2DM2562</b> Std. 010 020 030 040 050 060	<b>Main</b>	57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.57/1.755	F780	2	2562
		57.112/2.2485	60.845/2.3955		.093/.0037				L
		57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.57/1.755	F23	2	7882
		57.112/2.2485	60.845/2.3955		.093/.0037				U
<b>2T7882</b> Std.	<b>Thrust</b>	64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T
		65.020/2.5598	80.190/3.1571						U/L
<b>5 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>477cc (LV1) Diesel</b>		<b>1</b>		<b>85.73mm x 82.55mm</b>					
<b>1B2546</b> Std. 010 020 030 040 050 060	<b>Rod</b>	53.967/2.1247	57.683/2.2710	1.835/0.0722	.033/.0013	22.10/0.870	F780	2	2546
		53.980/2.1252	57.696/2.2715		.085/.0033				IH
<b>2M2547</b> Std. 010 020 030 040 050 060	<b>Main - Gear End and also used on Flywheel end up to engine nos 4909LT131/499LT2A31.</b>	53.955/2.1242	57.671/2.2705	1.837/0.0723	.030/.0012	25.40/1.000	F780	4	2547
		53.967/2.1247	57.696/2.2715		.093/.0037				U/L
<b>2T7882</b> Std.	<b>Thrust</b>	64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T
		65.020/2.5598	80.190/3.1571						U/L
<b>6 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>552cc (SR1) Diesel</b>		<b>1</b>		<b>88.9mm x 88.9mm</b>					
<b>552cc (SW1) Diesel</b>		<b>1</b>		<b>88.9mm x 88.9mm</b>					
<b>1B2566</b> Std. .25 .50 .75 1.0 1.25 1.50	<b>Rod</b>	57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	31.88/1.255	F780	2	2566
		57.112/2.2485	60.846/2.3955		.103/.0041				IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>6</b>

<b>Main</b>	57.099/2.2480 57.112/2.2485	60.820/2.3945 60.846/2.3955	1.835/0.0722	.038/.0015 .103/.0041	44.58/1.755	F780	4	2567 U/L	<b>2M2567</b> Std. 010 020 030 040 050 060
<b>Thrust</b>	64.770/2.5500 65.020/2.5598	79.930/3.1468 80.190/3.1571			2.36/0.093	F250	4	7882T U/L	<b>2T7882</b> Std.
<b>Small End - not bored, single pieces.</b>		32.651/1.2855 32.671/1.2863			33.04/1.301	F100	1	RB4079	<b>RB4079</b> Semi

<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
<b>553cc (AV1) Diesel</b>		<b>1</b>	<b>80mm x 110mm</b>	
<b>553cc (AVA1) Diesel</b>		<b>1</b>	<b>80mm x 110mm</b>	

<b>Rod</b>	53.970/2.1248 53.990/2.1256	58.738/2.3125 58.750/2.3130	2.365/0.0931	.018/.0007 .076/.0030	35.68/1.405	F780	2	2901 IH	<b>1B2901</b> Std. 010 020 030 040 050 060
<b>Main - Suits up to engine no. 3132347.</b>	57.099/2.2480 57.112/2.2485	61.900/2.4370 61.925/2.4380	2.369/0.0933		46.29/1.822	F23	2	7612 Bush	<b>2M7612</b> Std. 010 020 030 040 050 060
<b>Main - Suits engine no. 3132348 to 3150399.</b>	57.099/2.2480 57.112/2.2485	61.900/2.4370 61.925/2.4380	2.369/0.0933		46.29/1.822	F23	1	7612 Bush	<b>2M7614</b> Std. 010 020 030 040 050 060
	57.099/2.2480 57.112/2.2485	61.900/2.4370 61.925/2.4380	2.369/0.0933		54.10/2.130	F23	1	7614 Bush	
<b>Thrust</b>	61.820/2.4339 62.078/2.4440	81.813/3.2210 82.067/3.2310			2.36/0.093	F1	2	7612T	<b>2T7612</b> Std.
<b>Small End - not bored, single pieces.</b>	30.000/1.1811 (Nominal)	35.999/1.4173 36.025/1.4183			30.81/1.213	F100	1	RB4003	<b>RB4003</b> Semi

<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
<b>633cc (ST1) Diesel</b>		<b>1</b>	<b>95.25mm x 88.9mm</b>	

<b>Rod</b>	63.487/2.4995 63.500/2.5000	67.208/2.6460 67.221/2.6465	1.839/0.0724	.030/.0012 .082/.0032	31.75/1.250	F780	2	2550 IH	<b>1B2550</b> Std. 010 020 030 040 050 060
<b>Main</b>	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	44.45/1.750	F780	2	2551 U/L	<b>1M2551</b> Std. 010 020 030 040 050 060
<b>Thrust</b>	68.960/2.7150 69.210/2.7248	85.600/3.3701 85.850/3.3799			2.36/0.093	F250	4	1642T U/L	<b>2T1642</b> Std.
<b>Small End - not bored, single pieces.</b>	33.332/1.3123 33.337/1.3125	36.512/1.4375 36.538/1.4385			33.78/1.330	F100	1	RB4084	<b>RB4084</b> Semi

<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
<b>634cc (TS1) Diesel</b>		<b>1</b>	<b>95.3mm x 88.9mm</b>	
<b>773cc (TR1) Diesel</b>		<b>1</b>	<b>98.4mm x 101.6mm</b>	

<b>Rod</b>	63.487/2.4995 63.500/2.5000	67.208/2.6460 67.221/2.6465	1.835/0.0722	.038/.0015 .080/.0031	25.53/1.005	F780	2	2553 IH	<b>1B2553</b> Std. 010 020 030 040 050 060
<b>Main - Crankcase</b>	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2554 U/L	<b>1M2554</b> Std. 010 020 030 040 050 060

# LISTER PETTER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>9 (Cont'd.)</b>									
<b>1M2559</b> Std. 010 020 030 040 050 060	<b>Main - Main Bearing Housing</b>								
		63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2559 U/L
<b>1T2555</b> Std.	<b>Thrust</b>								
		72.000/2.8346 72.250/2.8445	91.900/3.6181 92.150/3.6279			2.36/0.093	F250	2	2555T U/L
<b>RB4084</b> Semi	<b>Small End - not bored, single pieces.</b>								
		33.332/1.3123 33.337/1.3125	36.512/1.4375 36.538/1.4385			33.78/1.330	F100	1	RB4084
<b>10 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>658cc (PH1) Diesel</b>				<b>1</b>	<b>87.3mm x 110mm</b>				
<b>658cc (PH1W/PHW1) Diesel</b>				<b>1</b>	<b>87.3mm x 110mm</b>				
<b>658cc (PH1WM) Diesel</b>				<b>1</b>	<b>87.3mm x 110mm</b>				
<b>1B2496</b> Std. 010 020 030 040 050 060	<b>Rod</b>								
		60.312/2.3745 60.325/2.3750	64.033/2.5210 64.046/2.5215	1.834/0.0722	.040/.0016 .092/.0036	31.87/1.255	F780	2	2496 IH
<b>2M7942</b> Std. 010 020 030 040 050 060	<b>Main</b>								
		60.274/2.3730 60.287/2.3735	65.075/2.5620 65.100/2.5630	2.369/0.0933	.050/.0020 .114/.0045	44.60/1.756	F820	1	7942AL Bush
		60.274/2.3730 60.287/2.3735	65.075/2.5620 65.100/2.5630	2.369/0.0933	.050/.0020 .114/.0045	53.50/2.106	F820	1	7944AL Bush
	<b>Thrust</b>								
<b>2T7942</b> Std.		65.126/2.5640 65.376/2.5739	84.760/3.3370 85.010/3.3468			2.36/0.093	F1	2	7942T
<b>RB4092</b> Semi	<b>Small End - not bored, single pieces.</b>								
		29.995/1.1809 30.000/1.1811	33.338/1.3125 33.363/1.3135			30.48/1.200	F100	1	RB4092
<b>11 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>810cc (PJ1) Diesel</b>				<b>1</b>	<b>96.82mm x 109.98mm</b>				
<b>810cc (PJ1W) Diesel</b>				<b>1</b>	<b>96.82mm x 109.98mm</b>				
<b>1B2496</b> Std. 010 020 030 040 050 060	<b>Rod</b>								
		60.312/2.3745 60.325/2.3750	64.033/2.5210 64.046/2.5215	1.834/0.0722	.040/.0016 .092/.0036	31.87/1.255	F780	2	2496 IH
<b>2M7942</b> Std. 010 020 030 040 050 060	<b>Main - Suits engines with HJC8 flywheel end.</b>								
		60.274/2.3730 60.287/2.3735	65.075/2.5620 65.100/2.5630	2.369/0.0933	.050/.0020 .114/.0045	44.60/1.756	F820	1	7942AL Bush
		60.274/2.3730 60.287/2.3735	65.075/2.5620 65.100/2.5630	2.369/0.0933	.050/.0020 .114/.0045	53.50/2.106	F820	1	7944AL Bush
	<b>Thrust - Suits HJC23 crankshaft.</b>								
<b>2T7942</b> Std.		65.126/2.5640 65.376/2.5739	84.760/3.3370 85.010/3.3468			2.36/0.093	F1	2	7942T
<b>12 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>810cc (PJ1Z) Diesel</b>				<b>1</b>	<b>96.82mm x 109.98mm</b>				
<b>810cc (PJ1ZW) Diesel</b>				<b>1</b>	<b>96.82mm x 109.98mm</b>				
<b>1B2496</b> Std. 010 020 030 040 050 060	<b>Rod</b>								
		60.312/2.3745 60.325/2.3750	64.033/2.5210 64.046/2.5215	1.834/0.0722	.040/.0016 .092/.0036	31.87/1.255	F780	2	2496 IH
<b>2M7942</b> Std. 010 020 030 040 050 060	<b>Main</b>								
		60.274/2.3730 60.287/2.3735	65.075/2.5620 65.100/2.5630	2.369/0.0933	.050/.0020 .114/.0045	44.60/1.756	F820	1	7942AL Bush
		60.274/2.3730 60.287/2.3735	65.075/2.5620 65.100/2.5630	2.369/0.0933	.050/.0020 .114/.0045	53.50/2.106	F820	1	7944AL Bush
	<b>Thrust - Suits HJC23 crankshaft.</b>								
<b>2T7942</b> Std.		65.126/2.5640 65.376/2.5739	84.760/3.3370 85.010/3.3468			2.36/0.093	F1	2	7942T

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>				<b>13</b>
<b>811cc (LD2) Diesel</b>			<b>2</b>	<b>76.2mm x 88.9mm</b>						
<b>Rod</b>	53.962/2.1245 53.975/2.1250	57.671/2.2705 57.683/2.2710	1.842/0.0725	.012/.0005 .063/.0025	31.88/1.255	F780	2	2561 IH	<b>1B2561</b> Std. 010 020 030 040 050 060	
<b>Main</b>	57.099/2.2480 57.112/2.2485	60.820/2.3945 60.846/2.3955	1.835/0.0722	.038/.0015 .093/.0037	44.57/1.755	F780	2	2562 L	<b>3DM2562</b> Std. 010 020 030 040 050 060	
	57.099/2.2480 57.112/2.2485	60.820/2.3945 60.846/2.3955	1.835/0.0722	.038/.0015 .093/.0037	31.87/1.255	F780	2	2563 IH		
	57.099/2.2480 57.112/2.2485	60.820/2.3945 60.846/2.3955	1.835/0.0722	.038/.0015 .093/.0037	44.57/1.755	F23	2	7882 U		
<b>Thrust</b>	64.770/2.5500 65.020/2.5598	79.930/3.1468 80.190/3.1571			2.36/0.093	F250	4	7882T U/L		<b>2T7882</b> Std.
<b>Small End - not bored, single pieces.</b>										
	25.395/0.9998 25.403/1.0001	28.575/1.1250 28.600/1.1260			28.70/1.130	F100	1	RB4089	<b>RB4089</b> Semi	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>				<b>14</b>
<b>811cc (LR2) Diesel</b>			<b>2</b>	<b>76.2mm x 88.9mm</b>						
<b>Rod</b>	53.962/2.1245 53.975/2.1250	57.671/2.2705 57.683/2.2710	1.842/0.0725	.012/.0005 .063/.0025	31.88/1.255	F780	2	2561 IH	<b>1B2561</b> Std. 010 020 030 040 050 060	
<b>Main</b>	57.099/2.2480 57.112/2.2485	60.820/2.3945 60.846/2.3955	1.835/0.0722	.038/.0015 .103/.0041	44.58/1.755	F780	4	2567 U/L	<b>3M2567</b> Std. 010 020 030 040 050 060	
	57.099/2.2480 57.112/2.2485	60.820/2.3945 60.846/2.3955	1.835/0.0722	.038/.0015 .103/.0041	31.87/1.255	F780	2	2568 U/L		
<b>Thrust</b>	64.770/2.5500 65.020/2.5598	79.930/3.1468 80.190/3.1571			2.36/0.093	F250	4	7882T U/L		<b>2T7882</b> Std.
<b>Small End - not bored, single pieces.</b>										
	25.395/0.9998 25.403/1.0001	28.575/1.1250 28.600/1.1260			28.70/1.130	F100	1	RB4089	<b>RB4089</b> Semi	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>				<b>15</b>
<b>816cc (LT2) Diesel</b>			<b>2</b>	<b>82.55mm x 76.2mm</b>						
<b>Rod</b>	53.967/2.1247 53.980/2.1252	57.683/2.2710 57.696/2.2715	1.835/0.0722	.033/.0013 .085/.0033	22.10/0.870	F780	2	2546 IH	<b>1B2546</b> Std. 010 020 030 040 050 060	
<b>Thrust</b>	64.770/2.5500 65.020/2.5598	79.930/3.1468 80.190/3.1571			2.36/0.093	F250	4	7882T U/L	<b>2T7882</b> Std.	
<b>Small End - not bored, single pieces.</b>										
					28.45/1.120	F100	1	RB4086	<b>RB4086</b> Semi	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>				<b>16</b>
<b>915cc (SL2) Diesel</b>			<b>2</b>	<b>80.96mm x 88.9mm</b>						
<b>Rod</b>	53.962/2.1245 53.975/2.1250	57.671/2.2705 57.683/2.2710	1.842/0.0725	.012/.0005 .063/.0025	31.88/1.255	F780	2	2561 IH	<b>1B2561</b> Std. 010 020 030 040 050 060	

# LISTER PETTER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>16 (Cont'd.)</b>									
<b>3DM2562</b> Std. 010 020 030 040 050 060	<b>Main</b>	57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.57/1.755	F780	2	2562
		57.112/2.2485	60.846/2.3955		.093/.0037				L
		57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	31.87/1.255	F780	2	2563
		57.112/2.2485	60.846/2.3955		.093/.0037				IH
		57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.57/1.755	F23	2	7882
<b>2T7882</b> Std.	<b>Thrust</b>	57.112/2.2485	60.846/2.3955		.093/.0037				U
		64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T
		65.020/2.5598	80.190/3.1571						U/L
<b>17 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>953cc (LV2) Diesel</b>			<b>2</b>	<b>85.73mm x 82.55mm</b>					
<b>1B2546</b> Std. 010 020 030 040 050 060	<b>Rod</b>	53.967/2.1247	57.683/2.2710	1.835/0.0722	.033/.0013	22.10/0.870	F780	2	2546
		53.980/2.1252	57.696/2.2715		.085/.0033				IH
<b>2T7882</b> Std.	<b>Thrust</b>	64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T
		65.020/2.5598	80.190/3.1571						U/L
<b>18 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1104cc (SR2) Diesel</b>			<b>2</b>	<b>88.9mm x 88.9mm</b>					
<b>1104cc (SW2) Diesel</b>			<b>2</b>	<b>88.9mm x 88.9mm</b>					
<b>1B2566</b> Std. .25 .50 .75 1.0 1.25 1.50	<b>Rod</b>	57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	31.88/1.255	F780	2	2566
		57.112/2.2485	60.846/2.3955		.103/.0041				IH
<b>3M2567</b> Std. 010 020 030 040 050 060	<b>Main</b>	57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.58/1.755	F780	4	2567
		57.112/2.2485	60.846/2.3955		.103/.0041				U/L
		57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	31.87/1.255	F780	2	2568
		57.112/2.2485	60.846/2.3955		.103/.0041				U/L
<b>2T7882</b> Std.	<b>Thrust</b>	64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T
		65.020/2.5598	80.190/3.1571						U/L
<b>RB4079</b> Semi	<b>Small End - not bored, single pieces.</b>		32.651/1.2855			33.04/1.301	F100	1	RB4079
			32.671/1.2863						
<b>19 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1106cc (AV2) Diesel</b>			<b>2</b>	<b>80mm x 110mm</b>					
<b>1106cc (AVA2) Diesel</b>			<b>2</b>	<b>80mm x 110mm</b>					
<b>1B2901</b> Std. 010 020 030 040 050 060	<b>Rod</b>	53.970/2.1248	58.738/2.3125	2.365/0.0931	.018/.0007	35.68/1.405	F780	2	2901
		53.990/2.1256	58.750/2.3130		.076/.0030				IH
<b>3M7612</b> Std. 010 020 030 040 050 060	<b>Main - Suits up to engine no. 3132347.</b>	57.099/2.2480	61.900/2.4370	2.369/0.0933		46.29/1.822	F23	2	7612
		57.112/2.2485	61.925/2.4380						Bush
		57.137/2.2495	61.951/2.4390	2.378/0.0936	.032/.0013	36.62/1.442	F23	2	7613
		57.163/2.2505	61.963/2.4395		.086/.0034				IH
<b>3M7614</b> Std. 010 020 030 040 050 060	<b>Main - Suits engine no. 3132348 on.</b>	57.099/2.2480	61.900/2.4370	2.369/0.0933		46.29/1.822	F23	1	7612
		57.112/2.2485	61.925/2.4380						Bush
		57.137/2.2495	61.951/2.4390	2.378/0.0936	.032/.0013	36.62/1.442	F23	2	7613
		57.163/2.2505	61.963/2.4395		.086/.0034				IH
		57.099/2.2480	61.900/2.4370	2.369/0.0933		54.10/2.130	F23	1	7614
		57.112/2.2485	61.925/2.4380						Bush



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 19</b>									
<b>Thrust</b>									
	61.820/2.4339 62.078/2.4440	81.813/3.2210 82.067/3.2310			2.36/0.093	F1	2	7612T	<b>2T7612</b> Std.
<b>Small End - not bored, single pieces.</b>									
	30.000/1.1811 (Nominal)	35.999/1.4173 36.025/1.4183			30.81/1.213	F100	1	RB4003	<b>RB4003</b> Semi
<b>20</b>									
<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>				
1267cc (ST2) Diesel		2	95.25mm x 88.9mm						
1267cc (STW2) Diesel		2	95.25mm x 88.9mm						
<b>Rod</b>									
	63.487/2.4995 63.500/2.5000	67.208/2.6460 67.221/2.6465	1.839/0.0724	.030/.0012 .082/.0032	31.75/1.250	F780	2	2550 IH	<b>1B2550</b> Std. 010 020 030 040 050 060
<b>Main - Position 1 &amp; 3 (2 req'd per engine).</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	44.45/1.750	F780	2	2551 U/L	<b>1M2551</b> Std. 010 020 030 040 050 060
<b>Main - Centre Main (1 req'd per engine).</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2552 U/L	<b>1M2552</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	68.960/2.7150 69.210/2.7248	85.600/3.3701 85.850/3.3799			2.36/0.093	F250	4	1642T U/L	<b>2T1642</b> Std.
<b>Small End - not bored, single pieces.</b>									
	33.332/1.3123 33.337/1.3125	36.512/1.4375 36.538/1.4385			33.78/1.330	F100	1	RB4084	<b>RB4084</b> Semi
<b>21</b>									
<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>				
1268cc (TS2) Diesel		2	95.3mm x 88.9mm						
1545cc (TR2) Diesel		2	98.4mm x 101.6mm						
<b>Rod</b>									
	63.487/2.4995 63.500/2.5000	67.208/2.6460 67.221/2.6465	1.835/0.0722	.038/.0015 .080/.0031	25.53/1.005	F780	2	2553 IH	<b>1B2553</b> Std. 010 020 030 040 050 060
<b>Main - Centre Bearing Housing.</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2552 U/L	<b>1M2552</b> Std. 010 020 030 040 050 060
<b>Main - Crankcase.</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2554 U/L	<b>1M2554</b> Std. 010 020 030 040 050 060
<b>Main - Main Bearing Housing.</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2559 U/L	<b>1M2559</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	72.000/2.8346 72.250/2.8445	91.900/3.6181 92.150/3.6279			2.36/0.093	F250	2	2555T U/L	<b>1T2555</b> Std.
<b>Small End - not bored, single pieces.</b>									
	33.332/1.3123 33.337/1.3125	36.512/1.4375 36.538/1.4385			33.78/1.330	F100	1	RB4084	<b>RB4084</b> Semi
<b>22</b>									
<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>				
1317cc (PH2) Diesel		2	87.3mm x 110mm						
1317cc (PH2W/PHW2) Diesel		2	87.3mm x 110mm						
1317cc (PH2WM) Diesel		2	87.3mm x 110mm						
<b>Rod - 2 req'd per engine.</b>									
	60.312/2.3745 60.325/2.3750	64.033/2.5210 64.046/2.5215	1.834/0.0722	.040/.0016 .092/.0036	31.87/1.255	F780	2	2496 IH	<b>1B2496</b> Std. 010 020 030 040 050 060

# LISTER PETTER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>22 (Cont'd.)</b>									
<b>3M7942</b> Std. 010 020 030 040 050 060	<b>Main</b>	60.274/2.3730	65.075/2.5620	2.369/0.0933	.050/.0020	44.60/1.756	F820	1	7942AL Bush
		60.287/2.3735	65.100/2.5630		.114/.0045				
		60.312/2.3745	64.033/2.5210	1.822/0.0717	.064/.0025	38.22/1.505	F820	2	7943AL IH
		60.325/2.3750	64.046/2.5215		.102/.0040				
		60.274/2.3730	65.075/2.5620	2.369/0.0933	.050/.0020	53.50/2.106	F820	1	7944AL Bush
		60.287/2.3735	65.100/2.5630		.114/.0045				
<b>2T7942</b> Std.	<b>Thrust</b>	65.126/2.5640	84.760/3.3370			2.36/0.093	F1	2	7942T
		65.376/2.5739	85.010/3.3468						
<b>RB4092</b> Semi	<b>Small End - not bored, single pieces.</b>	29.995/1.1809	33.338/1.3125			30.48/1.200	F100	1	RB4092
		30.000/1.1811	33.363/1.3135						

<b>23 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
<b>1373cc (SL3) Diesel</b>		<b>3</b>	<b>80.96mm x 88.9mm</b>	

<b>1B2561</b> Std. 010 020 030 040 050 060	<b>Rod - 3 req'd per engine.</b>	53.962/2.1245	57.671/2.2705	1.842/0.0725	.012/.0005	31.88/1.255	F780	2	2561 IH
		53.975/2.1250	57.683/2.2710		.063/.0025				
<b>4DM2562</b> Std. 010 020 030 040 050 060	<b>Main</b>	57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.57/1.755	F780	2	2562 L
		57.112/2.2485	60.846/2.3955		.093/.0037				
		57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	31.87/1.255	F780	4	2563 IH
		57.112/2.2485	60.846/2.3955		.093/.0037				
		57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.57/1.755	F23	2	7882 U
		57.112/2.2485	60.846/2.3955		.093/.0037				
<b>2T7882</b> Std.	<b>Thrust</b>	64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T U/L
		65.020/2.5598	80.190/3.1571						

<b>24 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
<b>1596cc (TX2) Diesel</b>		<b>2</b>	<b>100mm x 101.6mm</b>	

<b>1B2560</b> Std. 010 020 030 040	<b>Rod - 2 req'd per engine.</b>	63.487/2.4995	67.208/2.6460	1.835/0.0722	.038/.0015	25.53/1.005	F780	2	2560 U/L
		63.500/2.5000	67.221/2.6465		.084/.0033				
<b>1M2552</b> Std. 010 020 030 040 050 060	<b>Main - Centre Bearing Housing.</b>	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	31.75/1.250	F780	2	2552 U/L
		63.487/2.4995	67.221/2.6465		.094/.0037				
<b>1M2554</b> Std. 010 020 030 040 050 060	<b>Main - Crankcase.</b>	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	31.75/1.250	F780	2	2554 U/L
		63.487/2.4995	67.221/2.6465		.094/.0037				
<b>1M2559</b> Std. 010 020 030 040 050 060	<b>Main - Main Bearing Housing.</b>	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	31.75/1.250	F780	2	2559 U/L
		63.487/2.4995	67.221/2.6465		.094/.0037				
<b>1T2555</b> Std.	<b>Thrust</b>	72.000/2.8346	91.900/3.6181			2.36/0.093	F250	2	2555T U/L
		72.250/2.8445	92.150/3.6279						
<b>RB4084</b> Semi	<b>Small End - not bored, single pieces.</b>	33.332/1.3123	36.512/1.4375			33.78/1.330	F100	1	RB4084
		33.337/1.3125	36.538/1.4385						

<b>25 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
<b>1620cc (PJ2) Diesel</b>		<b>2</b>	<b>96.83mm x 109.98mm</b>	
<b>1620cc (PJ2W) Diesel</b>		<b>2</b>	<b>96.83mm x 109.98mm</b>	

<b>1B2496</b> Std. 010 020 030 040 050 060	<b>Rod - 2 req'd per engine.</b>	60.312/2.3745	64.033/2.5210	1.834/0.0722	.040/.0016	31.87/1.255	F780	2	2496 IH
		60.325/2.3750	64.046/2.5215		.092/.0036				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 25**
**Main - Suits engines with HJC8 flywheel end.**

60.274/2.3730	65.075/2.5620	2.369/0.0933	.050/.0020	44.60/1.756	F820	1	7942AL Bush
60.287/2.3735	65.100/2.5630		.114/.0045				
60.312/2.3745	64.033/2.5210	1.822/0.0717	.064/.0025	38.22/1.505	F820	2	7943AL IH
60.325/2.3750	64.046/2.5215		.102/.0040				
60.274/2.3730	65.075/2.5620	2.369/0.0933	.050/.0020	53.50/2.106	F820	1	7944AL Bush
60.287/2.3735	65.100/2.5630		.114/.0045				

**3M7942**  
Std. 010 020 030 040 050 060

**Thrust - Suits HJC23 crankshaft.**

65.126/2.5640	84.760/3.3370			2.36/0.093	F1	2	7942T
65.376/2.5739	85.010/3.3468						

**2T7942**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1620cc (PJ2Z) Diesel		2	96.83mm x 109.98mm	
1620cc (PJ2ZW) Diesel		2	96.83mm x 109.98mm	

**26**
**Rod - 2 req'd per engine.**

60.312/2.3745	64.033/2.5210	1.834/0.0722	.040/.0016	31.87/1.255	F780	2	2496 IH
60.325/2.3750	64.046/2.5215		.092/.0036				

**1B2496**  
Std. 010 020 030 040 050 060

**Main**

60.274/2.3730	65.075/2.5620	2.369/0.0933	.050/.0020	44.60/1.756	F820	1	7942AL Bush
60.287/2.3735	65.100/2.5630		.114/.0045				
60.312/2.3745	64.033/2.5210	1.822/0.0717	.064/.0025	38.22/1.505	F820	2	7943AL IH
60.325/2.3750	64.046/2.5215		.102/.0040				
60.274/2.3730	65.075/2.5620	2.369/0.0933	.050/.0020	53.50/2.106	F820	1	7944AL Bush
60.287/2.3735	65.100/2.5630		.114/.0045				

**3M7942**  
Std. 010 020 030 040 050 060

**Thrust - Suits HJC23 crankshaft.**

65.126/2.5640	84.760/3.3370			2.36/0.093	F1	2	7942T
65.376/2.5739	85.010/3.3468						

**2T7942**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1655cc (SR3) Diesel		3	88.9mm x 88.9mm	

**27**
**Rod - 3 req'd per engine.**

57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	31.88/1.255	F780	2	2566 IH
57.112/2.2485	60.846/2.3955		.103/.0041				

**1B2566**  
Std. 25 50 75 1.0 1.25 1.50

**Main**

57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	44.58/1.755	F780	4	2567 U/L
57.112/2.2485	60.846/2.3955		.103/.0041				
57.099/2.2480	60.820/2.3945	1.835/0.0722	.038/.0015	31.87/1.255	F780	4	2568 U/L
57.112/2.2485	60.846/2.3955		.103/.0041				

**4M2567**  
Std. 010 020 030 040 050 060

**Thrust**

64.770/2.5500	79.930/3.1468			2.36/0.093	F250	4	7882T U/L
65.020/2.5598	80.190/3.1571						

**2T7882**  
Std.

**Small End - not bored, single pieces.**

	32.651/1.2855			33.04/1.301	F100	1	RB4079
	32.671/1.2863						

**RB4079**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1855cc (HA2) Diesel		2	101.65mm x 114.3mm	
1855cc (HB2) Diesel		2	101.65mm x 114.3mm	
1855cc (HW2) Diesel		2	101.65mm x 114.3mm	

**28**
**Rod - 2 req'd per engine.**

66.637/2.6235	70.879/2.7905	2.092/0.0824	.045/.0018	38.22/1.505	F780	2	2530 IH
66.650/2.6240	70.891/2.7910		.096/.0038				

**1B2530**  
Std. 010 020 030 040 050 060

**Main - Position 1 & 3 (2 req'd per engine).**

76.175/2.9990	80.416/3.1660	2.092/0.0824	.045/.0018	38.22/1.505	F780	2	2533 U/L
76.187/2.9995	80.442/3.1670		.109/.0043				

**1M2533**  
Std. 010 020 030 040 050 060

**Main - Centre Bearing (1 req'd per engine).**

76.175/2.9990	80.416/3.1660	2.092/0.0824	.045/.0018	38.22/1.505	F780	2	2534 U/L
76.187/2.9995	80.442/3.1670		.109/.0043				

**1M2534**  
Std. 010 020 030 040 050 060

# LISTER PETTER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>28 (Cont'd.)</b>									
<b>2T2534</b> Std.	Thrust	83.330/3.2807	98.750/3.8878			2.36/0.093	F250	4	2534T
		83.590/3.2909	99.010/3.8980						U/L
<b>RB4083</b> Semi	Small End - not bored, single pieces.	36.507/1.4373	40.480/1.5937			36.75/1.447	F100	1	RB4083
		36.515/1.4376	40.513/1.5950						
<b>29 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				<b>3</b>	<b>95.25mm x 88.9mm</b>				
				<b>3</b>	<b>95.25mm x 88.9mm</b>				
<b>1B2550</b> Std. 010 020 030 040 050 060	Rod - 3 req'd per engine.	63.487/2.4995	67.208/2.6460	1.839/0.0724	.030/.0012	31.75/1.250	F780	2	2550
		63.500/2.5000	67.221/2.6465		.082/.0032				IH
<b>1M2551</b> Std. 010 020 030 040 050 060	Main - Position 1 & 4 (2 req'd per engine).	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	44.45/1.750	F780	2	2551
		63.487/2.4995	67.221/2.6465		.094/.0037				U/L
<b>1M2552</b> Std. 010 020 030 040 050 060	Main - Centre Bearing (2 req'd per engine).	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	31.75/1.250	F780	2	2552
		63.487/2.4995	67.221/2.6465		.094/.0037				U/L
<b>2T1642</b> Std.	Thrust	68.960/2.7150	85.600/3.3701			2.36/0.093	F250	4	1642T
		69.210/2.7248	85.850/3.3799						U/L
<b>RB4084</b> Semi	Small End - not bored, single pieces.	33.332/1.3123	36.512/1.4375			33.78/1.330	F100	1	RB4084
		33.337/1.3125	36.538/1.4385						
<b>30 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				<b>3</b>					
				<b>3</b>	<b>95.3mm x 88.9mm</b>				
				<b>3</b>	<b>98.4mm x 101.6mm</b>				
<b>1B2553</b> Std. 010 020 030 040 050 060	Rod - 3 req'd per engine.	63.487/2.4995	67.208/2.6460	1.835/0.0722	.038/.0015	25.53/1.005	F780	2	2553
		63.500/2.5000	67.221/2.6465		.080/.0031				IH
<b>1M2552</b> Std. 010 020 030 040 050 060	Main - Centre Bearing Housing (2 req'd per engine).	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	31.75/1.250	F780	2	2552
		63.487/2.4995	67.221/2.6465		.094/.0037				U/L
<b>1M2554</b> Std. 010 020 030 040 050 060	Main - Crankcase.	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	31.75/1.250	F780	2	2554
		63.487/2.4995	67.221/2.6465		.094/.0037				U/L
<b>1M2559</b> Std. 010 020 030 040 050 060	Main - Main Bearing Housing.	63.475/2.4990	67.196/2.6455	1.839/0.0724	.031/.0012	31.75/1.250	F780	2	2559
		63.487/2.4995	67.221/2.6465		.094/.0037				U/L
<b>1T2555</b> Std.	Thrust	72.000/2.8346	91.900/3.6181			2.36/0.093	F250	2	2555T
		72.250/2.8445	92.150/3.6279						U/L
<b>RB4084</b> Semi	Small End - not bored, single pieces.	33.332/1.3123	36.512/1.4375			33.78/1.330	F100	1	RB4084
		33.337/1.3125	36.538/1.4385						
<b>31 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				<b>2</b>	<b>107.95mm x 114.3mm</b>				
				<b>2</b>	<b>107.95mm x 114.3mm</b>				
				<b>2</b>	<b>107.95mm x 114.3mm</b>				
<b>1B2540</b> Std. 010 020 030 040 050 060	Rod - 2 req'd per engine.	69.817/2.7487	74.054/2.9155	2.089/0.0822	.046/.0018	36.63/1.442	F780	2	2540
		69.830/2.7492	74.066/2.9160		.097/.0038				IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 31</b>									
<b>Main - Position 1 &amp; 3 (2 req'd per engine).</b>									
	82.525/3.2490 82.537/3.2495	86.766/3.4160 86.792/3.4170	2.089/0.0822	.051/.0020 .115/.0045	36.63/1.442	F780	2	2544 U/L	<b>1M2544</b> Std. 010 020 030 040 050 060
<b>Main - Centre Bearing (1 req'd per engine).</b>									
	82.525/3.2490 82.537/3.2495	86.766/3.4160 86.792/3.4170	2.089/0.0822	.050/.0020 .115/.0045	36.62/1.442	F780	2	2545 U/L	<b>1M2545</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	91.310/3.5949 91.690/3.6098	112.340/4.4228 112.720/4.4378			3.17/0.125	F250	4	2545T U/L	<b>2T2545</b> Std.
<b>Small End - not bored, single pieces.</b>									
	39.688/1.5625 39.683/1.5623	43.657/1.7188 43.692/1.7202			36.40/1.433	F100	1	RB4085	<b>RB4085</b> Semi
<b>32</b>									
<b>ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>2394cc (TX3) Diesel 3 100mm x 101.6mm</b>									
<b>Rod - 3 req'd per engine.</b>									
	63.487/2.4995 63.500/2.5000	67.208/2.6460 67.221/2.6465	1.835/0.0722	.038/.0015 .084/.0033	25.53/1.005	F780	2	2560 U/L	<b>1B2560</b> Std. 010 020 030 040
<b>Main - Centre Bearing Housing (2 req'd per engine).</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2552 U/L	<b>1M2552</b> Std. 010 020 030 040 050 060
<b>Main - Crankcase.</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2554 U/L	<b>1M2554</b> Std. 010 020 030 040 050 060
<b>Main - Main Bearing Housing.</b>									
	63.475/2.4990 63.487/2.4995	67.196/2.6455 67.221/2.6465	1.839/0.0724	.031/.0012 .094/.0037	31.75/1.250	F780	2	2559 U/L	<b>1M2559</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	72.000/2.8346 72.250/2.8445	91.900/3.6181 92.150/3.6279			2.36/0.093	F250	2	2555T U/L	<b>1T2555</b> Std.
<b>Small End - not bored, single pieces.</b>									
	39.688/1.5625 39.683/1.5623	43.657/1.7188 43.692/1.7202			36.40/1.433	F100	1	RB4085	<b>RB4085</b> Semi
<b>33</b>									
<b>ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1596cc (P600/2) Diesel 2 100mm x 101.6mm</b>									
<b>2394cc (P600/3) Diesel 3 100mm x 101.6mm</b>									
<b>Rod</b>									
	63.487/2.4995 63.500/2.5000	67.208/2.6460 67.221/2.6465	1.835/0.0722	.038/.0015 .080/.0031	25.53/1.005	F780	2	2553 IH	<b>1B2553</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	72.000/2.8346 72.250/2.8445	91.900/3.6181 92.150/3.6279			2.36/0.093	F250	2	2555T U/L	<b>1T2555</b> Std.
<b>34</b>									
<b>ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>2429cc (PJ3) Diesel 3 96.82mm x 109.98mm</b>									
<b>2429cc (PJ3W) Diesel 3 96.82mm x 109.98mm</b>									
<b>3239cc (PJ4) Diesel 4 96.82mm x 109.98mm</b>									
<b>3239cc (PJ4W) Diesel 4 96.82mm x 109.98mm</b>									
<b>Rod</b>									
	60.312/2.3745 60.325/2.3750	64.033/2.5210 64.046/2.5215	1.834/0.0722	.040/.0016 .092/.0036	31.87/1.255	F780	2	2496 IH	<b>1B2496</b> Std. 010 020 030 040 050 060
<b>Thrust - Suits HJC23 crankshaft.</b>									
	65.126/2.5640 65.376/2.5739	84.760/3.3370 85.010/3.3468			2.36/0.093	F1	2	7942T	<b>2T7942</b> Std.

# LISTER PETTER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>35 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
2783cc (HA3) Diesel			3	101.65mm x 114.3mm					
2783cc (HB3) Diesel			3	101.65mm x 114.3mm					
2783cc (HW3) Diesel			3	101.65mm x 114.3mm					
<b>35 ENGINE</b>									
<b>1B2530</b> Std. 010 020 030 040 050 060	Rod - 3 req'd per engine.								
	66.637/2.6235 66.650/2.6240	70.879/2.7905 70.891/2.7910		2.092/0.0824	.045/.0018 .096/.0038	38.22/1.505	F780	2	2530 IH
<b>1M2533</b> Std. 010 020 030 040 050 060	Main - Position 1 & 4 (2 req'd per engine).								
	76.175/2.9990 76.187/2.9995	80.416/3.1660 80.442/3.1670		2.092/0.0824	.045/.0018 .109/.0043	38.22/1.505	F780	2	2533 U/L
<b>1M2534</b> Std. 010 020 030 040 050 060	Main - Centre Bearing (2 req'd per engine).								
	76.175/2.9990 76.187/2.9995	80.416/3.1660 80.442/3.1670		2.092/0.0824	.045/.0018 .109/.0043	38.22/1.505	F780	2	2534 U/L
<b>2T2534</b> Std.	Thrust								
	83.330/3.2807 83.590/3.2909	98.750/3.8878 99.010/3.8980				2.36/0.093	F250	4	2534T U/L
<b>RB4083</b> Semi	Small End - not bored, single pieces.								
	36.507/1.4373 36.515/1.4376	40.480/1.5937 40.513/1.5950				36.75/1.447	F100	1	RB4083
<b>36 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
3138cc (HR3) Diesel			3	107.95mm x 114.3mm					
3138cc (HR3G) Diesel			3	107.95mm x 114.3mm					
3138cc (HRW3) Diesel			3	107.95mm x 114.3mm					
<b>36 ENGINE</b>									
<b>1B2540</b> Std. 010 020 030 040 050 060	Rod - 3 req'd per engine.								
	69.817/2.7487 69.830/2.7492	74.054/2.9155 74.066/2.9160		2.089/0.0822	.046/.0018 .097/.0038	36.63/1.442	F780	2	2540 IH
<b>1M2544</b> Std. 010 020 030 040 050 060	Main - Position 1 & 4 (2 req'd per engine).								
	82.525/3.2490 82.537/3.2495	86.766/3.4160 86.792/3.4170		2.089/0.0822	.051/.0020 .115/.0045	36.63/1.442	F780	2	2544 U/L
<b>1M2545</b> Std. 010 020 030 040 050 060	Main - Centre Bearing (2 req'd per engine).								
	82.525/3.2490 82.537/3.2495	86.766/3.4160 86.792/3.4170		2.089/0.0822	.050/.0020 .115/.0045	36.62/1.442	F780	2	2545 U/L
<b>2T2545</b> Std.	Thrust								
	91.310/3.5949 91.690/3.6098	112.340/4.4228 112.720/4.4378				3.17/0.125	F250	4	2545T U/L
<b>RB4085</b> Semi	Small End - not bored, single pieces.								
	39.688/1.5625 39.683/1.5623	43.657/1.7188 43.692/1.7202				36.40/1.433	F100	1	RB4085
<b>37 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
3138cc (HL3) Diesel			3	107.95mm x 114.3mm					
<b>37 ENGINE</b>									
<b>1B2540</b> Std. 010 020 030 040 050 060	Rod - 3 req'd per engine.								
	69.817/2.7487 69.830/2.7492	74.054/2.9155 74.066/2.9160		2.089/0.0822	.046/.0018 .097/.0038	36.63/1.442	F780	2	2540 IH
<b>1M2545</b> Std. 010 020 030 040 050 060	Main - All positions (4 req'd per engine).								
	82.525/3.2490 82.537/3.2495	86.766/3.4160 86.792/3.4170		2.089/0.0822	.050/.0020 .115/.0045	36.62/1.442	F780	2	2545 U/L
<b>2T2545</b> Std.	Thrust								
	91.310/3.5949 91.690/3.6098	112.340/4.4228 112.720/4.4378				3.17/0.125	F250	4	2545T U/L
<b>RB4085</b> Semi	Small End - not bored, single pieces.								
	39.688/1.5625 39.683/1.5623	43.657/1.7188 43.692/1.7202				36.40/1.433	F100	1	RB4085

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>38</b>
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
<b>3710cc (HA4) Diesel</b>			4		<b>101.65mm x 114.3mm</b>				
<b>3710cc (HB4) Diesel</b>			4		<b>101.65mm x 114.3mm</b>				
<b>3710cc (HW4) Diesel</b>			4		<b>101.65mm x 114.3mm</b>				
<b>Rod - 4 req'd per engine.</b>									
	66.637/2.6235 66.650/2.6240	70.879/2.7905 70.891/2.7910	2.092/0.0824	.045/.0018 .096/.0038	38.22/1.505	F780	2	2530 IH	<b>1B2530</b> Std. 010 020 030 040 050 060
<b>Main - All positions (5 req'd per engine).</b>									
	76.175/2.9990 76.187/2.9995	80.416/3.1660 80.442/3.1670	2.092/0.0824	.045/.0018 .109/.0043	38.22/1.505	F780	2	2534 U/L	<b>1M2534</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	83.330/3.2807 83.590/3.2909	98.750/3.8878 99.010/3.8980			2.36/0.093	F250	4	2534T U/L	<b>2T2534</b> Std.
<b>Small End - not bored, single pieces.</b>									
	36.507/1.4373 36.515/1.4376	40.480/1.5937 40.513/1.5950			36.75/1.447	F100	1	RB4083	<b>RB4083</b> Semi
<b>ENGINE</b>									<b>39</b>
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
<b>4184cc (HL4) Diesel</b>			4		<b>107.95mm x 114.3mm</b>				
<b>4184cc (HR4) Diesel</b>			4		<b>107.95mm x 114.3mm</b>				
<b>4184cc (HRW4) Diesel</b>			4		<b>107.95mm x 114.3mm</b>				
<b>Rod - 4 req'd per engine.</b>									
	69.817/2.7487 69.830/2.7492	74.054/2.9155 74.066/2.9160	2.089/0.0822	.046/.0018 .097/.0038	36.63/1.442	F780	2	2540 IH	<b>1B2540</b> Std. 010 020 030 040 050 060
<b>Main - All positions (5 req'd per engine).</b>									
	82.525/3.2490 82.537/3.2495	86.766/3.4160 86.792/3.4170	2.089/0.0822	.050/.0020 .115/.0045	36.62/1.442	F780	2	2545 U/L	<b>1M2545</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	91.310/3.5949 91.690/3.6098	112.340/4.4228 112.720/4.4378			3.17/0.125	F250	4	2545T U/L	<b>2T2545</b> Std.
<b>Small End - not bored, single pieces.</b>									
	39.688/1.5625 39.683/1.5623	43.657/1.7188 43.692/1.7202			36.40/1.433	F100	1	RB4085	<b>RB4085</b> Semi
<b>ENGINE</b>									<b>40</b>
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
<b>5565cc (HA6) Diesel</b>			6		<b>101.65mm x 114.3mm</b>				
<b>5565cc (HB6) Diesel</b>			6		<b>101.65mm x 114.3mm</b>				
<b>5565cc (HW6) Diesel</b>			6		<b>101.65mm x 114.3mm</b>				
<b>Rod - 6 req'd per engine.</b>									
	66.637/2.6235 66.650/2.6240	70.879/2.7905 70.891/2.7910	2.092/0.0824	.045/.0018 .096/.0038	38.22/1.505	F780	2	2530 IH	<b>1B2530</b> Std. 010 020 030 040 050 060
<b>Main - All positions (7 req'd per engine).</b>									
	76.175/2.9990 76.187/2.9995	80.416/3.1660 80.442/3.1670	2.092/0.0824	.045/.0018 .109/.0043	38.22/1.505	F780	2	2534 U/L	<b>1M2534</b> Std. 010 020 030 040 050 060
<b>Thrust</b>									
	83.330/3.2807 83.590/3.2909	98.750/3.8878 99.010/3.8980			2.36/0.093	F250	4	2534T U/L	<b>2T2534</b> Std.
<b>Small End - not bored, single pieces.</b>									
	36.507/1.4373 36.515/1.4376	40.480/1.5937 40.513/1.5950			36.75/1.447	F100	1	RB4083	<b>RB4083</b> Semi

# LISTER PETTER



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>41</b>	<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
	6277cc (HL6) Diesel		6	107.95mm x 114.3mm					
	6277cc (HLT6) Diesel		6	107.95mm x 114.3mm					
	6277cc (HR6) Diesel		6	107.95mm x 114.3mm					
	6277cc (HRS6) Diesel		6	107.95mm x 114.3mm					
	6277cc (HRW6) Diesel		6	107.95mm x 114.3mm					
	6277cc (HRWS6) Diesel		6	107.95mm x 114.3mm					
<b>1B2540</b> Std. 010 020 030 040 050 060	<b>Rod - 6 req'd per engine.</b>								
	69.817/2.7487	74.054/2.9155	2.089/0.0822	.046/.0018	36.63/1.442	F780	2	2540	IH
	69.830/2.7492	74.066/2.9160		.097/.0038					
<b>1M2545</b> Std. 010 020 030 040 050 060	<b>Main - All positions (7 req'd per engine).</b>								
	82.525/3.2490	86.766/3.4160	2.089/0.0822	.050/.0020	36.62/1.442	F780	2	2545	U/L
	82.537/3.2495	86.792/3.4170		.115/.0045					
<b>2T2545</b> Std.	<b>Thrust</b>								
	91.310/3.5949	112.340/4.4228			3.17/0.125	F250	4	2545T	U/L
	91.690/3.6098	112.720/4.4378							
<b>RB4085</b> Semi	<b>Small End - not bored, single pieces.</b>								
	39.688/1.5625	43.657/1.7188			36.40/1.433	F100	1	RB4085	
	39.683/1.5623	43.692/1.7202							



## LOTUS ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
95 1558cc (1.6).....			L4	62-75	1						

## LOTUS MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ELAN	95	1558	1.6		62-75	ELAN - SPRINT	95	1558	1.6		71-73
ELAN - 2	95	1558	1.6		68-74	EUROPA	95	1558	1.6		71-75
ELAN - 2S	95	1558	1.6		69-70	EUROPA - SPECIAL	95	1558	1.6		72
ELAN - 2S 130	95	1558	1.6		72-74	EUROPA - TWIN	95	1558	1.6		72-74
ELAN - S4	95	1558	1.6		68-71	SEVEN	95	1558	1.6		69-70

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
95 1558cc (1.6)		L4	82.5mm x 72.8mm		

### Rod - Race Series bearing.

49.200/1.9370	52.896/2.0825	1.830/0.0720	.024/.0009	22.35/0.880	F781	8	5216H
49.212/1.9375	52.908/2.0830		.064/.0025				U/L

**4B603H**  
Std. 001 010 020

### Rod - Race Series bearing. Bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized crankshafts.

49.200/1.9370	52.896/2.0825	1.817/0.0715	.049/.0019	22.35/0.880	F781	8	5216HX
49.212/1.9375	52.908/2.0830		.089/.0035				U/L

**4B603HX**  
Std.

### Rod

49.200/1.9370	52.896/2.0825	1.835/0.0722	.015/.0006	22.35/0.880	F780	8	5216
49.212/1.9375	52.908/2.0830		.064/.0025				IH

**4B603P**  
Std. 10 20 30 40

### Main - Race Series bearing.

1-5	53.988/2.1255	57.683/2.2710	1.831/0.0721	.021/.0008	25.52/1.005	F780	10	2152H
	54.000/2.1260	57.696/2.2715		.062/.0024				IH

**5M2152H**  
Std. 001 010 020

### Main - Race Series bearing. Bearings are 0.0005" thinner per half to give 0.001" extra clearance for standard sized crankshafts.

1-5	53.988/2.1255	57.683/2.2710	1.818/0.0716	.046/.0018	25.52/1.005	F780	10	2152HX
	54.000/2.1260	57.696/2.2715		.087/.0034				IH

**5M2152HX**  
Std.

### Main

1-5	53.988/2.1255	57.683/2.2710	1.840/0.0724	.013/.0005	25.53/1.005	F780	10	2152
	54.000/2.1260	57.696/2.2715		.056/.0022				IH

**5M742P**  
Std. 10 20 30 40

### Thrust

3	59.436/2.3400	74.498/2.9330			2.36/0.093	F250	2	2152T
	59.690/2.3500	74.752/2.9430						IH

**1T113S**  
Std. +.005

### Cam Tower

25.400/1.0000	28.587/1.1255	1.584/0.0624	.007/.0003	19.18/0.755	F23	16	5808
25.412/1.0005	28.800/1.1339		.048/.0019				IH
25.400/1.0000	28.587/1.1255	1.584/0.0624	.007/.0003	12.82/0.505	F23	4	5809
25.412/1.0005	28.600/1.1260		.048/.0019				IH

**10C5808**  
Std.

**MAZDA ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1272cc (1.3).....	TC		L4	76-78	1	1998cc (2.0).....	FE SOHC, Turbo		L4	86-87	7
1296cc (1.3).....	E3		L4	80-88	2	2000cc (2.0).....	Duratec		L4	04-05	16
1323cc (1.3).....	B3		L4	87-89	3	2000cc (2.0).....	FS		L4	01-03	12
1415cc (1.4).....	UC		L4	79-80	1	2184cc (2.2).....	R2,Diesel		L4	83-88	13
1484cc (1.5).....	UA		L4	71-77	4	2184cc (2.2).....	F2 SOHC		L4	87-93	7
1489cc (1.5).....	Z5 DOHC		L4	95-98	5	2184cc (2.2).....	F2 SOHC, Turbo		L4	88-92	7
1490cc (1.5).....	E5		L4	81-86	2	2209cc (2.2).....	S2,Diesel		L4	79-88	17
1490cc (1.5).....	(D5)		L4	81-86	2	2254cc (2.3).....	KJ, Supercharged		V6	95-02	18
1498cc (1.5).....	B5		L4	90-90	3	2260cc (2.3).....	Duratec		L4	03-06	20
1586cc (1.6).....	NA		L4	70-77	6	2295cc (2.3).....	OHC (Ford Eng.)	A	L4	94-97	19
1587cc (1.6).....	F6		L4	82-88	7	2492cc (2.5).....	OHC (Ford Eng.)	C	L4	98-01	19
1589cc (1.6).....	16V DOHC (B6Y)		L4	99-01	8	2497cc (2.5).....	KL		V6	93-02	18
1597cc (1.6).....	DOHC (B6)		L4	95-96	8	2497cc (2.5).....	KL	1	V6	96-96	18
1597cc (1.6).....	SOHC & DOHC (B6)		L4	90-94	8	2555cc (2.6).....	AM1 (Mits. G54B)		L4	87-88	21
1597cc (1.6).....	SOHC (B6)		L4	86-89	8	2606cc (2.6).....	G6 SOHC		L4	89-94	22
1597cc (1.6).....	DOHC (B6T), Turbo		L4	88-89	8	2954cc (3.0).....	Duratec		V6	01-04	25
1769cc (1.8).....	VC		L4	73-88	6	2954cc (3.0).....	JE SOHC		V6	88-98	23
1789cc (1.8).....	F8		L4	82-88	7	2954cc (3.0).....	JE SOHC & DOHC		V6	90-95	23
1796cc (1.8).....	VB		L4	72-78	9	2954cc (3.0).....	OHV (Ford Eng.)	U	V6	98-05	24
1839cc (1.8).....	DOHC (BP)		L4	95-02	8	2968cc (3.0).....	Duratec		V6	03-05	25
1839cc (1.8).....	SOHC & DOHC (BP)		L4	90-94	8	2977cc (3.0).....	HA,Diesel		L4	77-90	26
1839cc (1.8).....	(FP)		L4	99-00	12	2983cc (3.0).....	OHV (Ford Eng.)	U	V6	94-96	24
1845cc (1.8).....	K8		V6	92-95	10	183 (3.0).....	Duratec		V6	02-05	25
1970cc (2.0).....	MA		L4	79-84	9	3455cc (3.5).....	SL,Diesel		L4	84-90	26
1985cc (2.0).....	VA		L4	71-79	11	3455cc (3.5).....	SL, Turbo,Diesel		L4	84-90	26
1991cc (2.0).....	DOHC (Zetec)		L4	01-04	15	3784cc (3.8).....	YA,Diesel		L6	69-74	28
1991cc (2.0).....	FS		L4	93-02	12	4016cc (4.0).....	SOHC (Ford Eng.)	E	V6	01-05	29
1998cc (2.0).....	RF20,Diesel		L4	84-87	13	4016cc (4.0).....	OHV (Ford Eng.)	X	V6	91-00	27
1998cc (2.0).....	FE SOHC		L4	83-88	7	4052cc (4.0).....	XB,Diesel		L6	72-80	28
1998cc (2.0).....	FE DOHC, Turbo		L4	88-90	14	4052cc (4.0).....	ZB,Diesel		L6	72-88	28

**MAZDA MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
		2497	2.5	KL	96	929 - S	2954	3.0	JE SOHC & DOHC	90-91	
1200		1586	1.6	NA	71	B1600	1586	1.6	NA	72-76	
3		2000	2.0	Duratec	04	B1800	1796	1.8	VB	77-78	
		2260	2.3	Duratec	04	B2000	1970	2.0	MA	79-84	
3 - I		2000	2.0	Duratec	05		1998	2.0	FE SOHC	86-87	
3 - S		2260	2.3	Duratec	05-06	B2200	2184	2.2	F2 SOHC	87-93	
3 - SP23		2260	2.3	Duratec	05		2209	2.2	S2	82-84	
323		1597	1.6	DOHC	88-89	B2300	2295	2.3	OHC (Ford Eng.)	94-97	
		1597	1.6	SOHC & DOHC (B6)	90-94	B2500	2492	2.5	OHC (Ford Eng.)	98-01	
323 - DX		1597	1.6	SOHC (B6)	86-89	B2600	2555	2.6	AM1 (Mits. G54B)	87-88	
		1839	1.8	SOHC & DOHC (B6)	92-94		2606	2.6	G6 SOHC	89-93	
				SOHC & DOHC (BP)	90-91	B3000	2954	3.0	OHV (Ford Eng.)	98-05	
323 - LX		1839	1.8	SOHC & DOHC (BP)	90-91		2983	3.0	OHV (Ford Eng.)	94-96	
323 - SE		1597	1.6	SOHC & DOHC (B6)	90-93	B4000	4016	4.0	OHV (Ford Eng.)	94-00	
5 - SPORT		2260	2.3	Duratec	06		4016	4.0	SOHC (Ford Eng.)	01-05	
5 - TOURING		2260	2.3	Duratec	06	GLC	1272	1.3	TC	77-78	
6		2260	2.3	Duratec	03-04		1415	1.4	UC	79-80	
		2968	3.0	Duratec	03-04	MIATA	1490	1.5	E5	81-85	
6 - I		2260	2.3	Duratec	05-06		1597	1.6	SOHC & DOHC (B6)	90-93	
6 - S		2968	3.0	Duratec	05		1839	1.8	DOHC (BP)	95-02	
616		1586	1.6	NA	71		1839	1.8	SOHC & DOHC (BP)	94	
618		1796	1.8	VB	72	MIATA - LS	1839	1.8	DOHC (BP)	02	
626		1970	2.0	MA	79-83	MILLENNIA	2254	2.3	KJ	99-01	
		1991	2.0	DOHC (Zetec)	01		2497	2.5	KL	95-02	
		1991	2.0	FS	99-01	MILLENNIA - L	2497	2.5	KL	97	
		1998	2.0	FE SOHC	84-87	MILLENNIA - S	2254	2.3	KJ	95-02	
		1998	2.0	RF20	84-85	MIZER	1272	1.3	TC	76-77	
		2184	2.2	F2 SOHC	88-92	MPV	2606	2.6	G6 SOHC	89-94	
		2497	2.5	KL	99-01		2497	2.5	KL	00-01	
626 - DX		1991	2.0	FS	93-98		183	3.0	Duratec	02-04	
		2184	2.2	F2 SOHC	90-92		2954	3.0	JE SOHC	89-98	
626 - ES		1991	2.0	DOHC (Zetec)	02		2954	3.0	JE SOHC & DOHC	90-95	
		1991	2.0	FS	02	MPV - ES	183	3.0	Duratec	05	
		2497	2.5	KL	93-02	MPV - LX	183	3.0	Duratec	05	
626 - GT		2184	2.2	F2 SOHC	90-91	MX-3	1597	1.6	DOHC (B6)	95	
626 - LE		2184	2.2	F2 SOHC	91		1597	1.6	SOHC & DOHC (B6)	92-94	
626 - LX		1991	2.0	DOHC (Zetec)	02		1845	1.8	K8	92-94	
		1991	2.0	FS	93-02	MX-3 - GS	1845	1.8	K8	92-94	
		2184	2.2	F2 SOHC	90-92	MX-3 - PRECEDIA	1597	1.6	DOHC (B6)	95-96	
		2497	2.5	KL	94-02	MX-6	1991	2.0	FS	93-95	
929		2954	3.0	JE SOHC	88-89		2184	2.2	F2 SOHC	88-92	
		2954	3.0	JE SOHC & DOHC	90-95	MX-6 - DX	2184	2.2	F2 SOHC	91-92	
						MX-6 - GT	2184	2.2	F2 SOHC	88-92	

**MAZDA MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
MX-6 - LS		2497	2.5	KL	93-97	PROTEGE - LX	1489	1.5	Z5 DOHC		96-98
MX-6 - LX		2184	2.2	F2 SOHC	91-92		1839	1.8	SOHC & DOHC (BP)		90-94
MX-6 - RS		1991	2.0	FS	96-97						
NAVAJO - DX		4016	4.0	OHV (Ford Eng.)	92-94		2000	2.0	FS		02-03
NAVAJO - LX		4016	4.0	OHV (Ford Eng.)	91-94	PROTEGE - MP3		2000	2.0	FS	01
PROTEGE		1489	1.5	Z5 DOHC	95	PROTEGE - S		1839	1.8	DOHC (BP)	95
		1589	1.6	16V DOHC (B6Y)	99-01	PROTEGE - SE		1839	1.8	SOHC & DOHC (BP)	90
		1839	1.8	DOHC (BP)	99-00						
		1839	1.8	SOHC & DOHC (BP)	94	PROTEGE5		2000	2.0	FS	02
		2000	2.0	FS	01	TRIBUTE		1991	2.0	DOHC (Zetec)	01
PROTEGE - 4WD		1839	1.8	SOHC & DOHC (BP)	90-91			1991	2.0	FS	01
PROTEGE - DX		1489	1.5	Z5 DOHC	96-98	TRIBUTE - DX		2954	3.0	Duratec	01
		1839	1.8	SOHC & DOHC (BP)	91-94			1991	2.0	DOHC (Zetec)	02-04
		2000	2.0	FS	02-03			1991	2.0	FS	02
PROTEGE - ES		1839	1.8	DOHC (BP)	95-98	TRIBUTE - ES		2954	3.0	Duratec	02
		2000	2.0	FS	02-03	TRIBUTE - LX		2954	3.0	Duratec	02-04
PROTEGE - GT		1839	1.8	SOHC & DOHC (BP)	90-91						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1272cc (1.3) TC		L4	73mm x 76mm	Connecting Rod 25-29 ft.lbs/34-39 Nm	
1415cc (1.4) UC		L4	77mm x 76mm	Main Bearing 44-47 ft.lbs/59-64 Nm	

<b>Rod</b>	39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.509/0.0594	.028/.0011 .079/.0031	17.00/0.669	F820	8	8331AL IH	<b>4B8331</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-5	49.939/1.9661 49.954/1.9667	54.000/2.1260 54.020/2.1268	2.009/0.0791	.028/.0011 .079/.0031	19.00/0.748	F820	10	8334AL IH	<b>5M8334</b> Std. .25 .50 .75 1.0 1.50
<b>Thrust</b>									
5	57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098			2.00/0.079	F250	4	8334T U/L	<b>2T8334</b> Std.

Note: Set includes four pieces, use on No.5 position. Required with 5M8334 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
1296cc (1.3) E3		L4	77mm x 69.6mm	Connecting Rod 22-25 ft.lbs/30-34 Nm	
1490cc (1.5) E5		L4	77mm x 80mm	Main Bearing 48-51 ft.lbs/66-70 Nm	
1490cc (1.5) (D5)		L4	77mm x 80mm		

<b>Rod</b>	39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.509/0.0594	.028/.0011 .079/.0031	17.00/0.669	F820	8	8331AL IH	<b>4B8331</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-5	49.939/1.9661 49.954/1.9667	54.000/2.1260 54.020/2.1268	2.009/0.0791	.028/.0011 .079/.0031	19.00/0.748	F820	10	8334AL IH	<b>5M8334</b> Std. .25 .50 .75 1.0 1.50
<b>Thrust</b>									
5	57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098			2.00/0.079	F250	4	8334T U/L	<b>2T8334</b> Std.

Note: Set includes four pieces, use on No.5 position. Required with 5M8334 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	3
1323cc (1.3) B3		L4	71mm x 83.6mm	Connecting Rod 21-25 ft.lbs/29-34 Nm	
1498cc (1.5) B5		L4	78mm x 78.4mm	Main Bearing 40-44 ft.lbs/54-59 Nm	

<b>Rod</b>	39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.509/0.0594	.028/.0011 .079/.0031	17.00/0.669	F820	8	8331AL IH	<b>4B8331</b> Std. .25 .50 .75 1.0
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# MAZDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 (Cont'd.)</b>									
<b>5M8353</b> Std. .25 .50 .75 1.0	<b>Main - Half groove set.</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/.0009 .076/.0030	17.50/0.689	F810	5	8354A U
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/.0009 .076/.0030	17.50/0.689	F810	5	8353A L
	<b>Main - Full groove set.</b>								
<b>5M8354</b> Std. .25 .50	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.016/.0006 .070/.0028	17.50/0.689	F810	10	8354A IH
	<b>Thrust</b>								
<b>1T8353</b> Std.	4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH
	<i>Note: Set includes two pieces. Required with 5M8353 main set.</i>								

<b>4 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>1484cc (1.5) UA</b>		<b>L4</b>	<b>75mm x 84mm</b>	<b>Connecting Rod 35-38 ft.lbs/47-52 Nm</b> <b>Main Bearing 61-65 ft.lbs/82-88 Nm</b>					

<b>4B1155</b> Std. .25 .50 .75	<b>Rod</b>								
		49.935/1.9660 49.955/1.9667	53.000/2.0866 53.020/2.0874	1.510/0.0594	.025/.0010 .081/.0034	20.90/0.823	F820	8	1155AL IH
<b>3M1757</b> Std. .25 .50 .75 1.0	<b>Main - Overflange length increases for undersizes. * See below for dimensional information.</b>								
	1	62.940/2.4779 62.955/2.4785	67.005/2.6380 67.020/2.6386	2.008/0.0791	.034/.0013 .080/.0031	24.63/0.970	F820	2	1757AL IH
	2 (FL)	62.940/2.4779 62.955/2.4785	67.005/2.6380 67.020/2.6386	2.008/0.0791	.034/.0013 .080/.0031	36.02/1.418	F820	2	1758AL IH
	3	62.940/2.4779 62.955/2.4785	67.005/2.6380 67.020/2.6386	2.008/0.0791	.034/.0013 .080/.0031	30.13/1.186	F820	2	1759AL IH
<b>* DIMENSIONAL INFORMATION FOR 3M1757</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.25 u/s shaft	1.424"/36.17mm	+0.006"/0.15mm			
				.50 u/s shaft	1.427"/36.25mm	+0.009"/0.23mm			
				.75 u/s shaft	1.430"/36.32mm	+0.012"/0.30mm			
				1.0 u/s shaft	1.433"/36.40mm	+0.015"/0.38mm			

<b>5 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>1489cc (1.5) Z5 DOHC</b>		<b>L4</b>	<b>75.3mm x 83.6mm</b>	<b>Connecting Rod 22-25 ft.lbs/30-34 Nm</b> <b>Main Bearing 22-27 ft.lbs/30-37 Nm Step 1</b> <b>Main Bearing 40-43 ft.lbs/54-58 Nm Step 2</b>					

<b>4B8331</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.509/0.0594	.028/.0011 .079/.0031	17.00/0.669	F820	8	8331AL IH
<b>5M8353</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/.0009 .076/.0030	17.50/0.689	F810	5	8354A U
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/.0009 .076/.0030	17.50/0.689	F810	5	8353A L
	<b>Thrust</b>								
<b>1T8353</b> Std.	4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH
	<i>Note: Set includes two pieces. Required with 5M8353 main set.</i>								

<b>6 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>1586cc (1.6) NA</b> <b>1769cc (1.8) VC</b>		<b>L4</b> <b>L4</b>	<b>78mm x 83mm</b> <b>80mm x 88mm</b>	<b>Connecting Rod 32 ft.lbs/43 Nm</b> <b>Main Bearing 63 ft.lbs/85 Nm</b>					

<b>4B1151</b> Std. .25 .50 .75 1.0	<b>Rod - for engines 1970-79.</b>								
		52.941/2.0843 52.955/2.0848	56.002/2.2048 56.017/2.2054	1.510/0.0594	.030/.0012 .086/.0034	21.97/0.865	F820	8	1151AL IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b> <b>6</b>									
<b>Rod - For engines from 1980 on.</b>									
	52.940/2.0842 52.955/2.0848	56.005/2.2049 56.020/2.2055	1.510/0.0594	.030/.0012 .086/.0034	20.80/0.819	F780	8	1756 IH	<b>4B1756</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,2,4	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/0.0790	.030/.0012 .071/.0028	18.00/0.709	F820	6	1627AL IH	<b>5M1627</b> Std. .25 .50 .75 1.0
3,5	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/0.0790	.030/.0012 .071/.0028	24.00/0.945	F820	4	1628AL U/L	
<b>Thrust</b>									
5	69.850/2.7500 70.010/2.7563	85.470/3.3650 85.725/3.3750			2.03/0.080	F1	4	4162T U/L	<b>2T4162</b> Std.
<i>Note: Set includes four pieces, use on No.5 position. Required with 5M1627 main set.</i>									
<b>Cam</b>									
1	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/0.0793	.020/.0008 .076/.0030	24.00/0.945	F23	2	8276 IH	<b>3C8276</b> Std.
2,3	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/0.0793	.020/.0008 .076/.0030	18.00/0.709	F23	4	8277 U/L	
<b>Small End - not bored - single pieces.</b>									
	22.000/0.8661 (Nominal)	25.000/0.9843 (Nominal)			28.07/1.105	F100	1	RB4017	<b>RB4017</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>1587cc (1.6) F6</b>		<b>L4</b>	<b>81mm x 77mm</b>	<b>Connecting Rod 37-41 ft.lbs/50-55 Nm</b> <b>Main Bearing 61-68 ft.lbs/82-92 Nm</b>
<b>1789cc (1.8) F8</b>		<b>L4</b>	<b>86mm x 77mm</b>	
<b>1998cc (2.0) FE SOHC</b>		<b>L4</b>	<b>86mm x 86mm</b>	
<b>1998cc (2.0) FE SOHC Turbo</b>		<b>L4</b>	<b>86mm x 86mm</b>	
<b>2184cc (2.2) F2 SOHC</b>		<b>L4</b>	<b>86mm x 94mm</b>	
<b>2184cc (2.2) F2 SOHC Turbo</b>		<b>L4</b>	<b>86mm x 94mm</b>	

<b>Rod</b>									
	50.940/2.0055 50.955/2.0061	54.002/2.1261 54.017/2.1266	1.510/0.0594	.027/.0011 .083/.0033	21.13/0.832	F810	8	2130A IH	<b>4B2130</b> Std. .25 .50 .75 1.0
<b>Main - for (F6 &amp; FE engs from 4/87 on),(F8 engs from 3/88 on),(F2 engs from 1/87 on) - half groove.</b>									
1-5	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F780	5	8133 L	<b>5M8133</b> Std. .25 .50 .75 1.0
1,2,4,5	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F780	4	8134 U	
3 (F1)	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793	.017/.0007 .071/.0028	27.99/1.102	F780	1	8135 U	

Overflange length increases for undersizes. \*See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 5M8133**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.106"/28.09mm	+0.004"/0.10mm
0.50 mm u/s shaft	1.109"/28.17mm	+0.007"/0.18mm
0.75 mm u/s shaft	1.112"/28.25mm	+0.010"/0.26mm
1.00 mm u/s shaft	1.115"/28.33mm	+0.013"/0.34mm

**Main - for (F6 & FE engs to 3/87),(F8 engs to 2/88) - full groove.**

1,2,4,5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F780	8	8134 IH	<b>5M8134</b> Std. .25 .50 .75 1.0
3 (F1)	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/.0007 .071/.0028	27.99/1.102	F780	1	8135 U	
3	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F780	1	8134 L	

Overflange length increases for undersizes. \*See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 5M8134**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.106"/28.09mm	+0.004"/0.10mm
0.50 mm u/s shaft	1.109"/28.17mm	+0.007"/0.18mm
0.75 mm u/s shaft	1.112"/28.25mm	+0.010"/0.26mm
1.00 mm u/s shaft	1.115"/28.33mm	+0.013"/0.34mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 7 (Cont'd.)

<b>Main - Standard width flange version of 5M8134. (NO increase in flange width with undersize)</b>									
5M8137 .25 .50 .75	1,2,4,5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F810	8	8134A IH
	3 (FI)	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/.0007 .071/.0028	27.99/1.102	F810	1	8137A U
	3	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F810	1	8134A L

### 8 ENGINE

VIN CYL Bore x Stroke

TORQUE SETTINGS

1589cc (1.6) 16V DOHC (B6Y)	L4	78mm x 84mm	Connecting Rod 35-38 ft.lbs/47-52 Nm (SOHC)
1597cc (1.6) DOHC (B6)	L4	78mm x 84mm	Connecting Rod 37-40 ft.lbs/50-54 Nm (DOHC)
1597cc (1.6) SOHC & DOHC (B6)	L4	78mm x 84mm	Main Bearing 40-43 ft.lbs/54-58 Nm (All engines)
1597cc (1.6) SOHC (B6)	L4	78mm x 84mm	
1597cc (1.6) DOHC (B6T) Turbo	L4	78mm x 84mm	
1839cc (1.8) DOHC (BP)	L4	83mm x 85mm	
1839cc (1.8) SOHC & DOHC (BP)	L4	83mm x 85mm	

4B8351 Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.940/1.7693 44.956/1.7699	47.996/1.8896 48.016/1.8904	1.510/0.0594	.020/.0008 .071/.0028	17.00/0.669	F810	8	8351A IH
5M8353 Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/.0009 .076/.0030	17.50/0.689	F810	5	8354A U
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/.0009 .076/.0030	17.50/0.689	F810	5	8353A L
5M8354 Std. .25 .50	<b>Main - Full groove set.</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.016/.0006 .070/.0028	17.50/0.689	F810	10	8354A IH
1T8353 Std.	<b>Thrust</b>								
	4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M8353 main set.</i>									
RB4108 Semi	<b>Small End - suits DOHC engines only.</b>								
		19.993/0.7871 (Nominal)	23.000/0.9055 (Nominal)			21.80/0.858	F100	1	RB4108

### 9 ENGINE

VIN CYL Bore x Stroke

TORQUE SETTINGS

1796cc (1.8) VB	L4	78mm x 94mm	Connecting Rod 30 ft.lbs/41 Nm (1972-74 engines only)
1970cc (2.0) MA	L4	80mm x 98mm	Connecting Rod 31 ft.lbs/42 Nm (1975-85 engines only)
			Main Bearing 60 ft.lbs/81 Nm (1972-74 engines)
			Main Bearing 63 ft.lbs/85 Nm (1975-85 engines)

4B1626 Std. .25 .50 .75 1.0	<b>Rod</b>								
		52.941/2.0843 52.954/2.0848	56.002/2.2048 56.017/2.2054	1.510/0.0594	.028/.0011 .071/.0028	21.97/0.865	F820	8	1626AL IH
5M1627 Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/0.0790	.030/.0012 .071/.0028	18.00/0.709	F820	6	1627AL IH
	3,5	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/0.0790	.030/.0012 .071/.0028	24.00/0.945	F820	4	1628AL U/L
2T4162 Std.	<b>Thrust</b>								
	5	69.850/2.7500 70.010/2.7563	85.470/3.3650 85.725/3.3750			2.03/0.080	F1	4	4162T U/L
<i>Note: Set includes four pieces, use on No.5 position. Required with 5M1627 main set.</i>									
3C8276 Std.	<b>Cam</b>								
	1	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/0.0793	.020/.0008 .076/.0030	24.00/0.945	F23	2	8276 IH
	2,3	44.945/1.7695 44.961/1.7701	49.009/1.9295 49.032/1.9304	2.014/0.0793	.020/.0008 .076/.0030	18.00/0.709	F23	4	8277 U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>9</b>

**Small End - not bored - single pieces.**

	22.000/0.8661 (Nominal)	25.000/0.9843 (Nominal)			28.07/1.105	F100	1	RB4017	<b>RB4017</b> Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1845cc (1.8) K8</b>		<b>V6</b>	<b>75mm x 69.6mm</b>	<b>Connecting Rod 16-19 ft.lbs + 89-95 deg</b> <b>Main Bearing Consult Service Manual</b>					

<b>Rod</b>	47.935/1.8872 47.955/1.8880	51.000/2.0079 51.017/2.0085	1.512/0.0595	.021/.0008 .083/.0033	17.00/0.669	F780	12	8146 IH	<b>6B8146</b> Std. .25 .50 .75
<b>Main</b>									
1,2,3	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/0.0986	.034/.0013 .102/.0040	18.12/0.713	F780	6	8147 U/L	<b>4M8147</b> Std. .25 .50 .75
4	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/0.0986	.034/.0013 .102/.0040	22.12/0.871	F780	2	8148 U/L	
<b>Thrust</b>									
	68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496			2.05/0.081	F817	4	8352T U/L	<b>2T8352</b> Std.

Note: Set includes four pieces, use on No.4 position. Required with 4M8147 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1985cc (2.0) VA</b>		<b>L4</b>	<b>82mm x 94mm</b>	<b>Connecting Rod 35-38 ft.lbs/47-52 Nm</b> <b>Main Bearing 61-65 ft.lbs/82-88 Nm</b>					

<b>Rod</b>	52.940/2.0842 52.955/2.0848	56.005/2.2049 56.020/2.2055	1.510/0.0594	.030/.0012 .086/.0034	20.80/0.819	F780	8	1756 IH	<b>4B1756</b> Std. .25 .50 .75 1.0
<b>Main - Overflange length increases for undersizes. * See below for dimensional information.</b>									
1	62.940/2.4779 62.955/2.4785	67.005/2.6380 67.020/2.6386	2.008/0.0791	.034/.0013 .080/.0031	24.63/0.970	F820	2	1757AL IH	<b>3M1757</b> Std. .25 .50 .75 1.0
2 (FL)	62.940/2.4779 62.955/2.4785	67.005/2.6380 67.020/2.6386	2.008/0.0791	.034/.0013 .080/.0031	36.02/1.418	F820	2	1758AL IH	
3	62.940/2.4779 62.955/2.4785	67.005/2.6380 67.020/2.6386	2.008/0.0791	.034/.0013 .080/.0031	30.13/1.186	F820	2	1759AL IH	
<b>* DIMENSIONAL INFORMATION FOR 3M1757</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
	.25 u/s shaft			1.424"/36.17mm	+0.006"/0.15mm				
	.50 u/s shaft			1.427"/36.25mm	+0.009"/0.23mm				
	.75 u/s shaft			1.430"/36.32mm	+0.012"/0.30mm				
	1.0 u/s shaft			1.433"/36.40mm	+0.015"/0.38mm				

**Small End - not bored - single pieces.**

	22.000/0.8661 (Nominal)	25.000/0.9843 (Nominal)			28.07/1.105	F100	1	RB4017	<b>RB4017</b> Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1839cc (1.8) (FP)</b> <b>1991cc (2.0) FS</b> <b>2000cc (2.0) FS</b>		<b>L4</b> <b>L4</b> <b>L4</b>	<b>83mm x 92mm</b> <b>83mm x 92mm</b>	<b>Connecting Rod 16-19 ft.lbs + 90 deg</b> <b>Main Bearing 13-16 ft.lbs + 90 deg</b>					

<b>Rod</b>	47.940/1.8874 47.955/1.8880	51.000/2.0079 51.015/2.0085	1.510/0.0594	.025/.0010 .071/.0028	17.00/0.669	F780	8	8300 IH	<b>4B8300</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-5	55.937/2.2022 55.955/2.2029	60.000/2.3622 60.015/2.3628	2.010/0.0791	.025/.0010 .074/.0029	17.50/0.689	F780	10	8302 U/L	<b>5M8302</b> Std. .25 .50 .75
<b>Thrust</b>									
4	62.000/2.4409 62.250/2.4508	81.350/3.2027 81.600/3.2126			2.55/0.100	F817	2	8302T IH	<b>1T8302</b> Std.

Note: Set includes two pieces, use on No. 4 position. Required with 5M8302 main set.

# MAZDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>13 ENGINE</b>										
<b>1998cc (2.0) RF20 Diesel</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>2184cc (2.2) R2 Diesel</b>				<b>L4</b>	<b>86mm x 86mm</b>	<b>Connecting Rod 37-41 ft.lbs/50-55 Nm</b>				
				<b>L4</b>	<b>86mm x 94mm</b>	<b>Main Bearing 61-68 ft.lbs/82-92 Nm</b>				
<b>4B2130</b> Std. .25 .50 .75 1.0	<b>Rod</b>	50.940/2.0055 50.955/2.0061	54.002/2.1261 54.017/2.1266	1.510/0.0594	.027/.0011 .083/.0033	21.13/0.832	F810	8	2130A IH	
	<b>Main</b>									
<b>5M2134</b> Std. .25 .50 .75 1.0	1,2,4,5	59.940/2.3598 59.960/2.3606	63.999/2.5196 64.019/2.5204	2.007/0.0790	.025/.0010 .091/.0036	19.13/0.753	F780	8	2134 IH	
	3	59.940/2.3598 59.960/2.3606	63.999/2.5196 64.019/2.5204	2.007/0.0790	.025/.0010 .091/.0036	21.13/0.832	F780	2	2135 IH	
	<b>Thrust</b>									
<b>2T2134</b> Std.	3	68.800/2.7087 (Nominal I.D.)	84.250/3.3169 (Nominal O.D.)			2.05/0.081	F250	4	2134T U/L	
<i>Note: Set includes four pieces, use on No.3 position. Required with 5M2134 main set.</i>										
<b>Small End - for RF engines only - not bored, single pieces.</b>										
<b>RB4077</b> Semi		24.987/0.9837 25.000/0.9843	28.013/1.1029 28.033/1.1037			26.75/1.053	F100	1	RB4077	
<b>14 ENGINE</b>										
<b>1998cc (2.0) FE DOHC Turbo</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
				<b>L4</b>	<b>86mm x 86mm</b>	<b>Connecting Rod 37-41 ft.lbs/50-55 Nm</b>				
						<b>Main Bearing 61-68 ft.lbs/82-92 Nm</b>				
<b>4B8140</b> Std. .25 .50 .75 1.0	<b>Rod</b>	50.940/2.0055 50.955/2.0061	54.002/2.1261 54.027/2.1270	1.510/0.0594		21.13/0.832	F780	8	8140 IH	
	<b>Main</b>									
<b>5M8133</b> Std. .25 .50 .75 1.0	1-5	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F780	5	8133 L	
	1,2,4,5	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793	.017/.0007 .071/.0028	19.13/0.753	F780	4	8134 U	
	3 (FI)	59.939/2.3598 59.954/2.3604	64.000/2.5197 64.018/2.5204	2.014/0.0793	.017/.0007 .071/.0028	27.99/1.102	F780	1	8135 U	
<i>Overflange length increases for undersizes. *See below for dimensional information.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M8133</b>										
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
				0.25 mm u/s shaft		1.106"/28.09mm				+0.004"/0.10mm
				0.50 mm u/s shaft		1.109"/28.17mm				+0.007"/0.18mm
				0.75 mm u/s shaft		1.112"/28.25mm				+0.010"/0.26mm
				1.00 mm u/s shaft		1.115"/28.33mm				+0.013"/0.34mm
<b>15 ENGINE</b>										
<b>1991cc (2.0) DOHC (Zetec)</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
				<b>L4</b>	<b>84.8mm x 87.9mm</b>	<b>Connecting Rod 16-19 ft.lbs + 90 deg</b>				
						<b>Main Bearing 13-16 ft.lbs + 90 deg</b>				
<b>4B4135A</b> Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>	46.890/1.8461 46.910/1.8468	49.890/1.9642 49.910/1.9650	1.475/0.0581	.030/.0012 .086/.0034	20.10/0.791	F810	8	4135A IH	
	<b>Rod - .002" oversize OD version of 4B4135A.</b>									
<b>4B4135AO/S2</b> .25 .50 .75		46.890/1.8461 46.910/1.8468	49.940/1.9661 49.960/1.9669	1.625/0.0640 (@ 0.25mm u/size)	.030/.0012 .086/.0034	20.10/0.791	F810	8	9062A IH	
	<b>Main - High Strength Aluminum Silicon material.</b>									
<b>5M7193A</b> Std. .25 .50 .75	1,2,4,5	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.131/0.0839	.025/.0010 .074/.0029	19.21/0.756	F810	9	7193A U/L	
	3 (FI)	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.131/0.0839	.025/.0010 .074/.0029	24.68/0.972	F810	1	7195A U	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>16</b>
<b>2000cc (2.0) Duratec</b>			<b>L4</b>	<b>84.8mm x 87.9mm</b>						
<b>Rod</b>	46.980/1.8496 47.000/1.8504	50.025/1.9695 50.045/1.9703	1.505/0.0593	.015/.0006 .075/.0030	16.25/0.640	F780	8	4390 IH	<b>4B4390</b> Std. .25 .50	
<b>Main</b>										
1,2,4,5	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.520/0.0992	.015/.0006 .045/.0018	19.09/0.752	F810	9	8173A U/L	<b>5M8174A</b> Std. .25 .50 .75	
3 (Fl)	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.517/0.0991	.015/.0006 .045/.0018	25.75/1.014	F810	1	8174A U		
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>17</b>
<b>2209cc (2.2) S2 Diesel</b>			<b>L4</b>	<b>88.9mm x 89mm</b>	<b>Connecting Rod 50-54 ft.lbs/68-73 Nm Main Bearing 80-85 ft.lbs/108-115 Nm</b>					
<b>Rod</b>	52.987/2.0861 53.000/2.0866	56.683/2.2316 56.696/2.2321	1.833/0.0722	.021/.0008 .073/.0029	28.60/1.126	F780	8	1750 IH	<b>4B1750</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1,2,4,5	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/0.0781	.021/.0008 .073/.0029	28.60/1.126	F780	8	1748 IH	<b>5M1748</b> Std. .25 .50 .75	
3	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/0.0781	.021/.0008 .073/.0029	28.60/1.126	F780	1	1748 U		
3	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/0.0781	.021/.0008 .073/.0029	28.60/1.126	F780	1	1749 L		
<b>Thrust</b>										
3	73.500/2.8937 (Nominal I.D.)	90.300/3.5551 (Nominal O.D.)			2.33/0.092	F250	4	1748T U/L	<b>2T1748</b> Std.	
<i>Note: Thrust set includes four pieces, use on No. 3 position. Required with 5M1748 main set.</i>										
<b>Small End - not bored, single pieces.</b>										
	28.000/1.1024 (Nominal)	30.987/1.2200 31.000/1.2205	1.830/0.0720		26.80/1.055	F100	1	RB4068	<b>RB4068</b> Semi	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>18</b>
<b>2254cc (2.3) KJ Supercharged</b>			<b>V6</b>	<b>80.3mm x 74.2mm</b>	<b>Connecting Rod 16-20 ft.lbs + 83-97 deg</b>					
<b>2497cc (2.5) KL</b>			<b>V6</b>	<b>84.5mm x 74.2mm</b>	<b>Main Bearing Consult Service Manual</b>					
<b>2497cc (2.5) KL</b>			<b>1</b>	<b>V6</b>	<b>84.5mm x 74.2mm</b>					
<b>Rod</b>	52.935/2.0841 52.955/2.0848	56.000/2.2047 56.020/2.2055	1.511/0.0595	.023/.0009 .089/.0035	17.00/0.669	F780	12	8350 IH	<b>6B8350</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1,2,3	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/0.0986	.034/.0013 .102/.0040	18.12/0.713	F780	6	8147 U/L	<b>4M8147</b> Std. .25 .50 .75	
4	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/0.0986	.034/.0013 .102/.0040	22.12/0.871	F780	2	8148 U/L		
<b>Thrust</b>										
	68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496			2.05/0.081	F817	4	8352T U/L	<b>2T8352</b> Std.	
<i>Note: Thrust set includes four pieces, use on No. 4 position. Required with 4M8147 main set.</i>										
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>19</b>
<b>2295cc (2.3) OHC (Ford Eng.)</b>		<b>A</b>	<b>L4</b>	<b>3.78 x 3.13</b>	<b>Connecting Rod 30-36 ft.lbs/40-48 Nm</b>					
<b>2492cc (2.5) OHC (Ford Eng.)</b>		<b>C</b>	<b>L4</b>	<b>3.779 x 3.405</b>	<b>Main Bearing 80-90 ft.lbs/108-122 Nm</b>					
<b>Rod</b>	51.981/2.0465 51.999/2.0472	55.169/2.1720 55.189/2.1728	1.580/0.0624	.012/.0005 .076/.0030	20.32/0.800	F780	8	2186 IH	<b>4B984P</b> Std. 10 20 30	

# MAZDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>19 (Cont'd.)</b>										
<b>5M1743P</b> Std. .25 .50 .75 1.0	<b>Main</b>									
	1-5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/0.0956	.020/.0008 .066/.0026	24.13/0.950	F780	4	1753 L	
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/0.0956	.020/.0008 .066/.0026	24.13/0.950	F780	4	1753 U	
	3 (FI)	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/0.0956	.020/.0008 .066/.0026	30.33/1.194	F780	1	1754 U	
	<b>Main - Alt set to 5M1743P with +.010" overflange length increase. See dimensional information below.</b>									
	<b>5M7194P</b> .25 .50 .75	1-5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.553/0.1005 (@ 0.25 mm u/s)	.020/.0008 .066/.0026	24.13/0.950	F780	5	1753 L
1,2,4,5		56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.553/0.1005 (@ 0.25 mm u/s)	.020/.0008 .066/.0026	24.13/0.950	F780	4	1753 U	
3 (FI)		56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.553/0.1005 (@ 0.25 mm u/s)	.020/.0008 .066/.0026	30.58/1.204	F780	1	7194 U	
<i>To be discontinued when stock exhausted.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M7194P</b>										
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				0.25 mm u/s shaft	1.204"	+0.010"				
				0.50 mm u/s shaft	1.204"	+0.010"				
				0.75 mm u/s shaft	1.204"	+0.010"				
<b>4C777BS</b> Std.	<b>Cam - Special oil control bearing - differs from OEM design. 360 OD groove.</b>									
	1-4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/0.0638		17.73/0.698	F23	4	F-34-1B	
<b>4C777S</b> Std.	<b>Cam</b>									
	1-4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/0.0638		17.73/0.698	F23	4	F-34-1	
<b>2C1095S</b> Std.	<b>AR Auxiliary - for 2.3L engines only.</b>									
	1	41.960/1.6520 41.986/1.6530	45.644/1.7970 45.670/1.7980	1.810/0.0712		12.83/0.505	F23	1	AGB-34-1	
	2	41.960/1.6520 41.986/1.6530	45.136/1.7770 45.160/1.7780	1.550/0.0612		12.83/0.505	F23	1	AGB-34-2	
<b>20 ENGINE</b>										
2260cc (2.3) Duratec			VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
				L4	87.4mm x 94mm	Connecting Rod 26 ft.lbs + 90 deg Main Bearing 63 ft.lbs (Tighten thrust position last)				
<b>4B8170A</b> Std. .25 .50	<b>Rod</b>									
		49.980/1.9677 50.000/1.9685	53.025/2.0876 53.045/2.0884	1.500/0.0591	.026/.0010 .052/.0020	16.80/0.661	F810	8	8170A IH	
<b>4B8170AO/S2</b> .25 .50 .75	<b>Rod - .002" oversize OD version of 4B8170A.</b>									
		49.980/1.9677 50.000/1.9685	53.076/2.0896 53.096/2.0904	1.650/0.0650 (@ 0.25mm u/s)	.026/.0010 .052/.0020	16.80/0.661	F810	8	9111A IH	
<b>5M8174A</b> Std. .25 .50 .75	<b>Main</b>									
	1,2,4,5	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.520/0.0992	.015/.0006 .045/.0018	19.09/0.752	F810	9	8173A U/L	
	3 (FI)	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.517/0.0991	.015/.0006 .045/.0018	25.75/1.014	F810	1	8174A U	
<b>21 ENGINE</b>										
2555cc (2.6) AM1 (Mits. G54B)			VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
				L4	91.1mm x 98mm	Connecting Rod 33-35 ft.lbs/44-47 Nm Main Bearing 55-61 ft.lbs/74-83 Nm				
<b>4B1136</b> Std. .25 .50 .75 1.0	<b>Rod</b>									
		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 21**
**Main - for engines with 60mm/2.3622" main journal diameter.**

1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	<b>5M1139</b> Std. .25 .50 .75 1.0
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	30.95/1.219	F820	2	1135AL IH	

*Overflange length remains constant for standard and undersizes.*
**Balance Shaft - with groove.**

2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288	<b>3BS8288</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	

**Balance Shaft - without groove.**

2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8369	<b>3BS8369</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	

**Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).**

1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L	<b>5SC761</b> Std.
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U	
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L	

**ENGINE**
**2606cc (2.6) G6 SOHC**
**VIN CYL Bore x Stroke**
**L4 92mm x 98mm**
**TORQUE SETTINGS**
**Connecting Rod 48-51 ft.lbs  
Main Bearing 61-65 ft.lbs**
**22**
**Rod**

	50.940/2.0055 50.955/2.0061	54.002/2.1261 54.027/2.1270	1.510/0.0594		21.13/0.832	F780	8	8140 IH	<b>4B8140</b> Std. .25 .50 .75 1.0
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**Main**

1-5	59.939/2.3598 59.949/2.3602	63.998/2.5196 64.018/2.5204	2.010/0.0791	.029/.0011 .085/.0033	20.13/0.793	F780	5	8138 L	<b>5M8138</b> Std. .25 .50 .75
1,2,4,5	59.939/2.3598 59.949/2.3602	63.998/2.5196 64.018/2.5204	2.010/0.0791	.029/.0011 .085/.0033	20.13/0.793	F780	4	8138 U	
3 (FI)	59.939/2.3598 59.949/2.3602	63.998/2.5196 64.018/2.5204	2.010/0.0791	.029/.0011 .085/.0033	26.00/1.024	F780	1	8139 U	

*Overflange length remains constant for standard and undersizes.*
**Balance Shaft**

Front		46.000/1.8110 46.020/1.8118	1.984/0.0781		23.11/0.910	F23	2	MZG-3-1	<b>6BS8033</b> Std.
Centre		44.000/1.7323 44.020/1.7331	1.981/0.0780		26.16/1.030	F23	2	MZG-3-2	
Rear		23.997/0.9448 24.023/0.9458	1.486/0.0585		16.13/0.635	F23	2	MZG-3-3	

**Cam Tower**

1-5		32.144/1.2655	1.072/0.0422		17.78/0.700	F23	5	MZA-4-1 U VHA-1-2	<b>5SC6006</b> Std.
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# MAZDA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>23 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
2954cc (3.0) JE SOHC			V6	90mm x 77mm		Connecting Rod 22 ft.lbs + 90 deg			
2954cc (3.0) JE SOHC & DOHC			V6	90mm x 77mm		Main Bearing 14 ft.lbs + 90 deg + 45 deg			
<b>6B8350</b> Std. .25 .50 .75 1.0	<b>Rod</b>	52.935/2.0841 52.955/2.0848	56.000/2.2047 56.020/2.2055	1.511/0.0595	.023/.0009 .089/.0035	17.00/0.669	F780	12	8350 IH
	<b>Main</b>								
	1-4	61.935/2.4384 61.955/2.4392	66.000/2.5984 66.020/2.5992	2.012/0.0792	.021/.0008 .087/.0034	18.13/0.714	F780	8	8352 U/L
<b>4M8352</b> Std. .25 .50	<b>Thrust</b>								
	2T8352 Std.	68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496			2.05/0.081	F817	4	8352T U/L
<i>Note: Set includes 4 pieces. Required with 4M8352 main set.</i>									
<b>24 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
2954cc (3.0) OHV (Ford Eng.)		U	V6	89mm x 80mm		Connecting Rod 23-29 ft.lbs/31-39 Nm			
2983cc (3.0) OHV (Ford Eng.)		U	V6	89mm x 80mm		Main Bearing 63-69 ft.lbs/85-93 Nm			
<b>6B1385P</b> Std. .25 .50 .75 1.0	<b>Rod</b>	53.983/2.1253 54.003/2.1261	57.150/2.2500 57.170/2.2508	1.567/0.0617	.013/.0005 .079/.0031	19.25/0.758	F780	12	5230 IH
	<b>Main</b>								
	1,2	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.905/2.7128	2.443/0.0962	.025/.0010 .058/.0023	18.69/0.736	F780	4	5232 U/L
<b>4M1702P</b> Std. .25 .50 .75	3 (FI)	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.013/.0005 .076/.0030	25.65/1.010	F780	2	5233 U/L
	4	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.025/.0010 .076/.0030	27.00/1.063	F780	2	5234 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - optional set to 4M1702P with +0.004" overflange length increase for undersizes. *See below for dimensional information.</b>									
<b>4M5219P</b> .25 .50 .75	1,2	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.905/2.7128	2.443/0.0962	.025/.0010 .058/.0023	18.69/0.736	F780	4	5232 U/L
	3 (FI)	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.013/.0005 .076/.0030	25.75/1.014	F780	2	5219 U/L
	4	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.025/.0010 .076/.0030	27.00/1.063	F780	2	5234 U/L
	<i>To be discontinued when stock exhausted.</i>								
<b>* DIMENSIONAL INFORMATION FOR 4M5219P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.25 mm u/s shaft				1.014"		+0.004"			
0.50 mm u/s shaft				1.014"		+0.004"			
0.75 mm u/s shaft				1.014"		+0.004"			
<b>4C048AS</b> Std.	<b>Cam</b>								
	1	51.000/2.0079 51.020/2.0087	54.676/2.1526 54.727/2.1546	1.830/0.0720		24.38/0.960	F23	1	F-48-1
	2,3	51.000/2.0079 51.020/2.0087	54.176/2.1329 54.226/2.1349	1.570/0.0618		13.77/0.542	F23	2	F-48-2
	4	51.000/2.0079 51.020/2.0087	54.676/2.1526 54.727/2.1546	1.830/0.0720		13.77/0.542	F23	1	F-48-4A
<b>25 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
2954cc (3.0) Duratec			V6	89 mm x 79.5 mm		Connecting Rod + 90 degrees Step 3			
2968cc (3.0) Duratec			V6	89 mm x 79.5 mm		Connecting Rod 17 ft.lbs/23 Nm Step 1			
183 (3.0) Duratec			V6	89 mm x 79.5 mm		Connecting Rod 32 ft.lbs/43 Nm Step 2			
		Main Bearing Consult Service Manual							
<b>6B4395A</b> Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>								
		49.972/1.9674 49.990/1.9681	53.015/2.0872 53.035/2.0880	1.501/0.0591	.023/.0009 .077/.0030	18.00/0.709	F810	12	4395A

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 25**
**Main - High Strength Aluminum Silicon material.**

1,2,3	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.020/2.6779	2.502/0.0985	.020/.0008 .060/.0024	17.90/0.705	F810	6	7262A U/L	<b>4M7262A</b> Std. .25 .50 .75
4 (FI)	62.969/2.4791 62.992/2.4800 71.100/2.7992 71.350/2.8090	67.998/2.6771 68.020/2.6779 93.550/3.6831 93.800/3.6929	2.502/0.0985	.020/.0008 .064/.0025	22.30/0.878  1.95/0.077	F810	1	7263A U/L 7263T	

**Small End - single pieces, not bored.**

	21.011/0.8272 21.013/0.8273	24.030/0.9461 24.038/0.9464			21.46/0.845	F100	1	RB4114	<b>RB4114</b> Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	26
2977cc (3.0) HA Diesel		L4	95mm x 105mm	Connecting Rod 55-60 ft.lbs/75-81Nm	
3455cc (3.5) SL Diesel		L4	100mm x 110mm	Main Bearing 80-85 ft.lbs/108-115 Nm	
3455cc (3.5) SL Turbo Diesel		L4	100mm x 110mm		

**Rod**

	61.112/2.4060 61.125/2.4065	64.826/2.5522 64.846/2.5530	1.836/0.0723	.036/.0014 .088/.0035	28.65/1.128	F780	8	1776 IH	<b>4B1776</b> Std. .25 .50 .75 1.0
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**Main**

1,2,3,4,5	75.812/2.9847 75.825/2.9852	80.066/3.1522 80.092/3.1532	2.103/0.0828	.036/.0014 .100/.0039	28.60/1.126	F780	10	1777 IH	<b>5M1777</b> Std. .25 .50 .75 1.0
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**Thrust**

3	84.500/3.3268 (Nominal I.D.)	101.400/3.9921 (Nominal O.D.)			2.33/0.092	F250	4	1777T U/L	<b>2T1777</b> Std.
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Note: Set includes 4 pieces, use on No. 3 position. Required with 5M1777 main set.

**Small End - for HA engines up to 9/80.**

	31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762	1.610/0.0634		26.80/1.055	F100	1	RB4059	<b>RB4059</b> Semi
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**Small End - for SL engines.**

	33.980/1.3378 34.000/1.3386	37.000/1.4567 37.025/1.4577			34.30/1.350	F100	1	RB4078	<b>RB4078</b> Semi
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**Small End - for HA engines 10/80 on, not bored.**

		33.000/1.2992 33.020/1.3000			34.30/1.350	F100	1	RB4088	<b>RB4088</b> Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	27
4016cc (4.0) OHV (Ford Eng.)	X	V6	100mm x 84mm	Connecting Rod 18-24 ft.lbs/25-32 Nm Main Bearing 66-77 ft.lbs/90-105 Nm	

**Rod**

	53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.410/0.0555	.012/.0005 .078/.0030	16.48/0.649	F780	12	1656 IH	<b>6B723P</b> Std. 10 20 30 40
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**Rod - .002" oversize OD version of 6B723P.**

	53.980/2.1252 54.000/2.1260	56.869/2.2390 56.891/2.2400	1.559/0.0614 (@ .010" u/s)	.005/.0002 .073/.0029	16.48/0.649	F780	12	9060 IH	<b>6B723PO/S2</b> 10 20 30 40
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**Main**

1,2,4 Upper	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1657 U	<b>4M2006P</b> Std. 10 20 30
1,2,4 Lower	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1663 L	
3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	26.29/1.035	F780	2	1658 IH	

Overflange length remains constant for standard and undersizes.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 27 (Cont'd.)

Cam - Optional set to 4C1441S with 0.830" wide #4 cam.									
<b>4C1441AS</b> Std.	1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/0.0619		19.80/0.780	F23	1	F-50-1
	2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/0.0614		17.90/0.705	F23	1	F-50-2
	3	48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/0.0614		17.90/0.705	F23	1	F-50-3
	4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/0.0614		21.12/0.830	F23	1	F-50-4A
<b>4C1441S</b> Std.	Cam								
	1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/0.0619		19.80/0.780	F23	1	F-50-1
	2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/0.0614		17.90/0.705	F23	1	F-50-2
	3	48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/0.0614		17.90/0.705	F23	1	F-50-3
4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/0.0614		15.10/0.595	F23	1	F-50-4	

### 28 ENGINE

VIN CYL Bore x Stroke TORQUE SETTINGS

3784cc (3.8) YA Diesel L6 88.9mm x 101.6mm Connecting Rod 40-45 ft.lbs/54-61 Nm  
 4052cc (4.0) XB Diesel L6 92mm x 101.6mm Main Bearing 80-85 ft.lbs/108-115 Nm  
 4052cc (4.0) ZB Diesel L6 92mm x 101.6mm

<b>6B1746</b> Std. .25 .50 .75 1.0	Rod - for 1969 to 1980 engines only.								
		57.112/2.2485 57.125/2.2490	60.833/2.3950 60.846/2.3955	1.840/0.0724	.028/.0011 .080/.0031	28.55/1.124	F780	12	1746 IH
<b>6B1760</b> Std. .25 .50 .75 1.0	Rod - for 1981 to 1988 engines only.								
		57.112/2.2485 57.125/2.2490	60.833/2.3950 60.846/2.3955	1.840/0.0724	.028/.0011 .080/.0031	28.55/1.124	F780	12	1760 IH
<b>7M1747</b> Std. .25 .50 .75 1.0	Main								
	1-7	69.812/2.7485 69.825/2.7490	74.066/2.9160 74.092/2.9170	2.100/0.0827	.041/.0016 .106/.0042	28.60/1.126	F780	14	1747 IH
<b>2T1747</b> Std.	Thrust								
	4	78.500/3.0905 (Nominal I.D.)	95.000/3.7402 (Nominal O.D.)			2.31/0.091	F100	4	1747T U/L
<b>RB4059</b> Semi	Small End								
		31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762	1.610/0.0634		26.80/1.055	F100	1	RB4059

Note: Set includes 4 pieces, use on No. 4 position. Required with 7M1747 main set.

### 29 ENGINE

VIN CYL Bore x Stroke TORQUE SETTINGS

4016cc (4.0) SOHC (Ford Eng.) E V6 3.95 x 3.32 Connecting Rod 18-24 ft.lbs/25-32 Nm  
 Main Bearing 66-77 ft.lbs/89-104 Nm

<b>6B723P</b> Std. 10 20 30 40	Rod								
		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.410/0.0555	.012/.0005 .078/.0030	16.48/0.649	F780	12	1656 IH
<b>6B723PO/S2</b> 10 20 30 40	Rod - .002" oversize OD version of 6B723P.								
		53.980/2.1252 54.000/2.1260	56.869/2.2390 56.891/2.2400	1.559/0.0614 (@ .010" u/s)	.005/.0002 .073/.0029	16.48/0.649	F780	12	9060 IH
<b>4M2006P</b> Std. 10 20 30	Main								
	1,2,4 Upper	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1657 U
	1,2,4 Lower	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1663 L
	3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	26.29/1.035	F780	2	1658 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>29</b>
<b>AR Auxiliary</b>									
Front		47.046/1.8522	1.549/0.0610		29.00/1.142	F23	1	FG-53-1	<b>2C6002S Std.</b>
Rear		45.903/1.8072	1.549/0.0610		22.98/0.905	F23	1	FG-53-2	

# MAZDA PERFORMANCE



## MAZDA PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1597cc (1.6).....	SOHC/DOHC (Incl Turbo) (B6)		L4	86-01	1	2260cc (2.3).....	Duratec		L4	03-06	2
1839cc (1.8).....	SOHC/DOHC (BP)		L4	90-02	1						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1597cc (1.6) SOHC/DOHC (Incl Turbo) (B6)		L4	78mm x 84mm	Connecting Rod 35-38 ft.lbs/47-52 Nm (SOHC) Connecting Rod 37-40 ft.lbs/50-54 Nm (DOHC)
1839cc (1.8) SOHC/DOHC (BP)		L4	83mm x 85mm	Main Bearing 40-43 ft.lbs/54-58 Nm (All engines)

4B8351H Std. .025 .25	<b>Rod - Race Series.</b>								
	44.940/1.7693 44.956/1.7699	47.996/1.8896 48.016/1.8904	1.515/0.0596	.016/.0006 .066/.0026	17.00/0.669	F781	8	8351H IH	
4B8351HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	44.940/1.7693 44.956/1.7699	47.996/1.8896 48.016/1.8904	1.502/0.0591	.041/.0016 .091/.0036	17.00/0.669	F781	8	8351HX IH	
5M8353H Std. .025 .25 .50	<b>Main - Race Series.</b>								
	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.016/.0006 .070/.0028	17.83/0.702	F780	5	8353H L	
	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.016/.0006 .070/.0028	17.83/0.702	F780	5	8354H U	
	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
5M8353HX Std.	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/0.0787	.041/.0016 .096/.0038	17.83/0.702	F780	5	8353HX L	
	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/0.0787	.041/.0016 .096/.0038	17.83/0.702	F780	5	8354HX U	
1T8353 Std.	<b>Thrust</b>								
	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH	
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M8353H/HX main set.</i>									
RB4108 Semi	<b>Small End - suits DOHC engines only.</b>								
	19.993/0.7871 (Nominal)	23.000/0.9055 (Nominal)			21.80/0.858	F100	1	RB4108	

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
2260cc (2.3) Duratec		L4	87.4mm x 94mm	Connecting Rod 26 ft.lbs + 90 deg Main Bearing 63 ft.lbs (Tighten thrust position last)

4B8170H Std. .025 .25	<b>Rod - Race Series.</b>								
	49.980/1.9677 50.000/1.9685	53.025/2.0876 53.045/2.0884	1.500/0.0591	.026/.0010 .052/.0020	16.80/0.661	F781	8	8170H IH	
4B8170HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	49.980/1.9677 50.000/1.9685	53.025/2.0876 53.045/2.0884	1.487/0.0585	.052/.0020 .077/.0030	16.80/0.661	F781	8	8170HX IH	



## MERCURY ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
98 1598cc (1.6).....	OHC	2	L4	81-85	2	232 (3.8).....	OHV	C	V6	84-84	19
98 1598cc (1.6).....	OHC	4	L4	82-85	2	232 (3.8).....	OHV, Supercharged	C	V6	89-89	19
98 1598cc (1.6).....	OHC	5	L4	83-84	2	232 (3.8).....	OHV, Supercharged	R	V6	90-90	19
98 1598cc (1.6).....	SOHC (Mazda B6)	5	L4	88-89	3	245 (4.0).....	SOHC	E	V6	98-03	20
98 1598cc (1.6).....	DOHC (Mazda B6), Turbo	6	L4	91-94	3	245 (4.0).....	SOHC	K	V6	02-03	20
98 1598cc (1.6).....	SOHC (Mazda B6)	7	L4	87-87	3	250 (4.1).....		C	L6	80-80	21
98 1598cc (1.6).....	OHV (Kent / Pinto)	L	L4	71-72	1	250 (4.1).....		L	L6	69-79	21
98 1598cc (1.6).....	SOHC (Mazda B6)	Z	L4	91-94	3	255 (4.2).....		D	V8	80-82	18
112 (1.8).....	DOHC (Mazda BP)	8	L4	91-96	3	256 (4.2).....	OHV	2	V6	04-05	22
116 (1.9).....	SOHC	9	L4	85-87	4	260 (4.3).....		V8	V8	63-64	18
116 (1.9).....	SOHC	J	L4	86-96	4	281 (4.6).....	SOHC	6	V8	96-96	23
121 1989cc (2.0)...	DOHC (Zetec)	3	L4	95-02	8	281 (4.6).....	SOHC	W	V8	92-05	23
122 1989cc (2.0)...	OHC (Pinto)	L	L4	71-74	6	289 (4.7).....		V8	V8	64-67	18
122 1989cc (2.0)...	Mazda RF,Diesel	H	L4	84-87	7	289 (4.7).....		C	V8	68-68	18
122 1989cc (2.0)...	SOHC	P	L4	97-99	5	302 (5.0).....		F	V8	68-91	18
140 (2.3).....	OHC		L4	76-77	9	302 (5.0).....		G	V8	69-70	18
140 (2.3).....	OHC	6	L4	83-84	9	302 (5.0).....		J	V8	68-68	18
140 (2.3).....	OHC	A	L4	80-86	9	302 (5.0).....		M	V8	84-86	18
140 (2.3).....	OHV (HSC)	R	L4	84-87	10	302 (5.0).....		P	V8	97-01	18
140 (2.3).....	OHV (HSC)	S	L4	85-91	10	302 (5.0).....		T	V8	91-93	18
140 (2.3).....	OHC, Turbo	W	L4	79-86	9	351 (5.8).....	Windsor	G	V8	80-89	24
140 (2.3).....	OHV (HSC)	X	L4	85-94	10	351 (5.8).....	Cleveland	H	V8	70-74	25
140 (2.3).....	OHC	Y	L4	75-79	9	351 (5.8).....	Modified	H	V8	75-79	26
140 (2.3).....	Duratec	Z	L4	05-06	11	351 (5.8).....	Windsor	H	V8	69-79	24
144 (2.4).....			L6	60-63	12	351 (5.8).....	Cleveland	M	V8	70-71	25
155 2450cc (2.5)...	Duratec	L	V6	95-02	13	351 (5.8).....	Windsor	M	V8	69-71	24
153 (2.5).....	OHV (HSC)	D	L4	86-86	10	351 (5.8).....	Cleveland	Q	V8	72-74	25
2606cc (2.6).....			V6	72-73	14	351 (5.8).....	Windsor	Q	V8	72-74	24
170 (2.8).....			L6	61-64	12	390 (6.4).....		V8	V8	64-67	27
170 (2.8).....		U	L6	71-72	12	390 (6.4).....		S	V8	68-69	27
171 (2.8).....			V6	74-77	14	390 (6.4).....		X	V8	68-70	27
171 (2.8).....		Z	V6	75-79	14	390 (6.4).....		Y	V8	68-70	27
182 (3.0).....	Duratec	1	V6	05-05	13	390 (6.4).....		Z	V8	68-68	27
182 (3.0).....	SOHC (Nissan VG30E)	1	V6	97-98	16	400 (6.6).....		S	V8	71-78	26
182 (3.0).....	Duratec	2	V6	01-04	13	410 (6.7).....		V8	V8	66-67	27
182 (3.0).....	Duratec	S	V6	96-05	13	427 (7.0).....		V8	V8	65-67	27
182 (3.0).....	OHV (Vulcan)	U	V6	86-05	15	427 (7.0).....		W	V8	68-68	27
182 (3.0).....	SOHC (Nissan VG30E)	W	V6	93-96	16	428 (7.0).....		V8	V8	66-67	27
3275cc (3.3).....	SOHC (Nissan VG33E)		V6	99-99	16	428 (7.0).....		P	V8	68-70	27
3275cc (3.3).....	SOHC (Nissan VG33E)	T	V6	00-02	16	428 (7.0).....		Q	V8	68-70	27
200 (3.3).....			L6	63-64	12	428 (7.0).....		R	V8	68-70	27
200 (3.3).....	7 Main		L6	65-67	17	429 (7.0).....		C	V8	70-71	28
200 (3.3).....	7 Main	B	L6	80-82	17	429 (7.0).....		J	V8	71-71	28
200 (3.3).....	7 Main	T	L6	68-79	17	429 (7.0).....		K	V8	69-71	28
200 (3.3).....	7 Main	X	L6	83-83	17	429 (7.0).....		N	V8	69-73	28
221 (3.6).....			V8	62-63	18	429 (7.0).....		Z	V8	70-70	28
232 (3.8).....	OHV	3	V6	82-87	19	460 (7.5).....		A	V8	72-78	28
232 (3.8).....	OHV	4	V6	87-97	19	460 (7.5).....		C	V8	73-78	28

## MERCURY MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
BOBCAT	140		2.3	OHC	75-80	CAPRI - GHIA	200		3.3	7 Main	79-80
	171		2.8		75-79		171		2.8		79
BREEZEWAY	390		6.4		65-67		255		4.2		80
	410		6.7		66-67		302		5.0		79
	427		7.0		65-67	CAPRI - XR2	98	1598	1.6	DOHC (Mazda B6)	91-94
	428		7.0		66-67	COLONY PARK	302		5.0		79-91
BROUGHAM	410		6.7		67		351		5.8	Cleveland	71-73
	427		7.0		67		351		5.8	Modified	79
	428		7.0		67		351		5.8	Windsor	71-81
CALIENTE	200		3.3		64		390		6.4		64-70
	200		3.3	7 Main	65-67		400		6.6		71-76
	260		4.3		64		410		6.7		66-67
	289		4.7		64-67		427		7.0		65-67
	390		6.4		66-67		428		7.0		66-68
	427		7.0		65		429		7.0		69-73
CAPRI	98	1598	1.6	OHV (Kent / Pinto)	71-72		460		7.5		72-76
	98	1598	1.6	SOHC (Mazda B6)	91-94	COMET	144		2.4		60-63
	122	1989	2.0	OHC (Pinto)	71-74		170		2.8		61-72
	140		2.3	OHC	76-86		200		3.3		64
	200		3.3	7 Main	66-82		200		3.3	7 Main	65-77
		2606	2.6		72-73		250		4.1		69-77
	171		2.8		74-79		260		4.3		63-64
	232		3.8	OHV	83-86		289		4.7		64-67
	255		4.2		80-82		302		5.0		68-77
	302		5.0		79-86		351		5.8	Windsor	69
CAPRI - GHIA	140		2.3	OHC	79-80		390		6.4		66-69

## MERCURY MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
COMET	427		7.0		65-67	GRAND MARQUIS	255		4.2		81-82
COMMUTER	289		4.7		67		281		4.6	SOHC	92-05
	390		6.4		64-68		302		5.0		79-91
	410		6.7		66-67		351		5.8	Modified	78-79
	427		7.0		65-67		351		5.8	Windsor	78-89
	428		7.0		66-68		400		6.6		75-78
COUGAR	121	1989	2.0	DOHC (Zetec)	99-02		460		7.5		75-78
	140		2.3	OHC	81-86	GRAND MARQUIS -					
	200		3.3	7 Main	81-82	COLONY PARK	302		5.0		83
	155	2450	2.5	Duratec	99-02		351		5.8	Windsor	86
	232		3.8	OHV	82-86	LN7	98	1598	1.6	OHC	82-83
	255		4.2		81	LYNX	98	1598	1.6	OHC	81-85
	289		4.7		67-68		116		1.9	SOHC	85-87
	302		5.0		68-86		122	1989	2.0	Mazda RF	84-87
	351		5.8	Cleveland	70-73	LYNX - LTS	98	1598	1.6	OHC	84
	351		5.8	Modified	75-79	LYNX - RS	98	1598	1.6	OHC	84
	351		5.8	Windsor	69-79	LYNX - XR3	116		1.9	SOHC	86-87
	390		6.4		67-69	MARAUDER	390		6.4		64-70
	400		6.6		75-78		427		7.0		65
	427		7.0		68		429		7.0		69-70
	428		7.0		68-70	MARAUDER - X-100	429		7.0		69-70
	429		7.0		71	MARINER	140		2.3	Duratec	05
	460		7.5		75	MARINER -					
COUGAR - 30TH ANNIVERSARY	232		3.8	OHV	97	CONVENIENCE	140		2.3	Duratec	06
	281		4.6	SOHC	97	MARINER - PREMIER	182		3.0	Duratec	05
COUGAR - BOSS 302	302		5.0		69	MARQUIS	140		2.3	OHC	83-86
COUGAR - BOSS 429	429		7.0		70		200		3.3	7 Main	83
COUGAR - BROUGHAM	302		5.0		77		232		3.8	OHV	83-86
	351		5.8	Modified	77		255		4.2		81-82
	351		5.8	Windsor	77		302		5.0		79-85
	400		6.6		77		351		5.8	Cleveland	71-73
COUGAR - BROUGHAM VILLAGER	351		5.8	Modified	77		351		5.8	Modified	78-79
	351		5.8	Windsor	77		351		5.8	Windsor	71-81
	400		6.6		77		390		6.4		68-70
COUGAR - COBRA JET	428		7.0		69-70		400		6.6		71-78
	429		7.0		71		410		6.7		67
COUGAR - LS	232		3.8	OHV	87-92	MARQUIS -	427		7.0		67
	302		5.0		87-92	BROUGHAM	428		7.0		67-69
COUGAR - XR-7	200		3.3	7 Main	80-82		429		7.0		69-73
	232		3.8	OHV	82-97		460		7.5		72-78
	255		4.2		80-82						
	281		4.6	SOHC	94-97						
	289		4.7		67						
	302		5.0		68-93						
	351		5.8	Cleveland	70-74						
	351		5.8	Modified	76-79						
	351		5.8	Windsor	69-79						
	390		6.4		67-69						
	400		6.6		73-78						
	427		7.0		68						
	428		7.0		68-70						
	429		7.0		71						
	460		7.5		73-76						
COUNTRY CRUISER	200		3.3		63	MILAN	140		2.3	Duratec	06
	221		3.6		63	MILAN - PREMIER	140		2.3	Duratec	06
CYCLONE	200		3.3		64	MONARCH	200		3.3	7 Main	75-77
	260		4.3		64		250		4.1		75-80
	289		4.7		64-67		255		4.2		80
	302		5.0		68-69		302		5.0		75-80
	351		5.8	Cleveland	70-71		351		5.8	Modified	75-77
	351		5.8	Windsor	69-71		351		5.8	Windsor	75-77
	390		6.4		66-69		351		5.8	Modified	75-77
	427		7.0		65-68		351		5.8	Windsor	75-77
	428		7.0		68-69		390		6.4		64-68
	429		7.0		70-71		410		6.7		66-67
CYCLONE - CJ	302		5.0		69	MILAN	140		2.3	Duratec	06
	428		7.0		69	MILAN - PREMIER	140		2.3	Duratec	06
CYCLONE - GT	302		5.0		70	MONARCH	200		3.3	7 Main	75-77
	351		5.8	Cleveland	70-71		250		4.1		75-80
	351		5.8	Windsor	70-71		255		4.2		80
	429		7.0		70-71		302		5.0		75-80
CYCLONE - SPOILER	351		5.8	Cleveland	71		351		5.8	Modified	75-77
	351		5.8	Windsor	71		351		5.8	Windsor	75-77
	429		7.0		70-71		351		5.8	Modified	75-77
							390		6.4		68-69

## MERCURY MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
MONTEGO	400		6.6		72-76	MOUNTAINEER	281		4.6	SOHC	02-05	
	427		7.0		68		302		5.0			97-01
	428		7.0		68	MOUNTAINEER - PREMIER	281		4.6	SOHC	04	
	429		7.0		70-73		121	1989	2.0	DOHC (Zetec)	99-00	
	460		7.5		76		155	2450	2.5	Duratec	99-00	
MONTEGO - GT	302		5.0		72-73	MYSTIQUE	121	1989	2.0	DOHC (Zetec)	95-98	
	351		5.8	Cleveland	72-73		155	2450	2.5	Duratec	95-98	
	351		5.8	Windsor	72-73	MYSTIQUE - GS	121	1989	2.0	DOHC (Zetec)	95-98	
	400		6.6		72-73		155	2450	2.5	Duratec	95-98	
	429		7.0		72-73		121	1989	2.0	DOHC (Zetec)	95-98	
MONTEGO - MX	200		3.3	7 Main	68	MYSTIQUE - LS	155	2450	2.5	Duratec	96-98	
	250		4.1		69-73		MYSTIQUE - YOUNG AMERICA PARK LANE	155	2450	2.5	Duratec	95
	302		5.0		68-74	390			6.4			64-68
	351		5.8	Cleveland	70-74	410			6.7			66-67
	351		5.8	Modified	75-76	427			7.0			65-67
	351		5.8	Windsor	69-76	428			7.0			66-68
	390		6.4		68-69	PARKLANE		428		7.0		68
	400		6.6		72-76			S-55	390		6.4	
	428		7.0		69	410			6.7			66
	429		7.0		70-73	427			7.0			66
	460		7.5		73-76	428			7.0			66
	MONTEGO - MX BROUGHAM	250		4.1		70-72		SABLE	153		2.5	OHV (HSC)
302			5.0		70-74	182				3.0	Duratec	96-05
351			5.8	Cleveland	70-74	182		3.0	OHV (Vulcan)	86-05		
351			5.8	Modified	75-76	232		3.8	OHV	88-95		
351			5.8	Windsor	70-76	TOPAZ	122	1989	2.0	Mazda RF	84-86	
400			6.6		72-76		140		2.3	OHV (HSC)	84-94	
429			7.0		70-73	182		3.0	OHV (Vulcan)	92-94		
460		7.5		74-76	TRACER	98	1598	1.6	SOHC (Mazda B6)	87-89		
MONTEGO - VILLAGER	250		4.1			70-72	116		1.9	SOHC	91-93	
	302		5.0		70-74	122	1989	2.0	SOHC	99		
	351		5.8	Cleveland	70-74	122	1989	2.0	SOHC	97-98		
	351		5.8	Modified	75-76	112		1.8	DOHC (Mazda BP)	91-96		
	351		5.8	Windsor	70-76	116		1.9	SOHC	94-96		
	400		6.6		72-76	122	1989	2.0	SOHC	97-98		
	429		7.0		72-73	VILLAGER	144		2.4		62-63	
460		7.5		74-76	200			3.3	7 Main	64		
MONTEREY	256		4.2	OHV	04-05	200		3.0	7 Main	65-67		
	351		5.8	Cleveland	71-73	182		3.0	SOHC (Nissan VG30E)	93-98		
	351		5.8	Windsor	71-73	VOYAGER	3275	3.3	SOHC (Nissan VG33E)	99-02		
	390		6.4		64-70		260		4.3		63-64	
	400		6.6		71-74		289		4.7		64-67	
	410		6.7		66-67		390		6.4		66-67	
	427		7.0		65-67		427		7.0		65	
	428		7.0		66-70		200		3.3	7 Main	66-67	
	429		7.0		69-73		289		4.7		66-67	
	460		7.5		72-74		390		6.4		66-67	
	MONTEREY - CUSTOM	351		5.8	Cleveland		71-73	ZEPHYR	140		2.3	OHC
351			5.8	Windsor	71-73		200			3.3	7 Main	78-82
390			6.4		69-70		255		4.2		80-82	
400			6.6		71-74	302		5.0		78-79		
428			7.0		69-70	ZEPHYR - GS	140		2.3	OHC	83	
429			7.0		69-73		200		3.3	7 Main	83	
460		7.5		72-74	ZEPHYR - Z7	140		2.3	OHC	78-83		
MONTEREY - PREMIER	256		4.2	OHV		04	200		3.3	7 Main	78-83	
	245		4.0	SOHC	98-03	255		4.2		80-81		
MOUNTAINEER	245		4.0	SOHC	98-03	302		5.0		78-79		

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>					<b>TORQUE SETTINGS</b>				
<b>98 1598cc (1.6) OHV (Kent / Pinto) L L4 3.19 x 3.06</b>					<b>Connecting Rod 30-35 ft.lbs/41-47 Nm Main Bearing 55-60 ft.lbs/75-81 Nm</b>				
<b>Rod</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/0.0722	.015/.0006 .064/.0025	22.35/0.880	F780	8	5216 IH	<b>4B603P</b> Std. 10 20 30 40
<b>Main - .015" oversize OD version of 5M742P.</b>									
1-5	53.988/2.1255 54.000/2.1260	58.064/2.2860 58.077/2.2865	2.027/0.0798	.013/.0005 .056/.0022	25.53/1.005	F780	10	2152+015 IH	<b>5M2152+015</b> Std. 10 20 30 40

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>5M742P</b> Std. 10 20 30 40	<b>Main</b>								
	1-5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.840/0.0724	.013/.0005 .056/.0022	25.53/1.005	F780	10	2152 IH
<b>1T113S</b> Std. +.005	<b>Thrust</b>								
	3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.36/0.093	F250	2	2152T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 5M742P/5M2152+015 main set.</i>									
<b>3C711S</b> Std.	<b>Cam</b>								
	1	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		20.19/0.795	F23	1	F-28-1
	2	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		17.53/0.690	F23	1	F-28-2
	3	39.616/1.5597 39.637/1.5605	42.888/1.6885 42.913/1.6895	1.610/0.0633		20.19/0.795	F23	1	F-28-3
<b>RB902</b> Semi	<b>Small End - not bored - single pieces.</b>								
		20.625/0.8120 20.632/0.8123	22.327/0.8790 22.352/0.8800			26.67/1.050	F100	1	RB902
<b>1C1094S</b> Std.	<b>AR Auxiliary</b>								
	Front	41.953/1.6517 41.978/1.6527	45.072/1.7745 45.099/1.7755	1.571/0.0619	.014/.0006 .081/.0032	12.95/0.510	F23	1	FG-29
<b>2 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>98 1598cc (1.6) OHC</b>		<b>2 L4</b>		<b>3.156 x 3.125</b>		<b>Connecting Rod 19-25 ft.lbs/26-34 Nm</b>			
<b>98 1598cc (1.6) OHC</b>		<b>4 L4</b>		<b>3.156 x 3.125</b>		<b>Main Bearing 67-80 ft.lbs/91-108 Nm</b>			
<b>98 1598cc (1.6) OHC</b>		<b>5 L4</b>		<b>3.156 x 3.125</b>					
<b>4B1276P</b> Std. 10 20 30	<b>Rod</b>								
		47.889/1.8854 47.909/1.8862	50.889/2.0035 50.909/2.0043	1.487/0.0585	.006/.0002 .072/.0028	19.35/0.762	F780	8	5226 IH
<b>5M1557P</b> Std. 10 20 30	<b>Main</b>								
	1-5	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/0.0842	.010/.0004 .069/.0027	22.45/0.884	F780	9	5227 IH
	3 (FI)	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/0.0842	.010/.0004 .069/.0027	28.73/1.131	F780	1	5228 U
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>3 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>98 1598cc (1.6) SOHC (Mazda B6)</b>		<b>5 L4</b>		<b>78mm x 84mm</b>		<b>Connecting Rod 35-38 ft.lbs/47-52 Nm (SOHC)</b>			
<b>98 1598cc (1.6) DOHC (Mazda B6)</b>		<b>6 L4</b>		<b>78mm x 84mm</b>		<b>Connecting Rod 37-40 ft.lbs/50-54 Nm (DOHC)</b>			
<b>Turbo</b>		<b>7 L4</b>		<b>78mm x 84mm</b>		<b>Main Bearing 40-43 ft.lbs/54-58 Nm (All engines)</b>			
<b>98 1598cc (1.6) SOHC (Mazda B6)</b>		<b>7 L4</b>		<b>78mm x 84mm</b>					
<b>98 1598cc (1.6) SOHC (Mazda B6)</b>		<b>Z L4</b>		<b>78mm x 84mm</b>					
<b>112 (1.8) DOHC (Mazda BP)</b>		<b>8 L4</b>		<b>83mm x 85mm</b>					
<b>4B8351</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.940/1.7693 44.956/1.7699	47.996/1.8896 48.016/1.8904	1.510/0.0594	.020/.0008 .071/.0028	17.00/0.669	F810	8	8351A IH
<b>5M8353</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.010/0.0791	.022/.0009 .076/.0030	17.50/0.689	F810	5	8354A U
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.022/.0009 .076/.0030	17.50/0.689	F810	5	8353A L
<b>5M8354</b> Std. .25 .50	<b>Main - Full groove set.</b>								
	1-5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/0.0793	.016/.0006 .070/.0028	17.50/0.689	F810	10	8354A IH
<b>1T8353</b> Std.	<b>Thrust</b>								
	4	57.100/2.2480 (Nominal I.D.)	68.830/2.7098 (Nominal O.D.)			2.55/0.100	F250	2	8353T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M8353 main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>3</b>

**Small End - suits DOHC engines only.**

19.993/0.7871 (Nominal)	23.000/0.9055 (Nominal)				21.80/0.858	F100	1	RB4108	<b>RB4108</b> Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>116 (1.9) SOHC</b>	<b>9</b>	<b>L4</b>	<b>3.23 x 3.46</b>	<b>Connecting Rod 19-25 ft.lbs/20-34 Nm (1985-88 engines)</b>					
<b>116 (1.9) SOHC</b>	<b>J</b>	<b>L4</b>	<b>3.23 x 3.46</b>	<b>Connecting Rod 26-30 ft.lbs/35-40 Nm (1989-96 engines)</b>					
				<b>Main Bearing 67-80 ft.lbs/90-108 Nm</b>					

**Rod - 1985-86 engines (1.8862" journal).**

47.889/1.8854	50.889/2.0035	1.487/0.0585	.006/.0002	19.35/0.762	F780	8	5226 IH	<b>4B1276P</b> Std. 10 20 30
47.909/1.8862	50.909/2.0043		.072/.0028					

**Rod - 1987-96 engines (1.7287" journal). High Strength Aluminum Silicon material.**

43.888/1.7279	46.888/1.8460	1.488/0.0586	.025/.0010	19.50/0.768	F810	8	5231A IH	<b>4B1380A</b> Std. .25 .50
43.909/1.7287	46.909/1.8468		.071/.0028					

**Rod - 1987-96 engines (1.7287" journal).**

43.888/1.7279	46.888/1.8460	1.488/0.0586	.025/.0010	19.50/0.768	F780	8	5231 IH	<b>4B1380P</b> Std. .25 .50 .75 1.0
43.909/1.7287	46.909/1.8468		.071/.0028					

*To be superseded by 4B1380A when stock exhausted.*

**Main**

1-5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/0.0838	.030/.0012 .089/.0035	21.45/0.844	F780	5	5235 L	<b>5M1706P</b> Std. .25 .50 .75
1,2,4,5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/0.0838	.030/.0012 .089/.0035	22.45/0.884	F780	4	5236 U	
3(FI)	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/0.0838	.030/.0012 .089/.0035	28.73/1.131	F780	1	5237 U	

*Overflange length remains constant for standards and undersizes.*

**Cam Tower**

1		48.349/1.9035	1.277/0.0503		23.50/0.925	F23	1	FA-1-1	<b>5C6003S</b> Std.
2		48.222/1.8985	1.214/0.0478		23.50/0.925	F23	1	FA-1-2	
3		48.095/1.8935	1.151/0.0453		23.50/0.925	F23	1	FA-1-3	
4		47.968/1.8885	1.087/0.0428		23.50/0.925	F23	1	FA-1-4	
5		47.841/1.8835	1.024/0.0403		23.50/0.925	F23	1	FA-1-5	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>122 1989cc (2.0) SOHC</b>	<b>P</b>	<b>L4</b>	<b>3.338 x 3.464</b>	<b>Connecting Rod 26-30 ft.lbs/35-41 Nm</b>					
				<b>Main Bearing 66-79 ft.lbs/89-107 Nm</b>					

**Rod - 1987-96 engines (1.7287" journal). High Strength Aluminum Silicon material.**

43.888/1.7279	46.888/1.8460	1.488/0.0586	.025/.0010	19.50/0.768	F810	8	5231A IH	<b>4B1380A</b> Std. .25 .50
43.909/1.7287	46.909/1.8468		.071/.0028					

**Rod**

43.888/1.7279	46.888/1.8460	1.488/0.0586	.025/.0010	19.50/0.768	F780	8	5231 IH	<b>4B1380P</b> Std. .25 .50 .75 1.0
43.909/1.7287	46.909/1.8468		.071/.0028					

*To be superseded by 4B1380A when stock exhausted.*

**Main**

1-5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/0.0838	.030/.0012 .089/.0035	21.45/0.844	F780	5	5235 L	<b>5M1706P</b> Std. .25 .50 .75
1,2,4,5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/0.0838	.030/.0012 .089/.0035	22.45/0.884	F780	4	5236 U	
3(FI)	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/0.0838	.030/.0012 .089/.0035	28.73/1.131	F780	1	5237 U	

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>6 ENGINE</b>									
<b>122 1989cc (2.0) OHC (Pinto)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
			<b>L4</b>	<b>3.58 x 3.03</b>		<b>Connecting Rod 29-34 ft.lbs/39-46 Nm</b>			
						<b>Main Bearing 65-75 ft.lbs/88-102 Nm</b>			
<b>4B943P</b> Std. .25 .50 .75 1.0	<b>Rod</b>	51.990/2.0468 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.490/0.0589	.008/.0003 .064/.0025	20.00/0.787	F780	8	5220 IH
	<b>Main</b>								
<b>5M1084P</b> Std. .25 .50 .75 1.0	1-5	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.810/0.0713	.010/.0004 .066/.0026	23.57/0.928	F780	10	5221 IH
	<b>Thrust</b>								
<b>2T218S</b> Std.	3	63.600/2.5039 63.850/2.5138	80.240/3.1590 80.500/3.1693			2.35/0.093	F250	4	2167T U/L
	<b>Cam</b>								
<b>3C733S</b> Std.	1	41.990/1.6531 42.010/1.6539	45.085/1.7750 45.110/1.7760	1.520/0.0600		20.07/0.790	F23	1	F-29-1
	2	44.610/1.7563 44.630/1.7571	47.700/1.8780 47.725/1.8790	1.520/0.0600		17.02/0.670	F23	1	F-29-2
	3	44.990/1.7712 45.010/1.7720	48.082/1.8930 48.108/1.8940	1.520/0.0600		16.00/0.630	F23	1	F-29-3A
<b>1C1094S</b> Std.	<b>AR Auxiliary</b>								
	Front	41.953/1.6517 41.978/1.6527	45.072/1.7745 45.099/1.7755	1.571/0.0619	.014/.0006 .081/.0032	12.95/0.510	F23	1	FG-29
<b>7 ENGINE</b>									
<b>122 1989cc (2.0) Mazda RF Diesel</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
			<b>H L4</b>	<b>86mm x 86mm</b>		<b>Connecting Rod 51-54 ft.lbs/69-73 Nm</b>			
						<b>Main Bearing 61-65 ft.lbs/83-88 Nm</b>			
<b>4B2130</b> Std. .25 .50 .75 1.0	<b>Rod</b>	50.940/2.0055 50.955/2.0061	54.002/2.1261 54.017/2.1266	1.510/0.0594	.027/.0011 .083/.0033	21.13/0.832	F810	8	2130A IH
	<b>Main</b>								
<b>5M2134</b> Std. .25 .50 .75 1.0	1,2,4,5	59.940/2.3598 59.960/2.3606	63.999/2.5196 64.019/2.5204	2.007/0.0790	.025/.0010 .091/.0036	19.13/0.753	F780	8	2134 IH
	3	59.940/2.3598 59.960/2.3606	63.999/2.5196 64.019/2.5204	2.007/0.0790	.025/.0010 .091/.0036	21.13/0.832	F780	2	2135 IH
<b>2T2134</b> Std.	<b>Thrust</b>								
	3	68.800/2.7087 (Nominal I.D.)	84.250/3.3169 (Nominal O.D.)			2.05/0.081	F250	4	2134T U/L
<i>Note: Set includes four pieces, use on No.3 position. Required with 5M2134 main set.</i>									
<b>RB4077</b> Semi	<b>Small End - not bored, single pieces.</b>								
		24.987/0.9837 25.000/0.9843	28.013/1.1029 28.033/1.1037			26.75/1.053	F100	1	RB4077
<b>8 ENGINE</b>									
<b>121 1989cc (2.0) DOHC (Zetec)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
			<b>3 L4</b>	<b>84.8mm x 87.9mm</b>		<b>Connecting Rod 16-19 ft.lbs + 90 deg</b>			
						<b>Main Bearing 13-16 ft.lbs + 90 deg</b>			
<b>4B4135A</b> Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>	46.890/1.8461 46.910/1.8468	49.890/1.9642 49.910/1.9650	1.475/0.0581	.030/.0012 .086/.0034	20.10/0.791	F810	8	4135A IH
	<b>Rod - .002" oversize OD version of 4B4135A.</b>								
<b>4B4135AO/S2</b> .25 .50 .75		46.890/1.8461 46.910/1.8468	49.940/1.9661 49.960/1.9669	1.625/0.0640 (@ 0.25mm u/size)	.030/.0012 .086/.0034	20.10/0.791	F810	8	9062A IH
	<b>Main - High Strength Aluminum Silicon material.</b>								
<b>5M7193A</b> Std. .25 .50 .75	1,2,4,5	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.131/0.0839	.025/.0010 .074/.0029	19.21/0.756	F810	9	7193A U/L
	3 (FI)	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.131/0.0839	.025/.0010 .074/.0029	24.68/0.972	F810	1	7195A U

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
140 (2.3) OHC			L4	3.78 x 3.13		Connecting Rod 30-36 ft.lbs/40-48 Nm			
140 (2.3) OHC		6	L4	3.78 x 3.13		Main Bearing 80-90 ft.lbs/108-122 Nm			
140 (2.3) OHC		A	L4	3.78 x 3.13					
140 (2.3) OHC Turbo		W	L4	3.78 x 3.13					
140 (2.3) OHC		Y	L4	3.78 x 3.13					

**9**
**Rod**

51.981/2.0465	55.169/2.1720	1.580/0.0624	.012/.0005	20.32/0.800	F780	8	2186
51.999/2.0472	55.189/2.1728		.076/.0030				IH

**4B984P**  
Std. 10 20 30

**Main - full groove.**

1,2,4,5	60.914/2.3982	65.791/2.5902	2.428/0.0956	.012/.0005	24.13/0.950	F780	8	2185
	60.935/2.3990	65.811/2.5910		.078/.0031				U/L
3 (FI)	60.914/2.3982	65.791/2.5902	2.428/0.0956	.012/.0005	30.35/1.195	F780	2	2187
	60.935/2.3990	65.811/2.5910		.078/.0031				U/L

**5M1117P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Cam - Special oil control bearing - differs from OEM design. 360 OD groove.**

1-4	44.990/1.7713	48.275/1.9006	1.620/0.0638		17.73/0.698	F23	4	F-34-1B
	45.010/1.7720	48.300/1.9016						

**4C777BS**  
Std.

**Cam**

1-4	44.990/1.7713	48.275/1.9006	1.620/0.0638		17.73/0.698	F23	4	F-34-1
	45.010/1.7720	48.300/1.9016						

**4C777S**  
Std.

**AR Auxiliary**

1	41.960/1.6520	45.644/1.7970	1.810/0.0712		12.83/0.505	F23	1	AGB-34-1
	41.986/1.6530	45.670/1.7980						
2	41.960/1.6520	45.136/1.7770	1.550/0.0612		12.83/0.505	F23	1	AGB-34-2
	41.986/1.6530	45.160/1.7780						

**2C1095S**  
Std.

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
140 (2.3) OHV (HSC)		R	L4	3.78 x 3.13		Connecting Rod 21-26 ft.lbs/29-35 Nm			
140 (2.3) OHV (HSC)		S	L4	3.78 x 3.13		Main Bearing 51-66 ft.lbs/69-90 Nm			
140 (2.3) OHV (HSC)		X	L4	3.78 x 3.13					
153 (2.5) OHV (HSC)		D	L4	3.78 x 3.58					

**10**
**Rod - 1986-94 engines only.**

53.929/2.1232	56.871/2.2390	1.458/0.0574	.005/.0002	20.57/0.810	F780	8	5240
53.950/2.1240	56.891/2.2398		.071/.0028				IH

**4B1383P**  
Std. 10 20 30

**Rod - 1984-85 engines only.**

53.934/2.1234	56.871/2.2390	1.458/0.0574	.010/.0004	20.57/0.810	F780	8	2150
53.945/2.1238	56.891/2.2398		.066/.0026				IH

**4B583P**  
Std. 10 20 30

**Main**

1	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	25.90/1.020	F780	1	5223
	57.125/2.2490	61.011/2.4020		.071/.0028				U
2,4,5	57.109/2.2484	60.995/2.4014	1.928/0.0759	.020/.0008	25.90/1.020	F780	3	2126
	57.119/2.2488	61.006/2.4018		.056/.0022				U
1-5	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	25.90/1.020	F780	5	5224
	57.125/2.2490	61.011/2.4020		.071/.0028				L
3 (FI)	57.104/2.2482	60.990/2.4012	1.928/0.0759	.010/.0004	32.28/1.271	F780	1	2127
	57.125/2.2490	61.011/2.4020		.076/.0030				U

**5M1629P**  
Std. 10 20 30

*Overflange length remains constant for standard and undersizes.*

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>10 (Cont'd.)</b>									
<b>5M5222P</b> 20	1	57.104/2.2482 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/0.0759	.010/.0004 .071/.0028	25.90/1.020	F780	1	5223 U
	2,4,5	57.104/2.2482 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/0.0759	.020/.0008 .056/.0022	25.90/1.020	F780	3	2126 U
	1-5	57.104/2.2482 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/0.0759	.010/.0004 .071/.0028	25.90/1.020	F780	5	5224 L
	3 (FI)	57.104/2.2482 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/0.0759	.010/.0004 .076/.0030	32.39/1.275	F780	1	5222 U
	<i>To be discontinued when stock exhausted.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M5222P</b>									
				Overall Width (Nominal)		Increase in Width			
				1.275"		+.004"			
		.020" u/s shaft							
<b>4C1251S</b> Std.	<b>Cam</b>								
	1	50.988/2.0074 51.013/2.0084	55.988/2.2042 56.012/2.2052	2.470/0.0973		18.42/0.725	F23	1	F-46-1
	2,3	50.988/2.0074 51.013/2.0084	55.588/2.1885 55.613/2.1895	2.270/0.0894		18.42/0.725	F23	2	F-46-2
	4	50.988/2.0074 51.013/2.0084	55.988/2.2042 56.012/2.2052	2.470/0.0973		12.90/0.508	F23	1	F-46-3
<b>11 ENGINE</b>									
<b>140 (2.3) Duratec</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
		<b>Z</b>	<b>L4</b>	<b>87.4mm x 94mm</b>	<b>Connecting Rod 26 ft.lbs + 90 deg</b> <b>Main Bearing 63 ft.lbs (Tighten thrust position last)</b>				
<b>4B8170A</b> Std. .25 .50	<b>Rod</b>								
		49.980/1.9677 50.000/1.9685	53.025/2.0876 53.045/2.0884	1.500/0.0591	.026/.0010 .052/.0020	16.80/0.661	F810	8	8170A IH
<b>4B8170AO/S2</b> .25 .50 .75	<b>Rod - .002" oversize OD version of 4B8170A.</b>								
		49.980/1.9677 50.000/1.9685	53.076/2.0896 53.096/2.0904	1.650/0.0650 (@ 0.25mm u/s)	.026/.0010 .052/.0020	16.80/0.661	F810	8	9111A IH
<b>5M8174A</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.520/0.0992	.015/.0006 .045/.0018	19.09/0.752	F810	9	8173A U/L
	3 (FI)	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.517/0.0991	.015/.0006 .045/.0018	25.75/1.014	F810	1	8174A U
<b>12 ENGINE</b>									
<b>144 (2.4)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>170 (2.8)</b>			<b>L6</b>	<b>3.50 x 2.50</b>	<b>Connecting Rod 19-24 ft.lbs/26-32 Nm</b>				
<b>170 (2.8)</b>			<b>L6</b>	<b>3.50 x 2.94</b>	<b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>				
<b>200 (3.3)</b>		<b>U</b>	<b>L6</b>	<b>3.50 x 2.94</b>					
			<b>L6</b>	<b>3.68 x 3.13</b>					
<b>6B583P</b> Std. 10 20 30 40	<b>Rod</b>								
		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/0.0574	.010/.0004 .067/.0026	20.57/0.810	F780	12	2150 IH
<b>4C703S</b> Std.	<b>Cam</b>								
	1	45.960/1.8095 45.985/1.8105	50.241/1.9780 50.267/1.9790	2.110/0.0832		18.42/0.725	F23	1	F-32-1
	2	45.960/1.8095 45.985/1.8105	49.860/1.9630 49.886/1.9640	1.920/0.0757		18.42/0.725	F23	1	F-17-2
	3	45.960/1.8095 45.985/1.8105	49.479/1.9480 49.505/1.9490	1.730/0.0682		18.42/0.725	F23	1	F-17-3
	4	45.960/1.8095 45.985/1.8105	49.098/1.9330 49.124/1.9340	1.540/0.0607		18.42/0.725	F23	1	F-17-4



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>13</b>
155 2450cc (2.5) Duratec			L	V6	3.24 x 3.13	Connecting Rod + 90 degrees Step 3				
182 (3.0) Duratec			1	V6	3.24 x 3.13	Connecting Rod 17 ft.lbs/23 Nm Step 1				
182 (3.0) Duratec			2	V6	3.24 x 3.13	Connecting Rod 32 ft.lbs/43 Nm Step 2				
182 (3.0) Duratec			S	V6	3.24 x 3.13	Main Bearing Consult Service Manual				

**Rod - High Strength Aluminum Silicon material.**

49.972/1.9674	53.015/2.0872	1.501/0.0591	.023/.0009	18.00/0.709	F810	12	4395A
49.990/1.9681	53.035/2.0880		.077/.0030				

**6B4395A**  
Std. .25 .50 .75

**Rod - .002" oversize OD version of 6B4395A.**

49.972/1.9674	53.066/2.0892	1.651/0.0650	.023/.0009	18.00/0.709	F810	12	9082A
49.990/1.9681	53.086/2.0900	(@0.25mm u/s)	.077/.0030				IH

**6B4395AO/S2**  
.25 .50 .75

**Main - High Strength Aluminum Silicon material.**

1,2,3	62.969/2.4791	67.998/2.6771	2.502/0.0985	.020/.0008	17.90/0.705	F810	6	7262A
	62.992/2.4800	68.020/2.6779		.060/.0024				U/L
4 (FI)	62.969/2.4791	67.998/2.6771	2.502/0.0985	.020/.0008	22.30/0.878	F810	1	7263A
	62.992/2.4800	68.020/2.6779		.064/.0025				U/L
	71.100/2.7992	93.550/3.6831			1.95/0.077			7263T
	71.350/2.8090	93.800/3.6929						

**4M7262A**  
Std. .25 .50 .75

**Small End - not bored, single pieces.**

21.011/0.8272	24.030/0.9461			21.46/0.845	F100	1	RB4114
21.013/0.8273	24.038/0.9464						

**RB4114**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					<b>14</b>
2606cc (2.6)		V6	3.54 x 2.63	Connecting Rod 21-25 ft.lbs/29-34 Nm					
171 (2.8)		V6	3.66 x 2.71	Main Bearing 65-75 ft.lbs/88-102 Nm					
171 (2.8)	Z	V6	3.66 x 2.71						

**Rod**

53.980/2.1252	56.820/2.2370	1.410/0.0555	.012/.0005	16.48/0.649	F780	12	1656
54.000/2.1260	56.840/2.2378		.078/.0030				IH

**6B723P**  
Std. 10 20 30 40

**Rod - .002" oversize OD version of 6B723P.**

53.980/2.1252	56.869/2.2390	1.559/0.0614	.005/.0002	16.48/0.649	F780	12	9060
54.000/2.1260	56.891/2.2400	(@ .010" u/s)	.073/.0029				IH

**6B723PO/S2**  
10 20 30 40

**Main - 171 engines 5/1/74 to 79 only. All straight main bearings.**

1,2,3,4	56.980/2.2433	60.620/2.3866	1.800/0.0709	.014/.0006	21.59/0.850	F780	8	1657
	57.000/2.2441	60.640/2.3873		.070/.0028				IH

**4M1346P**  
Std. 10 20 30 40

**Main - optional set to 4M860P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4	56.980/2.2433	60.620/2.3866	1.800/0.0709	.014/.0006	21.59/0.850	F780	6	1657
	57.000/2.2441	60.640/2.3873		.071/.0028				IH
3 (FI)	56.980/2.2433	60.620/2.3866	1.800/0.0709	.014/.0006	26.54/1.045	F780	2	1655
	57.000/2.2441	60.640/2.3873		.071/.0028				IH

**4M2351P**  
10 20 30 40

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M2351P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.045"	+0.010"
.020" u/s shaft	1.045"	+0.010"
.030" u/s shaft	1.045"	+0.010"
.040" u/s shaft	1.045"	+0.010"

**Main - optional set to 4M860P with +0.020" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4	56.980/2.2433	60.620/2.3866	1.800/0.0709	.014/.0006	21.59/0.850	F780	6	1657
	57.000/2.2441	60.640/2.3873		.071/.0028				IH
3 (FI)	56.980/2.2433	60.620/2.3866	1.800/0.0709	.014/.0006	26.80/1.055	F780	2	1659
	57.000/2.2441	60.640/2.3873		.071/.0028				IH

**4M2352P**  
20 30

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M2352P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.055"	+0.020"
.030" u/s shaft	1.055"	+0.020"

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>14 (Cont'd.)</b>									
<b>4M860P</b> Std. 10 20 30 40	<b>Main - for engines from 1972 to 5/1/74. All engines with flanged main bearings.</b>								
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	21.59/0.850	F780	6	1657 IH
	3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3873	1.800/0.0709	.014/.0006 .071/.0028	26.29/1.035	F780	2	1658 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>2T325S</b> Std.	<b>Thrust</b>								
	3	63.855/2.5140 (Nominal)	80.493/3.1690 (Nominal)			2.35/0.093	F250	2	2167T U
<i>Note: Thrust set includes four pieces, use on No. 3 position. Required with 4M1346P main set.</i>									
<b>4C654S</b> Std.	<b>Cam - 1972-79 engines only.</b>								
	1	41.897/1.6495 41.923/1.6505	45.030/1.7728 45.060/1.7740	1.530/0.0604		19.80/0.780	F23	1	F-31-1
	2	41.516/1.6345 41.542/1.6355	44.653/1.7580 44.679/1.7590	1.530/0.0604		17.91/0.705	F23	1	F-31-2
	3	41.135/1.6195 41.160/1.6205	44.272/1.7430 44.298/1.7440	1.530/0.0604		17.91/0.705	F23	1	F-31-3
	4	40.755/1.6045 40.780/1.6055	43.890/1.7280 43.917/1.7290	1.530/0.0604		15.25/0.600	F23	1	F-31-4
<b>15 ENGINE</b>									
<b>182 (3.0) OHV (Vulcan)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
		<b>U</b>	<b>V6</b>	<b>3.50 x 3.15</b>	<b>Connecting Rod 23-29 ft.lbs/31-39 Nm</b>				
					<b>Main Bearing 63-69 ft.lbs/85-93 Nm</b>				
<b>6B1385P</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		53.983/2.1253 54.003/2.1261	57.150/2.2500 57.170/2.2508	1.567/0.0617	.013/.0005 .079/.0031	19.25/0.758	F780	12	5230 IH
<b>4M1702P</b> Std. .25 .50 .75	<b>Main</b>								
	1,2	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.905/2.7128	2.443/0.0962	.025/.0010 .058/.0023	18.69/0.736	F780	4	5232 U/L
	3 (FI)	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.013/.0005 .076/.0030	25.65/1.010	F780	2	5233 U/L
	4	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.025/.0010 .076/.0030	27.00/1.063	F780	2	5234 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4M5219P</b> .25 .50 .75	<b>Main - optional set to 4M1702P with +0.004" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.905/2.7128	2.443/0.0962	.025/.0010 .058/.0023	18.69/0.736	F780	4	5232 U/L
	3 (FI)	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.013/.0005 .076/.0030	25.75/1.014	F780	2	5219 U/L
	4	63.983/2.5190 64.003/2.5198	68.885/2.7120 68.903/2.7127	2.435/0.0959	.025/.0010 .076/.0030	27.00/1.063	F780	2	5234 U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M5219P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.25 mm u/s shaft				1.014"		+0.004"			
0.50 mm u/s shaft				1.014"		+0.004"			
0.75 mm u/s shaft				1.014"		+0.004"			
<b>4C048AS</b> Std.	<b>Cam - has modified #4 position bearing.</b>								
	1	51.000/2.0079 51.020/2.0087	54.676/2.1526 54.727/2.1546	1.830/0.0720		24.38/0.960	F23	1	F-48-1
	2,3	51.000/2.0079 51.020/2.0087	54.176/2.1329 54.226/2.1349	1.570/0.0618		13.77/0.542	F23	2	F-48-2
	4	51.000/2.0079 51.020/2.0087	54.676/2.1526 54.727/2.1546	1.830/0.0720		13.77/0.542	F23	1	F-48-4A

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 15**
**Cam - use 4C048AS when stock depleted.**

1	51.000/2.0079 51.020/2.0086	54.676/2.1526 54.727/2.1546	1.830/0.0719		24.38/0.960	F23	1	F-48-1	<b>4C048S</b> S/C by 4C048AS
2,3	51.000/2.0079 51.020/2.0086	54.176/2.1329 54.226/2.1349	1.570/0.0620		13.77/0.542	F23	2	F-48-2	
4	51.000/2.0079 51.020/2.0086	54.676/2.1526 54.727/2.1546	1.830/0.0719		13.77/0.542	F23	1	F-48-4	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>182 (3.0) SOHC (Nissan VG30E)</b>	<b>1</b>	<b>V6</b>	<b>87mm x 83mm</b>	<b>Connecting Rod 33-40 ft.lbs/45-54 Nm</b> <b>Main Bearing 67-74 ft.lbs/91-100 Nm</b>
<b>182 (3.0) SOHC (Nissan VG30E)</b>	<b>W</b>	<b>V6</b>	<b>87mm x 83mm</b>	
<b>3275cc (3.3) SOHC (Nissan VG33E)</b>		<b>V6</b>	<b>92mm x 83mm</b>	
<b>3275cc (3.3) SOHC (Nissan VG33E)</b>	<b>T</b>	<b>V6</b>	<b>92mm x 83mm</b>	

<b>Rod</b>	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/0.0593	.014/.0006 .064/.0025	17.09/0.673	F780	12	2390 IH	<b>6B2390</b> Std. .25 .50 .75 1.0
<b>Main</b>	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.657/2.6243	1.829/0.0720	.028/.0011 .099/.0039	22.50/0.886	F780	2	2777 U/L	<b>4M2777</b> Std. .25 .50 .75 1.0
2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.657/2.6243	1.829/0.0720	.028/.0011 .099/.0039	19.00/0.748	F780	4	2778 U/L	
4 (FI)	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.657/2.6243	1.829/0.0720	.028/.0011 .099/.0039	28.85/1.136	F780	2	2779 U/L	

*Overflange length remains constant for standard and undersizes.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>200 (3.3) 7 Main</b>		<b>L6</b>	<b>3.68 x 3.13</b>	<b>Connecting Rod 19-24 ft.lbs/26-32 Nm</b> <b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>
<b>200 (3.3) 7 Main</b>	<b>B</b>	<b>L6</b>	<b>3.68 x 3.13</b>	
<b>200 (3.3) 7 Main</b>	<b>T</b>	<b>L6</b>	<b>3.68 x 3.13</b>	
<b>200 (3.3) 7 Main</b>	<b>X</b>	<b>L6</b>	<b>3.68 x 3.13</b>	

<b>Rod</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/0.0574	.010/.0004 .067/.0026	20.57/0.810	F780	12	2150 IH	<b>6B583P</b> Std. 10 20 30 40
<b>Main - half groove for 75-83 engines only.</b>	57.109/2.2484 57.119/2.2488	60.991/2.4012 61.011/2.4020	1.928/0.0759	.020/.0008 .057/.0022	25.90/1.020	F780	6	2126 U	<b>7M1389P</b> Std. 10 20 30 40
1-4,6,7	57.109/2.2484 57.119/2.2488	60.991/2.4012 61.011/2.4020	1.928/0.0759	.020/.0008 .057/.0022	25.90/1.020	F780	6	5224 L	
5 (FI)	57.104/2.2482 57.124/2.2490	60.991/2.4012 61.011/2.4020	1.928/0.0759	.010/.0004 .077/.0030	32.28/1.271	F780	1	2127 U	
5 (FI)	57.104/2.2482 57.125/2.2490	60.991/2.4012 61.011/2.4020	1.928/0.0759	.010/.0004 .077/.0030	32.28/1.271	F780	1	2125 L	

*Overflange length remains constant for standard and undersizes.*

<b>Main - full groove for 65-75 engines only.</b>	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/0.0759	.020/.0008 .057/.0022	25.90/1.020	F780	12	2126 IH	<b>7M771P</b> Std. 10 20 30 40
1-4,6,7	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/0.0759	.020/.0008 .057/.0022	32.28/1.271	F780	2	2127 IH	

*Overflange length remains constant for standard and undersizes.*

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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>17 (Cont'd.)</b>										
<b>4C703S</b> Std.	<b>Cam</b>									
	1	45.960/1.8095 45.985/1.8105	50.241/1.9780 50.267/1.9790	2.110/0.0832		18.42/0.725	F23	1	F-32-1	
	2	45.960/1.8095 45.985/1.8105	49.860/1.9630 49.886/1.9640	1.920/0.0757		18.42/0.725	F23	1	F-17-2	
	3	45.960/1.8095 45.985/1.8105	49.479/1.9480 49.505/1.9490	1.730/0.0682		18.42/0.725	F23	1	F-17-3	
	4	45.960/1.8095 45.985/1.8105	49.098/1.9330 49.124/1.9340	1.540/0.0607		18.42/0.725	F23	1	F-17-4	
	<b>18 ENGINE</b>									
	<b>221 (3.6)</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
	<b>255 (4.2)</b>			<b>D</b>	<b>V8</b>	<b>3.50 x 2.87</b>	<b>Connecting Rod 19-24 ft.lbs/26-32 Nm</b>			
<b>260 (4.3)</b>				<b>V8</b>	<b>3.68 x 3.00</b>	<b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>				
<b>289 (4.7)</b>				<b>V8</b>	<b>3.80 x 2.87</b>					
<b>289 (4.7)</b>			<b>C</b>	<b>V8</b>	<b>4.00 x 2.87</b>					
<b>302 (5.0)</b>			<b>F</b>	<b>V8</b>	<b>4.00 x 3.00</b>					
<b>302 (5.0)</b>			<b>G</b>	<b>V8</b>	<b>4.00 x 3.00</b>					
<b>302 (5.0)</b>			<b>J</b>	<b>V8</b>	<b>4.00 x 3.00</b>					
<b>302 (5.0)</b>			<b>M</b>	<b>V8</b>	<b>4.00 x 3.00</b>					
<b>302 (5.0)</b>			<b>P</b>	<b>V8</b>	<b>4.00 x 3.00</b>					
<b>302 (5.0)</b>			<b>T</b>	<b>V8</b>	<b>4.00 x 3.00</b>					
<b>8B634A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>									
		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/0.0574	.016/.0006 .081/.0032	18.44/0.726	F810	16	2131A	
	<b>Rod - .002" oversize OD version of 8B634A.</b>									
	<b>8B634AO/S2</b> 10 20 30 40		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.610/0.0634 (@ .010" u/s)	.016/.0006 .081/.0032	18.44/0.726	F810	16	9030A IH
	<b>Rod</b>									
	<b>8B634P</b> Std. 01 10 20 30 40		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/0.0574	.016/.0006 .081/.0032	18.44/0.726	F780	16	2131 IH
	<b>Rod - .002" oversize OD version of 8B634P.</b>									
	<b>8B634PO/S2</b> 10 20 30 40		53.919/2.1228 53.939/2.1236	56.922/2.2410 56.942/2.2418	1.610/0.0634 (@ .010" u/s)	.017/.0007 .083/.0033	18.44/0.726	F780	16	9030 IH
	<b>Main - optional set to 5M590P with +0.020" overflange length increase for undersizes. *See below for dimensional information.</b>									
	<b>5M1666P</b> 10 20 30 40	1,2,3,4	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	29.28/1.153	F780	2	2145 U/L	
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M1666P</b>										
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
		.010" u/s shaft		1.153"	+0.020"					
		.020" u/s shaft		1.153"	+0.020"					
		.030" u/s shaft		1.153"	+0.020"					
		.040" u/s shaft		1.153"	+0.020"					
<b>Main - optional set to 5M590P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>										
<b>5M1746P</b> 10 20 30 40	1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L	
	3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	29.03/1.143	F780	2	2139 U/L	
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M1746P</b>										
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
		.010" u/s shaft		1.143"	+0.010"					
		.020" u/s shaft		1.143"	+0.010"					
		.030" u/s shaft		1.143"	+0.010"					
		.040" u/s shaft		1.143"	+0.010"					

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 18**
**Main - optional set to 5M590P with +0.004" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.563/0.1009 (@ .010" u/s)	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L
3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.563/0.1009 (@ .010" u/s)	.005/.0002 .073/.0029	28.88/1.137	F780	2	2144 U/L

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 5M2144P**

	Overall Width (Nominal)	Increase in Width
+ .010" u/s shaft	1.137"	+0.004"
+ .020" u/s shaft	1.137"	+0.004"
+ .030" u/s shaft	1.137"	+0.004"

**Main - High Strength Aluminum Silicon material.**

1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F810	8	2132A U/L
3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	28.78/1.133	F810	2	2133A U/L

**Main - half groove.**

1,2,4,5	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	22.48/0.885	F780	8	2132 U/L
3 (FI)	57.104/2.2482 57.125/2.2490	62.006/2.4412 62.027/2.4420	2.438/0.0960	.005/.0002 .073/.0029	28.78/1.133	F780	2	2133 U/L

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.007/2.2050	1.530/0.0602		16.89/0.665	F23	1	F-18-1
2	52.464/2.0655 52.490/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2
3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3
4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4
5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5

**5M2144P**  
10 20 30

**5M590A**  
Std. 01 10 20 30 40

**5M590P**  
Std. 01 10 20 30 40

**19**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
232 (3.8) OHV	3	V6	97mm x 86mm	Connecting Rod 31-36 ft.lbs/42-48 Nm Main Bearing 65-81 ft.lbs/88-110 Nm
232 (3.8) OHV	4	V6	97mm x 86mm	
232 (3.8) OHV	C	V6	97mm x 86mm	
232 (3.8) OHV Supercharged	C	V6	97mm x 86mm	
232 (3.8) OHV Supercharged	R	V6	97mm x 86mm	

**Rod - for engines 1982-1995 only.**

58.674/2.3100 58.699/2.3110	61.636/2.4266 61.656/2.4274	1.462/0.0576	.013/.0005 .084/.0033	17.06/0.672	F780	12	5200 IH
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**6B1283P**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 6B1283P.**

58.674/2.3100 58.699/2.3110	61.687/2.4286 61.707/2.4294	1.614/0.0635 (@ 0.25 mm u/s)	.014/.0006 .085/.0033	17.06/0.672	F780	12	9055 IH
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**6B1283PO/S2**  
.25 .50 .75

**Rod - for engines 1996-97 only - High Strength Aluminum Silicon material.**

58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.460/0.0575	.013/.0005 .065/.0026	19.90/0.783	F810	12	4500A IH
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**6B4500A**  
Std. .25 .50 .75

**Rod - .002" oversize OD version of 6B4500A.**

58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.587/0.0625 (@ .25 mm u/s)	.013/.0005 .065/.0026	19.90/0.783	F810	12	9081A IH
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**6B4500AO/S2**  
.25 .50 .75

**Rod - for engines 1996-97 only.**

58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.460/0.0575	.013/.0005 .065/.0026	19.90/0.783	F780	12	4500 IH
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**6B4500P**  
Std. .25 .50 .75

*To be superseded by 6B4500A when stock exhausted.*

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.															
<b>19 (Cont'd.)</b>																								
<b>6B4500PO/S2</b> Std. .25 .50 .75	<b>Rod - .002" oversize OD version of 6B4500P.</b>																							
		58.682/2.3103 58.702/2.3111	61.681/2.4284 61.698/2.4291	1.587/0.0625 (@ .25 mm u/s)	.008/.0003 .072/.0028	19.90/0.783	F780	12	9081 IH															
<i>To be superseded by 6B4500AO/S2 when stock exhausted.</i>																								
<b>4M1561P</b> Std. .25 .50 .75 1.0	<b>Main - for engines 1982-1988 only.</b>																							
	1,3,4	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	21.66/0.853	F780	6	5202 U/L															
	2 (FI)	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	29.62/1.166	F780	2	5203 U/L															
	<i>To be superseded by 4M7295A when stock exhausted.</i>																							
<b>4M1782A</b> Std. .25 .50 .75	<b>Main - for supercharged engines only - High Strength Aluminum Silicon material.</b>																							
	1,2	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F810	2	7294A L															
	1,2	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	23.50/0.925	F810	2	7294WA U															
	3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.438/0.0960	.013/.0005 .058/.0023	29.62/1.166	F810	2	7295A U/L															
	4	63.744/2.5096 63.764/2.5104	68.890/2.7122 68.910/2.7130	2.548/0.1003	.025/.0010 .071/.0028	21.79/0.858	F810	2	5229A U/L															
	<b>Main - for supercharged engines only.</b>																							
	1,2	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F780	4	5238 U/L															
	3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	29.62/1.166	F780	2	5239 U/L															
4	63.744/2.5096 63.764/2.5104	68.890/2.7122 68.910/2.7130	2.548/0.1003	.025/.0010 .071/.0028	21.79/0.858	F780	2	5229 U/L																
<i>To be superseded by 4M1782A when stock exhausted.</i>																								
<b>4M1812P</b> Std. .25 .50 .75 1.0	<b>Main - Normally aspirated engines 1989-97 only.</b>																							
	1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F780	6	5238 U/L															
	3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	29.62/1.166	F780	2	5239 U/L															
	<i>To be superseded by 4M7295A when stock exhausted.</i>																							
<b>4M5205P</b> .25 .50 .75	<b>Main - engines 1982-88 - Optional set to 4M1561P with +0.004" overflange length increase. *See dimensional information below.</b>																							
	1,3,4	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	21.66/0.853	F780	6	5202 U/L															
	3 (FI)	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	29.72/1.170	F780	2	5205 U/L															
	<i>To be discontinued when stock exhausted.</i>																							
<table border="1"> <thead> <tr> <th colspan="3">* DIMENSIONAL INFORMATION FOR 4M5205P</th> </tr> <tr> <th></th> <th>Overall Width (Nominal)</th> <th>Increase in Width</th> </tr> </thead> <tbody> <tr> <td>0.25 mm u/s shaft</td> <td>1.170"</td> <td>+0.004"</td> </tr> <tr> <td>0.50 mm u/s shaft</td> <td>1.170"</td> <td>+0.004"</td> </tr> <tr> <td>0.75 mm u/s shaft</td> <td>1.170"</td> <td>+0.004"</td> </tr> </tbody> </table>										* DIMENSIONAL INFORMATION FOR 4M5205P				Overall Width (Nominal)	Increase in Width	0.25 mm u/s shaft	1.170"	+0.004"	0.50 mm u/s shaft	1.170"	+0.004"	0.75 mm u/s shaft	1.170"	+0.004"
* DIMENSIONAL INFORMATION FOR 4M5205P																								
	Overall Width (Nominal)	Increase in Width																						
0.25 mm u/s shaft	1.170"	+0.004"																						
0.50 mm u/s shaft	1.170"	+0.004"																						
0.75 mm u/s shaft	1.170"	+0.004"																						
<b>4M5208P</b> .25 .50 .75	<b>Main - engines 1982-88 - Optional set to 4M1561P with +0.010" overflange length increase. *See dimensional information below.</b>																							
	1,3,4	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .084/.0033	21.66/0.853	F780	6	5202 U/L															
	3 (FI)	63.978/2.5188 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.437/0.0959	.013/.0005 .058/.0023	29.87/1.176	F780	2	5208 U/L															
	<i>Stock not available from fee warehouses.</i>																							
<table border="1"> <thead> <tr> <th colspan="3">* DIMENSIONAL INFORMATION FOR 4M5208P</th> </tr> <tr> <th></th> <th>Overall Width (Nominal)</th> <th>Increase in Width</th> </tr> </thead> <tbody> <tr> <td>0.25 mm u/s shaft</td> <td>1.176"</td> <td>+0.010"</td> </tr> <tr> <td>0.50 mm u/s shaft</td> <td>1.176"</td> <td>+0.010"</td> </tr> <tr> <td>0.75 mm u/s shaft</td> <td>1.176"</td> <td>+0.010"</td> </tr> </tbody> </table>										* DIMENSIONAL INFORMATION FOR 4M5208P				Overall Width (Nominal)	Increase in Width	0.25 mm u/s shaft	1.176"	+0.010"	0.50 mm u/s shaft	1.176"	+0.010"	0.75 mm u/s shaft	1.176"	+0.010"
* DIMENSIONAL INFORMATION FOR 4M5208P																								
	Overall Width (Nominal)	Increase in Width																						
0.25 mm u/s shaft	1.176"	+0.010"																						
0.50 mm u/s shaft	1.176"	+0.010"																						
0.75 mm u/s shaft	1.176"	+0.010"																						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 19**
**Main - for engines 1982 on (excl. supercharged) - High Strength Aluminum Silicon material.**

1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	23.50/0.925	F810	3	7294WA U	<b>4M7295A</b> Std. .25 .50 .75
1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F810	3	7294A L	
3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.438/0.0960	.013/.0005 .058/.0023	29.62/1.166	F810	2	7295A U/L	

**Cam - 1982-87 engines.**

1,4	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.690/2.1925	1.763/0.0694		16.26/0.640	F23	2	F-45-1	<b>4C1197S</b> Std.
2,3	52.083/2.0505 52.108/2.0515	55.283/2.1765 55.308/2.1775	1.570/0.0619		14.22/0.560	F23	2	F-45-2	

**Cam - 1988-97 engines.**

1,4	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.763/0.0694	.025/.0010 .076/.0030	16.26/0.640	F23	2	F-52-1	<b>4C1447S</b> Std.
2,3	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.570/0.0619	.025/.0010 .076/.0030	14.22/0.560	F23	2	F-51-2	

**Balance Shaft - 1988-97 engines.**

Front & Rear	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.690/2.1925	1.763/0.0694	.076/.0030	16.26/0.640	F23	2	AGB-51-1	<b>2BS1445S</b> Std.
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>245 (4.0) SOHC</b>	<b>E</b>	<b>V6</b>	<b>3.95 x 3.32</b>	<b>Connecting Rod 18-24 ft.lbs/25-32 Nm</b>
<b>245 (4.0) SOHC</b>	<b>K</b>	<b>V6</b>	<b>3.95 x 3.32</b>	<b>Main Bearing 66-77 ft.lbs/89-104 Nm</b>

**20**
**Rod**

	53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.410/0.0555	.012/.0005 .078/.0030	16.48/0.649	F780	12	1656 IH	<b>6B723P</b> Std. 10 20 30 40
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**Rod - .002" oversize OD version of 6B723P.**

	53.980/2.1252 54.000/2.1260	56.869/2.2390 56.891/2.2400	1.559/0.0614 (@ .010" u/s)	.005/.0002 .073/.0029	16.48/0.649	F780	12	9060 IH	<b>6B723PO/S2</b> 10 20 30 40
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**Main**

1,2,4 Upper	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1657 U	<b>4M2006P</b> Std. 10 20 30
1,2,4 Lower	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	21.59/0.850	F780	3	1663 L	
3 (FI)	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/0.0711	.015/.0006 .081/.0032	26.29/1.035	F780	2	1658 IH	

*Overflange length remains constant for standard and undersizes.*
**AR Auxiliary**

Front		47.046/1.8522	1.549/0.0610		29.00/1.142	F23	1	FG-53-1	<b>2C6002S</b> Std.
Rear		45.903/1.8072	1.549/0.0610		22.98/0.905	F23	1	FG-53-2	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>250 (4.1)</b>	<b>C</b>	<b>L6</b>	<b>3.68 x 3.91</b>	<b>Connecting Rod 21-26 ft.lbs/28-35 Nm</b>
<b>250 (4.1)</b>	<b>L</b>	<b>L6</b>	<b>3.68 x 3.91</b>	<b>Main Bearing 60-70 ft.lbs./81-95 Nm</b>

**21**
**Rod**

	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/0.0574	.010/.0004 .067/.0026	20.57/0.810	F780	12	2150 IH	<b>6B583P</b> Std. 10 20 30 40
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# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 21 (Cont'd.)

7M2193P 10 20 30 40	<b>Main - Alt set to 7M979P with +0.010" overflange length increase for undersizes. * See below for dimensional information.</b>								
	1-4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	24.13/0.950	F780	12	2185 U/L
	5 (FI)	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	30.61/1.205	F780	2	2193 U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 7M2193P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.010" u/s shaft	1.205"				
				.020" u/s shaft	1.205"				
				.030" u/s shaft	1.205"				
				.040" u/s shaft	1.205"				
7M979P Std. 01 10 20 30 40	<b>Main</b>								
	1-4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	24.13/0.950	F780	12	2185 U/L
	5 (FI)	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/0.0956	.025/.0010 .066/.0026	30.35/1.195	F780	2	2187 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
4C703S Std.	<b>Cam</b>								
	1	45.960/1.8095 45.985/1.8105	50.241/1.9780 50.267/1.9790	2.110/0.0832		18.42/0.725	F23	1	F-32-1
	2	45.960/1.8095 45.985/1.8105	49.860/1.9630 49.886/1.9640	1.920/0.0757		18.42/0.725	F23	1	F-17-2
	3	45.960/1.8095 45.985/1.8105	49.479/1.9480 49.505/1.9490	1.730/0.0682		18.42/0.725	F23	1	F-17-3
	4	45.960/1.8095 45.985/1.8105	49.098/1.9330 49.124/1.9340	1.540/0.0607		18.42/0.725	F23	1	F-17-4

## 22 ENGINE

256 (4.2) OHV

VIN **2** CYL **V6** Bore x Stroke **3.81 x 3.74**

### TORQUE SETTINGS

Connecting Rod 15-18 ft.lbs/20-24 Nm Step 1  
 Connecting Rod 29-33 ft.lbs/39-45 Nm Step 2  
 Connecting Rod 90-120 degree turn Step 3  
 Main Bearing 37 ft.lbs + 120 deg Vans  
 Main Bearing 65-81 ft.lbs Trucks

6B4500A Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>								
		58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.460/0.0575	.013/.0005 .065/.0026	19.90/0.783	F810	12	4500A IH
6B4500AO/S2 .25 .50 .75	<b>Rod - .002" oversize OD version of 6B4500A.</b>								
		58.682/2.3103 58.702/2.3111	61.630/2.4264 61.648/2.4271	1.587/0.0625 (@ .25 mm u/s)	.013/.0005 .065/.0026	19.90/0.783	F810	12	9081A IH
4M7295A Std. .25 .50 .75	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	23.50/0.925	F810	3	7294WA U
	1,2,4	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.451/0.0965	.013/.0005 .058/.0023	21.79/0.858	F810	3	7294A L
	3 (FI)	63.983/2.5190 64.003/2.5198	68.890/2.7122 68.910/2.7130	2.438/0.0960	.013/.0005 .058/.0023	29.62/1.166	F810	2	7295A U/L
	<b>Cam</b>								
4C1447S Std.	1,4	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.763/0.0694	.025/.0010 .076/.0030	16.26/0.640	F23	2	F-52-1
	2,3	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.687/2.1924	1.570/0.0619	.025/.0010 .076/.0030	14.22/0.560	F23	2	F-51-2
2BS1445S Std.	<b>Balance Shaft</b>								
	Front & Rear	52.083/2.0505 52.108/2.0515	55.664/2.1915 55.690/2.1925	1.763/0.0694	.076/.0030	16.26/0.640	F23	2	AGB-51-1



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
281 (4.6) SOHC	6	V8	90.2mm x 90mm	Connecting Rod 23 ft.lbs/31 Nm + 90 deg					
281 (4.6) SOHC	W	V8	90.2mm x 90mm	Main Bearing 24 ft.lbs/33 Nm + 90 deg					

**23**
**Rod - High Strength Aluminum Silicon material.**

52.984/2.0860	56.866/2.2388	1.928/0.0759	.012/.0005	20.96/0.825	F810	16	5636A
53.002/2.0867	56.886/2.2396		.063/.0025				IH

**8B1442A**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 8B1442A.**

52.984/2.0860	56.916/2.2408	2.075/0.0817	.013/.0005	20.95/0.825	F810	16	9080A
53.002/2.0867	56.937/2.2416	(@ .25 mm u/s)	.078/.0031				IH

**8B1442AO/S2**  
.25 .50 .75 1.0

**Rod**

52.984/2.0860	56.866/2.2388	1.928/0.0759	.012/.0005	20.96/0.825	F780	16	5636
53.002/2.0867	56.886/2.2396		.063/.0025				IH

**8B1442P**  
Std. .25 .50 .75 1.0

*To be superseded by 8B1442A when stock exhausted.*
**Rod - .002" oversize OD version of 8B1442P.**

52.984/2.0860	56.916/2.2408	2.075/0.0817	.013/.0005	20.95/0.825	F780	16	9080
53.002/2.0867	56.937/2.2416	(@ .25 mm u/s)	.078/.0031				IH

**8B1442PO/S2**  
.25 .50 .75 1.0

*To be superseded by 8B1442AO/S2 when stock exhausted.*
**Main - for engines 1993 on (Excl. DOHC). (Upper flange bearing has no tang)**

1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	18.25/0.719	F780	4	5638 L
1-5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	19.12/0.753	F780	5	5638W U
5 (FI)	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	22.61/0.890	F780	1	5639 L
5 (TW)	76.000/2.9921 76.250/3.0020 (I.D.)	91.500/3.6024 91.750/3.6122 (O.D.)			2.36/0.093	F817	1	5639T U

**5M2007P**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*
**Main - alternate set to 5M7141P with +0.010" overflange length increase. \* See below for dimensional information.**

1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.568/0.1011 (@ 0.25 mm u/s)	.014/.0006 .077/.0030	18.25/0.719	F780	4	5638 L
1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.568/0.1011 (@ 0.25 mm u/s)	.014/.0006 .077/.0030	19.12/0.753	F780	4	5638W U
5 (FI)	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.568/0.1011 (@ 0.25 mm u/s)	.014/.0006 .077/.0030	22.86/0.900	F780	2	5649 U/L

**5M5649P**  
1.0

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 5M5649P**

	Overall Width (Nominal)	Increase in Width
1.00mm u/s shaft	0.900"	+ 0.010"

**Main - for 1992 engines. (Upper flange bearing has no tang)**

1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	18.25/0.719	F780	4	5638 L
1-4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	19.12/0.753	F780	4	5638W U
5 (FI)	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/0.0962	.014/.0006 .077/.0030	22.61/0.890	F780	2	5639 U/L

**5M7141P**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*
**Main - for VIN 6 engines only.**

1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	19.26/0.758	F810	1	7293A U
2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	4	7296A U
1-5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/0.0962	.008/.0003 .071/.0028	20.06/0.790	F810	5	7296A L
5	76.750/3.0216 (ID)	96.750/3.8090 (OD)			2.92/0.115	F810	3	7296T U/L
	77.000/3.0315	97.000/3.8189						

**5M7296A**  
Std. .25 .50 .75 1.0

*Overflange length remains constant for standard and undersizes.*

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 23 (Cont'd.)

<b>6C1100A</b> Std. .25	<b>Cam Tower</b>								
	1-6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5194A L
	1-6	26.937/1.0605 26.962/1.0615	29.190/1.1492 29.144/1.1474	1.083/0.0426	.013/.0005 .038/.0015	14.70/0.579	F810	6	5195A U
	<b>Small End - single pieces, not bored.</b>								
<b>RB4113</b> Semi		21.994/0.8659 21.999/0.8661	24.016/0.9455 24.041/0.9465			23.75/0.935	F100	1	RB4113

## 24 ENGINE

VIN CYL Bore x Stroke

TORQUE SETTINGS

351 (5.8) Windsor

G

V8

4.00 x 3.50

Connecting Rod 40-45 ft.lbs/54-61 Nm

351 (5.8) Windsor

H

V8

4.00 x 3.50

Main Bearing 95-105 ft.lbs/129-142 Nm

351 (5.8) Windsor

M

V8

4.00 x 3.50

351 (5.8) Windsor

Q

V8

4.00 x 3.50

<b>8B831A</b> Std. 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/0.0577	.010/.0004 .066/.0026	18.18/0.716	F810	16	2176A IH
<b>8B831AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B831A.</b>								
		58.682/2.3103 58.702/2.3111	61.684/2.4285 61.704/2.4293	1.617/0.0637 (@ .010" u/s)	.010/.0004 .066/.0026	18.18/0.716	F810	16	9031A IH
<b>8B831P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/0.0577	.010/.0004 .066/.0026	18.18/0.716	F780	16	2176 IH
<i>To be superceded by 8B831A when stock exhausted.</i>									
<b>8B831PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B831P.</b>								
		58.682/2.3103 58.702/2.3111	61.684/2.4285 61.704/2.4293	1.617/0.0637 (@ .010" u/s)	.002/.0001 .068/.0027	18.18/0.716	F780	16	9031 IH
<i>To be superceded by 8B831AO/S2 when stock exhausted.</i>									
<b>5M1432A</b> Std. 10 20 30 40	<b>Main - engines 1977-1989 - half groove. High Strength Aluminum Silicon material.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	2178A U
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	5209A L
	<b>Main - engines 1977-1989 - half groove.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	2177 U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	5207 L
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	2178 U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	5209 L	
<i>To be superceded by 5M1432A when stock exhausted.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 24**
**Main - optional set to 5M1432A with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	2170A U
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	5249A L

**5M5249A**  
10 20 30 40

**\* DIMENSIONAL INFORMATION FOR 5M5249A**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.143"	+0.010"
.020" u/s shaft	1.143"	+0.010"
.030" u/s shaft	1.143"	+0.010"
.040" u/s shaft	1.143"	+0.010"

**Main - High Strength Aluminum Silicon material. For engines 1969-1976 - full groove.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	8	2177A IH
3 (IH)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	2	2178A IH

**5M981A**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - engines 1969-1976 - full groove. To be superseded by 5M981A when stock exhausted.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	8	2177 IH
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	2	2178 IH

**5M981P**  
Std. 01 10 20 30 40

*Overflange length remains constant for standard and undersizes.*
**Main - optional set to 5M981A with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	8	2177A IH
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	2	2170A IH

**5M982A**  
10 20 30 40

**\* DIMENSIONAL INFORMATION FOR 5M982A**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.143"	+0.010"
.020" u/s shaft	1.143"	+0.010"
.030" u/s shaft	1.143"	+0.010"
.040" u/s shaft	1.143"	+0.010"

**Main - optional set to 5M981P with +0.010" overflange length increase for undersizes. To be superseded by 5M982A when stock exhausted.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	8	2177 IH
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F780	2	2170 IH

**5M982P**  
10 20 30 40

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M982P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.143"	+0.010"
.020" u/s shaft	1.143"	+0.010"
.030" u/s shaft	1.143"	+0.010"
.040" u/s shaft	1.143"	+0.010"

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 24 (Cont'd.)

Cam									
5C510S Std.	1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.007/2.2050	1.530/0.0602		16.89/0.665	F23	1	F-18-1
	2	52.464/2.0655 52.490/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5

## 25 ENGINE

VIN	CYL	Bore x Stroke	TORQUE SETTINGS
351 (5.8) Cleveland	H V8	4.00 x 3.50	Connecting Rod 40-45 ft.lbs/54-61 Nm
351 (5.8) Cleveland	M V8	4.00 x 3.50	Main Bearing 95-105 ft.lbs./129-142 Nm
351 (5.8) Cleveland	Q V8	4.00 x 3.50	

Rod									
8B927P Std. 01 10 20 30 40		58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/0.0625	.002/.0001 .065/.0026	18.44/0.726	F780	16	2106C IH
	Rod - .002" oversize OD version of 8B927P.								
8B927PO/S2 10 20 30 40		58.682/2.3103 58.702/2.3111	61.931/2.4382 61.948/2.4390	1.740/0.0685 (@ .010" u/s)	.003/.0001 .066/.0026	18.18/0.716	F780	16	9051 IH
	Main - half groove.								
5M1010P Std. 01 10 20 30 40	1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/0.0962	.003/.0001 .071/.0028	22.35/0.880	F780	8	2107 U/L
	3 (FI)	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/0.0962	.003/.0001 .071/.0028	28.40/1.118	F780	2	2108 U/L

Overflange length remains constant for standard and undersizes.

### Cam - Performance

5C710C Std.	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	FP-26-1
	2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	FP-18-2
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	FP-18-3
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	FP-18-4
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	FP-18-5
5C710S Std.	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	F-26-1
	2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5

## 26 ENGINE

VIN	CYL	Bore x Stroke	TORQUE SETTINGS
351 (5.8) Modified	H V8	4.00 x 3.50	Connecting Rod 40-45 ft.lbs/54-61 Nm
400 (6.6)	S V8	4.00 x 4.00	Main Bearing 35-45 ft.lbs/47-61 Nm (3/8" bolts only)
			Main Bearing 95-105 ft.lbs/129-142 Nm (1/2" bolts only)

Rod									
8B927P Std. 01 10 20 30 40		58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/0.0625	.002/.0001 .065/.0026	18.44/0.726	F780	16	2106C IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 26**
**Rod - .002" oversize OD version of 8B927P.**

	58.682/2.3103 58.702/2.3111	61.931/2.4382 61.948/2.4390	1.740/0.0685 (@ .010" u/s)	.003/.0001 .066/.0026	18.18/0.716	F780	16	9051 IH	<b>8B927PO/S2</b> 10 20 30 40
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**Main - High Strength Aluminum Silicon material. For engines 1977-1979 - half groove.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	<b>5M1432A</b> Std. 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	2178A U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	1	5209A L	

*Overflange length remains constant for standard and undersizes.*
**Main - engines 1977-1979 half groove.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	2177 U	<b>5M1432P</b> Std. 01 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	4	5207 L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	2178 U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	1	5209 L	

*To be superceded by 5M1432A when stock exhausted.*
**Main - optional set to 5M1432A with +0.010" overflange length increase for undersizes. \*See dimensional information below.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	2177A U	<b>5M5249A</b> 10 20 30 40
1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	4	5207A L	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	2170A U	
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	1	5249A L	

**\* DIMENSIONAL INFORMATION FOR 5M5249A**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.143"	+0.010"
.020" u/s shaft	1.143"	+0.010"
.030" u/s shaft	1.143"	+0.010"
.040" u/s shaft	1.143"	+0.010"

**Main - High Strength Aluminum Silicon material. For engines 1971-1976 - full groove.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	8	2177A IH	<b>5M981A</b> Std. 10 20 30 40
3 (IH)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F810	2	2178A IH	

*Overflange length remains constant for standard and undersizes.*
**Main - engines 1971-1976 - full groove. To be superceded by 5M981A when stock exhausted.**

1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	8	2177 IH	<b>5M981P</b> Std. 01 10 20 30 40
3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	28.78/1.133	F780	2	2178 IH	

*Overflange length remains constant for standard and undersizes.*

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>26 (Cont'd.)</b>										
<b>5M982A</b> 10 20 30 40	<b>Main - optional set to 5M981A with +0.010" overflange length increase for undersizes. *See dimensional information below.</b>									
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F810	8	2177A IH	
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F810	2	2170A IH	
	<b>* DIMENSIONAL INFORMATION FOR 5M982A</b>									
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
					.010" u/s shaft	1.143"	+0.010"			
					.020" u/s shaft	1.143"	+0.010"			
					.030" u/s shaft	1.143"	+0.010"			
					.040" u/s shaft	1.143"	+0.010"			
	<b>5M982P</b> 10 20 30 40	<b>Main - optional set to 5M981P with +0.010" overflange length increase for undersizes. To be superceded by 5M982A when stock exhausted.</b>								
1,2,4,5		76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	21.26/0.837	F780	8	2177 IH	
3 (FI)		76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/0.0958	.011/.0004 .076/.0030	29.03/1.143	F780	2	2170 IH	
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M982P</b>										
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				.010" u/s shaft	1.143"	+0.010"				
				.020" u/s shaft	1.143"	+0.010"				
				.030" u/s shaft	1.143"	+0.010"				
				.040" u/s shaft	1.143"	+0.010"				
<b>5C710C</b> Std.	<b>Cam - Performance</b>									
	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	FP-26-1	
	2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	FP-18-2	
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	FP-18-3	
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	FP-18-4	
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	FP-18-5	
	<b>5C710S</b> Std.	<b>Cam</b>								
		1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.565/0.0616		16.89/0.665	F23	1	F-26-1
		2	52.464/2.0655 52.489/2.0665	55.600/2.1890 55.626/2.1900	1.530/0.0602		16.89/0.665	F23	1	F-18-2
		3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.530/0.0602		16.89/0.665	F23	1	F-18-3
4		51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.530/0.0602		16.89/0.665	F23	1	F-18-4	
5		51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.530/0.0602		16.89/0.665	F23	1	F-18-5	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>27</b>
390 (6.4)			V8	4.05 x 3.78	<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b> (All except 427 engines)					
390 (6.4)		S	V8	4.05 x 3.78						
390 (6.4)		X	V8	4.05 x 3.78	<b>Connecting Rod 53-58 ft.lbs/72-79 Nm</b> (427 engines only)					
390 (6.4)		Y	V8	4.05 x 3.78	<b>Main Bearing 95-105 ft.lbs/129-142 Nm</b>					
390 (6.4)		Z	V8	4.05 x 3.78						
410 (6.7)			V8	4.05 x 3.98						
427 (7.0)			V8	4.23 x 3.78						
427 (7.0)		W	V8	4.23 x 3.78						
428 (7.0)			V8	4.23 x 3.78						
428 (7.0)		P	V8	4.23 x 3.78						
428 (7.0)		Q	V8	4.23 x 3.78						
428 (7.0)		R	V8	4.23 x 3.78						
<b>Rod</b>										
	61.925/2.4380 61.946/2.4388	65.804/2.5907 65.824/2.5915	1.923/0.0757 .078/0.0031	.012/0.0005 .078/0.0031	18.67/0.735	F780	16	2110 IH	<b>8B760P</b> Std. 10 20 30 40	
<b>Rod - .002" oversize OD version of 8B760P.</b>										
	61.925/2.4380 61.946/2.4388	65.855/2.5927 65.875/2.5935	2.075/0.0817 (@ .010" u/s)	.013/0.0005 .080/0.0031	18.67/0.735	F780	16	9061 IH	<b>8B760PO/S2</b> 10 20 30 40	
<b>Main - optional set to 5M685P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>										
1,2,4,5	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.420/0.0953	.010/0.0004 .078/0.0031	23.17/0.912	F780	8	2115 IH	<b>5M2119P</b> 10 20 30 40	
3(FI)	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.425/0.0955	.068/0.0027	28.65/1.128	F780	2	2119 IH		
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M2119P</b>										
					<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>		
			.010" u/s shaft		1.128"			+0.010"		
			.020" u/s shaft		1.128"			+0.010"		
			.030" u/s shaft		1.128"			+0.010"		
			.040" u/s shaft		1.128"			+0.010"		
<b>Main - engines 1964-65 with 3.764"-3.829" flange O.D. - full groove.</b>										
1,2,4,5	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.420/0.0953	.010/0.0004 .078/0.0031	23.17/0.912	F780	8	2115 IH	<b>5M685P</b> Std. 10 20 30 40	
3(FI)	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.425/0.0955	.068/0.0027	28.40/1.118	F780	2	2114 IH		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Main - engines 1966-70 with 3.888"-3.948" flange O.D. - full groove.</b>										
1,2,4,5	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.433/0.0958	.010/0.0004 .078/0.0031	23.17/0.912	F780	8	2115 IH	<b>5M863P</b> Std. 10 20 30 40	
3 (FI)	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.441/0.0961	.010/0.0004 .078/0.0031	28.40/1.118	F780	2	2118 IH		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Cam - all engines except 1966-67 427 wedge head.</b>										
1	53.945/2.1238 54.970/2.1248	58.661/2.3095 58.687/2.3105	2.320/0.0913		15.88/0.625	F23	1	F-33-1	<b>5C781S</b> Std.	
2	53.945/2.1238 54.970/2.1248	58.280/2.2945 58.306/2.2955	2.140/0.0841		15.88/0.625	F23	1	F-15-2		
3	53.945/2.1238 54.970/2.1248	57.899/2.2795 57.925/2.2805	1.950/0.0766		15.88/0.625	F23	1	F-15-3		
4	53.945/2.1238 54.970/2.1248	57.518/2.2645 57.544/2.2655	1.760/0.0691		15.88/0.625	F23	1	F-14-4		
5	53.945/2.1238 54.970/2.1248	57.137/2.2495 57.163/2.2505	1.560/0.0616		14.35/0.565	F23	1	F-15-5		
<b>Small End - Bush has light ream allowance.</b>										
		26.314/1.0360 26.365/1.0380	0.927/0.0365		31.75/1.250	F100	1	223-3501	<b>AB02127R</b> Ream	
<b>Small End - Bush has boring allowance.</b>										
		26.314/1.0360 26.365/1.0380	1.044/0.0411		30.23/1.190	F100	1	223-3598	<b>AB02201</b> Semi	

# MERCURY



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>28 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
429 (7.0)			C	V8	4.36 x 3.59	<b>Connecting Rod 40-45 ft.lbs/54-61 Nm</b>			
429 (7.0)			J	V8	4.36 x 3.59	<b>Main Bearing 95-105 ft.lbs/129-142 Nm</b>			
429 (7.0)			K	V8	4.36 x 3.59				
429 (7.0)			N	V8	4.36 x 3.59				
429 (7.0)			Z	V8	4.36 x 3.59				
460 (7.5)			A	V8	4.36 x 3.85				
460 (7.5)			C	V8	4.36 x 3.85				
<b>8B818P</b> Std. 10 20 30 40	<b>Rod</b>	63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.927/0.0759	.012/.0005 .078/.0031	22.00/0.866	F780	16	5210 IH
<b>5M1039P</b> Std. 10 20 30 40	<b>Main - Position 1,2,4,5 is half groove &amp; Position 3 (FI) is full groove.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	24.13/0.950	F780	8	5212 U/L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/0.0957	.013/.0005 .079/.0031	28.45/1.120	F780	2	5214 IH
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5M5218P</b> 10 20 30 40	<b>Main - optional set to 5M1039P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.557/0.1007 (@ .010" u/s)	.013/.0005 .079/.0031	24.13/0.950	F780	8	5212 U/L
	3 (FI)	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.557/0.1007 (@ .010" u/s)	.013/.0005 .079/.0031	28.70/1.130	F780	2	5218 IH
	<i>Stock not available from fee warehouses.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 5M5218P</b>								
						<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>
		.010" u/s shaft				1.130"			+0.010"
		.020" u/s shaft				1.130"			+0.010"
		.030" u/s shaft				1.130"			+0.010"
		.040" u/s shaft				1.130"			+0.010"
<b>5C1111S</b> Std.	<b>Cam</b>	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.570/0.0618		14.86/0.585	F23	5	F-30-1
<b>5C1766S</b> Std.	<b>Cam - Oversize OD Cam set. Align bore housing to 2.2645"/2.2655".</b>								
	1-5	53.944/2.1238 53.969/2.1248	57.518/2.2645 57.544/2.2655	1.763/0.0694	.028/.0011 .127/.0050	16.00/0.630	F820	5	SH1766



**MG ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
58 1000cc (1.0).....			L4	62-62	1	97 (1.6).....	1588cc		L4	59-62	5
67 (1.1).....	1098cc		L4	63-66	1	1622cc (1.6).....			L4	61-68	6
67 1098cc.....	1100		L4	62-68	2	1798cc (1.8).....			L4	62-73	7
1275cc (1.3).....			L4	66-73	3	1798cc (1.8).....		H	L4	74-79	7
1275cc (1.3).....		A	L4	74-74	3	1798cc (1.8).....		J	L4	80-81	7
78 1275cc (1.3).....	1300		L4	67-71	4	216 3532cc (3.5)...			V8	69-74	8
91 1493cc (1.5).....			L4	53-61	5	216 3532cc (3.5)...		1	V8	75-77	8

**MG MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
MGA	91	1493	1.5		56-59	MIDGET	58	1000	1.0		62
	97		1.6	1588cc	60-62		67		1.1	1098cc	63-66
MGB			1.798		63-81				1.3		67-74
	216		3.532		75-77	ZB	91	1493	1.5		57-58
MGB - GT			1.798		63-74						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
58 1000cc (1.0)		L4	62.9mm x 76.2mm	Connecting Rod 35 ft.lbs/47 Nm	Std. 10 20 30 40
67 (1.1) 1098cc		L4	64.5mm x 84mm	Main Bearing 60 ft.lbs/81 Nm	

**Rod - 0.880" wide bearings.**

41.285/1.6254	44.971/1.7705	1.826/0.0719	.020/.0008	22.35/0.880	F780	8	2201 IH
41.298/1.6259	44.983/1.7710		.071/.0028				

**Main - 1.190" wide bearings.**

1,2,3	44.463/1.7505	48.158/1.8960	1.834/0.0722	.015/.0006	30.22/1.190	F780	6	2202 IH
	44.475/1.7510	48.171/1.8965		.066/.0026				

**Thrust - 2.4450" O.D. - heavy duty material.**

2	49.911/1.9650	61.849/2.4350			2.36/0.093	F250	4	2202T U/L
	50.165/1.9750	62.103/2.4450						

Note: Set includes four pieces, use on No. 2 position. Required with 3M2202 main set.

**Cam**

1	42.278/1.6645	45.606/1.7955	1.638/0.0645	.039/.0015	28.83/1.135	F23	1	4096
	42.291/1.6650	45.631/1.7965		.127/.0050				

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
67 1098cc 1100		L4	64.5mm x 84mm	Connecting Rod 35 ft.lbs/47 Nm	Std. 10 20 30 40 50
				Main Bearing 70-75 ft.lbs/95-101 Nm	

**Rod**

41.285/1.6254	44.971/1.7705	1.826/0.0719	.020/.0008	22.35/0.880	F780	8	2201 IH
41.298/1.6259	44.983/1.7710		.071/.0028				

**Main - 1.067" wide bearings.**

1,2,3	44.463/1.7505	48.158/1.8960	1.829/0.0720	.025/.0010	27.10/1.067	F780	6	2203 IH
	44.475/1.7510	48.171/1.8965		.076/.0030				

**Thrust - 2.8350" O.D.**

2	49.910/1.9650	71.760/2.8252			2.36/0.093	F250	4	2203T U/L
	50.160/1.9748	72.010/2.8350						

Note: Set includes four pieces, use on No. 2 position. Required with 3M2203 main set.

**Cam**

1	42.278/1.6645	45.606/1.7955	1.638/0.0645	.039/.0015	28.83/1.135	F23	1	4096
	42.291/1.6650	45.631/1.7965		.127/.0050				
2	41.217/1.6227	44.526/1.7530	1.628/0.0641	.041/.0016	19.30/0.760	F23	1	4094
	41.229/1.6232	44.552/1.7540		.129/.0051				
3	34.867/1.3727	38.176/1.5030	1.628/0.0641	.041/.0016	13.74/0.541	F23	1	4095
	34.879/1.3732	38.202/1.5040		.129/.0051				

**Small End - not bored.**

15.862/0.6245	19.037/0.7495			22.22/0.875	F100	1	RB843
15.875/0.6250	19.062/0.7505						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
1275cc (1.3)			L4	70.5mm x 81mm	Connecting Rod 35 ft.lbs/47 Nm				
1275cc (1.3)		A	L4	70.5mm x 81mm	Main Bearing 60 ft.lbs/81 Nm				
<b>Rod - 0.850" wide bearing.</b>									
4B2206 Std. 10 20 30 40		44.460/1.7504	48.146/1.8955	1.824/0.0718	.025/.0010	21.59/0.850	F780	8	2206
		44.473/1.7509	48.158/1.8960		.076/.0030				IH
<b>Main</b>									
3M2204 Std. 10 20 30 40	1,2,3	50.183/2.0005	54.508/2.1460	1.829/0.0720	.025/.0010	25.52/1.005	F780	6	2204
		50.825/2.0010	54.521/2.1465		.076/.0030				IH
<b>Thrust</b>									
2T2204 Std.	2	56.260/2.2150	76.070/2.9949			2.36/0.093	F250	4	2204T
		56.510/2.2248	76.330/3.0051						U/L
<i>Note: Set includes four pieces, use on No. 2 position. Required with 3M2204 main set.</i>									
<b>Cam - for engines with #1, 1.135"; #2, 0.760"; #3, 0.760" wide bushes.</b>									
3C4099 Std.	1	42.278/1.6645	45.606/1.7955	1.638/0.0645	.039/.0015	28.83/1.135	F23	1	4096
		42.291/1.6650	45.631/1.7965		.127/.0050				
	2	41.217/1.6227	44.526/1.7530	1.628/0.0641	.041/.0016	19.30/0.760	F23	1	4094
	41.229/1.6232	44.552/1.7540		.129/.0051					
	3	34.867/1.3727	38.189/1.5035	1.641/0.0646	.020/.0008	19.30/0.760	F23	1	4099
		34.887/1.3735	38.209/1.5043		.112/.0044				
<b>4 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
78 1275cc (1.3) 1300			L4	70.5mm x 81mm	Connecting Rod 35 ft.lbs				
					Main Bearing 60 ft.lbs				
<b>Rod - 0.880" wide bearings.</b>									
4B2201 Std. 10 20 30 40		41.285/1.6254	44.971/1.7705	1.826/0.0719	.020/.0008	22.35/0.880	F780	8	2201
		41.298/1.6259	44.983/1.7710		.071/.0028				IH
<b>Main</b>									
3M2204 Std. 10 20 30 40	1,2,3	50.183/2.0005	54.508/2.1460	1.829/0.0720	.025/.0010	25.52/1.005	F780	6	2204
		50.825/2.0010	54.521/2.1465		.076/.0030				IH
<b>Thrust</b>									
2T2204 Std.	2	56.260/2.2150	76.070/2.9949			2.36/0.093	F250	4	2204T
		56.510/2.2248	76.330/3.0051						U/L
<i>Note: Set includes four pieces, use on No. 2 position. Required with 3M2204 main set.</i>									
<b>Cam - for engines with #1, 1.135"; #2, 0.760"; #3, 0.541" wide bushes.</b>									
3C4095 Std.	1	42.278/1.6645	45.606/1.7955	1.638/0.0645	.039/.0015	28.83/1.135	F23	1	4096
		42.291/1.6650	45.631/1.7965		.127/.0050				
	2	41.217/1.6227	44.526/1.7530	1.628/0.0641	.041/.0016	19.30/0.760	F23	1	4094
	41.229/1.6232	44.552/1.7540		.129/.0051					
	3	34.867/1.3727	38.176/1.5030	1.628/0.0641	.041/.0016	13.74/0.541	F23	1	4095
		34.879/1.3732	38.202/1.5040		.129/.0051				
<b>5 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
91 1493cc (1.5)			L4	73mm x 88.9mm	Connecting Rod 23-35 ft.lbs/31-47 Nm				
97 (1.6) 1588cc			L4	75.4mm x 89mm	Main Bearing 70-75 ft.lbs/95-102 Nm				
<b>Rod</b>									
4B1891 Std. 10 20 30 40		47.648/1.8759	51.333/2.0210	1.824/0.0718	.024/.0009	25.53/1.005	F780	8	1891
		47.661/1.8764	51.346/2.0215		.076/.0030				IH
<b>Main</b>									
3M4302 Std. 10 20 30 40	1,2,3	50.813/2.0005	54.508/2.1460	1.829/0.0720	.025/.0010	35.05/1.380	F23	6	4302
		50.825/2.0010	54.521/2.1465		.076/.0030				IH
<b>Thrust</b>									
2T4302 Std.		56.261/2.2150	69.596/2.7400			2.36/0.093	F1	4	4302T
		56.515/2.2250	69.850/2.7500						U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 5**
**Cam**

1	45.433/1.7887	48.641/1.9150	1.585/0.0624	.025/.0010	37.57/1.479	F23	1	4306	<b>3C4306</b> Std.
	45.446/1.7892	48.666/1.9160		.076/.0030					
2	43.909/1.7287	47.117/1.8550	1.585/0.0624	.025/.0010	28.83/1.135	F23	1	4307	
	43.922/1.7292	47.142/1.8560		.076/.0030					
3	41.217/1.6227	44.425/1.7490	1.585/0.0624	.025/.0010	20.89/0.822	F23	1	4308	
	41.229/1.6232	44.450/1.7500		.076/.0030					

**ENGINE**
**VIN**
**CYL Bore x Stroke**
**TORQUE SETTINGS**
**1622cc (1.6)**
**L4**
**76.2mm x 89mm**
**Connecting Rod 23-35 ft.lbs/31-47 Nm  
Main Bearing 70-75 ft.lbs/95-102 Nm**
**6**
**Rod**

	47.648/1.8759	51.333/2.0210	1.824/0.0718	.024/.0009	25.53/1.005	F780	8	1891 IH	<b>4B1891</b> Std. 10 20 30 40
	47.661/1.8764	51.346/2.0215		.076/.0030					

**Main**

1,2,3	50.813/2.0005	54.508/2.1460	1.836/0.0723	.010/.0004	31.11/1.225	F820	6	2215AL IH	<b>3M2215</b> Std. 10 20 30 40
	50.825/2.0010	54.521/2.1465		.051/.0020					

**Thrust**

	56.261/2.2150	69.596/2.7400			2.36/0.093	F1	4	4302T U/L	<b>2T4302</b> Std.
	56.515/2.2250	69.850/2.7500							

**Cam**

1	45.433/1.7887	48.641/1.9150	1.585/0.0624	.025/.0010	37.57/1.479	F23	1	4306	<b>3C4306</b> Std.
	45.446/1.7892	48.666/1.9160		.076/.0030					
2	43.909/1.7287	47.117/1.8550	1.585/0.0624	.025/.0010	28.83/1.135	F23	1	4307	
	43.922/1.7292	47.142/1.8560		.076/.0030					
3	41.217/1.6227	44.425/1.7490	1.585/0.0624	.025/.0010	20.89/0.822	F23	1	4308	
	41.229/1.6232	44.450/1.7500		.076/.0030					

**ENGINE**
**VIN**
**CYL Bore x Stroke**
**TORQUE SETTINGS**
**1798cc (1.8)**
**L4**
**80.25mm x 88.9mm**
**Connecting Rod 40-45 ft.lbs/54-61 Nm**
**1798cc (1.8)**
**H**
**L4**
**80.25mm x 88.9mm**
**Main Bearing 70 ft.lbs/90 Nm**
**1798cc (1.8)**
**J**
**L4**
**80.25mm x 88.9mm**
**7**
**Rod**

	47.648/1.8759	51.333/2.0210	1.816/0.0715	.041/.0016	20.06/0.790	F780	8	2250 IH	<b>4B2250</b> Std. 10 20 30 40
	47.660/1.8764	51.346/2.0215		.092/.0036					

**Main - for 1965-80 engines only.**

1,3,5	54.013/2.1265	57.683/2.2710	1.816/0.0715	.025/.0010	28.70/1.130	F820	6	2254AL IH	<b>5M2255</b> Std. 10 20 30
	54.026/2.1270	57.696/2.2715		.067/.0026					

2,4	54.013/2.1265	57.683/2.2710	1.816/0.0715	.025/.0010	19.55/0.770	F820	4	2255AL IH
	54.026/2.1270	57.696/2.2715		.067/.0026				

**Thrust**

2	59.436/2.3400	74.498/2.9330			2.36/0.093	F1	4	2252T U/L	<b>2T2252</b> Std.
	59.690/2.3500	74.752/2.9430							

*Note: Set includes four pieces, use on No. 2 position. Required with 5M2255 main set.*
**Cam**

1	45.433/1.7887	48.641/1.9150	1.585/0.0624	.025/.0010	37.57/1.479	F23	1	4306	<b>3C4306</b> Std.
	45.446/1.7892	48.666/1.9160		.076/.0030					
2	43.909/1.7287	47.117/1.8550	1.585/0.0624	.025/.0010	28.83/1.135	F23	1	4307	
	43.922/1.7292	47.142/1.8560		.076/.0030					
3	41.217/1.6227	44.425/1.7490	1.585/0.0624	.025/.0010	20.89/0.822	F23	1	4308	
	41.229/1.6232	44.450/1.7500		.076/.0030					

**Small End - not bored, single pieces.**

	20.640/0.8126 (Nominal)	23.805/0.9372 23.825/0.9380			27.23/1.072	F100	1	RB4012	<b>RB4012</b> Semi
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>8 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
216 3532cc (3.5)			V8	88.9mm x 71.12mm		Connecting Rod 30-35 ft.lbs/41-47 Nm			
216 3532cc (3.5)		1	V8	88.9mm x 71.12mm		Main Bearing #1-4 50-55 ft.lbs/68-75 Nm			
		Main Bearing #5 65-70 ft.lbs/88-95 Nm							
<b>Rod - part number was 8B2226.</b>									
<b>8B610A</b> Std. 10 20 30 40		50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	16	2226A IH
		50.813/2.0005	53.980/2.1252		.066/.0026				
<b>Cam</b>									
<b>5C4326</b> Std.	1	45.339/1.7850	48.654/1.9155	1.633/0.0643	.024/.0009	19.30/0.760	F23	1	4326
		45.364/1.7860	48.704/1.9175		.150/.0059				
	2	44.577/1.7550	47.892/1.8855	1.633/0.0643	.024/.0009	19.30/0.760	F23	1	4327
		44.602/1.7560	47.942/1.8875		.150/.0059				
	3	43.815/1.7250	47.130/1.8555	1.633/0.0643	.024/.0009	19.30/0.760	F23	1	4328
		43.840/1.7260	47.180/1.8575		.150/.0059				
	4	43.053/1.6950	43.368/1.8255	1.633/0.0643	.024/.0009	19.30/0.760	F23	1	4329
		43.078/1.6960	46.418/1.8275		.150/.0059				
	5	42.291/1.6650	45.606/1.7955	1.633/0.0643	.024/.0009	19.30/0.760	F23	1	4320
		42.316/1.6660	45.656/1.7975		.150/.0059				

**MITSUBISHI ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
977cc (1.0).....	KE43, OHV		L4	63-70	1	122 1997cc (2.0)...	DOHC (4G63T), Turbo		L4	99-99	9
1088cc (1.1).....	KE44, OHV		L4	66-72	1	1999cc (2.0).....	(4G94)	E	L4	05-06	12
1187cc (1.2).....	4G42		L4	73-77	1	2000cc (2.0).....	4G94		L4	02-04	12
1189cc (1.2).....	KE46, OHV		L4	68-70	1	143 2346cc (2.3)...	4D55 (SOHC), Turbo, Diesel	9	L4	83-83	8
1198cc (1.2).....	4G16/G16B		L4	84-88	2	143 2346cc (2.3)...	4D55 (SOHC), Turbo, Diesel	J	L4	84-86	8
1244cc (1.3).....	4G11/G11B		L4	77-86	2	2351cc (2.4).....	SOHC (4G64)	G	L4	93-94	13
1298cc (1.3).....	4G13/G13B		L4	84-88	2	2351cc (2.4).....	DOHC (4G64)	L	L4	94-95	13
1378cc (1.4).....	4G41		L4	71-79	1	2351cc (2.4).....	SOHC (G64B)	L	L4	85-88	13
1410cc (1.4).....	4G12/G12B		L4	78-86	2	2351cc (2.4).....	SOHC (4G64)	W	L4	89-92	13
1439cc (1.5).....	4G33		L4	73-85	4	2351cc (2.4).....	SOHC (4G64)	G	L4	93-05	13
1468cc (1.5).....	G4AJ	J	L4	87-89	3	2351cc (2.4).....	SOHC (4G64)	Y	L4	02-04	13
1468cc (1.5).....	G4DJ	J	L4	90-94	3	2476cc (2.5).....	4D56 (SOHC), Diesel		L4	85-91	8
90 1468cc (1.5).....	4G15/G15B	K	L4	85-88	3	2497cc (2.5).....	6G73		V6	95-99	14
90 1468cc (1.5).....	4G15/G15B	X	L4	89-90	3	156 2555cc (2.6)...	G54B	7	L4	83-83	10
90 1468cc (1.5).....	12V SOHC (4G15)	A	L4	91-02	3	156 2555cc (2.6)...	G54B, Turbo	7	L4	83-83	10
98 1597cc (1.6).....	4G32/G32B, Turbo	F	L4	85-88	5	156 2555cc (2.6)...	G54B	E	L4	84-89	10
98 1597cc (1.6).....	4G61 DOHC	Y	L4	91-92	5	156 2555cc (2.6)...	G54B, Turbo	H	L4	84-87	10
98 1597cc (1.6).....	4G61 DOHC, Turbo	Z	L4	89-89	5	156 2555cc (2.6)...	G54B, Turbo	N	L4	85-89	10
107 1755cc (1.8)...	4G37	B	L4	93-94	4	181 2972cc (3.0)...	SOHC (6G72)		V6	99-04	15
107 1755cc (1.8)...	4G37	T	L4	90-92	4	181 2972cc (3.0)...	DOHC (6G72)	B	V6	91-92	15
1795cc (1.8).....	G62B	4	L4	83-83	6	181 2972cc (3.0)...	DOHC (6G72), Turbo	C	V6	91-92	15
1795cc (1.8).....	G62B, Turbo	G	L4	84-88	6	181 2972cc (3.0)...	SOHC (6G72)	F	V6	03-04	15
112 1834cc (1.8)...	4G93	D	L4	92-92	7	181 2972cc (3.0)...	SOHC (6G72)	H	V6	93-04	15
112 1834cc (1.8)...	(4G93)		L4	99-99	7	181 2972cc (3.0)...	SOHC (6G72)	L	V6	00-03	15
112 1834cc (1.8)...	(4G93)	C	L4	93-02	7	181 2972cc (3.0)...	SOHC (6G72)	S	V6	88-94	15
1855cc (1.9).....	4G51/G51B	L4	L4	74-80	8	181 2972cc (3.0)...	SOHC (6G72)		V6	99-99	15
1995cc (2.0).....	G52B		L4	74-88	10	181 2972cc (3.0)...	SOHC (6G72)	H	V6	93-05	15
122 1997cc (2.0)...	SOHC (G63B)	5	L4	83-83	9	181 2972cc (3.0)...	DOHC (6G72)	J	V6	93-99	15
122 1997cc (2.0)...	DOHC (4G63)	D	L4	93-93	9	181 2972cc (3.0)...	DOHC (6G72), Turbo	K	V6	93-98	15
122 1997cc (2.0)...	SOHC (G63B)	D	L4	84-89	9	181 2972cc (3.0)...	SOHC (6G72)	P	V6	97-03	15
122 1997cc (2.0)...	DOHC (4G63)	E	L4	93-94	9	181 2972cc (3.0)...	DOHC (6G72T), Turbo	K	V6	99-99	15
122 1997cc (2.0)...	DOHC (4G63), Turbo	F	L4	93-95	9	215 3497cc (3.5)...	DOHC (6G74)	M	V6	94-96	16
122 1997cc (2.0)...	DOHC (4G63)	R	L4	89-92	9	215 3497cc (3.5)...	SOHC (6G74)		V6	99-00	16
122 1997cc (2.0)...	DOHC (4G63), Turbo	U	L4	90-92	9	215 3497cc (3.5)...	SOHC (6G74)	P	V6	97-04	16
122 1997cc (2.0)...	SOHC (4G63)	V	L4	89-92	9	215 3497cc (3.5)...	SOHC (6G74)	R	V6	97-04	16
122 1997cc (2.0)...	16V DOHC	Y	L4	95-95	11	226 (3.7).....		K	V6	06-06	17
122 1997cc (2.0)...	16V DOHC (420A)	Y	L4	96-99	11	285 (4.7).....		N	V8	06-06	18
122 1997cc (2.0)...	DOHC (4G63), Turbo	F	L4	96-98	9						

**MITSUBISHI MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
3000GT	181	2972	3.0	DOHC	93-96	ECLIPSE - GSX	122	1997	2.0	DOHC	96-98
	181	2972	3.0	DOHC (6G72)	91-92		122	1997	2.0	DOHC (4G63)	90-95
	181	2972	3.0	SOHC	97-99	ECLIPSE - GT	181	2972	3.0	SOHC	05
3000GT - SL	181	2972	3.0	DOHC	93-99	ECLIPSE - GTS	181	2972	3.0	SOHC	05
	181	2972	3.0	DOHC (6G72)	91-92		181	2972	3.0	SOHC (6G72)	03-04
3000GT - SPYDER SL	181	2972	3.0	DOHC	95-96	ECLIPSE - RS	122	1997	2.0	16V DOHC	95-98
3000GT - SPYDER						ECLIPSE - SPYDER	122	1997	2.0	DOHC	99
VR-4	181	2972	3.0	DOHC	95-96		2351	2.4	SOHC	01-04	
3000GT - VR-4	181	2972	3.0	DOHC	93-98		181	2972	3.0	SOHC (6G72)	01-04
	181	2972	3.0	DOHC (6G72)	91-92	ECLIPSE - SPYDER					
3000GT - VR4	181	2972	3.0	DOHC	99	GS	2351	2.4	SOHC	96-05	
CORDIA		1795	1.8	G62B	83-88	ECLIPSE - SPYDER					
	122	1997	2.0	SOHC (G63B)	84-88	GST	122	1997	2.0	DOHC	96-98
CORDIA - L		1795	1.8	G62B	85	ECLIPSE - SPYDER					
	122	1997	2.0	SOHC (G63B)	84-85	GT	181	2972	3.0	SOHC	05
CORDIA - LS		1795	1.8	G62B	84	ECLIPSE - SPYDER					
	122	1997	2.0	SOHC (G63B)	84	GTS	181	2972	3.0	SOHC	05
DIAMANTE	181	2972	3.0	SOHC (6G72)	92		181	2972	3.0	SOHC (6G72)	03-04
	215	3497	3.5	SOHC	99-04	EXPO	2351	2.4	SOHC	93-95	
DIAMANTE - ES	181	2972	3.0	SOHC	93-96		2351	2.4	SOHC (4G64)	92	
	181	2972	3.0	SOHC (6G72)	93-94	EXPO - SP	2351	2.4	SOHC	93	
	215	3497	3.5	SOHC	97-98		2351	2.4	SOHC (4G64)	92	
DIAMANTE - LS	181	2972	3.0	DOHC	93-95	EXPO LRV	112	1834	1.8		93
	181	2972	3.0	DOHC (6G72)	92		112	1834	1.8	4G93	92
	215	3497	3.5	SOHC	97-98		2351	2.4	SOHC (4G64)	93-94	
ECLIPSE	107	1755	1.8	4G37	90-94	EXPO LRV - SPORT	112	1834	1.8	4G93	92
	122	1997	2.0	16V DOHC	96-99		2351	2.4	SOHC (4G64)	93-94	
	122	1997	2.0	DOHC	99	GALANT	122	1997	2.0	SOHC (4G63)	89-92
		2351	2.4	SOHC	00-04		2351	2.4	SOHC	00-03	
	181	2972	3.0	SOHC (6G72)	00-04		2351	2.4	SOHC (G64B)	85-87	
ECLIPSE - GS	107	1755	1.8	4G37	90-94		181	2972	3.0	SOHC (6G72)	99-03
	122	1997	2.0	16V DOHC	95-98	GALANT - DE		2351	2.4	SOHC	97-98
	122	1997	2.0	DOHC (4G63)	90-94	GALANT - ES	122	1997	2.0	DOHC (4G63)	93
		2351	2.4	SOHC	05		2351	2.4	SOHC	94-98	
ECLIPSE - GST	122	1997	2.0	DOHC	96-98	GALANT - GS	122	1997	2.0	DOHC (4G63)	89-92
	122	1997	2.0	DOHC (4G63)	95		2351	2.4	DOHC (4G64)	94	

## MITSUBISHI MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
GALANT - GSR	122	1997	2.0	DOHC (4G63)	91-92	MIRAGE - RS	90	1468	1.5	4G15/G15B	90
GALANT - GSX	122	1997	2.0	DOHC (4G63)	90-92	MIRAGE - S	90	1468	1.5	12V SOHC	93-96
GALANT - LS	122	1997	2.0	DOHC (4G63)	93	MIRAGE - VL	90	1468	1.5	12V SOHC	91-92
	122	1997	2.0	SOHC (4G63)	89-92		90	1468	1.5	4G15/G15B	90
			2.4	SOHC	94-98	MONTERO	156	2555	2.6	G54B	83-89
GALANT - S	122	1997	2.0	DOHC (4G63)	93		181	2972	3.0	SOHC (6G72)	89-93
			2.4	SOHC	94-96		215	3497	3.5	SOHC	98-02
GALANT - VR-4	122	1997	2.0	DOHC (4G63)	91-92	MONTERO - LS	181	2972	3.0	SOHC (6G72)	89-96
LANCER	2000	2.0	4G94	02-04		215	3497	3.5	SOHC	97	
LANCER - ES	1999	2.0		05-06	MONTERO - RS	181	2972	3.0	SOHC (6G72)	91-93	
LANCER - OZ RALLY	1999	2.0		05-06	MONTERO - SPORT	156	2555	2.6	G54B	87-88	
MIGHTY MAX	122	1997	2.0	SOHC (G63B)	83-89		181	2972	3.0	SOHC (6G72)	89-90
			2.4	SOHC (4G64)	90-94	MONTERO - SR	181	2972	3.0	SOHC (6G72)	92-93
	156	2555	2.6	G54B	85-89		215	3497	3.5	DOHC (6G74)	94-96
MIGHTY MAX - LWB	181	2972	3.0	SOHC (6G72)	90-94		215	3497	3.5	SOHC	97
			2.4	SOHC (4G64)	92	MONTERO SPORT	181	2972	3.0	SOHC	99-03
	156	2555	2.6	G54B	89		215	3497	3.5	SOHC	99-04
MIGHTY MAX - S	122	1997	2.0	SOHC (G63B)	83-84	MONTERO SPORT - ES		2351	2.4	SOHC	97-98
MIGHTY MAX - SP	143	2346	2.3	4D55 (SOHC)	83-85	MONTERO SPORT - LS	181	2972	3.0	SOHC	97-98
	156	2555	2.6	G54B	83-85	MONTERO SPORT - XLS	181	2972	3.0	SOHC	97-98
MIGHTY MAX - SPX	143	2346	2.3	4D55 (SOHC)	84	PRECIS		1468	1.5	G4AJ	87-89
	156	2555	2.6	G54B	83-89			1468	1.5	G4DJ	90-94
MIGHTY MAX - SWB	122	1997	2.0	SOHC (G63B)	89	PRECIS - LS		1468	1.5	G4AJ	87-89
			2.4	SOHC	95-96	PRECIS - RS		1468	1.5	G4AJ	88-89
			2.4	SOHC (4G64)	92			1468	1.5	G4DJ	90-91
	156	2555	2.6	G54B	89	RAIDER - DUROCROSS	226		3.7		06
MIRAGE	90	1468	1.5	12V SOHC	91-02		285		4.7		06
	90	1468	1.5	4G15/G15B	85-90	RAIDER - LS	226		3.7		06
	98	1597	1.6	4G32/G32B	88	RAIDER - XLS	285		4.7		06
	98	1597	1.6	4G61 DOHC	89	SIGMA	181	2972	3.0	SOHC (6G72)	88-90
	112	1834	1.8		99-02	STARION	156	2555	2.6	G54B	83-89
MIRAGE - DE	90	1468	1.5	12V SOHC	97-98	STARION - ES	156	2555	2.6	G54B	84-85
MIRAGE - ES	90	1468	1.5	12V SOHC	93-95	STARION - LE	156	2555	2.6	G54B	84-85
	112	1834	1.8		93-95	STARION - LS	156	2555	2.6	G54B	84
MIRAGE - GS	98	1597	1.6	4G61 DOHC	91-92	TREDIA		1795	1.8	G62B	83-88
MIRAGE - L	90	1468	1.5	4G15/G15B	85-87		122	1997	2.0	SOHC (G63B)	84-88
	98	1597	1.6	4G32/G32B	85	TREDIA - L	122	1997	2.0	SOHC (G63B)	84-85
MIRAGE - LS	90	1468	1.5	12V SOHC	91-93	TREDIA - LS		1795	1.8	G62B	84
	90	1468	1.5	4G15/G15B	89		122	1997	2.0	SOHC (G63B)	84
	98	1597	1.6	4G32/G32B	86-87	VAN		2351	2.4	SOHC (4G64)	89-90
	112	1834	1.8		93-98			2351	2.4	SOHC (G64B)	87-88

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
977cc (1.0) KE43, OHV			L4	72mm x 60mm	<b>Connecting Rod 21-27 ft.lbs/28-37 Nm</b>				
1088cc (1.1) KE44, OHV			L4	73mm x 65mm	<b>Main Bearing 36-39 ft.lbs/49-53 Nm</b>				
1187cc (1.2) 4G42			L4	71mm x 75mm					
1189cc (1.2) KE46, OHV			L4	73mm x 71mm					
1378cc (1.4) 4G41			L4	76.5mm x 75mm					
<b>4B1141</b>	<b>Rod - Non-stock item. Call for availability.</b>								
Std. .25 .50 .75 1.0		51.976/2.0463 52.000/2.0472	55.000/2.1654 55.019/2.1661	1.488/0.0586	.024/.0009 .091/.0036	22.12/0.871	F780	8	1141 IH
<b>3M1142</b>	<b>Main - Non-stock item. Call for availability.</b>								
Std. .25 .50 .75 1.0	1-3	63.985/2.5191 64.000/2.5197	68.000/2.6772 68.020/2.6779	1.991/0.0784	.018/.0007 .079/.0031	25.02/0.985	F780	6	1142 IH
<b>1T1142</b>	<b>Thrust - Non-stock item. Call for availability.</b>								
Std.	1	68.326/2.6900 68.580/2.7000	82.169/3.2350 82.423/3.2450			3.56/0.140	F1	2	1142T U/L
<i>Note: Set includes two pieces, use on No. 1 position. Required with 3M1142 main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>2</b>
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
1198cc (1.2) 4G16/G16B			L4	68.2mm x 82mm	Connecting Rod 23-25 ft.lbs/31-34 Nm				
1244cc (1.3) 4G11/G11B			L4	69.5mm x 82mm	Main Bearing 36-40 ft.lbs/49-54 Nm				
1298cc (1.3) 4G13/G13B			L4	71mm x 82mm					
1410cc (1.4) 4G12/G12B			L4	74mm x 82mm					

**Rod**

41.981/1.6528	45.000/1.7717	1.493/0.0588	.015/.0006	17.63/0.694	F820	8	1736AL	<b>4B1736</b> Std. .25 .50 .75 1.0
42.000/1.6535	45.020/1.7724		.071/.0028				IH	

**Main**

1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	19.13/0.753	F820	8	1737AL	<b>5M1737</b> Std. .25 .50 .75 1.0
								IH	
3(FI)	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	23.95/0.943	F820	2	1738AL	
								IH	

Overflange length remains constant for standard and undersizes.

<b>ENGINE</b>									<b>3</b>	
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1468cc (1.5) G4AJ			J	L4	75.5mm x 82mm	Connecting Rod 23-25 ft.lbs/31-34 Nm				
1468cc (1.5) G4DJ			J	L4	75.5mm x 82mm	Main Bearing 36-40 ft.lbs/49-54 Nm				
90 1468cc (1.5) 4G15/G15B			K	L4	75.5mm x 82mm					
90 1468cc (1.5) 4G15/G15B			X	L4	75.5mm x 82mm					
90 1468cc (1.5) 12V SOHC (4G15)			A	L4	75.5mm x 82mm					

**Rod - for engines 8/88 on.**

41.981/1.6528	45.000/1.7717	1.493/0.0588	.015/.0006	15.60/0.614	F810	8	1130A	<b>4B1130</b> Std. .25 .50 .75 1.0
42.000/1.6535	45.020/1.7724		.079/.0031				IH	

**Rod - for engines 1985 - 7/88 only.**

41.981/1.6528	45.000/1.7717	1.493/0.0588	.015/.0006	17.63/0.694	F820	8	1736AL	<b>4B1736</b> Std. .25 .50 .75 1.0
42.000/1.6535	45.020/1.7724		.071/.0028				IH	

**Main - for engines 8/88 on.**

1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	19.13/0.753	F810	8	1124A	<b>5M1124</b> Std. .25 .50 .75
								U/L	
3(FI)	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	23.95/0.943	F810	2	1125A	
								IH	

Overflange length remains constant for standard and undersizes.

**Main - for engines 1985 - 7/88 only.**

1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	19.13/0.753	F820	8	1737AL	<b>5M1737</b> Std. .25 .50 .75 1.0
								IH	
3(FI)	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	23.95/0.943	F820	2	1738AL	
								IH	

Overflange length remains constant for standard and undersizes.

<b>ENGINE</b>									<b>4</b>
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
1439cc (1.5) 4G33			L4	73mm x 86mm	Connecting Rod 23-25 ft.lbs/31-34 Nm				
107 1755cc (1.8) 4G37			B	L4	80.6mm x 86mm	Main Bearing 36-40 ft.lbs/49-54 Nm			
107 1755cc (1.8) 4G37			T	L4	80.6mm x 86mm				

**Rod**

44.991/1.7713	48.000/1.8898	1.494/0.0588	.012/.0005	23.50/0.925	F810	8	1146A	<b>4B1146</b> Std. .25 .50 .75 1.0
45.000/1.7717	48.020/1.8905		.067/.0026				IH	

**Main - half groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A	<b>5M1144</b> Std. .25 .50 .75 1.0
								U	
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A	
								L	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A	
								IH	

Overflange length remains constant for standard and undersizes.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 4 (Cont'd.)

<b>Main - full groove bearing set.</b>									
<b>5M1147</b> Std. .25 .50 .75 1.0	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH

*Overflange length remains constant for standard and undersizes.*

### 5 ENGINE

**VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>98 1597cc (1.6) 4G32/G32B Turbo</b>	<b>F</b>	<b>L4</b>	<b>76.9mm x 86mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b> (Exc. 4G61 engines)
<b>98 1597cc (1.6) 4G61 DOHC</b>	<b>Y</b>	<b>L4</b>	<b>82.3mm x 75mm</b>	<b>Connecting Rod 37-39 ft.lbs/50-53 Nm</b> (4G61 engines only)
<b>98 1597cc (1.6) 4G61 DOHC Turbo</b>	<b>Z</b>	<b>L4</b>	<b>82.3mm x 75mm</b>	<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b> (Exc. 4G61 Turbo engines)
				<b>Main Bearing 47-51 ft.lbs/64-69 Nm</b> (4G61 Turbo engine only)

<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
<b>5M1144</b> Std. .25 .50 .75 1.0	<b>Main - half groove bearing set.</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<b>5M1147</b> Std. .25 .50 .75 1.0	<b>Main - full groove bearing set.</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<b>3BS8385</b> Std.	<b>Balance Shaft</b>								
	RHF	38.974/1.5344 (Max.)	42.024/1.6545 (Max.)	1.506/0.0593	.020/.0008 .076/.0030	19.25/0.758	F830	1	SH1465
	RHR, LHR	35.977/1.4164 (Max.)	39.025/1.5364 (Max.)	1.496/0.0589	.043/.0017 .099/.0039	16.00/0.630	F830	2	SH1466
<b>5SC761</b> Std.	<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).</b>								
	1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L

### 6 ENGINE

**VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>1795cc (1.8) G62B</b>	<b>4</b>	<b>L4</b>	<b>80.6mm x 88mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b>
<b>1795cc (1.8) G62B Turbo</b>	<b>G</b>	<b>L4</b>	<b>80.6mm x 88mm</b>	<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b>

<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **6**

**Main - half groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	<b>5M1144</b> Std. .25 .50 .75 1.0
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

Overflange length remains constant for standard and undersizes.

**Main - full groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH	<b>5M1147</b> Std. .25 .50 .75 1.0
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

Overflange length remains constant for standard and undersizes.

**Balance Shaft - for engines from 1983 - 7/85.**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387	<b>3BS8387</b> Std.
RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388	

**Balance Shaft - for engines from 8/85 - 1988.**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387	<b>3BS8389</b> Std. .25 .50
LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388	
RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>112 1834cc (1.8) 4G93</b>	<b>D</b>	<b>L4</b>	<b>81mm x 89mm</b>	<b>Connecting Rod 15 ft.lbs/20 Nm + 1/4 turn</b> <b>Main Bearing 18 ft.lbs/25 Nm + 1/4 turn</b> Tighten main bearing caps from center, working towards end caps.
<b>112 1834cc (1.8) (4G93)</b>		<b>L4</b>	<b>81mm x 89mm</b>	
<b>112 1834cc (1.8) (4G93)</b>	<b>C</b>	<b>L4</b>	<b>81mm x 89mm</b>	

<b>Rod</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/0.0587	.016/.0006 .077/.0030	16.80/0.661	F780	8	8036 IH	<b>4B8036</b> Std. .25 .50 .75 1.0
<i>To be superseded by 4B8036A when stock exhausted.</i>									

**Rod - High Strength Aluminum Silicon material.**

	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/0.0587	.016/.0006 .077/.0030	16.80/0.661	F810	8	8036A IH	<b>4B8036A</b> Std. .25 .50 .75 1.0
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**Main**

1-5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/0.0784	.018/.0007 .080/.0031	19.13/0.753	F780	10	8037 U/L	<b>5M8037</b> Std. .25 .50
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*To be superseded by 5M8037A when stock exhausted.*

**Main - High Strength Aluminum Silicon material.**

1-5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/0.0784	.018/.0007 .080/.0031	19.13/0.753	F810	10	8037A U/L	<b>5M8037A</b> Std. .25 .50 .75 1.0
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**Thrust**

3	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803			1.98/0.078	F817	2	8037T IH	<b>1T8037</b> Std.
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*Set includes 2 pieces, use on number 3 position. Required with 5M8037.*

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>8 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1855cc (1.9) 4G51/G51B				L4	81mm x 90mm	Connecting Rod 32-35 ft.lbs/44-47 Nm			
143 2346cc (2.3) 4D55 (SOHC)						Main Bearing 55-61 ft.lbs/74-83 Nm			
Turbo Diesel			9	L4	91.1mm x 90mm				
143 2346cc (2.3) 4D55 (SOHC)									
Turbo Diesel			J	L4	91.1mm x 90mm				
2476cc (2.5) 4D56 (SOHC) Diesel				L4	91.1mm x 95mm				

<b>4B1136</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH
<b>5M1137</b> Std. .25 .50 .75 1.0	<b>Main - for engines with 66mm/2.5984" main journal diameter only.</b>								
	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	25.13/0.989	F780	8	1137 U/L
	3 (FI)	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	30.95/1.219	F780	2	1138 IH
<b>3BS8288</b> Std. .25	<b>Balance Shaft</b>								
	2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288
	1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289
<b>RB4091</b> Semi	<b>Small End - Not bored, 4D55/4D56 engines only.</b>								
		29.000/1.1417	32.000/1.2598			31.90/1.256	F100	1	RB4091

*Overflange length remains constant for standard and undersizes.*

<b>9 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
122 1997cc (2.0) SOHC (G63B)			5	L4	85mm x 88mm	Connecting Rod 14 ft.lbs + 90 deg. (1993-99 only)			
122 1997cc (2.0) DOHC (4G63)			D	L4	85mm x 88mm	Connecting Rod 23-25 ft.lbs/31-34 Nm (1983-88 only)			
122 1997cc (2.0) SOHC (G63B)			D	L4	85mm x 88mm	Connecting Rod 36-39 ft.lbs/49-53 Nm (1989-92 only)			
122 1997cc (2.0) DOHC (4G63)			E	L4	85mm x 88mm	Main Bearing 37-39 ft.lbs/50-53 Nm (SOHC engines)			
122 1997cc (2.0) DOHC (4G63)						Main Bearing 47-51 ft.lbs/64-69 Nm (DOHC engines)			
Turbo			F	L4	85mm x 88mm				
122 1997cc (2.0) DOHC (4G63)			R	L4	85mm x 88mm				
122 1997cc (2.0) DOHC (4G63)									
Turbo			U	L4	85mm x 88mm				
122 1997cc (2.0) SOHC (4G63)			V	L4	85mm x 88mm				
122 1997cc (2.0) DOHC (4G63)									
Turbo			F	L4	85mm x 88mm				
122 1997cc (2.0) DOHC (4G63T)									
Turbo				L4	85mm x 88mm				

<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod - For engines to 1983-5/92 only.</b>								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
<b>4B1185</b> Std. .25 .50 .75 1.0	<b>Rod - For engines from 6/92-on.</b>								
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH
<b>5M1144</b> Std. .25 .50 .75 1.0	<b>Main - for engines 1983-5/92 only - half groove.</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<b>5M1147</b> Std. .25 .50 .75 1.0	<b>Main - for engines 1983-5/92 only - full groove.</b>								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH

*Overflange length remains constant for standard and undersizes.*

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 9**
**Main - for engines from 6/92-97.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	25.40/1.000	F810	2	1187A IH

*Overflange length remains constant for standard and undersizes.*
**Main - Alt set to 5M1186 with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	25.65/1.010	F810	2	1213A IH

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 5M1213**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.50 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.75 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
1.00 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm

**Main - for use with engines 1997 on equipped with thrustwashers.**

1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	10	1186A U/L
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**Thrust**

	63.100/2.4842 63.350/2.4941 (I.D.)	80.500/3.1693 80.750/3.1791 (O.D.)			2.11/0.083	F250	2	1219T IH
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*Set includes 2 pieces to be used with 5M1219.*
**Balance Shaft - for engines from 1983-7/85.**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388

**Balance Shaft - for engines from 8/85-99.**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

1995cc (2.0) G52B		L4	84mm x 90mm	Connecting Rod 32-35 ft.lbs/44-47 Nm
156 2555cc (2.6) G54B	7	L4	91.1mm x 98mm	Main Bearing 55-61 ft.lbs/74-83 Nm
156 2555cc (2.6) G54B Turbo	7	L4	91.1mm x 98mm	
156 2555cc (2.6) G54B	E	L4	91.1mm x 98mm	
156 2555cc (2.6) G54B Turbo	H	L4	91.1mm x 98mm	
156 2555cc (2.6) G54B Turbo	N	L4	91.1mm x 98mm	

**10**
**Rod**

	52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH
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**Main - for 1974-78 engines with 66mm/2.5984" main journal diameter only.**

1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	25.13/0.989	F780	8	1137 U/L
3 (FI)	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	30.95/1.219	F780	2	1138 IH

*Overflange length remains constant for standard and undersizes.*
**4B1136**  
Std. .25 .50 .75 1.0

**5M1137**  
Std. .25 .50 .75 1.0

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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**10 (Cont'd.)**

<b>5M1139</b> Std. .25 .50 .75 1.0	<b>Main - for 1978-89 engines with 60mm/2.3622" main journal diameter only.</b>									
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
	3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	30.95/1.219	F820	2	1135AL IH	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>Main - alternate set to 5M1139. Overflange width increases for undersizes. *See below for dimensional information.</b>									
	<b>5M1143</b> .25 .50 .75 1.0	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U
		1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L
		3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	(See Table)	F820	2	1143AL IH
	<b>* DIMENSIONAL INFORMATION FOR 5M1143</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
				0.25 mm u/s shaft	1.223"/31.05mm	+0.004"/0.10mm				
				0.50 mm u/s shaft	1.226"/31.13mm	+0.007"/0.18mm				
				0.75 mm u/s shaft	1.229"/31.21mm	+0.010"/0.25mm				
				1.00 mm u/s shaft	1.232"/31.29mm	+0.013"/0.34mm				
<b>1BS8288</b> Std.	<b>Balance Shaft - engine block repair bushing. Single piece +.173" O.D. Line bore housing to 1.985"-1.986".</b>									
		43.009/1.6933 43.025/1.6939	50.419/1.9850 50.444/1.9860	3.680/0.1450	.025/.0010 .089/.0035	20.24/0.797	F23	1	8288 OOD	
<b>3BS8288</b> Std. .25	<b>Balance Shaft - bearing with groove.</b>									
	2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288	
	1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	
<b>3BS8369</b> Std. .25	<b>Balance Shaft - bearing without groove.</b>									
	2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8369	
	1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	
<b>5SC761</b> Std.	<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).</b>									
	1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L	
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U	
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L	

**11 ENGINE**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
122 1997cc (2.0) 16V DOHC	Y	L4	87.5mm x 83mm	<b>Connecting Rod 20 ft.lbs + 90 deg</b>					
122 1997cc (2.0) 16V DOHC (420A)	Y	L4	87.5mm x 83mm	<b>Main Bearing 22 ft.lbs M8 bolts with bedplate</b>					
				<b>Main Bearing 30 ft.lbs + 90 deg M10 bolts only</b>					
				<b>Main Bearing 40 ft.lbs M10 bolts with bedplate</b>					
				<b>Main Bearing 60 ft.lbs M11 bolts only</b>					

<b>4B1635P</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.991/1.8894 48.006/1.8900	50.991/2.0075 51.006/2.0081	1.490/0.0587	.005/.0002 .061/.0024	20.50/0.807	F780	8	7171 IH
<b>4B1635PO/S2</b> Std. .25 .50 .75	<b>Rod - .002" oversize OD version of 4B1635P.</b>								
		47.991/1.8894 48.006/1.8900	51.041/2.0095 51.056/2.0101	1.640/0.0646 (@ .25 mm u/s)	.005/.0002 .061/.0024	20.50/0.807	F780	8	9091 IH
<b>5M2028P</b> Std. .25 .50 .75	<b>Main - suits engines from 1996 on.</b>								
	1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	8	4342 U/L
	3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	26.26/1.034	F780	2	4343 U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 11**
**Main - .002" oversize OD version of 5M2028P.**

1,2,4,5	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	19.96/0.786	F780	8	9093 U/L	<b>5M2028PO/S2</b> Std. .25 .50 .75
3 (FI)	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	26.26/1.034	F780	2	9094 U/L	

**Main - suits 1995 engines only.**

1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	4	4372 L	<b>5M4372P</b> Std. .25 .50 .75
1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	19.96/0.786	F780	4	4342 U	
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4373 L	
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4343 U	

**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**
**1999cc (2.0) (4G94)  
2000cc (2.0) (4G94)**
**E L4 81.5mm x 95.8mm  
L4 81.5mm x 95.8mm**
**12**
**Rod**

	47.000/1.8504	50.050/1.9705	1.490/0.0587		16.75/0.659	F810	8	8050A IH	<b>4B8050A</b> Std. .25 .50 .75
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**Main**

1-5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/0.0784	.018/.0007 .080/.0031	19.13/0.753	F810	10	8037A U/L	<b>5M8037A</b> Std. .25 .50 .75 1.0
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**Thrust**

3	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803			1.98/0.078	F817	2	8037T IH	<b>1T8037</b> Std.
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*Set contains two pieces. Use with 5M8037A main set.*
**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>2351cc (2.4) SOHC (4G64)</b>	<b>G</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Connecting Rod 14 ft.lbs + 90 deg.</b> (1993-02 SOHC engines)
<b>2351cc (2.4) DOHC (4G64)</b>	<b>L</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	
<b>2351cc (2.4) SOHC (G64B)</b>	<b>L</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm</b> (1985-92 engines)
<b>2351cc (2.4) SOHC (4G64)</b>	<b>W</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Connecting Rod 36-38 ft.lbs</b> (1994-95 DOHC engines)
<b>2351cc (2.4) SOHC (4G64)</b>	<b>G</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Main Bearing 18 ft.lbs + 90 deg.</b> (1993-02 SOHC engines)
<b>2351cc (2.4) SOHC (4G64)</b>	<b>Y</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Main Bearing 36-40 ft.lbs/49-54 Nm</b> (1985-92 engines)
				<b>Main Bearing 47-51 ft.lbs</b> (1994-95 DOHC engines)

**13**
**Rod - for engines from 1985-5/92 only.**

	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	<b>4B1146</b> Std. .25 .50 .75 1.0
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**Rod - for engines from 6/92 on.**

	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH	<b>4B1185</b> Std. .25 .50 .75 1.0
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**Main - for engines from 1985 - 5/92.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1153A L	<b>5M1153</b> Std. .25 .50 .75
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1154A IH	

*Overflange length remains constant for standard and undersizes.*
**Main - for engines from 6/92-1997 equipped with flanged bearings.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L	<b>5M1186</b> Std. .25 .50 .75 1.0
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	25.40/1.000	F810	2	1187A IH	

*Overflange length remains constant for standard and undersizes.*

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 13 (Cont'd.)

<b>Main - Alt set to 5M1186 with +0.010" overflange length increase. * See below for dimensional information.</b>									
<b>5M1213</b> .25 .50 .75 1.0	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
	3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	25.65/1.010	F810	2	1213A IH
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M1213</b>									
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
		0.25 mm u/s shaft			1.010"/25.65mm				
		0.50 mm u/s shaft			1.010"/25.65mm				
		0.75 mm u/s shaft			1.010"/25.65mm				
		1.00 mm u/s shaft			1.010"/25.65mm				
<b>Main - for engines 1997 on equipped with thrustwashers.</b>									
<b>5M1219</b> Std. .25 .50 .75 1.0	1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	10	1186A U/L
	<b>Thrust</b>								
<b>1T1219</b> Std.		63.100/2.4842 63.350/2.4941 (I.D.)	80.500/3.1693 80.750/3.1791 (O.D.)			2.11/0.083	F250	2	1219T IH
	<i>Set includes 2 pieces to be used with 5M1219.</i>								
<b>Balance Shaft</b>									
<b>3BS8389</b> Std. .25 .50	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
	RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

### 14 ENGINE

2497cc (2.5) 6G73

VIN

CYL

Bore x Stroke

V6

83.5mm x 76mm

TORQUE SETTINGS

Connecting Rod 38 ft.lbs/52 Nm  
Main Bearings 60 ft.lbs/81 Nm

<b>6B1140</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		49.972/1.9674 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.493/0.0588	.015/.0006 .089/.0035	15.50/0.610	F810	12	1140A IH
<b>4M1149</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/0.0783	.020/.0008 .086/.0034	18.13/0.714	F810	8	1149A U/L
<b>2T1149</b> Std.	<b>Thrust</b>								
	3	66.000/2.5984 66.250/2.6083	77.450/3.0492 77.700/3.0590			1.98/0.078	F817	4	1149T U/L
<i>Note: Set includes 4 pieces, use on No. 3 position. Required with 4M1149 main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>15</b>
181 2972cc (3.0) SOHC (6G72)				V6	91.2mm x 75.8mm	Connecting Rod 38 ft.lbs/52 Nm				
181 2972cc (3.0) DOHC (6G72)			B	V6	91.2mm x 75.8mm	Main Bearing 60 ft.lbs/81 Nm				
181 2972cc (3.0) DOHC (6G72)										
Turbo			C	V6	91.2mm x 75.8mm					
181 2972cc (3.0) SOHC (6G72)			F	V6	91.2mm x 75.8mm					
181 2972cc (3.0) SOHC (6G72)			H	V6	91.2mm x 75.8mm					
181 2972cc (3.0) SOHC (6G72)			L	V6	91.2mm x 75.8mm					
181 2972cc (3.0) SOHC (6G72)			S	V6	91.2mm x 75.8mm					
181 2972cc (3.0) SOHC (6G72)				V6	91.2mm x 75.8mm					
181 2972cc (3.0) SOHC (6G72)			H	V6	91.2mm x 75.8mm					
181 2972cc (3.0) DOHC (6G72)			J	V6	91.2mm x 75.8mm					
181 2972cc (3.0) DOHC (6G72)										
Turbo			K	V6	91.2mm x 75.8mm					
181 2972cc (3.0) SOHC (6G72)			P	V6	91.2mm x 75.8mm					
181 2972cc (3.0) DOHC (6G72T)										
Turbo			K	V6	91.2mm x 75.8mm					

**Rod**

49.972/1.9674	53.000/2.0866	1.493/0.0588	.015/.0006	15.50/0.610	F810	12	1140A
50.000/1.9685	53.020/2.0874		.089/.0035				IH

**6B1140**  
Std. .25 .50 .75 1.0

**Main**

59.980/2.3614	64.000/2.5197	1.988/0.0783	.020/.0008	18.13/0.714	F810	8	1149A
60.000/2.3622	64.020/2.5205		.086/.0034				U/L

**4M1149**  
Std. .25 .50 .75 1.0

**Thrust**

66.000/2.5984	77.450/3.0492			1.98/0.078	F817	4	1149T
66.250/2.6083	77.700/3.0590						U/L

**2T1149**  
Std.

Note: Set includes 4 pieces, use on No. 3 position. Required with 4M1149 main set.

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>16</b>
215 3497cc (3.5) DOHC (6G74)			M	V6	93mm x 86mm	Connecting Rod 37-38 ft.lbs/50-52 Nm				
215 3497cc (3.5) SOHC (6G74)				V6	93mm x 86mm	Main Bearing 55-61 ft.lbs/57-83 Nm				
215 3497cc (3.5) SOHC (6G74)			P	V6	93mm x 86mm					
215 3497cc (3.5) SOHC (6G74)			R	V6	93mm x 86mm					

**Rod**

54.981/2.1646	58.001/2.2835	1.495/0.0589	.020/.0008	15.50/0.610	F780	12	1180
54.999/2.1653	58.019/2.2842		.051/.0020				IH

**6B1180**  
Std. .25 .50 .75

**Main**

63.983/2.5190	68.001/2.6772	1.995/0.0785	.011/.0004	17.12/0.674	F780	8	1183
64.000/2.5197	68.006/2.6774		.059/.0023				U/L

**4M1183**  
Std. .25 .50 .75 1.0

**Thrust**

70.100/2.7598	94.250/3.7106			1.96/0.077	F817	2	1183T
70.350/2.7697	94.500/3.7205						IH

**1T1183**  
Std.

Note: Set includes 2 pieces, use on No. 3 position. Required with 4M1183 main set.

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>17</b>
226 (3.7)			K	V6	93mm x 90.8mm	Connecting Rod 20 ft.lbs + 90 deg				

**Rod - High Strength Aluminum Silicon material.**

57.897/2.2794	61.194/2.4092	1.641/0.0646	.008/.0003	16.64/0.655	F810	12	7200A
57.904/2.2797	61.206/2.4097		.043/.0017				IH

**6B7200A**  
Std. .25 .50

**Rod - .002" oversize back version of 6B7200A.**

57.897/2.2794	61.244/2.4112	1.791/0.0705	.008/.0003	16.64/0.655	F810	12	9106A
57.904/2.2797	61.256/2.4116	(@ 0.25mm u/size)	.043/.0017				IH

**6B7200AO/S2**  
.25 .50 .75 1.0

**Main - High Strength Aluminum Silicon material.**

63.495/2.4998	68.395/2.6927	2.443/0.0962	.004/.0002	20.63/0.812	F810	8	7214A
63.505/2.5002	68.405/2.6931		.040/.0016				U/L

**4M7214A**  
Std. .25 .50 .75 1.0

# MITSUBISHI



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>17 (Cont'd.)</b>									
1T7214 Std.	<b>Thrust</b>								
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7214T
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7215T
<i>Set includes two pieces, use on No. 3 position. Required with 4M7214A main set.</i>									
<b>18 ENGINE</b>									
285 (4.7)		VIN N		CYL V8		Bore x Stroke 3.125 x 4.375		TORQUE SETTINGS	
Connecting Rod 35-45 ft.lbs 3/8" bolts Connecting Rod 50-55 ft.lbs 7/16" bolts Main Bearing 65-75 ft.lbs									
8B7206A Std. .25 .50 .75	<b>Rod - bearing has no tang.</b>								
		50.996/2.0077 51.003/2.0080	53.992/2.1257 54.005/2.1262	1.491/0.0587	.013/.0005 .043/.0017	16.64/0.655	F810	16	7206A IH
8B7206AO/S2 .25 .50 .75	<b>Rod - .002" oversize back version of 8B7206A.</b>								
		50.996/2.0077 51.003/2.0080	53.992/2.1257 54.005/2.1262	1.641/0.0646 (@ 0.25mm u/size)	.013/.0005 .043/.0017	16.64/0.655	F810	16	9116A IH
5M7214A Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	63.495/2.4998 63.505/2.5002	68.395/2.6927 68.405/2.6931	2.443/0.0962	.004/.0002 .040/.0016	20.63/0.812	F810	10	7214A U/L
1T7214 Std.	<b>Thrust</b>								
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7214T
	3	71.000/2.7953 71.250/2.8051	91.000/3.5827 91.250/3.5925			2.54/0.100	F817	1	7215T
<i>Set contains two pieces, use on No. 3 position. Required with 5M7214A main set.</i>									



## MITSUBISHI PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1597cc (1.6).....	(4G32-T), Turbo		L4		1	1997cc (2.0).....	SOHC/DOHC (Incl		L4	89-06	2
1597cc (1.6).....	(4G32/G32B)		L4		1		Turbo) (4G63)				
1597cc (1.6).....	(4G61)		L4		1	1997cc (2.0).....	SOHC (G63B)		L4	83-93	2
1597cc (1.6).....	(4G61-T), Turbo		L4		1	2351cc (2.4).....	SOHC/DOHC (4G64)		L4	97-97	3
1755cc (1.8).....	(4G37/G37B), Turbo		L4		1	2351cc (2.4).....	SOHC/DOHC (4G64)		L4	89-05	3
						2351cc (2.4).....	(G64B)		L4	85-89	3

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1597cc (1.6) (4G32-T) Turbo		L4	76.9mm x 86mm		
1597cc (1.6) (4G32/G32B)		L4	76.9mm x 86mm		
1597cc (1.6) (4G61)		L4	82.3mm x 75mm		
1597cc (1.6) (4G61-T) Turbo		L4	82.3mm x 75mm		
1755cc (1.8) (4G37/G37B) Turbo		L4	80.6mm x 86mm		

### Rod - Race Series.

44.991/1.7713	48.000/1.8898	1.494/0.0588	.012/.0005	23.50/0.925	F781	8	1146H	4B1146H Std. .025 .25
45.000/1.7717	48.020/1.8905		.067/.0026				IH	

### Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

44.991/1.7713	48.000/1.8898	1.481/0.0583	.037/.0015	23.50/0.925	F781	8	1146HX	4B1146HX Std.
45.000/1.7717	48.020/1.8905		.092/.0036				IH	

### Main - Race Series.

1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	23.01/0.906	F780	4	1144H	5M1144H Std. .025 .25
	57.000/2.2441	61.020/2.4024		.086/.0034				L	
1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	23.01/0.906	F780	4	1147H	
	57.000/2.2441	61.020/2.4024		.086/.0034				U	
3 (FI)	56.980/2.2433	61.000/2.4016	1.990/0.0783	.020/.0008	28.95/1.140	F780	2	1148H	
	57.000/2.2441	61.020/2.4024		.086/.0034				U/L	

Overflange length remains constant for standard and undersizes.

### Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/0.0778	.045/.0018	23.01/0.906	F780	4	1144HX	5M1144HX Std.
	57.000/2.2441	61.020/2.4024		.111/.0044				L	
1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/0.0778	.045/.0018	23.01/0.906	F780	4	1147HX	
	57.000/2.2441	61.020/2.4024		.111/.0044				U	
3 (FI)	56.980/2.2433	61.000/2.4016	1.977/0.0778	.045/.0018	28.95/1.140	F780	2	1148HX	
	57.000/2.2441	61.020/2.4024		.111/.0044				U/L	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
1997cc (2.0) SOHC/DOHC (Incl Turbo) (4G63)		L4	85mm x 88mm	Connecting Rod 14 ft.lbs + 90 deg. (1993-99 only) Connecting Rod 23-25 ft.lbs/31-34 Nm (1983-88 only) Connecting Rod 36-39 ft.lbs/49-53 Nm (1989-92 only) Main Bearing 37-39 ft.lbs/50-53 Nm (SOHC engines) Main Bearing 47-51 ft.lbs/64-69 Nm (DOHC engines)	
1997cc (2.0) SOHC (G63B)		L4	85mm x 88mm		

### Rod - Race Series. For engines 1983-5/92 only.

44.991/1.7713	48.000/1.8898	1.494/0.0588	.012/.0005	23.50/0.925	F781	8	1146H	4B1146H Std. .025 .25
45.000/1.7717	48.020/1.8905		.067/.0026				IH	

### Rod - Race Series. For engines 1983-5/92 only. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

44.991/1.7713	48.000/1.8898	1.481/0.0583	.037/.0015	23.50/0.925	F781	8	1146HX	4B1146HX Std.
45.000/1.7717	48.020/1.8905		.092/.0036				IH	

### Rod - Race Series. For engines 5/92 on.

44.981/1.7709	47.998/1.8897	1.488/0.0586	.026/.0010	21.10/0.831	F781	8	1185H	4B1185H Std. .025 .25
44.996/1.7715	48.019/1.8905		.078/.0031				IH	

### Rod - Race Series. For engines 5/92 on. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

44.981/1.7709	47.998/1.8897	1.475/0.0581	.051/.0020	21.10/0.831	F781	8	1185HX	4B1185HX Std.
44.996/1.7715	48.019/1.8905		.103/.0041				IH	

# MITSUBISHI PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
<b>Main - Race Series. For engines 1983-5/92 only.</b>									
5M1144H Std. .025 .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F780	4	1144H L
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F780	4	1147H U
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F780	2	1148H U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - Race Series. For engines 1983-5/92 only. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>									
5M1144HX Std.	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/0.0778	.045/.0018 .111/.0044	23.01/0.906	F780	4	1144HX L
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/0.0778	.045/.0018 .111/.0044	23.01/0.906	F780	4	1147HX U
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/0.0778	.045/.0018 .111/.0044	28.95/1.140	F780	2	1148HX U/L
<b>Main - Race Series. For engines 5/92-1997.</b>									
5M1186H Std. .025 .25	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .072/.0028	21.00/0.827	F780	8	1186H U/L
	3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .071/.0028	25.40/1.000	F780	2	1187H U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>Main - Race Series. For engines 5/92-1997. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>									
5M1186HX Std.	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/0.0778	.045/.0018 .096/.0038	21.00/0.827	F780	8	1186HX U/L
	3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/0.0778	.045/.0018 .096/.0038	25.40/1.000	F780	2	1187HX U/L
	<b>Main - Race Series. For engines 1997 on equipped with thrustwashers.</b>								
5M1219H Std. .025 .25	1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .071/.0028	21.00/0.827	F780	10	1186 U/L
	<b>Main - Race Series. For engines 1997 on equipped with thrustwashers. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
5M1219HX Std.	1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/0.0778	.045/.0018 .096/.0038	21.00/0.827	F780	10	1186HX U/L
	<b>Thrust</b>								
1T1219 Std.		63.100/2.4842 63.350/2.4941 (I.D.)	80.500/3.1693 80.750/3.1791 (O.D.)			2.11/0.083	F250	2	1219T IH
	<i>Note : Set includes two pieces. Required with 5M1219H/HX main set.</i>								
<b>Balance Shaft - For engines from 1983-7/85.</b>									
3BS8387 Std.	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388
<b>Balance Shaft - For engines from 8/85 on.</b>									
3BS8389 Std. .25 .50	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
	RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>									<b>3</b>	
<b>VIN</b>			<b>CYL</b>		<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
2351cc (2.4) SOHC/DOHC (4G64)			L4		85mm x 88mm					
2351cc (2.4) SOHC/DOHC (4G64)			L4		86.5mm x 100mm					
2351cc (2.4) (G64B)			L4		86.5mm x 100mm					
<b>Rod - Race Series. For engines 1983-5/92 only.</b>										
	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F781	8	1146H IH	<b>4B1146H</b> Std. .025 .25	
<b>Rod - Race Series. For engines 1983-5/92 only. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>										
	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.481/0.0583	.037/.0015 .092/.0036	23.50/0.925	F781	8	1146HX IH	<b>4B1146HX</b> Std.	
<b>Rod - Race Series. For engines 5/92 on.</b>										
	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.488/0.0586	.026/.0010 .078/.0031	21.10/0.831	F781	8	1185H IH	<b>4B1185H</b> Std. .025 .25	
<b>Rod - Race Series. For engines 5/92 on. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>										
	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/0.0581	.051/.0020 .103/.0041	21.10/0.831	F781	8	1185HX IH	<b>4B1185HX</b> Std.	
<b>Main - Race Series. For engines 1983-5/92 only.</b>										
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F780	4	1144H L	<b>5M1144H</b> Std. .025 .25	
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F780	4	1147H U		
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F780	2	1148H U/L		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Main - Race Series. For engines 1983-5/92 only. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>										
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/0.0778	.045/.0018 .111/.0044	23.01/0.906	F780	4	1144HX L	<b>5M1144HX</b> Std.	
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/0.0778	.045/.0018 .111/.0044	23.01/0.906	F780	4	1147HX U		
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/0.0778	.045/.0018 .111/.0044	28.95/1.140	F780	2	1148HX U/L		
<b>Main - Race Series. For engines 5/92-1997.</b>										
1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .072/.0028	21.00/0.827	F780	8	1186H U/L	<b>5M1186H</b> Std. .025 .25	
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .071/.0028	25.40/1.000	F780	2	1187H U/L		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Main - Race Series. For engines 5/92-1997. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>										
1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/0.0778	.045/.0018 .096/.0038	21.00/0.827	F780	8	1186HX U/L	<b>5M1186HX</b> Std.	
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/0.0778	.045/.0018 .096/.0038	25.40/1.000	F780	2	1187HX U/L		
<b>Main - Race Series. For engines 1997 on equipped with thrustwashers.</b>										
1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .071/.0028	21.00/0.827	F780	10	1186 U/L	<b>5M1219H</b> Std. .025 .25	
<b>Main - Race Series. For engines 1997 on equipped with thrustwashers. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>										
1-5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/0.0778	.045/.0018 .096/.0038	21.00/0.827	F780	10	1186HX U/L		
<b>Thrust</b>										
	63.100/2.4842 63.350/2.4941 (I.D.)	80.500/3.1693 80.750/3.1791 (O.D.)			2.11/0.083	F250	2	1219T IH	<b>1T1219</b> Std.	
<i>Note : Set includes two pieces. Required with 5M1219H/HX main set.</i>										

# MITSUBISHI PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 (Cont'd.)</b>									
<b>3BS8387</b> Std.	<b>Balance Shaft - For engines from 1983-7/85.</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388
<b>3BS8389</b> Std. .25 .50	<b>Balance Shaft - For engines from 8/85 on.</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
	RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

**NISSAN ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
987cc (1.0).....	MA10		L4	82-91	1	1998cc (2.0).....	L20E		L6	80-89	13
988cc (1.0).....	A10		L4	66-81	2	2164cc (2.2).....	SD22,Diesel		L4	63-80	11
1171cc (1.2).....	(A12)		L4	71-73	2	2164cc (2.2).....	(SD22),Diesel	S	L4	81-83	11
75 1229cc (1.2).....		E1	L4	63-65	3	2187cc (2.2).....	(Z22)	M	L4	81-83	10
75 1229cc (1.2).....	(E1)		L4	63-65	3	2187cc (2.2).....	(Z22E)	R	L4	82-83	10
1237cc (1.2).....	(A12)		L4	79-79	2	2289cc (2.3).....	SD23,Diesel		L4	81-88	11
1237cc (1.2).....	(A12)	C	L4	80-82	2	2389cc (2.4).....	DOHC (KA24DE)		L4	98-04	14
1270cc (1.3).....	E13		L4	81-89	4	2389cc (2.4).....	DOHC (KA24DE)	A	L4	95-98	14
1288cc (1.3).....	(A13)	H	L4	72-74	2	2389cc (2.4).....	DOHC (KA24DE)	B	L4	93-97	14
79 1299cc (1.3).....	(J13)		L4	65-69	3	2389cc (2.4).....	DOHC (KA24DE)	D	L4	98-98	14
85 1393cc (1.4).....	(A14)	H	L4	75-82	2	2389cc (2.4).....	DOHC (KA24DE)	M	L4	91-94	14
85 1393cc (1.4).....	(A14)	P	L4	76-78	2	2389cc (2.4).....	SOHC (KA24E)	F	L4	90-92	14
1483cc (1.5).....	J15		L4	71-79	3	2389cc (2.4).....	SOHC (KA24E)	H	L4	89-95	14
1488cc (1.5).....	G/G15		L4	60-65	5	2389cc (2.4).....	SOHC (KA24E)	S	L4	90-97	14
1488cc (1.5).....	(A15)	P	L4	80-82	2	2389cc (2.4).....	(Z24)	N	L4	83-89	10
1488cc (1.5).....	(E15)	M	L4	82-82	4	2389cc (2.4).....	(Z24I)	N	L4	86-89	10
1488cc (1.5).....	(E15S)	H	L4	82-82	4	2389cc (2.4).....	(Z24I)	S	L4	87-88	10
1488cc (1.5).....	(E15S)	M	L4	83-83	4	2393cc (2.4).....	(L24)		L6	70-73	13
1488cc (1.5).....	(E15T), Turbo		L4	83-84	4	2393cc (2.4).....	(L24E)	H	L6	77-84	13
1567cc (1.6).....	J16		L4	72-82	3	2488cc (2.5).....	(SD25),Diesel	J	L4	83-86	11
1595cc (1.6).....	(L16)		L4	68-73	7	152 2491cc (2.5)...	TD25,Diesel		L4	86-90	15
1595cc (1.6).....	(R16)		L4	66-70	5	2498cc (2.5).....	(RB25DET), Turbo		L6		16
1597cc (1.6).....	CA16DET, Turbo		L4	87-87	9	2565cc (2.6).....	(L26)	R	L6	74-75	17
1597cc (1.6).....	(CA16DE)		L4	87-87	9	2568cc (2.6).....	(RB26DETT), Turbo		L6		16
1597cc (1.6).....	(E16)	M	L4	84-86	4	162 2663cc (2.7)...	TD27,Diesel		L4	86-90	15
1597cc (1.6).....	(E16)	P	L4	83-85	4	2753cc (2.8).....	(L28E)	H	L6	75-83	17
1597cc (1.6).....	(E16I)	P	L4	87-88	4	2753cc (2.8).....	(L28ET), Turbo	C	L6	81-83	17
1597cc (1.6).....	(E16S)	P	L4	86-88	4	2793cc (2.8).....	(LD28),Diesel	S	L6	81-83	17
1597cc (1.6).....	(GA16DE)		L4	99-99	8	2960cc (3.0).....	DOHC (VE30DE)	E	V6	92-94	19
1597cc (1.6).....	(GA16DE)	A	L4	95-98	8	2960cc (3.0).....	SOHC (VG30)	H	V6	84-89	18
1597cc (1.6).....	(GA16DE)	E	L4	91-95	8	2960cc (3.0).....	DOHC (VG30DE)	R	V6	90-96	19
1597cc (1.6).....	(GA16DE)	P	L4	91-93	8	2960cc (3.0).....	DOHC (VG30DETT), Turbo	C	V6	90-96	19
1597cc (1.6).....	(GA16I)	G	L4	89-90	8	2960cc (3.0).....	SOHC (VG30E)	1	V6	97-98	18
1598cc (1.6).....	CA16		L4	81-88	9	2960cc (3.0).....	SOHC (VG30E)	H	V6	85-96	18
1688cc (1.7).....	(CD17),Diesel	S	L4	83-87	9	2960cc (3.0).....	SOHC (VG30E)	W	V6	93-96	18
1770cc (1.8).....	(L18)		L4	73-73	7	2960cc (3.0).....	SOHC (VG30I)	H	V6	87-89	18
1770cc (1.8).....	(L18)	H	L4	74-74	7	2960cc (3.0).....	SOHC (VG30T), Turbo	C	V6	84-89	18
1770cc (1.8).....	(L18)	P	L4	74-74	7	2962cc (3.0).....	(RB30)		L6	86-97	20
1809cc (1.8).....	DOHC (CA18DE)	C	L4	88-89	9	2962cc (3.0).....	(RB30ET), Turbo		L6	86-89	20
1809cc (1.8).....	SOHC (CA18ET), Turbo	C	L4	84-87	9	2988cc (3.0).....	DOHC (VQ30DE)		V6	99-01	21
1809cc (1.8).....	(QG18DE)		L4	00-05	8	2988cc (3.0).....	DOHC (VQ30DE)	C	V6	95-98	21
1883cc (1.9).....	H		L4	60-65	5	3246cc (3.3).....	SD33,Diesel		L6	66-90	22
1952cc (2.0).....	(L20B)	H	L4	74-80	10	3246cc (3.3).....	SD33T, Turbo,Diesel		L6	81-90	22
1952cc (2.0).....	(Z20)	F	L4	83-85	10	3275cc (3.3).....	SOHC (VG33E)		V6	99-04	18
1952cc (2.0).....	(Z20E)	P	L4	80-81	10	3275cc (3.3).....	SOHC (VG33E)	A	V6	96-98	18
1952cc (2.0).....	(Z20S)	H	L4	80-81	10	3275cc (3.3).....	SOHC (VG33ER),		V6	01-04	18
1974cc (2.0).....	(CA20E)	H	L4	84-89	9		Supercharged				
1974cc (2.0).....	(CA20E)	P	L4	84-88	9	3298cc (3.3).....	ED33,Diesel		L4	78-90	23
1974cc (2.0).....	(CA20S)	H	L4	82-83	9	3298cc (3.3).....	FD33,Diesel		L4	83-90	23
1982cc (2.0).....	H20		L4	67-92	5	3298cc (3.3).....	ED33T, Turbo,Diesel		L4	80-90	23
1982cc (2.0).....	H20-II		L4	93-on	6	3298cc (3.3).....	FD33T, Turbo,Diesel		L4	84-90	23
1982cc (2.0).....	(U20)		L4	68-70	5	3465cc (3.5).....	FD35,Diesel		L4	87-91	23
1991cc (2.0).....	SD20,Diesel		L4	63-83	11	3465cc (3.5).....	FD35T, Turbo,Diesel	S	L4	87-91	23
1998cc (2.0).....	DOHC (SR20DE)		L4	98-01	12	3498cc (3.5).....	DOHC (VQ35DE)		V6	01-06	24
1998cc (2.0).....	DOHC (SR20DE)	B	L4	95-98	12	3956cc (4.0).....	P/PF		L6	60-78	25
1998cc (2.0).....	DOHC (SR20DE)	G	L4	91-94	12	3956cc (4.0).....	P40/PF		L6	79-90	25
1998cc (2.0).....	L20		L6	66-79	13	4165cc (4.2).....	TD42,Diesel		L6	87-97	26
						4165cc (4.2).....	TD42T, Turbo,Diesel	R	L6	90-95	26

**NISSAN MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
		1597	1.6	CA16DET	87	210 - DELUXE	85	1393	1.4		80
1200		1171	1.2		71-73			1488	1.5		80-82
1600		1595	1.6		66-70	240SX		2389	2.4	DOHC	91-98
2000		1982	2.0		68-70			2389	2.4	SOHC	89-90
200SX		1597	1.6		95-98	240SX - LE		2389	2.4	DOHC	91-97
		1809	1.8	SOHC	84-87	240SX - SE		2389	2.4	DOHC	91-97
		1952	2.0		77-81			2389	2.4	SOHC	89-90
		1974	2.0		84-88	240Z		2393	2.4		70-73
		1998	2.0	DOHC	95-98	260Z		2565	2.6		74-75
		2187	2.2		82-83	260Z - 2+2		2565	2.6		74-75
		2960	3.0	SOHC	87-88	280Z		2753	2.8		75-78
200SX - SE		1597	1.6		95-98	280Z - 2+2		2753	2.8		75-78
		1998	2.0	DOHC	95	280ZX		2753	2.8		79-83
200SX - SE-R		1998	2.0	DOHC	96-98	280ZX - 2+2		2753	2.8		79-83
210		1237	1.2		79-82	280ZX - 2+2 GL		2753	2.8		81
	85	1393	1.4		79-82	300ZX		2960	3.0	DOHC	90-96

**NISSAN MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
300ZX		2960	3.0	SOHC	84-89	MAXIMA - SL		3498	3.5	DOHC	05-06
300ZX - 2+2		2960	3.0	DOHC	90-96	MURANO		3498	3.5	DOHC	03-04
		2960	3.0	SOHC	84-89	MURANO - S		3498	3.5	DOHC	05-06
310	85	1393	1.4		79-80	MURANO - SE		3498	3.5	DOHC	05-06
		1488	1.5		81	MURANO - SL		3498	3.5	DOHC	05-06
310 - DELUXE		1488	1.5		82	NX		1597	1.6		91-93
310 - GX	85	1393	1.4		80			1998	2.0	DOHC	91-93
		1488	1.5		81-82	PATHFINDER		2389	2.4		87-89
350Z		3498	3.5	DOHC	03-06			2960	3.0	SOHC	87-92
350Z - ENTHUSIAST		3498	3.5	DOHC	06			3275	3.3	SOHC	98-00
350Z - GRAND								3498	3.5	DOHC	01-04
TOURING		3498	3.5	DOHC	06	PATHFINDER - LE		2960	3.0	SOHC	94-95
350Z - TOURING		3498	3.5	DOHC	06			3275	3.3	SOHC	96-97
350Z - TRACK		3498	3.5	DOHC	06	PATHFINDER - SE		2960	3.0	SOHC	90-95
410	75	1229	1.2		63-65			3275	3.3	SOHC	96-97
411	75	1229	1.2		63-65	PATHFINDER - XE		2960	3.0	SOHC	90-95
		1595	1.6		67			3275	3.3	SOHC	96-97
510		1595	1.6		68-73	PICKUP		2389	2.4	SOHC	94-97
		1952	2.0		78-81			2960	3.0	SOHC	94
520 PICKUP	79	1299	1.3		65-68	PICKUP - KING CAB					
521 PICKUP	79	1299	1.3		69	XE-V6		2960	3.0	SOHC	96
		1595	1.6		70-72	PICKUP - SE		2389	2.4	SOHC	96-97
610		1770	1.8		73			2960	3.0	SOHC	94-95
		1952	2.0		74-76	PICKUP - SHORT BED					
620 PICKUP		1595	1.6		72-73	E		2389	2.4	SOHC	95
		1770	1.8		74	PICKUP - SHORT BED					
		1952	2.0		75-79	XE		2389	2.4	SOHC	95-97
710		1770	1.8		74	PICKUP - XE		2389	2.4	SOHC	94-97
		1952	2.0		75-77			2960	3.0	SOHC	94-95
720 PICKUP		1952	2.0		80-85	PULSAR		1597	1.6		83
		2164	2.2		81-83	PULSAR NX		1488	1.5		84
		2187	2.2		81-83			1597	1.6		83-90
		2389	2.4		83-86	PULSAR NX - SE		1597	1.6		87
		2488	2.5		83-86			1809	1.8	DOHC	88-89
810		2393	2.4		77-81	PULSAR NX - TURBO		1488	1.5		83
		2793	2.8		81	PULSAR NX - XE		1597	1.6		87-90
ALTIMA		2389	2.4	DOHC	93-01	QUEST		3275	3.3	SOHC	99-02
		3498	3.5	DOHC	02-05			3498	3.5	DOHC	04-06
ALTIMA - GLE		2389	2.4	DOHC	93-97	QUEST - GXE		2960	3.0	SOHC	93-98
ALTIMA - GXE		2389	2.4	DOHC	93-97	QUEST - S		3498	3.5	DOHC	05-06
ALTIMA - SE		2389	2.4	DOHC	93-97	QUEST - SE		3498	3.5	DOHC	05-06
		3498	3.5	DOHC	06	QUEST - SL		3498	3.5	DOHC	05-06
ALTIMA - SE-R		3498	3.5	DOHC	06	QUEST - XE		2960	3.0	SOHC	93-98
ALTIMA - SL		3498	3.5	DOHC	06	SENTRA		1488	1.5		82-83
ALTIMA - XE		2389	2.4	DOHC	93-97			1597	1.6		83-99
AXXESS		2389	2.4	SOHC	90-95			1688	1.7		83-87
AXXESS - 4X4		2389	2.4	SOHC	91-94			1809	1.8		00-05
B210		1288	1.3		74			1998	2.0	DOHC	91-01
	85	1393	1.4		75-78	SENTRA - 4X4		1597	1.6		90
D21 PICKUP		2389	2.4		86-89	SENTRA - CA		1809	1.8		02
		2389	2.4	SOHC	90-93	SENTRA - CLASSIC		1597	1.6		91-93
		2960	3.0	SOHC	86-93	SENTRA - E		1597	1.6		93-96
D21 PICKUP - SE		2960	3.0	SOHC	91-93	SENTRA - GLE		1597	1.6		95-97
F10	85	1393	1.4		76-78	SENTRA - GXE		1597	1.6		93-97
FRONTIER		2389	2.4	DOHC	98-04			1809	1.8		02-03
		3275	3.3	SOHC	99-04	SENTRA - LE		1597	1.6		94
FRONTIER - OPEN						SENTRA - S		1809	1.8		05
SKY		3275	3.3	SOHC	04	SENTRA - SE		1597	1.6		93-94
MAXIMA		2393	2.4		82-84			1998	2.0	DOHC	93-94
		2793	2.8		82-83	SENTRA - SE-R		1998	2.0	DOHC	91-94
		2960	3.0	SOHC	85-91	SENTRA - XE		1597	1.6		93-97
		2988	3.0	DOHC	99-01			1809	1.8		02-03
		3498	3.5	DOHC	02-04	STANZA		1974	2.0		82-89
MAXIMA - GLE		2988	3.0	DOHC	95-98			2389	2.4	SOHC	90-92
MAXIMA - GXE		2960	3.0	SOHC	92-94	STANZA - GL		1974	2.0		84-85
		2988	3.0	DOHC	95-98	STANZA - XE		1974	2.0		84-85
MAXIMA - SE		2960	3.0	DOHC	92-94	VAN		2389	2.4		87-88
		2988	3.0	DOHC	95-98	XTERRA		2389	2.4	DOHC	00-04
		3498	3.5	DOHC	05-06			3275	3.3	SOHC	00-04

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						1
<b>987cc (1.0) MA10</b>		<b>L4</b>	<b>68mm x 68mm</b>							
<b>Rod</b>	39.961/1.5733 39.974/1.5738	43.000/1.6929 43.013/1.6934	1.500/0.0591	.026/.0010 .078/.0031	15.13/0.596	F780	8	2770 IH	<b>4B2770</b> Std. .25 .50	
<b>Main</b>										
1-5	44.958/1.7700 44.971/1.7705	49.000/1.9291 49.016/1.9298	2.004/0.0789	.021/.0008 .076/.0030	17.10/0.673	F780	10	2769 U/L	<b>5M2769</b> Std. .25 .50	
<b>Thrust</b>										
	51.250/2.0177 51.500/2.0276	59.750/2.3524 60.000/2.3622			1.97/0.078	F817	2	2769T IH	<b>1T2769</b> Std.	

Note: Set includes two pieces, use on No. position. Required with 5M2769 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						2
<b>988cc (1.0) A10</b>		<b>L4</b>	<b>73mm x 59mm</b>	<b>Connecting Rod 24-26 ft.lbs/32-35 Nm</b>						
<b>1171cc (1.2) (A12)</b>		<b>L4</b>	<b>73mm x 70mm</b>	<b>Main Bearing 36 ft.lbs/49 Nm</b>						
<b>1237cc (1.2) (A12)</b>		<b>L4</b>	<b>75mm x 70mm</b>							
<b>1237cc (1.2) (A12)</b>		<b>C L4</b>	<b>75mm x 70mm</b>							
<b>1288cc (1.3) (A13)</b>		<b>H L4</b>	<b>73mm x 79mm</b>							
<b>85 1393cc (1.4) (A14)</b>		<b>H L4</b>	<b>76mm x 77mm</b>							
<b>85 1393cc (1.4) (A14)</b>		<b>P L4</b>	<b>76mm x 77mm</b>							
<b>1488cc (1.5) (A15)</b>		<b>P L4</b>	<b>76mm x 82mm</b>							
<b>Rod</b>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.011/1.8902	1.504/0.0592	.018/.0007 .068/.0027	19.55/0.770	F780	8	2956 IH	<b>4B2956</b> Std. .25 .50 .75 1.0	
<b>Main - for all A12,A13,A14,A15 engines only.</b>										
1,5	49.951/1.9666 49.964/1.9671	53.657/2.1125 53.670/2.1130	1.831/0.0721	.031/.0012 .081/.0032	22.12/0.871	F780	4	2967 U/L	<b>5M2967</b> Std. .25 .50 .75 1.0	
2,4	49.951/1.9666 49.964/1.9671	53.657/2.1125 53.670/2.1130	1.831/0.0721	.031/.0012 .081/.0032	18.00/0.709	F780	4	2969 IH		
3 (FI)	49.951/1.9666 49.964/1.9671	53.657/2.1125 53.670/2.1130	1.831/0.0721	.031/.0012 .081/.0032	26.95/1.061	F780	2	2968 U/L		
<b>Overflange length remains constant for standard and undersizes.</b>										
<b>Cam</b>										
1	43.793/1.7241 43.806/1.7246	47.010/1.8508 47.031/1.8516	1.575/0.0620	.030/.0012 .089/.0035	23.50/0.925	F23	1	4146	<b>5C4146</b> Std.	
2	43.283/1.7041 43.296/1.7046	46.500/1.8307 46.520/1.8315	1.575/0.0620	.030/.0012 .089/.0035	14.00/0.551	F23	1	4147		
3	42.783/1.6844 42.796/1.6849	46.000/1.8110 46.020/1.8118	1.575/0.0620	.030/.0012 .089/.0035	14.00/0.551	F23	1	4148		
4	42.283/1.6647 42.296/1.6652	45.499/1.7913 45.519/1.7921	1.575/0.0620	.030/.0012 .089/.0035	14.00/0.551	F23	1	4149		
5	41.218/1.6228 41.231/1.6233	44.435/1.7494 44.455/1.7502	1.575/0.0620	.030/.0012 .089/.0035	14.00/0.551	F23	1	4140		

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						3
<b>75 1229cc (1.2)</b>		<b>E1 L4</b>	<b>73mm x 71mm</b>	<b>Connecting Rod 22-25 ft.lbs/30-34 Nm</b>						
<b>75 1229cc (1.2) (E1)</b>		<b>L4</b>	<b>73mm x 71mm</b>	<b>Main Bearing 72-79 ft.lbs/98-107 Nm</b>						
<b>79 1299cc (1.3) (J13)</b>		<b>L4</b>	<b>73mm x 77.6mm</b>							
<b>1483cc (1.5) J15</b>		<b>L4</b>	<b>78mm x 77.6mm</b>							
<b>1567cc (1.6) J16</b>		<b>L4</b>	<b>78mm x 82mm</b>							
<b>Rod</b>	47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/0.0718	.023/.0009 .076/.0030	22.09/0.870	F780	8	2636 IH	<b>4B2636</b> Std. 10 20 30 40 50 60	
<b>Main - for E1,J engines only.</b>										
1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.836/0.0723	.010/.0004 .051/.0020	31.11/1.225	F820	6	2215AL IH	<b>3M2215</b> Std. 10 20 30 40	
<b>Main - for J13/J15/J16 engines only.</b>										
1,2,3	50.813/2.0005 50.825/2.0010	54.511/2.1461 54.546/2.1475	1.836/0.0723	.014/.0006 .087/.0034	27.94/1.100	F820	6	2637 IH	<b>3M2637</b> Std. 10 20 30 40 50 60	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 3 (Cont'd.)

Thrust									
2T4302 Std.		56.261/2.2150	69.596/2.7400			2.36/0.093	F1	4	4302T U/L
		56.515/2.2250	69.850/2.7500						
<i>Note: Set includes four pieces, use on No. 1 position. Required with 3M2215/3M2637 main sets.</i>									
Cam									
3C4018 Std.	1	45.433/1.7887	48.641/1.9150	1.585/0.0624	.025/.0010	37.57/1.479	F23	1	4306
		45.445/1.7892	48.666/1.9160		.079/.0031				
	2	43.909/1.7287	47.117/1.8550	1.590/0.0626	.025/.0010	22.48/0.885	F23	1	4017
		43.922/1.7292	47.142/1.8560		.079/.0031				
	3	41.219/1.6228	44.425/1.7490	1.585/0.0624	.023/.0009	20.89/0.822	F23	1	4018
		41.232/1.6233	44.450/1.7500		.079/.0031				

### 4 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1270cc (1.3) E13		L4	76mm x 70mm	Connecting Rod 23-27 ft.lbs/31-37 Nm Main Bearing 36-43 ft.lbs/49-58 Nm					
1488cc (1.5) (E15)	M	L4	76mm x 82mm						
1488cc (1.5) (E15S)	H	L4	76mm x 82mm						
1488cc (1.5) (E15S)	M	L4	76mm x 82mm						
1488cc (1.5) (E15T) Turbo		L4	76mm x 82mm						
1597cc (1.6) (E16)	M	L4	76mm x 88mm						
1597cc (1.6) (E16)	P	L4	76mm x 88mm						
1597cc (1.6) (E16I)	P	L4	76mm x 88mm						
1597cc (1.6) (E16S)	P	L4	76mm x 88mm						

Rod									
4B1620 Std. .25 .50 .75 1.0		39.954/1.5730	43.000/1.6929	1.503/0.0592	.020/.0008	17.10/0.673	F780	8	1620 IH
		39.974/1.5738	43.013/1.6934		.079/.0031				
Main									
5M1623 Std. .25 .50 .75	1,5	49.938/1.9661	53.643/2.1119	1.827/0.0719	.025/.0010	22.10/0.870	F780	4	1623 IH
		49.964/1.9671	53.667/2.1129		.101/.0040				
	2,4	49.938/1.9661	53.643/2.1119	1.827/0.0719	.025/.0010	18.10/0.713	F780	4	1625 IH
		49.964/1.9671	53.667/2.1129		.101/.0040				
	3(FI)	49.938/1.9661	53.643/2.1119	1.827/0.0719	.025/.0010	26.95/1.061	F780	2	1624 IH
		49.964/1.9671	53.667/2.1129		.101/.0040				
<i>Overflange length remains constant for standard and undersizes.</i>									

### 5 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1488cc (1.5) G/G15		L4	80mm x 74mm	Connecting Rod 35-44 ft.lbs/47-60 Nm Main Bearing 72-79 ft.lbs/98-107 Nm					
1595cc (1.6) (R16)		L4	87.2mm x 66.8mm						
1883cc (1.9) H		L4	85mm x 83mm						
1982cc (2.0) H20		L4	87.2mm x 83mm						
1982cc (2.0) (U20)		L4	87.2mm x 83mm						

Rod									
4B2751 Std. .25 .50 .75 1.0		51.969/2.0460	55.000/2.1654	1.501/0.0591	.025/.0010	24.13/0.950	F780	8	2751 IH
		51.973/2.0462	55.013/2.1659		.076/.0030				
Main - Alt set to 5M2757 with overflange length increase for undersizes. * See below for dimensional information.									
5M2749 .25 .50 .75 1.0	1,5	62.942/2.4780	66.645/2.6238	1.959/0.0771	.022/.0009	27.99/1.102	F780	4	2757 IH
		62.955/2.4785	66.658/2.6243	(@ 0.25 mm u/s)	.074/.0029				
	2,4	62.942/2.4780	66.645/2.6238	1.959/0.0771	.022/.0009	22.00/0.866	F780	4	2758 IH
		62.955/2.4785	66.658/2.6243	(@ 0.25 mm u/s)	.074/.0029				
	3 (FI)	62.942/2.4780	66.645/2.6238	1.959/0.0771	.022/.0009	(See table below)	F780	2	2749 IH
		62.955/2.4785	66.658/2.6243	(@ 0.25 mm u/s)	.074/.0029				
* DIMENSIONAL INFORMATION FOR 5M2749									
				Overall Width (Nominal)	Increase in Width				
		0.25 mm u/size		34.10 mm	+0.15 mm				
		0.50 mm u/size		34.10 mm	+0.15 mm				
		0.75 mm u/size		34.20 mm	+0.25 mm				
		1.00 mm u/size		34.20 mm	+0.25 mm				



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 5**
**Main - for all engines excluding G/G15.**

1,5	62.942/2.4780	66.645/2.6238	1.834/0.0722	.022/.0009	27.99/1.102	F780	4	2757 IH	<b>5M2757</b> Std. .25 .50 .75 1.0
	62.955/2.4785	66.658/2.6243		.074/.0029					
2,4	62.942/2.4780	66.645/2.6238	1.834/0.0722	.022/.0009	22.00/0.866	F780	4	2758 IH	
	62.955/2.4785	66.658/2.6243		.074/.0029					
3(FI)	62.942/2.4780	66.645/2.6238	1.834/0.0722	.022/.0009	33.95/1.337	F780	2	2759 IH	
	62.955/2.4785	66.658/2.6243		.074/.0029					

*Overflange length remains constant for standard and undersizes.*
**Cam - for all engines except U20.**

1	45.434/1.7887	48.641/1.9150	1.588/0.0625	.018/.0007	24.13/0.950	F23	1	4036	<b>3C4036</b> Std.
	45.447/1.7892	48.666/1.9160		.108/.0043					
2	43.897/1.7282	47.117/1.8550	1.588/0.0625	.031/.0012	22.10/0.870	F23	1	4037	
	43.910/1.7287	47.142/1.8560		.121/.0048					
3	41.218/1.6228	44.425/1.7490	1.588/0.0625	.018/.0007	24.13/0.950	F23	1	4038	
	41.231/1.6233	44.450/1.7500		.108/.0043					

**Small End - not bored, single pieces.**

	21.987/0.8656	24.000/0.9449			28.70/1.130	F100	1	RB4028	<b>RB4028</b> Semi
	22.000/0.8661	24.021/0.9457							

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	6
1982cc (2.0) H20-II		L4	87.2mm x 83mm	Connecting Rod 23-27 ft.lbs Main Bearing 61-69 ft.lbs	

<b>Rod</b>	44.961/1.7701	48.000/1.8898	1.508/0.0594	.010/.0004	18.60/0.732	F780	8	1630 IH	<b>4B1630</b> Std. .25 .50 .75 1.0
	44.974/1.7706	48.013/1.8903		.062/.0024					
<b>Main</b>	62.942/2.4780	66.645/2.6238	1.834/0.0722	.022/.0009	22.00/0.866	F780	8	2758 IH	
1,2,4,5	62.955/2.4785	66.658/2.6243		.074/.0029					
3 (FI)	62.942/2.4780	66.645/2.6238	1.834/0.0722	.022/.0009	33.95/1.337	F780	2	2759 IH	
		62.955/2.4785		66.658/2.6243					

*Overflange length remains constant for standard and undersizes.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	7
1595cc (1.6) (L16)		L4	83mm x 74mm	Connecting Rod 25 ft.lbs/34 Nm (L16 engines)	
1770cc (1.8) (L18)		L4	85mm x 78mm	Connecting Rod 37 ft.lbs/50 Nm (L18 engines)	
1770cc (1.8) (L18)	H	L4	85mm x 78mm	Main Bearing 37 ft.lbs/50 Nm	
1770cc (1.8) (L18)	P	L4	85mm x 78mm		

<b>Rod</b>	49.962/1.9670	53.005/2.0868	1.506/0.0593	.018/.0007	22.10/0.870	F780	8	1171 IH	<b>4B1171</b> Std. .25 .50 .75 1.0
	49.975/1.9675	53.013/2.0871		.066/.0026					
<b>Main</b>	54.942/2.1631	58.645/2.3089	1.835/0.0722	.020/.0008	26.10/1.028	F780	4	1172 U/L	
1,5	54.955/2.1636	58.658/2.3094		.071/.0028					
2,4	54.942/2.1631	58.645/2.3089	1.835/0.0722	.020/.0008	24.10/0.949	F780	4	1174 U/L	
		54.955/2.1636		58.658/2.3094					
3 (FI)	54.942/2.1631	58.645/2.3089	1.835/0.0722	.020/.0008	31.95/1.258	F780	2	1173 U/L	
		54.955/2.1636		58.658/2.3094					

*Overflange length remains constant for standard and undersizes.*

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>8 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
1597cc (1.6) (GA16DE)			L4	76mm x 88mm		Connecting Rod 10-12 ft.lbs + 35-40 deg (QG18 engines)			
1597cc (1.6) (GA16DE)		A	L4	76mm x 88mm		Connecting Rod 23-27 ft.lbs (GA16 engines)			
1597cc (1.6) (GA16DE)		E	L4	76mm x 88mm		Main Bearing 35-38 ft.lbs/47-52 Nm			
1597cc (1.6) (GA16DE)		P	L4	76mm x 88mm					
1597cc (1.6) (GA16I)		G	L4	76mm x 88mm					
1809cc (1.8) (QG18DE)			L4	80mm x 88mm					
<b>Rod</b>									
4B1620 Std. .25 .50 .75 1.0		39.954/1.5730	43.000/1.6929	1.503/0.0592	.020/.0008	17.10/0.673	F780	8	1620
		39.974/1.5738	43.013/1.6934		.079/.0031				IH
<b>Rod - to be superceded by 4B1620 when stock exhausted.</b>									
4B2950 Std. .25 .50 .75 1.0		39.956/1.5731	43.000/1.6929	1.505/0.0593	.016/.0006	17.10/0.673	F780	8	2950
		39.974/1.5738	43.013/1.6934		.073/.0029				IH
<b>Main - Suits GA16 and QG18 engines - High Strength Aluminum Silicon material.</b>									
5M2949A Std. .25 .50 .75 1.0	1-5	49.940/1.9661	53.644/2.1120	1.830/0.0720	.019/.0007	16.10/0.634	F810	10	2949A
		49.964/1.9671	53.668/2.1129		.080/.0031				U/L
<b>Main - Suits GA16 engines - to be superceded by 5M2949A when stock exhausted.</b>									
5M2952 Std. .25 .50 .75	1-5	49.940/1.9661	53.644/2.1120	1.830/0.0720	.020/.0008	17.10/0.673	F780	10	2952
		49.964/1.9671	53.668/2.1129		.094/.0037				U/L
<b>Thrust</b>									
1T2952 Std.		56.000/2.2047	70.750/2.7854	1.970/0.0776			F817	2	2952T
		56.250/2.2146	71.000/2.7953						U/L
<i>Note: Set includes two pieces. Required with 5M2949A main set. (Supercedes 2T2952)</i>									
<b>Small End - not bored, single pieces.</b>									
RB4107 Semi		19.000/0.7480	22.000/0.8661			21.80/0.858	F100	1	RB4107
		19.000/0.7480	22.000/0.8661						
<b>9 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
1597cc (1.6) CA16DET Turbo			L4	78mm x 83.6mm		Connecting Rod 23-27 ft.lbs/31-37 Nm			
1597cc (1.6) (CA16DE)			L4	78mm x 83.6mm		Main Bearing 33-40 ft.lbs/44-54 Nm			
1598cc (1.6) CA16			L4	78mm x 83.6mm					
1688cc (1.7) (CD17) Diesel		S	L4	80mm x 83.6mm					
1809cc (1.8) DOHC (CA18DE)		C	L4	83mm x 83.6mm					
1809cc (1.8) SOHC (CA18ET)									
Turbo		C	L4	83mm x 83.6mm					
1974cc (2.0) (CA20E)		H	L4	84.5mm x 88mm					
1974cc (2.0) (CA20E)		P	L4	84.5mm x 88mm					
1974cc (2.0) (CA20S)		H	L4	84.5mm x 88mm					
<b>Rod</b>									
4B1630 Std. .25 .50 .75 1.0		44.961/1.7701	48.000/1.8898	1.508/0.0594	.010/.0004	18.60/0.732	F780	8	1630
		44.974/1.7706	48.013/1.8903		.062/.0024				IH
<b>Main - supercedes 5M1634.</b>									
5M1633 Std. .25 .50 .75	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/0.0720	.030/.0012	20.00/0.787	F780	8	1633
		52.964/2.0852	56.667/2.2310		.082/.0032				U/L
3 (FI)		52.951/2.0847	56.654/2.2305	1.835/0.0722	.025/.0010	27.95/1.100	F780	2	1635
		52.964/2.0852	56.667/2.2310		.077/.0030				U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>10 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
1952cc (2.0) (L20B)		H	L4	85mm x 86mm		Connecting Rod 37 ft.lbs/50 Nm			
1952cc (2.0) (Z20)		F	L4	85mm x 86mm		Main Bearing 37 ft.lbs/50 Nm			
1952cc (2.0) (Z20E)		P	L4	85mm x 86mm					
1952cc (2.0) (Z20S)		H	L4	85mm x 86mm					
2187cc (2.2) (Z22)		M	L4	87mm x 92mm					
2187cc (2.2) (Z22E)		R	L4	87mm x 92mm					
2389cc (2.4) (Z24)		N	L4	89mm x 96mm					
2389cc (2.4) (Z24I)		N	L4	89mm x 96mm					
2389cc (2.4) (Z24I)		S	L4	89mm x 96mm					
<b>Rod</b>									
4B1171 Std. .25 .50 .75 1.0		49.962/1.9670	53.005/2.0868	1.506/0.0593	.018/.0007	22.10/0.870	F780	8	1171
		49.975/1.9675	53.013/2.0871		.066/.0026				IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 10</b>									
<b>Main</b>									
1	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/0.0722	.020/.0008 .071/.0028	26.10/1.028	F780	2	1176 U/L	<b>5M1176</b> Std. .25 .50 .75 1.0
2,4	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/0.0722	.019/.0007 .066/.0026	24.10/0.949	F780	4	1177 U/L	
3(FI)	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/0.0722	.019/.0007 .066/.0026	31.95/1.258	F780	2	1178 IH	
5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/0.0722	.020/.0008 .071/.0028	26.10/1.028	F780	1	1179 U	
5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/0.0722	.020/.0008 .071/.0028	26.10/1.028	F780	1	1176 L	
<i>Overflange length remains constant for standard and undersizes.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>1991cc (2.0) SD20 Diesel</b>		<b>L4</b>	<b>83mm x 92mm</b>	<b>Connecting Rod 36-40 ft.lbs/49-54 Nm</b>
<b>2164cc (2.2) SD22 Diesel</b>		<b>L4</b>	<b>83mm x 100mm</b>	<b>Main Bearing 108-116 ft.lbs/146-157 Nm (5 Main)</b>
<b>2164cc (2.2) (SD22) Diesel</b>	<b>S</b>	<b>L4</b>	<b>83mm x 100mm</b>	<b>Main Bearing 123-127 ft.lbs/167-172 Nm (3 Main)</b>
<b>2289cc (2.3) SD23 Diesel</b>		<b>L4</b>	<b>89mm x 92mm</b>	
<b>2488cc (2.5) (SD25) Diesel</b>	<b>J</b>	<b>L4</b>	<b>89mm x 100mm</b>	

<b>Rod</b>									
	52.913/2.0832 52.926/2.0837	55.987/2.2042 56.000/2.2047	1.506/0.0593	.049/.0019 .101/.0040	26.04/1.025	F780	8	1366 IH	<b>4B1366</b> Std. .25 .50 .75 1.0
<b>Main - for SD20 (to 5/79), SD22 (to 7/80) engines with 3 main crankshaft.</b>									
1,2,3	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.015/0.0793	.031/.0012 .089/.0035	31.87/1.255	F780	6	1367 U/L	<b>3M1367</b> Std. .25 .50 .75 1.0
<b>Main - for SD20 (6/79 on), SD22 (8/80 on), SD23 (8/80 on), SD25 (12/81 on) engines with 5 main crankshaft.</b>									
1-5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.015/0.0793	.031/.0012 .089/.0035	26.00/1.024	F780	10	1369 IH	<b>5M1369</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
4	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900			2.36/0.093	F250	4	1367T U/L	<b>2T1367</b> Std.

Note: Set includes four pieces, use on No.2 position. Required with 3M1367/5M1369 main set.

<b>Cam</b>									
1	45.434/1.7887 45.447/1.7892	48.641/1.9150 48.666/1.9160	1.588/0.0625	.018/.0007 .108/.0043	24.13/0.950	F23	1	4036	<b>3C4036</b> Std.
2	43.897/1.7282 43.910/1.7287	47.117/1.8550 47.142/1.8560	1.588/0.0625	.031/.0012 .121/.0048	22.10/0.870	F23	1	4037	
3	41.218/1.6228 41.231/1.6233	44.425/1.7490 44.450/1.7500	1.588/0.0625	.018/.0007 .108/.0043	24.13/0.950	F23	1	4038	
<b>Small End - not bored, single pieces. For SD20 (81-83), SD22 (81-83), SD23 (81-88) and SD25 (81-88) only.</b>									
	26.000/1.0236 (Nominal)	29.000/1.1417 (Nominal)			32.00/1.260	F100	1	RB4081	<b>RB4081</b> Semi
<b>Small End - not bored, single pieces. For SD20 &amp; SD22 engines 1963-80 only.</b>									
	26.000/1.0236 (Nominal)	29.000/1.1417 29.025/1.1427			30.10/1.185	F100	1	RB4096	<b>RB4096</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>1998cc (2.0) DOHC (SR20DE)</b>		<b>L4</b>	<b>86mm x 86mm</b>	<b>Connecting Rod 14-16 ft.lbs/19-22 Nm Step 1</b>
<b>1998cc (2.0) DOHC (SR20DE)</b>	<b>B</b>	<b>L4</b>	<b>86mm x 86mm</b>	<b>Connecting Rod 30-34 ft.lbs/41-46 Nm Step 2</b>
<b>1998cc (2.0) DOHC (SR20DE)</b>	<b>G</b>	<b>L4</b>	<b>86mm x 86mm</b>	<b>Main Bearing 54-61 ft.lbs/73-82 Nm</b>

<b>Rod</b>									
	47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/0.0592	.020/.0008 .076/.0030	17.10/0.673	F780	8	2960 IH	<b>4B2960</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-5	54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.980/0.0780	.004/.0002 .078/.0031	19.10/0.752	F780	10	2964 U/L	<b>5M2964</b> Std. .25 .50 .75
<b>N</b>									

# NISSAN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>12 (Cont'd.)</b>									
1T2964 Std.	3	61.500/2.4213	83.050/3.2697			1.95/0.077	F250	2	2964T
		61.750/2.4311	83.300/3.2795						IH
<i>Note: Set includes two pieces, use on No.3 position. Required with 5M2964 main set.</i>									
<b>13 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
1998cc (2.0) L20			L6	78mm x 69.7mm	Connecting Rod 37 ft.lbs/50 Nm				
1998cc (2.0) L20E			L6	78mm x 69.7mm	Main Bearing 37 ft.lbs/50 Nm				
2393cc (2.4) (L24)			L6	83mm x 73.7mm					
2393cc (2.4) (L24E)		H	L6	83mm x 73.7mm					
<b>6B1171</b>									
Std. .25 .50 .75 1.0	Rod - 0.870"/22.1mm wide bearing for L20 to 1966-79 and L24/L24E to 6/82 only.								
		49.962/1.9670	53.005/2.0868	1.506/0.0593	.018/.0007	22.10/0.870	F780	12	1171
	49.975/1.9675	53.013/2.0871		.066/.0026				IH	
<b>6B1630</b>									
Std. .25 .50 .75 1.0	Rod - 0.732"/18.6mm wide bearing for L20E from 1980-89 & L24E from 7/82 on.								
		44.961/1.7701	48.000/1.8898	1.508/0.0594	.010/.0004	18.60/0.073	F780	12	1630
	44.974/1.7706	48.013/1.8903		.062/.0024				IH	
<b>7M1172</b>									
Std. .25 .50 .75 1.0	Main								
	1,7	54.942/2.1631	58.645/2.3089	1.835/0.0722	.020/.0008	26.10/1.028	F780	4	1172
		54.955/2.1636	58.658/2.3094		.071/.0028				U/L
	2,3,5,6	54.942/2.1631	58.645/2.3089	1.835/0.0722	.020/.0008	24.10/0.949	F780	8	1174
		54.955/2.1636	58.658/2.3094		.071/.0028				U/L
	4(FI)	54.942/2.1631	58.645/2.3089	1.835/0.0722	.020/.0008	31.95/1.258	F780	2	1173
	54.955/2.1636	58.658/2.3094		.071/.0028				U/L	
<i>Overflange length remains constant for undersizes.</i>									
<b>14 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
2389cc (2.4) DOHC (KA24DE)			L4	89mm x 96mm	Connecting Rod 14-16 ft.lbs/19-22 Nm Step 1				
2389cc (2.4) DOHC (KA24DE)		A	L4	89mm x 96mm	Connecting Rod 28-32 ft.lbs/38-44 Nm Step 2				
2389cc (2.4) DOHC (KA24DE)		B	L4	89mm x 96mm	Main Bearing 33-38 ft.lbs/45-52 Nm				
2389cc (2.4) DOHC (KA24DE)		D	L4	89mm x 96mm					
2389cc (2.4) DOHC (KA24DE)		M	L4	89mm x 96mm					
2389cc (2.4) SOHC (KA24E)		F	L4	89mm x 96mm					
2389cc (2.4) SOHC (KA24E)		H	L4	89mm x 96mm					
2389cc (2.4) SOHC (KA24E)		S	L4	89mm x 96mm					
<b>4B2746</b>									
Std. .25 .50 .75 1.0	Rod								
		49.961/1.9670	53.000/2.0866	1.508/0.0594	.010/.0004	20.00/0.787	F780	8	2746
	49.974/1.9675	53.013/2.0871		.061/.0024				IH	
<b>5M2747</b>									
Std. .25 .50 .75 1.0	Main								
	1,2,4,5	59.962/2.3607	63.659/2.5062	1.835/0.0722	.014/.0005	19.00/0.748	F780	8	2747
		59.975/2.3612	63.672/2.5068		.066/.0026				U/L
	3(FI)	59.962/2.3607	63.659/2.5062	1.835/0.0722	.014/.0005	26.95/1.061	F780	2	2748
		59.975/2.3612	63.672/2.5068		.066/.0026			U/L	
<b>RB4105</b>									
Semi			24.000/0.9449 (Nominal)			24.80/0.976	F100	1	RB4105
<b>15 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
152 2491cc (2.5) TD25 Diesel			L4	89mm x 100mm	Connecting Rod 58-61 ft.lbs/79-83 Nm				
162 2663cc (2.7) TD27 Diesel			L4	96mm x 92mm	Main Bearing 123-130 ft.lbs/167-177 Nm				
<b>4B2966</b>									
Std. .25 .50 .75 1.0	Rod								
		56.913/2.2407	59.987/2.3617	1.513/0.0596	.035/.0014	26.10/1.028	F780	8	2966
	56.926/2.2412	60.000/2.3622		.087/.0034				IH	
<b>5M2965</b>									
Std. .25 .50 .75 1.0	Main								
	1-5	70.907/2.7916	74.981/2.9520	2.013/0.0793	.035/.0014	26.00/1.024	F780	10	2965
	70.920/2.7921	75.000/2.9528		.093/.0037				U/L	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 15**
**Thrust**

4	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900			2.36/0.093	F250	4	1367T U/L	<b>2T1367</b> Std.
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*Note: Set includes four pieces, use on No. 4 position. Required with 5M2965 main set.*
**Cam**

1	50.716/1.9967 50.739/1.9976	53.830/2.1193	1.521/0.0599		20.49/0.807	F23	1	4055	<b>5C1470S</b> Std.
2	50.520/1.9890 50.540/1.9898	53.630/2.1114	1.521/0.0599		22.00/0.866	F23	1	4056	
3	50.320/1.9811 50.340/1.9819	53.429/2.1035	1.521/0.0599		22.00/0.866	F23	1	4057	
4	50.120/1.9732 50.140/1.9740	53.230/2.0957	1.521/0.0599		22.00/0.866	F23	1	4058	
5	49.920/1.9654 49.940/1.9661	53.030/2.0878	1.521/0.0599		22.00/0.866	F23	1	4059	

**Small End - single pieces, not bored.**

		31.000/1.2205 31.020/1.2213			32.50/1.280	F100	1	RB4101	<b>RB4101</b> Semi
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**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**16**
**2498cc (2.5) (RB25DET) Turbo  
2568cc (2.6) (RB26DETT) Turbo**
**L6 86mm x 71.7mm  
L6 86mm x 73.7mm**
**Rod - Race Series set.**

	47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/0.0592	.020/.0008 .067/.0026	17.10/0.673	F781	12	2960H IH	<b>6B2960H</b> Std. .025 .25
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**Rod - Race Series set. Bearings are .0005" thinner per half to give .001" extra clearance for standard cranks.**

	47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.490/0.0587	.045/.0018 .092/.0036	17.10/0.673	F781	12	2960HX IH	<b>6B2960HX</b> Std.
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**Main - Race Series set.**

1,2,3,5,6, 7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/0.0719	.016/.0006 .069/.0027	19.12/0.753	F780	6	2429H U	<b>7M2428H</b> Std. .025 .25 .50
1,2,3,5,6, 7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/0.0719	.016/.0006 .069/.0027	19.12/0.753	F780	6	2394H L	
4 (FI)	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/0.0719	.016/.0006 .069/.0027	27.00/1.063	F780	2	2428H U/L	

**Main - Race Series set. Bearings are .0005" thinner per half to give .001" extra clearance for standard cranks.**

1,2,3,5,6, 7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/0.0714	.041/.0016 .094/.0037	19.12/0.753	F780	6	2429HX U	<b>7M2428HX</b> Std.
1,2,3,5,6, 7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/0.0714	.041/.0016 .094/.0037	19.12/0.753	F780	6	2394HX L	
4 (FI)	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/0.0714	.041/.0016 .094/.0037	27.00/1.063	F780	2	2428HX U/L	

**Small End - single pieces, not bored.**

	21.000/0.8268 21.012/0.8272	23.975/0.9439 24.000/0.9449	1.720/0.0677		21.75/0.856	F100	1	RB4074	<b>RB4074</b> Semi
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**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**17**
**2565cc (2.6) (L26)  
2753cc (2.8) (L28E)  
2753cc (2.8) (L28ET) Turbo  
2793cc (2.8) (LD28) Diesel**
**R L6 83mm x 79mm  
H L6 86mm x 79mm  
C L6 86mm x 79mm  
S L6 84.5mm x 83mm**
**Connecting Rod 37 ft.lbs/50 Nm  
Main Bearing 37 ft.lbs/50 Nm (Exc. LD28 diesel)  
Main Bearing 51-58 ft.lbs/69-78 Nm (LD28 diesel eng. only)**
**Rod**

	49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/0.0593	.018/.0007 .066/.0026	22.10/0.870	F780	12	1171 IH	<b>6B1171</b> Std. .25 .50 .75 1.0
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# NISSAN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>17 (Cont'd.)</b>									
<b>7M1172</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,7	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/0.0722	.020/.0008 .071/.0028	26.10/1.028	F780	4	1172 U/L
	2,3,5,6	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/0.0722	.020/.0008 .071/.0028	24.10/0.949	F780	8	1174 U/L
	4(FI)	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/0.0722	.020/.0008 .071/.0028	31.95/1.258	F780	2	1173 U/L
	<i>Overflange length remains constant for undersizes.</i>								

<b>18 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
2960cc (3.0) SOHC (VG30)	H	V6	87mm x 83mm	<b>Connecting Rod 33-40 ft.lbs/45-54 Nm</b> <b>Main Bearing 67-74 ft.lbs/91-100 Nm</b>					
2960cc (3.0) SOHC (VG30E)	1	V6	87mm x 83mm						
2960cc (3.0) SOHC (VG30E)	H	V6	87mm x 83mm						
2960cc (3.0) SOHC (VG30E)	W	V6	87mm x 83mm						
2960cc (3.0) SOHC (VG30I)	H	V6	87mm x 83mm						
2960cc (3.0) SOHC (VG30T) Turbo	C	V6	87mm x 83mm						
3275cc (3.3) SOHC (VG33E)		V6	91.4mm x 83mm						
3275cc (3.3) SOHC (VG33E)	A	V6	91.4mm x 83mm						
3275cc (3.3) SOHC (VG33ER) Supercharged		V6	91.4mm x 83mm						

<b>6B2390</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/0.0593	.014/.0006 .064/.0025	17.09/0.673	F780	12	2390 IH
<b>4M2777</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.657/2.6243	1.829/0.0720	.028/.0011 .099/.0039	22.50/0.886	F780	2	2777 U/L
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.657/2.6243	1.829/0.0720	.028/.0011 .099/.0039	19.00/0.748	F780	4	2778 U/L
	4 (FI)	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.657/2.6243	1.829/0.0720	.028/.0011 .099/.0039	28.85/1.136	F780	2	2779 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								

<b>19 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
2960cc (3.0) DOHC (VE30DE)	E	V6	87mm x 83mm	<b>Connecting Rod 12 ft.lbs + 60-65 deg</b> <b>Main Bearing 67-74 ft.lbs/91-100 Nm</b>					
2960cc (3.0) DOHC (VG30DE)	R	V6	87mm x 83mm						
2960cc (3.0) DOHC (VG30DETT) Turbo	C	V6	87mm x 83mm						

<b>6B2390</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/0.0593	.014/.0006 .064/.0025	17.09/0.673	F780	12	2390 IH
<b>4M2737</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	19.00/0.748	F780	4	2737 U/L
	4 (FI)	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	28.85/1.136	F780	2	2738 U/L
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	22.50/0.886	F780	2	2739 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								

<b>20 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
2962cc (3.0) (RB30)		L6	86mm x 85mm						
2962cc (3.0) (RB30ET) Turbo		L6	86mm x 85mm						

<b>6B2390</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/0.0593	.014/.0006 .064/.0025	17.09/0.673	F780	12	2390 IH
<b>6B2390H</b> Std. .025 .25 .50	<b>Rod - Race Series set.</b>								
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/0.0592	.020/.0008 .060/.0024	17.10/0.673	F781	12	2390H IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 20</b>									
<b>Rod - Race Series set. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.490/0.0587	.045/.0018 .086/.0034	17.10/0.673	F781	12	2390HX IH	<b>6B2390HX</b> Std.
<b>Main</b>									
1-6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/0.0720	.010/.0004 .073/.0029	19.12/0.753	F780	12	2394 U/L	<b>7M2394</b> Std. .25 .50 .75
7 (F)	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/0.0720	.010/.0004 .073/.0029	26.95/1.061	F780	2	2395 U/L	
<b>Main - Race Series set.</b>									
1,2,3,5,6, 7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/0.0719	.016/.0006 .069/.0027	19.12/0.753	F780	12	2394H U/L	<b>7M2394H</b> Std. .025 .25 .50
4 (FI)	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/0.0719	.016/.0006 .069/.0027	26.95/1.061	F780	2	2395H U/L	
<b>Main - Race Series set. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
1,2,3,5,6, 7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/0.0714	.041/.0016 .095/.0037	19.12/0.753	F780	12	2394HX U/L	<b>7M2394HX</b> Std.
4 (FI)	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/0.0714	.041/.0016 .095/.0037	26.95/1.061	F780	2	2395HX U/L	
<b>Small End - single pieces, not bored.</b>									
	21.000/0.8268 21.012/0.8272	23.975/0.9439 24.000/0.9449	1.720/0.0677		21.75/0.856	F100	1	RB4074	<b>RB4074</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>2988cc (3.0) DOHC (VQ30DE)</b>		<b>V6</b>	<b>93mm x 73.3mm</b>	<b>Connecting Rod 24-28 ft.lbs + 90 deg</b>					
<b>2988cc (3.0) DOHC (VQ30DE)</b>	<b>C</b>	<b>V6</b>	<b>93mm x 73.3mm</b>	<b>Main Bearing 67-74 ft.lbs/91-100 Nm</b>					
<b>21</b>									
<b>Rod</b>									
	44.958/1.7700 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.502/0.0591	.034/.0013 .059/.0023	17.00/0.669	F780	12	2630 IH	<b>6B2630</b> Std. .25 .50 .75
<b>Main</b>									
1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843 (@ 0.25 u/s)	.035/.0014 .065/.0026	20.12/0.792	F780	8	2633 U/L	<b>4M2633</b> .25 .50 .75
<i>Note : There is no STD undersize for this set due to numerous STD grades used by the OEM.</i>									
<b>Thrust</b>									
	66.500/2.6181 66.700/2.6260	79.250/3.1201 79.500/3.1299			1.94/0.076	F817	2	2633T U/L	<b>2T2633</b> Std.
<i>Set includes four pieces. Required with 4M2633 main set.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>3246cc (3.3) SD33 Diesel</b>		<b>L6</b>	<b>83mm x 100mm</b>	<b>Connecting Rods 36-40 ft.lbs/49-54 Nm</b>					
<b>3246cc (3.3) SD33T Turbo Diesel</b>		<b>L6</b>	<b>83mm x 100mm</b>	<b>Main Bearing 125 ft.lbs/170 Nm</b>					
<b>22</b>									
<b>Rod</b>									
	52.913/2.0832 52.926/2.0837	55.987/2.2042 56.000/2.2047	1.506/0.0593	.049/.0019 .101/.0040	26.04/1.025	F780	12	1366 IH	<b>6B1366</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,2,3,4	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.015/0.0793	.031/.0012 .089/.0035	31.87/1.255	F780	8	1367 U/L	<b>4M1367</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
4	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900			2.36/0.093	F250	4	1367T U/L	<b>2T1367</b> Std.
<i>Note: Set includes four pieces, use on No. 4 position. Required with 4M1367 main set.</i>									
<b>Cam - for 66-4/79 engines only</b>									
1	45.434/1.7887 45.447/1.7892	48.641/1.9150 48.666/1.9160	1.588/0.6250	.018/.0007 .110/.0043	24.13/0.950	F23	1	4036	<b>4C4036</b> Std.
2,3	43.897/1.7282 43.910/1.7287	47.117/1.8550 47.142/1.8560	1.588/0.0625	.012/.0005 .031/.0012	22.10/0.870	F23	2	4037	
4	41.218/1.6628 41.231/1.6233	44.425/1.7490 44.450/1.7500	1.588/0.6250	.018/.0007 .110/.0043	24.13/0.950	F23	1	4038	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>22 (Cont'd.)</b>										
<b>4C4042</b> Std.	<b>Cam - for all engines from 5/79 on</b>									
	1	51.390/2.0232	54.410/2.1421	1.495/0.0589	.020/.0008	24.25/0.955	F820	1	4042	
		51.400/2.0236	54.430/2.1429		.090/.0035					
	2	51.190/2.0154	54.210/2.1342	1.495/0.0589	.020/.0008	22.25/0.876	F820	1	4043	
		51.200/2.0157	54.230/2.1350		.090/.0035					
	3	50.990/2.0075	54.010/2.1264	1.495/0.0589	.020/.0008	22.25/0.876	F820	1	4044	
		51.000/2.0079	54.030/2.1272		.090/.0035					
	4	50.790/1.9996	53.810/2.1185	1.495/0.0589	.020/.0008	24.25/0.955	F820	1	4045	
		50.800/2.0000	53.830/2.1193		.090/.0035					
	<b>RB4096</b> Semi	<b>Small End</b>								
			26.000/1.0236 (Nominal)	29.000/1.1417 29.025/1.1427			30.10/1.185	F100	1	RB4096

<b>23 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>3298cc (3.3) ED33 Diesel</b>		<b>L4</b>	<b>100mm x 105mm</b>	<b>Connecting Rod 83-86 ft.lbs/113-117 Nm</b>					
<b>3298cc (3.3) FD33 Diesel</b>		<b>L4</b>	<b>100mm x 105mm</b>	<b>Main Bearing 123-126 ft.lbs/167-171 Nm</b>					
<b>3298cc (3.3) ED33T Turbo Diesel</b>		<b>L4</b>	<b>100mm x 105mm</b>						
<b>3298cc (3.3) FD33T Turbo Diesel</b>		<b>L4</b>	<b>100mm x 105mm</b>						
<b>3465cc (3.5) FD35 Diesel</b>		<b>L4</b>	<b>102.5mm x 105mm</b>						
<b>3465cc (3.5) FD35T Turbo Diesel</b>	<b>S</b>	<b>L4</b>	<b>102.5mm x 105mm</b>						

<b>4B2776</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		61.920/2.4378 61.945/2.4388	65.980/2.5976 66.000/2.5984	1.998/0.0787	.037/.0015 .105/.0041	32.00/1.260	F780	8	2776 IH
<b>5M2775</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	75.920/2.9890 75.940/2.9898	79.980/3.1488 80.000/3.1496	1.995/0.0785	.050/.0020 .116/.0046	28.00/1.102	F780	10	2775 U/L
<b>2T2775</b> Std.	<b>Thrust</b>								
	3	86.000/3.3858	101.800/4.0079			3.00/0.118	F100	4	2775T U/L
<i>Set contains 4 pieces, use on No.3 position. Required with 5M2775 main set.</i>									

<b>24 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>3498cc (3.5) DOHC (VQ35DE)</b>		<b>V6</b>	<b>95.5mm x 81.4mm</b>	<b>Connecting Rod 14-15 ft.lbs + 90-95 deg</b>					
				<b>Main Bearing 24-25 ft.lbs + 90-95 deg</b>					

<b>6B2640</b> Std. .25 .50 .75	<b>Rod</b>								
		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/0.0591	.022/.0009 .069/.0027	17.00/0.669	F780	12	2640 IH
<b>6B2640H</b> Std. .025 .25	<b>Rod - Race Series set.</b>								
		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/0.0591	.022/.0009 .069/.0027	17.00/0.669	F781	12	2640H IH
<b>6B2640HX</b> Std.	<b>Rod - Race Series set. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.489/0.0586	.047/.0019 .094/.0037	17.00/0.669	F781	12	2640HX IH
<b>4M2633</b> .25 .50 .75	<b>Main</b>								
	1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843 (@ 0.25 u/s)	.035/.0014 .065/.0026	20.12/0.792	F780	8	2633 U/L
<i>Note : There is no STD undersize for this set due to numerous STD grades used by the OEM.</i>									
<b>4M2633H</b> Std. .025 .25	<b>Main - Race Series set.</b>								
	1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843	.035/.0014 .065/.0026	20.12/0.792	F780	8	2633H U/L
<b>4M2633HX</b> Std.	<b>Main - Race Series set. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843	.060/.0024 .090/.0035	20.12/0.792	F780	8	2633HX U/L
<b>2T2633</b> Std.	<b>Thrust</b>								
		66.500/2.6181 66.700/2.6260	79.250/3.1201 79.500/3.1299			1.94/0.076	F817	2	2633T U/L
<i>Set includes four pieces. Required with 4M2633 main set.</i>									



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						25
3956cc (4.0) P/PF		L6	85.7mm x 114.3mm	Connecting Rod 35-45 ft.lbs/48-61 Nm						
3956cc (4.0) P40/PF		L6	85.7mm x 114.3mm	Main Bearing 72-86 ft.lbs/98-117 Nm						

Rod									
	57.131/2.2492	60.180/2.3693	1.504/0.0592	.022/.0009	26.16/1.030	F780	12	1301	6B1301 Std. 10 20 30 40 50
	57.150/2.2500	60.198/2.3700		.086/.0034				IH	

Main - for 1979-90 engines only.									
1(FI)	69.275/2.7274	73.000/2.8740	1.831/0.0721	.045/.0018	40.50/1.594	F780	2	1305	7M1305 Std. 10 20 30 40
	69.300/2.7283	73.025/2.8750		.084/.0033				U/L	
2,3,5,6	69.276/2.7274	72.997/2.8739	1.831/0.0721	.036/.0014	26.13/1.029	F780	8	1304	U/L
	69.299/2.7283	73.002/2.8741		.089/.0035				U/L	
4	69.276/2.7274	72.997/2.8739	1.831/0.0721	.036/.0014	49.12/1.934	F780	2	1302	U/L
	69.299/2.7283	73.002/2.8741		.089/.0035				U/L	
7	69.276/2.7274	72.997/2.8739	1.831/0.0721	.036/.0014	41.12/1.619	F780	2	1303	U/L
	69.299/2.7283	73.002/2.8741		.089/.0035				U/L	

Overflange length remains constant for standard and undersizes.

Cam									
1	49.124/1.9340	52.450/2.0650	1.646/0.0648	.009/.0004	29.64/1.167	F23	1	4286	4C4286 Std.
	49.149/1.9350	52.470/2.0657		.104/.0041					
2	48.920/1.9260	52.250/2.0571	1.646/0.0648	.013/.0005	19.30/0.760	F23	1	4287	
	48.945/1.9270	52.270/2.0579		.108/.0043					
3	48.616/1.9140	51.940/2.0449	1.646/0.0648	.007/.0003	19.30/0.760	F23	1	4288	
	48.641/1.9150	51.960/2.0457		.102/.0040					
4	48.311/1.9020	51.640/2.0331	1.646/0.0648	.012/.0005	32.00/1.260	F23	1	4289	
	48.336/1.9030	51.660/2.0339		.107/.0042					

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS						26
4165cc (4.2) TD42 Diesel		L6	96mm x 96mm	Connecting Rod 58-61 ft.lbs/78-83 Nm						
4165cc (4.2) TD42T Turbo Diesel	R	L6	96mm x 96mm	Main Bearing 123-130 ft.lbs/167-177 Nm						

Rod									
	56.913/2.2407	59.987/2.3617	1.513/0.0596	.035/.0014	26.10/1.028	F780	12	2966	6B2966 Std. .25 .50 .75
	56.926/2.2412	60.000/2.3622		.087/.0034				IH	

Main									
1-7	70.907/2.7916	74.981/2.9520	2.013/0.0793	.035/.0014	26.00/1.024	F780	14	2965	7M2965 Std. .25 .50
	70.920/2.7921	75.000/2.9528		.093/.0037				U/L	

Thrust									
4	78.610/3.0949	93.472/3.6800			2.36/0.093	F250	4	1367T	2T1367 Std.
	78.870/3.1051	93.726/3.6900						U/L	

Set includes 4 pieces. Required with 7M2965 main set.

Small End - single pieces, not bored.									
		31.000/1.2205			32.50/1.280	F100	1	RB4101	RB4101 Semi
		31.020/1.2213							

# NISSAN PERFORMANCE



## NISSAN PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1597cc (1.6).....	(CA16DE/DET)		L4		1	2568cc (2.6).....	(RB26DETT), Turbo		L6		4
1809cc (1.8).....	(CA18DE/ET)		L4		1	2960cc (3.0).....	(VG30DE)		V6		6
1974cc (2.0).....	(CA20E/ET)		L4		1	2960cc (3.0).....	(VG30DETT), Turbo		V6		6
1998cc (2.0).....	(SR20DE)		L4	91-01	2	2962cc (3.0).....	(RB30)		L6		5
1998cc (2.0).....	(SR20DET), Turbo		L4		3	2962cc (3.0).....	(RB30ET), Turbo		L6		5
2498cc (2.5).....	(RB25DET), Turbo		L6		4	3498cc (3.5).....	(VQ35DE)		V6		7

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1597cc (1.6) (CA16DE/DET)		L4	78mm x 83.6mm	Connecting Rod 23-27 ft.lbs/31-37 Nm
1809cc (1.8) (CA18DE/ET)		L4	83mm x 83.6mm	Main Bearing 33-40 ft.lbs/44-54 Nm
1974cc (2.0) (CA20E/ET)		L4	84.5mm x 88mm	

4B1630H Std. .025 .25 .50	<b>Rod - Race Series.</b>								
	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/0.0594	.010/.0004 .062/.0024	18.60/0.732	F781	8	1630H 1630H	
4B1630HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.495/0.0589	.035/.0014 .087/.0034	18.60/0.732	F781	8	1630HX IH	
5M1633H Std. .25 .50 .025	<b>Main - Race Series.</b>								
	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/0.0719	.036/.0014 .078/.0031	20.00/0.787	F780	8	1633H U/L
	3 (FI)	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/0.0721	.031/.0012 .073/.0029	27.95/1.100	F780	2	1635H U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
5M1633HX Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.814/0.0714	.061/.0024 .104/.0041	20.00/0.787	F780	8	1633HX U/L
	3 (FI)	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/0.0716	.056/.0022 .098/.0039	27.95/1.100	F780	2	1635HX U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1998cc (2.0) (SR20DE)		L4	86mm x 86mm	Connecting Rod 14-16 ft.lbs/19-22 Nm Step 1 Connecting Rod 30-34 ft.lbs/41-46 Nm Step 2 Main Bearing 54-61 ft.lbs/73-82 Nm

4B2960H Std. .025 .25	<b>Rod - Race Series.</b>								
	47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/0.0592	.020/.0008 .067/.0026	17.10/0.673	F781	8	2960H IH	
4B2960HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	47.956/1.8880 47.975/1.8888	51.000/2.0079 51.013/2.0084	1.503/0.0592	.020/.0008 .067/.0026	17.10/0.673	F781	8	2960HX IH	
5M2964H Std. .025 .25 .50	<b>Main - Race Series.</b>								
	1-5	54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.975/0.0778	.014/.0006 .078/.0031	19.10/0.752	F780	10	2964H U/L
5M2964HX Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	1-5	54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.963/0.0773	.040/.0016 .103/.0041	19.10/0.752	F780	10	2964HX U/L
1T2964 Std.	<b>Thrust</b>								
	3	61.500/2.4213 61.750/2.4311	83.050/3.2697 83.300/3.2795			1.95/0.077	F250	2	2964T IH
<i>Note: Set includes two pieces, use on No.3 position. Required with 5M2964H/HX main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>3</b>
1998cc (2.0) (SR20DET) Turbo			L4	86mm x 86mm	Connecting Rod 14-16 ft.lbs/19-22 Nm Step 1 Connecting Rod 30-34 ft.lbs/41-46 Nm Step 2 Main Bearing 54-61 ft.lbs/73-82 Nm					

**Rod - Race Series.**

47.956/1.8880	51.000/2.0079	1.503/0.0592	.020/.0008	19.10/0.752	F781	8	2976H IH	<b>4B2976H</b> Std. .025 .25
47.974/1.8887	51.013/2.0084		.067/.0026					

**Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

47.956/1.8880	51.000/2.0079	1.490/0.0587	.045/.0018	19.10/0.752	F781	8	2976HX IH	<b>4B2976HX</b> Std.
47.974/1.8887	51.013/2.0084		.092/.0036					

**Main - Race Series.**

1-5	54.956/2.1636	58.944/2.3206	1.980/0.0780	.013/.0005	19.10/0.752	F780	10	2975H U/L	<b>5M2975H</b> Std. .025 .25
	54.980/2.1646	58.968/2.3216		.068/.0027					

**Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

1-5	54.956/2.1636	58.944/2.3206	1.968/0.0775	.038/.0015	19.10/0.752	F780	10	2975HX U/L	<b>5M2975HX</b> Std.
	54.980/2.1646	58.968/2.3216		.093/.0037					

**Thrust**

3	61.500/2.4213	83.050/3.2697			1.95/0.077	F250	2	2964T IH	<b>1T2964</b> Std.
	61.750/2.4311	83.300/3.2795							

Note: Set includes two pieces, use on No.3 position. Required with 5M2964H/HX main set.

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>4</b>
2498cc (2.5) (RB25DET) Turbo			L6	86mm x 71.7mm						
2568cc (2.6) (RB26DETT) Turbo			L6	86mm x 73.7mm						

**Rod - Race Series.**

47.956/1.8880	51.000/2.0079	1.503/0.0592	.020/.0008	17.10/0.673	F781	12	2960H IH	<b>6B2960H</b> Std. .025 .25
47.974/1.8887	51.013/2.0084		.067/.0026					

**Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

47.956/1.8880	51.000/2.0079	1.490/0.0587	.045/.0018	17.10/0.673	F781	12	2960HX IH	<b>6B2960HX</b> Std.
47.974/1.8887	51.013/2.0084		.092/.0036					

**Main - Race Series.**

1,2,3,5,6,7	54.951/2.1634	58.645/2.3089	1.827/0.0719	.016/.0006	19.12/0.753	F780	6	2429H U	<b>7M2428H</b> Std. .025 .25 .50
	54.975/2.1644	58.658/2.3094		.069/.0027					

1,2,3,5,6,7	54.951/2.1634	58.645/2.3089	1.827/0.0719	.016/.0006	19.12/0.753	F780	6	2394H L	<b>7M2428HX</b> Std.
	54.975/2.1644	58.658/2.3094		.069/.0027					

4 (FI)	54.951/2.1634	58.645/2.3089	1.827/0.0719	.016/.0006	27.00/1.063	F780	2	2428H U/L	
	54.975/2.1644	58.658/2.3094		.069/.0027					

**Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

1,2,3,5,6,7	54.951/2.1634	58.645/2.3089	1.814/0.0714	.041/.0016	19.12/0.753	F780	6	2429HX U	<b>7M2428HX</b> Std.
	54.975/2.1644	58.658/2.3094		.094/.0037					

1,2,3,5,6,7	54.951/2.1634	58.645/2.3089	1.814/0.0714	.041/.0016	19.12/0.753	F780	6	2394HX L	<b>7M2428HX</b> Std.
	54.975/2.1644	58.658/2.3094		.094/.0037					

4 (FI)	54.951/2.1634	58.645/2.3089	1.814/0.0714	.041/.0016	27.00/1.063	F780	2	2428HX U/L	
	54.975/2.1644	58.658/2.3094		.094/.0037					

**Small End - single pieces, not bored.**

21.000/0.8268	23.975/0.9439	1.720/0.0677			21.75/0.856	F100	1	RB4074	<b>RB4074</b> Semi
21.012/0.8272	24.000/0.9449								

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>5</b>
2962cc (3.0) (RB30)			L6	86mm x 85mm						
2962cc (3.0) (RB30ET) Turbo			L6	86mm x 85mm						

**Rod - Race Series.**

49.961/1.9670	53.000/2.0866	1.503/0.0592	.020/.0008	17.10/0.673	F781	12	2390H IH	<b>6B2390H</b> Std. .025 .25 .50
49.974/1.9675	53.011/2.0870		.060/.0024					

**Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

49.961/1.9670	53.000/2.0866	1.490/0.0587	.045/.0018	17.10/0.673	F781	12	2390HX IH	<b>6B2390HX</b> Std.
49.974/1.9675	53.011/2.0870		.086/.0034					

# NISSAN PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>5 (Cont'd.)</b>									
<b>7M2394H</b> Std. .025 .25 .50	<b>Main - Race Series.</b>								
	1,2,3,5, 6,7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/0.0719	.016/.0006 .069/.0027	19.12/0.753	F780	12	2394H U/L
	4 (FI)	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/0.0719	.016/.0006 .069/.0027	26.95/1.061	F780	2	2395H U/L
<b>7M2394HX</b> Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	1,2,3,5, 6,7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/0.0714	.041/.0016 .095/.0037	19.12/0.753	F780	12	2394HX U/L
	4 (FI)	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/0.0714	.041/.0016 .095/.0037	26.95/1.061	F780	2	2395HX U/L
<b>RB4074</b> Semi	<b>Small End - single pieces, not bored.</b>								
		21.000/0.8268 21.012/0.8272	23.975/0.9439 24.000/0.9449	1.720/0.0677		21.75/0.856	F100	1	RB4074

<b>6 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
2960cc (3.0) (VG30DE)		V6	87mm x 83mm	Connecting Rod 12 ft.lbs + 60-65 deg
2960cc (3.0) (VG30DETT) Turbo		V6	87mm x 83mm	Main Bearing 67-74 ft.lbs/91-100 Nm

<b>6B2390H</b> Std. .025 .25 .50	<b>Rod - Race Series.</b>								
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/0.0592	.020/.0008 .060/.0024	17.10/0.673	F781	12	2390H IH
<b>6B2390HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.490/0.0587	.045/.0018 .086/.0034	17.10/0.673	F781	12	2390HX IH
<b>4M2737H</b> Std. .025 .25 .50	<b>Main - Race Series.</b>								
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	19.00/0.748	F780	4	2737H U/L
	4 (FI)	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	28.85/1.136	F780	2	2738H U/L
	1	62.951/2.4784 62.674/2.4675	66.645/2.6238 66.672/2.6249	1.830/0.0720	.011/.0004 .077/.0030	22.50/0.886	F780	2	2739H U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>4M2737HX</b> Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/0.0715	.036/.0014 .102/.0040	19.00/0.748	F780	4	2737HX U/L
		62.951/2.4784 62.674/2.4675	66.645/2.6238 66.672/2.6249	1.817/0.0715	.036/.0014 .102/.0040	28.85/1.136			2738HX
		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/0.0715	.036/.0014 .102/.0040	22.50/0.886			2739HX
	<i>Overflange length remains constant for standard and undersizes.</i>								

<b>7 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
3498cc (3.5) (VQ35DE)		V6	95.5mm x 81.4mm	Connecting Rod 14-15 ft.lbs + 90-95 deg
				Main Bearing 24-25 ft.lbs + 90-95 deg

<b>6B2640H</b> Std. .025 .25	<b>Rod - Race Series.</b>								
		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/0.0591	.022/.0009 .069/.0027	17.00/0.669	F781	12	2640H IH
<b>6B2640HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.489/0.0586	.047/.0019 .094/.0037	17.00/0.669	F781	12	2640HX IH
<b>4M2633H</b> Std. .025 .25	<b>Main - Race Series.</b>								
	1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843	.035/.0014 .065/.0026	20.12/0.792	F780	8	2633H U/L
<b>4M2633HX</b> Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.</b>								
	1-4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/0.0843	.060/.0024 .090/.0035	20.12/0.792	F780	8	2633HX U/L



# NISSAN PERFORMANCE

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>7</b>
<b>Thrust</b>	66.500/2.6181 66.700/2.6260	79.250/3.1201 79.500/3.1299			1.94/0.076	F817	2	2633T U/L	<b>2T2633</b> Std.
<i>Set includes four pieces. Required with 4M2633H/HX main set.</i>									

## OLDSMOBILE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
112 (1.8)	OHC Pontiac Eng.	0	L4	82-86	2	231 (3.8)	3800 MFI/TPI (Buick Eng.)	L	V6	91-95	16
112 (1.8)	OHV Chevrolet Eng.	G	L4	82-82	1	250 (4.1)	Chevrolet Eng.		L6	66-72	18
122 (2.0)	OHV Chevrolet Eng.	1	L4	87-88	3	250 (4.1)	Chevrolet Eng.	D	L6	73-76	18
122 (2.0)	OHV Chevrolet Eng.	B	L4	83-84	3	252 (4.1)	Buick Eng.	4	V6	81-84	13
122 (2.0)	OHC Pontiac Eng.	K	L4	87-88	2	256 (4.2)		S	L6	02-04	19
122 (2.0)	OHV Chevrolet Eng.	P	L4	83-86	3	260 (4.3)	Diesel	T	V6	82-85	20
134 (2.2)	OHV Chevrolet Eng.	4	L4	93-96	4	260 (4.3)	Diesel	V	V6	82-85	20
134 2198cc (2.2)	Ecotec (L61)	F	L4	02-04	5	260 (4.3)	Gas	8	V8	82-82	21
138 (2.3)	SOHC (Quad 4)	3	L4	92-94	6	260 (4.3)	Gas	F	V8	75-81	21
138 (2.3)	DOHC (Quad 4)	D	L4	87-95	6	260 (4.3)	Diesel	P	V8	79-80	22
140 (2.3)	DOHC (Quad 4 - H.O.)	A	L4	89-94	6	262 (4.3)	Chevrolet Eng.	W	V6	92-01	23
140 (2.3)	SOHC Chevrolet Eng.	B	L4	76-77	7	262 (4.3)	Chevrolet Eng.	Z	V6	91-92	23
146 (2.4)	DOHC (Quad 4)	T	L4	97-01	8	267 (4.4)	Chevrolet Eng.	J	V8	81-82	24
146 (2.4)	DOHC (Quad 4) (LD9)	T	L4	96-96	8	301 (4.9)	Pontiac Eng.	Y	V8	79-79	25
151 2474cc (2.5)	Pontiac Eng.	1	L4	78-79	9	305 (5.0)	Chevrolet Eng.	E	V8	91-92	24
151 2474cc (2.5)	Pontiac Eng.	5	L4	80-83	9	305 (5.0)	Chevrolet Eng.	G	V8	79-79	24
151 2474cc (2.5)	Pontiac Eng.	R	L4	82-92	9	305 (5.0)	Chevrolet Eng.	H	V8	78-87	24
151 2474cc (2.5)	Pontiac Eng.	U	L4	85-91	10	305 (5.0)	Chevrolet Eng.	U	V8	77-78	24
151 2474cc (2.5)	Pontiac Eng.	V	L4	78-80	9	307 (5.0)		9	V8	84-87	21
173 (2.8)		7	V6	80-80	11	307 (5.0)		Y	V8	80-90	21
173 (2.8)		W	V6	85-89	11	330 (5.4)			V8	64-67	21
173 (2.8)		X	V6	81-86	11	350 (5.7)			V8	68-71	21
173 (2.8)		Z	V6	82-84	11	350 (5.7)	Chevrolet Eng.	7	V8	92-92	24
181 (3.0)	Buick Eng.	E	V6	82-85	13	350 (5.7)	Chevrolet Eng.	G	V8	77-77	24
181 (3.0)	Buick Eng.	L	V6	85-88	13	350 (5.7)		H	V8	72-73	21
189 (3.1)	Chevrolet Eng.	D	V6	90-94	12	350 (5.7)	Buick Eng.	H	V8	75-76	26
189 (3.1)	Chevrolet Eng.	J	V6	99-99	12	350 (5.7)	Buick Eng.	J	V8	75-76	26
189 (3.1)	Chevrolet Eng.	M	V6	93-99	12	350 (5.7)		K	V8	72-75	21
189 (3.1)	Chevrolet Eng.	T	V6	89-93	12	350 (5.7)	Chevrolet Eng.	L	V8	77-79	24
189 (3.1)	Chevrolet Eng. (L82)	M	V6	96-96	12	350 (5.7)		M	V8	74-74	21
204 (3.3)	Buick Eng.	N	V6	89-93	13	350 (5.7)	Diesel	N	V8	78-85	22
207 (3.4)	OHV	E	V6	96-04	17	350 (5.7)		R	V8	76-80	21
207 (3.4)	DOHC	X	V6	91-96	17	400 (6.6)			V8	65-69	28
215 (3.5)			V8	61-63	14	400 (6.6)	Pontiac Eng.	R	V8	75-75	27
225 (3.7)	Buick Eng.		V6	64-65	15	400 (6.6)	Pontiac Eng.	S	V8	75-75	27
231 (3.8)	3800 Series II (Buick Eng.), Supercharged	1	V6	96-99	16	403 (6.6)		K	V8	77-79	21
231 (3.8)	3800 TPI (Buick Eng.), Supercharged	1	V6	92-95	16	425 (7.0)			V8	65-67	28
231 (3.8)	Buick Eng.	2	V6	79-79	13	455 (7.5)		R	V8	68-71	28
231 (3.8)	Buick Eng.	3	V6	84-88	13	455 (7.5)		S	V8	74-74	28
231 (3.8)	Buick Eng.	A	V6	77-87	13	455 (7.5)		T	V8	72-76	28
231 (3.8)	Buick Eng.	B	V6	86-86	13	455 (7.5)		U	V8	72-74	28
231 (3.8)	3800 MFI/TPI (Buick Eng.)	C	V6	88-91	16	455 (7.5)		W	V8	72-75	28
231 (3.8)	Buick Eng.	C	V6	75-77	15						
231 (3.8)	3800 Series II (Buick Eng.)	K	V6	95-99	16						

## OLDSMOBILE MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
442	122	2.0		OHV Chevrolet Eng.	87-88	98 - REGENCY BROUGHAM	252	4.1		Buick Eng.	82-83	
	260	4.3			80		260	4.3			85	
	350	5.7			68-70		307	5.0			82-84	
	400	6.6			65-69		350	5.7			82-84	
98	455	7.5			68-71	98 - REGENCY ELITE	231	3.8		3800 MFI/TPI (Buick Eng.)	91-94	
	252	4.1		Buick Eng.	81		231	3.8		3800 Series II (Buick Eng.)	95-96	
	307	5.0			80-81	98 - REGENCY TOURING	231	3.8		3800 TPI (Buick Eng.)	94-95	
	350	5.7			72-81		98 - REGENCY ACHIEVA	146	2.4		DOHC (Quad 4)	96-98
	400	6.6		Pontiac Eng.	75			189	3.1		Chevrolet Eng.	96-98
	403	6.6			77-79			98 - REGENCY ACHIEVA - S	138	2.3		DOHC (Quad 4)
425	7.0			65-67	138	2.3				SOHC (Quad 4)	92-94	
455	7.5			68-76	98 - REGENCY ACHIEVA - SC	140	2.3		DOHC (Quad 4 - H.O.)	92-93		
98 - HOLIDAY	425	7.0				189	3.1		Chevrolet Eng.	94-95		
98 - REGENCY	181	3.0		Buick Eng.		85	204	3.3		Buick Eng.	92-93	
231	3.8		3800 MFI/TPI (Buick Eng.)	88-94		138	2.3		DOHC (Quad 4)	94		
98 - REGENCY BROUGHAM	231	3.8		3800 MFI/TPI (Buick Eng.)	88-90	140	2.3		DOHC (Quad 4 - H.O.)	94		
	231	3.8		Buick Eng.	85-87	146	2.4		DOHC (Quad 4)	97		
	252	4.1		Buick Eng.	81-83							
	260	4.3			85							
	307	5.0			80-84							
	350	5.7			73-84							
	400	6.6		Pontiac Eng.	75							
	403	6.6			77-79							
	455	7.5			73-76							



## OLDSMOBILE MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years	
CUTLASS CRUISER	305		5.0	Chevrolet Eng.	78-83	DELTA 88	455		7.5		68-76	
	307		5.0		81-83	DELTA 88 - CUSTOM	350		5.7		68-70	
	350		5.7		79-83		455		7.5		68-71	
	350		5.7	Chevrolet Eng.	78-79	DELTA 88 - HOLIDAY	330		5.4		67	
CUTLASS CRUISER - BROUGHAM	231		3.8	Buick Eng.	80-81		425		7.0		65-67	
	260		4.3	Gas	80-81	DELTA 88 - ROYALE	181		3.0	Buick Eng.	86	
	305		5.0	Chevrolet Eng.	80		231		3.8	3800 MFI/TPI (Buick Eng.)	88-94	
	307		5.0		81		231		3.8	3800 Series II (Buick Eng.)	95-98	
	350		5.7		80-81		231		3.8	Buick Eng.	77-88	
	138		2.3	DOHC (Quad 4)	90-91		260		4.3	Gas	77-82	
CUTLASS SUPREME	140		2.3	DOHC (Quad 4 - H.O.)	90		267		4.4	Chevrolet Eng.	81-82	
	250		4.1	Chevrolet Eng.	75-76		301		4.9	Pontiac Eng.	79	
	173		2.8		88-89		307		5.0		80-85	
	189		3.1	Chevrolet Eng.	89-97		350		5.7		70-85	
	207		3.4	DOHC	91-95		350		5.7	Chevrolet Eng.	77	
	231		3.8	Buick Eng.	77-87		400		6.6	Pontiac Eng.	75	
	260		4.3		82-84		403		6.6		77-79	
	260		4.3		79		455		7.5		70-76	
	260		4.3	Gas	75-82	DELTA 88 - ROYALE BROUGHAM	181		3.0	Buick Eng.	86	
	267		4.4	Chevrolet Eng.	82		231		3.8	3800 MFI/TPI (Buick Eng.)	88-91	
	305		5.0	Chevrolet Eng.	78-87		231		3.8	Buick Eng.	80-88	
	307		5.0		82-87		260		4.3	Gas	80-82	
	350		5.7		72-85		267		4.4	Chevrolet Eng.	81-82	
	350		5.7	Chevrolet Eng.	78		307		5.0		80-85	
	403		6.6		77		350		5.7		80-85	
	455		7.5		71-76	DELTA 88 - ROYALE LS	231		3.8	3800 MFI/TPI (Buick Eng.)	92-94	
	CUTLASS SUPREME - BROUGHAM	250		4.1	Chevrolet Eng.	76		231		3.8	3800 Series II (Buick Eng.)	95-98
		231		3.8	Buick Eng.	77-87		231		3.8	3800 TPI (Buick Eng.)	95
		260		4.3		82-85	DELTA 88 - ROYALE LSS	231		3.8	3800 Series II (Buick Eng.)	95
		260		4.3		79		231		3.8	3800 TPI (Buick Eng.)	95
		260		4.3	Gas	76-82	DYNAMIC	425		7.0		65-66
267			4.4	Chevrolet Eng.	82	DYNAMIC - HOLIDAY	425		7.0		65-66	
305			5.0	Chevrolet Eng.	78-80	F85	250		4.1	Chevrolet Eng.	66-71	
307			5.0		82-87		215		3.5		61-63	
350			5.7		76-85		330		5.4		64-67	
403			6.6		77		350		5.7		68-72	
455			7.5		76		400		6.6		65-66	
CUTLASS SUPREME - CLASSIC	307		5.0		88		455		7.5		70-72	
	CUTLASS SUPREME - CLASSIC BROUGHAM	307		5.0		88	F85 - HOLIDAY	250		4.1	Chevrolet Eng.	66
		350		5.7		74-75		330		5.4		66
		455		7.5		74-75	FIRENZA	112		1.8	OHC Pontiac Eng.	82-86
							112		1.8	OHV Chevrolet Eng.	82	
CUTLASS SUPREME - INTERNATIONAL	140		2.3	DOHC (Quad 4 - H.O.)	90		122		2.0	OHC Pontiac Eng.	87-88	
	173		2.8		88-89		122		2.0	OHV Chevrolet Eng.	83-86	
	189		3.1	Chevrolet Eng.	89-93		173		2.8		85	
	207		3.4	DOHC	91-93	FIRENZA - GT	173		2.8		86-87	
CUTLASS SUPREME - S	189		3.1	Chevrolet Eng.	92-94	FIRENZA - LC	112		1.8	OHC Pontiac Eng.	86	
	207		3.4	DOHC	92-94		122		2.0	OHC Pontiac Eng.	87	
	CUTLASS SUPREME - SL	173		2.8		88-89		122		2.0	OHV Chevrolet Eng.	86
189			3.1	Chevrolet Eng.	89-97	FIRENZA - LX	112		1.8	OHC Pontiac Eng.	82-86	
207			3.4	DOHC	91-96		112		1.8	OHV Chevrolet Eng.	82	
330			5.4		67		122		2.0	OHC Pontiac Eng.	87	
350			5.7		68		122		2.0	OHV Chevrolet Eng.	83-86	
425			7.0		67		122		2.0	OHV Chevrolet Eng.	83-86	
DELMONT 88	330		5.4		67		173		2.8		85	
	350		5.7		68	FIRENZA - S	112		1.8	OHC Pontiac Eng.	82-86	
DELMONT 88 - HOLIDAY	425		7.0		67		112		1.8	OHV Chevrolet Eng.	82	
	231		3.8	3800 Series II (Buick Eng.)	99		122		2.0	OHC Pontiac Eng.	87	
DELTA 88	231		3.8	Buick Eng.	77-83		122		2.0	OHV Chevrolet Eng.	83-86	
	260		4.3	Gas	77-82		173		2.8		85	
	267		4.4	Chevrolet Eng.	82	FIRENZA - SX	112		1.8	OHC Pontiac Eng.	82-85	
	301		4.9	Pontiac Eng.	79		112		1.8	OHV Chevrolet Eng.	82	
	307		5.0		80-83		122		2.0	OHV Chevrolet Eng.	83-85	
	330		5.4		67		173		2.8		85	
	350		5.7		68-83	INTRIGUE	231		3.8	3800 Series II (Buick Eng.)	98-99	
	350		5.7	Chevrolet Eng.	77		215		3.5		62-63	
	400		6.6	Pontiac Eng.	75	JETFIRE	330		5.4		64-66	
	403		6.6		77-79	JETSTAR 88	425		7.0		65	
	425		7.0		65-67							



## OLDSMOBILE MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
JETSTAR 88 - HOLIDAY	330		5.4		64-66	SILHOUETTE	231		3.8	3800 MFI/TPI (Buick Eng.)	92-95
LSS	425		7.0		65	STARFIRE	140		2.3	SOHC Chevrolet Eng.	76-77
	231		3.8	3800 Series II (Buick Eng.)	96-99		151	2474	2.5	Pontiac Eng.	78-80
OMEGA	250	2474	2.5	Pontiac Eng.	80-84		231		3.8	Buick Eng.	75-80
	173		2.8	Chevrolet Eng.	73-76		305		5.0	Chevrolet Eng.	77-79
	231		3.8	Buick Eng.	80-84	STARFIRE - SX	425		7.0		65-66
	260		4.3	Gas	77-79		140		2.3	SOHC Chevrolet Eng.	76-77
	305		5.0	Chevrolet Eng.	75-77		151	2474	2.5	Pontiac Eng.	78-80
	350		5.7	Buick Eng.	77-79		231		3.8	Buick Eng.	76-80
	350		5.7	Chevrolet Eng.	75-76		305		5.0	Chevrolet Eng.	77-79
OMEGA - BROUGHAM	151	2474	2.5	Pontiac Eng.	80-84	TORONADO	231		3.8	3800 MFI/TPI (Buick Eng.)	88-92
	250		4.1	Chevrolet Eng.	76		231		3.8	Buick Eng.	87
	173		2.8		80-84		252		4.1	Buick Eng.	84
	231		3.8	Buick Eng.	77-79		307		5.0		80-85
	260		4.3	Gas	76-77		350		5.7		79-85
	305		5.0	Chevrolet Eng.	77-79		403		6.6		78
	350		5.7	Buick Eng.	77		425		7.0		66-67
	350		5.7	Chevrolet Eng.	76		455		7.5		68-76
OMEGA - F85	250		4.1	Chevrolet Eng.	76	TORONADO - BROUGHAM	231		3.8	Buick Eng.	86-87
	231		3.8	Buick Eng.	77		252		4.1	Buick Eng.	81-84
	260		4.3	Gas	76-77		307		5.0		80-85
	305		5.0	Chevrolet Eng.	77		350		5.7		79-85
	350		5.7	Buick Eng.	76		403		6.6		77-78
	350		5.7	Chevrolet Eng.	77		455		7.5		75-76
OMEGA - SALON	250		4.1	Chevrolet Eng.	75	TORONADO - TROFEO	231		3.8	3800 MFI/TPI (Buick Eng.)	88-92
	260		4.3	Gas	75		350		5.7		77
	350		5.7	Buick Eng.	75		403		6.6		77
REGENCY	231		3.8	3800 Series II (Buick Eng.)	97-98	TORONADO - XSR	350		5.7		64-67
SILHOUETTE	189		3.1	Chevrolet Eng.	90-94		403		6.6		68-77
	207		3.4	OHV	96-04	VISTA CRUISER	330		5.4		68-69
							350		5.7		77
							400		6.6		68-69
							403		6.6		77
							455		7.5		70-76

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**ENGINE**
**112 (1.8) OHV Chevrolet Eng.**
**VIN CYL Bore x Stroke**
**G L4 3.50 x 2.91**
**TORQUE SETTINGS**
**Connecting Rod 34-43 ft.lbs/47-58 Nm  
Main Bearing 63-77 ft.lbs/85-105 Nm**
**1**
**Rod**

50.775/1.9990	53.967/2.1247	1.577/0.0621	.013/.0005	21.38/0.842	F780	8	2370
50.800/2.0000	53.980/2.1252	.077/.0030					IH

**4B745P**  
Std. 01 10 20 30 40

**Main**

1,2,3	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	6	7123
	63.383/2.4954	68.273/2.6879		.093/.0037				IH
4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7162
	63.383/2.4954	68.273/2.6879		.093/.0037				IH
5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	20.95/0.825	F780	2	7125
	63.383/2.4954	68.273/2.6879		.093/.0037				U/L

**5M1524P**  
Std. .25 .50 .75

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	47.440/1.8677	51.283/2.0190	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
	47.490/1.8697	51.308/2.0200						
2,5	47.440/1.8677	51.029/2.0090	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
	47.490/1.8697	51.079/2.0110						
3,4	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010						

**5C1195S**  
Std.

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 ENGINE</b>									
<b>112 (1.8) OHC Pontiac Eng.</b>		<b>0</b>	<b>L4</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
<b>122 (2.0) OHC Pontiac Eng.</b>		<b>K</b>	<b>L4</b>	<b>84.8mm x 79.5mm</b>		<b>Connecting Rod 23 ft.lbs/35 Nm + 40 deg turn</b>			
				<b>86mm x 86mm</b>		<b>Main Bearing 44 ft.lbs/59 Nm + 40 deg turn</b>			
<b>4B1175P</b> Std. .25 .50 .75	<b>Rod - for 1.8L engines from 1982-1986.</b>								
	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/0.0590	.013/.0005 .066/.0026	19.30/0.760	F780	8	2326 U/L	
<i>Set to be superseded by 4B2322A when stock exhausted.</i>									
<b>4B1408P</b> Std. .25 .50 .75	<b>Rod - for 2.0L engines from 1987-1988.</b>								
	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/0.0590	.013/.0005 .066/.0026	19.30/0.760	F780	8	2320 U/L	
<i>Set to be superseded by 4B2322A when stock exhausted.</i>									
<b>4B2322A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/0.0591	.013/.0005 .057/.0022	19.30/0.760	F810	8	2322A U/L	
<b>5M1549P</b> .25 .50 .75	<b>Main</b>								
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/0.0785	.015/.0006 .066/.0026	19.50/0.768	F780	8	2327 IH
	3 (FI)	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/0.0785	.015/.0006 .066/.0026	26.10/1.028	F780	2	2328 IH
	<i>Overflange length increases for undersizes. *See below for dimensional information.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M1549P</b>									
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
0.25 mm u/s shaft			1.028"/26.10mm		+.008"/0.20mm				
0.50 mm u/s shaft			1.036"/26.30mm		+.016"/0.40mm				
0.75 mm u/s shaft			1.036"/26.30mm		+.016"/0.40mm				
<b>5M2329P</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/0.0785	.015/.0006 .066/.0026	19.50/0.768	F780	8	2327 IH
	3 (FI)	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/0.0785	.015/.0006 .066/.0026	25.90/1.020	F780	2	2329 IH
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>3 ENGINE</b>									
<b>122 (2.0) OHV Chevrolet Eng.</b>		<b>1</b>	<b>L4</b>	<b>3.50 x 3.15</b>		<b>Connecting Rod 34-43 ft.lbs/47-58 Nm</b>			
<b>122 (2.0) OHV Chevrolet Eng.</b>		<b>B</b>	<b>L4</b>	<b>3.50 x 3.15</b>		<b>Main Bearing 63-77 ft.lbs/85-105 Nm</b>			
<b>122 (2.0) OHV Chevrolet Eng.</b>		<b>P</b>	<b>L4</b>	<b>3.50 x 3.15</b>					
<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH	
<b>5M1567P</b> Std. .25 .50 .75 1.0	<b>Main - 122 (2.0L) VIN B,P engine only.</b>								
	1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	6	7123 IH
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH
	5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	20.95/0.825	F780	2	7125 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M7124P</b> Std. .25 .50 .75 1.0	<b>Main - 122 (2.0L) VIN 1 engine only.</b>								
	1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	8	7123 IH
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 3**
**Cam**

1	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1	<b>5C1195S</b> Std.
2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4	
3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**134 (2.2) OHV Chevrolet Eng.**
**4**
**L4**
**3.50 x 3.46**
**Connecting Rod 38 ft.lbs/51 Nm  
Main Bearing 70 ft.lbs/95 Nm**
**4**
**Rod**

	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH	<b>4B745P</b> Std. 01 10 20 30 40
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**Main**

1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	8	7123 IH	<b>5M7124P</b> Std. .25 .50 .75 1.0
4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH	

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1	<b>5C1195S</b> Std.
2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4	
3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**134 2198cc (2.2) Ecotec (L61)**
**F**
**L4**
**86mm x 94.6mm**
**Connecting Rod 18 ft.lbs + 100 deg  
Main Bearing 15 ft.lbs + 70 deg**
**5**
**Rod - High Strength Aluminum Silicon material.**

	49.000/1.9291 49.014/1.9297	52.118/2.0519 52.134/2.0525	1.542/0.0607	.020/.0008 .066/.0026	20.30/0.799	F810	8	2296A IH	<b>4B2296A</b> Std. .25 .50 .75
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**Rod - .002" oversize OD version of 4B2296A.**

	49.000/1.9291 49.014/1.9297	52.169/2.0539 52.185/2.0545	1.692/0.0666 (@ 0.25mm u/size)	.020/.0008 .066/.0026	20.30/0.799	F810	8	9110A IH	<b>4B2296AO/S2</b> .25 .50 .75
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**Main**

1,3,4,5	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.036/0.1589	.033/.0013 .078/.0031	19.79/0.779	F810	8	MB3824AL U/L	<b>5M2232A</b> Std. 10 20
2 (FI)	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.041/0.1591	.020/.0008 .063/.0025	25.88/1.019	F810	2	MB3825AL U/L	

**Balance Shaft**

Rear	36.720/1.4457 36.741/1.4465	40.762/1.6048 40.775/1.6053	2.004/0.0789	.027/.0011 .068/.0027	26.00/1.024	F820	1	SH2002	<b>1BS2002S</b> Std.
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**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**
**138 (2.3) SOHC (Quad 4)**
**3**
**L4**
**3.62 x 3.35**
**Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn  
Main Bearing 15 ft.lbs/20 Nm + 90 deg turn**
**138 (2.3) DOHC (Quad 4)**
**D**
**L4**
**3.62 x 3.35**
**140 (2.3) DOHC (Quad 4 - H.O.)**
**A**
**L4**
**3.62 x 3.35**
**6**
**Rod**

	47.973/1.8887 47.998/1.8897	51.166/2.0144 51.191/2.0154	1.580/0.0623	.013/.0005 .051/.0020	22.76/0.896	F780	8	8516 IH	<b>4B1388P</b> Std. .25 .50 .75 1.0
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# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 6 (Cont'd.)

<b>5M8511P</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	21.26/0.837	F780	8	8511 U/L
	3 (FI)	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	27.76/1.093	F780	2	8513 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M8514P</b> .25 .50 .75	<b>Main - Alt set to 5M8511P with +0.004" overflange length increase. * See below for dimensional information.</b>								
	1,2,4,5	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	21.26/0.837	F780	8	8511 U/L
	3 (FI)	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.502/0.0985 (@ 0.25 u/s)	.013/.0005 .077/.0030	27.86/1.097	F780	2	8514 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8514P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
				1.097"		+0.004"			
				1.097"		+0.004"			
				1.097"		+0.004"			

## 7 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
140 (2.3) SOHC Chevrolet Eng.	B	L4	3.50 x 3.63	Connecting Rod 35 ft.lbs/48 Nm Main Bearing 65 ft.lbs/88 Nm

<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH
<b>5M1050P</b> Std. 10 20	<b>Main</b>								
	1,2,3	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	20.50/0.807	F780	6	MB3135P U/L
	4 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	25.63/1.009	F780	2	MB2588P U/L
	5	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	22.88/0.901	F780	2	MB2589P U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5C716S</b> Std.	<b>Cam</b>								
	1	57.942/2.2812 57.968/2.2822	61.265/2.4120 61.290/2.4130	1.633/0.0643		17.40/0.685	F23	1	CH-13-1
	2,3,4,5	57.942/2.2812 57.968/2.2822	61.265/2.4120 61.290/2.4130	1.633/0.0643		17.40/0.685	F23	4	CH-13-2

## 8 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
146 (2.4) DOHC (Quad 4)	T	L4	3.543 x 3.700	Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn
146 (2.4) DOHC (Quad 4) (LD9)	T	L4	3.543 x 3.700	Main Bearing 15 ft.lbs/20 Nm + 90 deg turn

<b>4B1647P</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.973/1.8887 47.998/1.8897	51.173/2.0147 51.186/2.0152	1.581/0.0622	.013/.0005 .077/.0030	18.30/0.720	F780	8	8520 IH
<b>5M2056P</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4,5	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L
	3 (FI)	60.000/2.3622 60.023/2.3631	67.778/2.6684 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.74/1.092	F780	2	8518 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>8</b>

**Main - Alternate set to 5M2056P with +0.25mm overflange length increase. \* See below for dimensional information.**

1,2,4,5	60.800/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L	<b>5M8525P</b> .25 .50 .75 1.0
3 (FI)	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.99/1.102	F780	2	8525 U/L	

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M8525P**

	Overall Width (Nominal)	Increase in Width
0.25mm u/s shaft	27.99 mm	+0.25 mm
0.50mm u/s shaft	27.99 mm	+0.25 mm
0.75mm u/s shaft	27.99 mm	+0.25 mm
1.00mm u/s shaft	27.99 mm	+0.25 mm

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	<b>9</b>
151 2474cc (2.5) Pontiac Eng.	1	L4	4.00 x 3.00	Connecting Rod 30 ft.lbs/41 Nm (except crossflow)	<b>5M1733P</b> Std. 01 10 20 30 40
151 2474cc (2.5) Pontiac Eng.	5	L4	4.00 x 3.00	Connecting Rod 32 ft.lbs/44 Nm (crossflow)	
151 2474cc (2.5) Pontiac Eng.	R	L4	4.00 x 3.00	Main Bearing 65 ft.lbs/88 Nm (except crossflow)	
151 2474cc (2.5) Pontiac Eng.	V	L4	4.00 x 3.00	Main Bearing 70 ft.lbs/95 Nm (crossflow)	

**Rod - High Strength Aluminum Silicon material.**

50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	8	2226A IH	<b>4B610A</b> Std. 10 20 30 40
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**Rod - .002" oversize OD version of 4B610A.**

50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH	<b>4B610AO/S2</b> 10 20 30 40
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**Rod - To be superseded by 4B610A when stock exhausted.**

50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	8	2226 IH	<b>4B610P</b> Std. 01 10 20 30 40
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**Main**

1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L	<b>5M1733P</b> Std. 01 10 20 30 40
5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L	

Overflange length remains constant for standard and undersizes.

**Main - Alt set to 5M1733P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	8	7132 U/L	<b>5M7152P</b> 10 20 30 40
5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.88/1.019	F780	2	7152 U/L	

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M7152P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.019"	+0.010"
.020" u/s shaft	1.019"	+0.010"
.030" u/s shaft	1.019"	+0.010"
.040" u/s shaft	1.019"	+0.010"

**Cam**

1,2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0644		21.97/0.865	F23	3	CH-5-3	<b>3C1030S</b> Std.
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	<b>10</b>
151 2474cc (2.5) Pontiac Eng.	U	L4	4.00 x 3.00	Connecting Rod 30 ft.lbs/41 Nm (except crossflow) Connecting Rod 32 ft.lbs/44 Nm (crossflow) Main Bearing 65 ft.lbs/88 Nm (except crossflow) Main Bearing 70 ft.lbs/95 Nm (crossflow)	<b>4B610A</b> Std. 10 20 30 40

<b>Rod</b>	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	8	2226A IH	<b>4B610A</b> Std. 10 20 30 40
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# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>10 (Cont'd.)</b>									
<b>4B610AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize back version of 4B610A.</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH
<b>4B610P</b> Std. 01 10 20 30 40	<b>Rod - To be superceded by 4B610A when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	8	2226 IH
<b>5M1643P</b> Std. 10 20 30 40	<b>Main - VIN U only.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7132 U
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7157 L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	23.93/0.942	F780	2	7159 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>5M7163P</b> 10 20 30 40	<b>Main - Alternate set to 5M1643P with +.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7132 U
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.42/0.804	F780	4	7157 L
	5 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	24.18/0.952	F780	2	7163 U/L
	<i>Stock not available from fee warehouses.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M7163P</b>									
				Overall Width (Nominal)				Increase in Width	
				.010" u/s shaft				0.952"	+0.010"
				.020" u/s shaft				0.952"	+0.010"
				.030" u/s shaft				0.952"	+0.010"
				.040" u/s shaft				0.952"	+0.010"
<b>3C1305S</b> Std.	<b>Cam - VIN U only.</b>								
	1,2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0644		18.16/0.715	F23	3	CH-20-1
<b>11 ENGINE</b>									
	<b>173 (2.8)</b>	<b>7</b>	<b>V6</b>	<b>3.50 x 2.99</b>	<b>TORQUE SETTINGS</b>				
	<b>173 (2.8)</b>	<b>W</b>	<b>V6</b>	<b>3.50 x 2.99</b>	<b>Connecting Rod 34-40 ft.lbs/47-54 Nm</b>				
	<b>173 (2.8)</b>	<b>X</b>	<b>V6</b>	<b>3.50 x 2.99</b>	<b>Main Bearing 63-74 ft.lbs/85-101 Nm</b>				
	<b>173 (2.8)</b>	<b>Z</b>	<b>V6</b>	<b>3.50 x 2.99</b>					
<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A
<b>6B1238AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B1238A.</b>								
		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH
<b>4M1493P</b> 10 20 30 40	<b>Main - optional set to 4M1494P with +0.010" overflange increase. *See below for dimensional information.</b>								
	1	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L
	2	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L
	3 (FI)	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	24.18/0.952	F780	2	7129 U/L
	4	63.340/2.4937 63.363/2.4946	68.250/2.6870 68.275/2.6880	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1493P</b>									
				Overall Width (Nominal)				Increase in Width	
				.010" u/s shaft				0.952"	+0.010"
				.020" u/s shaft				0.952"	+0.010"
				.030" u/s shaft				0.952"	+0.010"
				.040" u/s shaft				0.952"	+0.010"

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **11**

**Main - For 1980-85 engines with 63.3 mm small journal design.**

1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L
	63.363/2.4946	68.275/2.6880						
2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L
	63.363/2.4946	68.275/2.6880						
3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	23.93/0.942	F780	2	7119 U/L
	63.363/2.4946	68.275/2.6880						
4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L
	63.363/2.4946	68.275/2.6880						

Overflange length remains constant for standard and undersizes.

**Main - for 1985-89 engines with 67.2 mm large journal design.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
	67.264/2.6482	72.174/2.8415						
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
	67.264/2.6482	72.174/2.8415						
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L
	67.264/2.6482	72.174/2.8415						

Overflange length remains constant for standard and undersizes.

**Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
	67.264/2.6482	72.174/2.8415						
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
	67.264/2.6482	72.174/2.8415						
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L
	67.264/2.6482	72.174/2.8415						

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110					
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640	16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010					
4	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110					

**Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110					
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640	18.42/0.725	F23	2	CH-18-2A
	47.490/1.8697	50.825/2.0010					
4	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110					

**ENGINE**

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

189 (3.1) Chevrolet Eng.	D	V6	3.50 x 3.31	Connecting Rod 15 ft.lbs + 75 deg (VIN M only)
189 (3.1) Chevrolet Eng.	J	V6	3.50 x 3.31	Connecting Rod 39 ft.lbs/53 Nm
189 (3.1) Chevrolet Eng.	M	V6	3.50 x 3.31	Main Bearing 37 ft.lbs + 77 deg (VIN M only)
189 (3.1) Chevrolet Eng.	T	V6	3.50 x 3.31	Main Bearing 70 ft.lbs/95 Nm
189 (3.1) Chevrolet Eng. (L82)	M	V6	3.50 x 3.31	

**Rod - High Strength Aluminum Silicon material.**

50.759/1.9984	54.013/2.1265	1.575/0.0620	.027/.0011	18.29/0.720	F810	12	7116A
50.785/1.9994	54.039/2.1275		.105/.0041				

**6B1238A**  
Std. 01 10 20 30 40

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>12 (Cont'd.)</b>									
<b>6B1238AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B1238A.</b>								
		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH
<b>4M2037A</b> Std. .25 .50 .75 1.0	<b>Main - High Strength Aluminum Silicon material. All engines excluding VIN M.</b>								
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
	3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L
<b>4M7122P</b> .25 .50 .75 1.0	<b>Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
	3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M7122P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.25 mm u/s shaft				0.952"		+0.010"			
0.50 mm u/s shaft				0.952"		+0.010"			
0.75 mm u/s shaft				0.952"		+0.010"			
1.00 mm u/s shaft				0.952"		+0.010"			
<b>4M7189A</b> Std. .25 .50 .75 1.0	<b>Main - VIN M - High Strength Aluminum Silicon material.</b>								
	1,4	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			24.80/0.976	F810	4	7187A U/L
	2,3(L)	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			18.75/0.738	F810	3	7188A U/L
	3 (FI)	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			23.93/0.942	F810	1	7189A U
<b>4C1102S</b> Std.	<b>Cam</b>								
	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
<b>4C1102SW</b> Std.	<b>Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.</b>								
	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4
<b>13 ENGINE</b>									
<b>181 (3.0) Buick Eng.</b>		<b>E</b>	<b>V6</b>	<b>3.80 x 2.66</b>	<b>TORQUE SETTINGS</b>				
<b>181 (3.0) Buick Eng.</b>		<b>L</b>	<b>V6</b>	<b>3.80 x 2.66</b>	<b>Connecting Rod 20 ft.lbs/27 Nm +50 deg (204 engines)</b>				
<b>204 (3.3) Buick Eng.</b>		<b>N</b>	<b>V6</b>	<b>3.70 x 3.15</b>	<b>Connecting Rod 40 ft.lbs/54 Nm (181, 231, 252 engines)</b>				
<b>231 (3.8) Buick Eng.</b>		<b>2</b>	<b>V6</b>	<b>3.80 x 3.40</b>	<b>Main Bearing 110 ft.lbs/150 Nm (181, 231, 252 engines)</b>				
<b>231 (3.8) Buick Eng.</b>		<b>3</b>	<b>V6</b>	<b>3.80 x 3.40</b>	<b>Main Bearing 26 ft.lbs/35 Nm + 50 deg (204 engines)</b>				
<b>231 (3.8) Buick Eng.</b>		<b>A</b>	<b>V6</b>	<b>3.80 x 3.40</b>					
<b>231 (3.8) Buick Eng.</b>		<b>B</b>	<b>V6</b>	<b>3.80 x 3.40</b>					
<b>252 (4.1) Buick Eng.</b>		<b>4</b>	<b>V6</b>	<b>3.97 x 3.40</b>					
<b>6B1228P</b> Std. 01 10 20 30 40	<b>Rod - .660" wide bearing for 181, (89-90) 204, (77-88) 231 Type A (even fire), 231 Turbo and 252 engines.</b>								
		57.117/2.2487 57.137/2.2495	60.295/2.3738 60.312/2.3745	1.572/0.0619	.014/.0006 .077/.0030	16.76/0.660	F780	12	2360 IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 13**
**Rod - .002" Oversize OD version of 6B1228P.**

57.117/2.2487	60.346/2.3758	1.724/0.0679	.005/.0002	16.76/0.660	F780	12	9071	6B1228PO/S2 10 20 30 40
57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.078/.0031				IH	

**Rod - for 1991-93 204 Type N engines only.**

57.117/2.2487	60.300/2.3740	1.570/0.0618	.023/.0009	18.30/0.720	F780	12	2306	6B1443P Std. 10 20 30 40
57.137/2.2495	60.312/2.3745		.081/.0032				IH	

**Rod - .002" Oversize OD version of 6B1443P.**

57.117/2.2487	60.351/2.3760	1.722/0.0678	.024/.0009	18.30/0.720	F780	12	9046	6B1443PO/S2 10 20 30 40
57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.082/.0032				IH	

**Main - alt. set to 4M960P with +0.020" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	4M1688P 10 20 30
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L	

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1688P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.078"	+0.020"
.020" u/s shaft	1.078"	+0.020"
.030" u/s shaft	1.078"	+0.020"

**Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	4M1690P 20 30
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L	

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1690P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.098"	+0.040"
.030" u/s shaft	1.098"	+0.040"

**Main - alt. set to 4M960P with +0.010" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	4M1747P 10 20 40
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L	

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1747P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>13 (Cont'd.)</b>										
<b>4M1822P</b> Std. 10 20 30 40	<b>Main - half groove, standard oil clearance for 1991-93 204 engines.</b>									
	1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302 L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302 U	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	26.87/1.058	F780	2	2303 U/L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2305 L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	<b>4M9022P</b> 10 20 30 40	<b>Main - alt. set to 4M1822P with +0.010" overflange length increase for undersizes.* See below for dimensional information.</b>								
		1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302 L
			63.495/2.4998	68.275/2.6880		.081/.0032				
		1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302 U
			63.495/2.4998	68.275/2.6880		.081/.0032				
		2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	27.13/1.068	F780	2	9022 U/L
			63.495/2.4998	68.275/2.6880		.081/.0032				
4		63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2305 L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 4M9022P</b>										
				Overall Width (Nominal)			Increase in Width			
.010" u/s shaft				1.068"			+0.010"			
.020" u/s shaft				1.068"			+0.010"			
.030" u/s shaft				1.068"			+0.010"			
.040" u/s shaft				1.068"			+0.010"			
<b>4M960P</b> Std. 01 10 20 30 40	<b>Main - half groove, standard oil clearance for all engines (204 : 1989-90 only). Set includes modified upper rear main bearing.</b>									
	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015 U/L	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016 L	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019 U	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	26.87/1.058	F780	2	9017 U/L	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>4C1031BS</b> Std.	<b>Cam - grooved O/D on #1 bush - alt. to 4C1031S.</b>								
		1	45.339/1.7850	48.654/1.9155	1.630/0.0642		19.18/0.755	F23	1	B-11-1B
			45.364/1.7860	48.705/1.9175						
		2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	3	B-9-2
			45.364/1.7860	48.705/1.9175						
		<b>4C1031S</b> Std.	<b>Cam - 1975-1985 engines with 14 bolt oil pan.</b>							
1	45.339/1.7850		48.654/1.9155	1.630/0.0642		19.18/0.755	F23	1	B-11-1	
	45.364/1.7860		48.705/1.9175							
2,3,4	45.339/1.7850		48.654/1.9155	1.630/0.0642		15.88/0.625	F23	3	B-9-2	
	45.364/1.7860		48.705/1.9175							
<b>4C1246S</b> Std.	<b>Cam - 1985-93 engines with 20 bolt oil pan.</b>									
	1,4	45.339/1.7850	49.162/1.9355	1.890/0.0743		19.18/0.755	F23	2	B-13-1	
		45.364/1.7860	49.213/1.9375							
	2,3	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	2	B-9-2	
		45.364/1.7860	48.705/1.9175							
	<b>14 ENGINE</b>									
<b>215 (3.5)</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
			<b>V8</b>	<b>3.50 x 2.80</b>	<b>Connecting Rod 30-45 ft.lbs/41-61 Nm</b>					
<b>8B610A</b> Std. 10 20 30 40	<b>Rod</b>	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	16	2226A IH	
		50.813/2.0005	53.980/2.1252		.066/.0026					

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
225 (3.7) Buick Eng.			V6	3.75 x 3.40		<b>Connecting Rod 30-40 ft.lbs/41-54 Nm</b> (1964-67 engines) <b>Connecting Rod 40 ft.lbs/54 Nm</b> (1975-77 engines) <b>Main Bearing 110 ft.lbs/156 Nm</b> (1975-77 VIN C engines) <b>Main Bearing 65-70 ft.lbs/88-95 Nm</b> (1964 225 engines) <b>Main Bearing 95-120 ft.lbs/129-162 Nm</b> (1965 225 engines)			
231 (3.8) Buick Eng.		C	V6	3.80 x 3.40					

**15**
**Rod - High Strength Aluminum Silicon material.**

50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	12	2226A
50.813/2.0005	53.980/2.1252		.066/.0026				IH

**6B610A**  
Std. 10 20 30 40

**Rod - To be superseded by 6B610A when stock exhausted.**

50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F780	12	2226
50.813/2.0005	53.980/2.1252		.066/.0026				IH

**6B610P**  
Std. 01 10 20 30 40

**Main - Alt. set to 4M960P with +0.020" overflange length increase for undersizes. \* See below for dimensional information.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L

**4M1688P**  
10 20 30

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1688P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.078"	+0.020"
.020" u/s shaft	1.078"	+0.020"
.030" u/s shaft	1.078"	+0.020"

**Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes. \* See below for dimensional information.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L

**4M1690P**  
20 30

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1690P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.098"	+0.040"
.030" u/s shaft	1.098"	+0.040"

**Main - Alt. set to 4M960P with +0.010" overflange length increase for undersizes. \*See dimensional information below.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L

**4M1747P**  
10 20 40

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1747P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>15 (Cont'd.)</b>									
<b>4M960P</b> Std. 01 10 20 30 40	<b>Main - half groove, standard oil clearance. Set includes modified upper rear main bearing.</b>								
	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016
		63.500/2.5000	68.275/2.6880		.096/.0038				L
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019
		63.500/2.5000	68.275/2.6880		.096/.0038				U
	2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	26.87/1.058	F780	2	9017
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>4C1031S</b> Std.	<b>Cam - 231 engines.</b>								
	1	45.339/1.7850	48.654/1.9155	1.630/0.0642		19.18/0.755	F23	1	B-11-1
		45.364/1.7860	48.705/1.9175						
	2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	3	B-9-2
45.364/1.7860		48.705/1.9175							
<b>4C506S</b> Std.	<b>Cam - 225 engines.</b>								
	1	44.577/1.7550	47.892/1.8855	1.631/0.0642		19.18/0.755	F23	1	B-6-1
		44.602/1.7560	47.943/1.8875						
	2	43.815/1.7250	47.130/1.8555	1.631/0.0642		19.18/0.755	F23	1	B-4-3
		43.840/1.7260	47.181/1.8575						
	3	43.053/1.6950	46.368/1.8255	1.631/0.0642		19.18/0.755	F23	1	B-4-4
		43.078/1.6960	46.419/1.8275						
	4	42.291/1.6650	45.606/1.7955	1.631/0.0642		19.18/0.755	F23	1	B-4-5
42.316/1.6660		45.657/1.7975							
<b>16 ENGINE</b>									
	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
	<b>231 (3.8) 3800 Series II (Buick Eng.) Supercharged</b>	<b>1</b>	<b>V6</b>	<b>3.80 x 3.40</b>	<b>Connecting Rod 40 ft.lbs/54 Nm</b>				
	<b>231 (3.8) 3800 TPI (Buick Eng.) Supercharged</b>	<b>1</b>	<b>V6</b>	<b>3.80 x 3.40</b>	<b>Main Bearing 110 ft.lbs/150 Nm</b>				
	<b>231 (3.8) 3800 MFI/TPI (Buick Eng.) C</b>	<b>V6</b>	<b>3.80 x 3.40</b>						
	<b>231 (3.8) 3800 Series II (Buick Eng.)</b>	<b>K</b>	<b>V6</b>	<b>3.80 x 3.40</b>					
	<b>231 (3.8) 3800 MFI/TPI (Buick Eng.) L</b>	<b>V6</b>	<b>3.80 x 3.40</b>						
<b>6B1228P</b> Std. 01 10 20 30 40	<b>Rod - .660" wide bearing for 1988-90 231 VIN C engines only.</b>								
		57.117/2.2487	60.295/2.3738	1.572/0.0619	.014/.0006	16.76/0.660	F780	12	2360
	57.137/2.2495	60.312/2.3745		.077/.0030				IH	
<b>6B1228PO/S2</b> 10 20 30 40	<b>Rod - .002" Oversize OD version of 6B1228P.</b>								
		57.117/2.2487	60.346/2.3758	1.724/0.0679	.005/.0002	16.76/0.660	F780	12	9071
	57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.078/.0031				IH	
<b>6B1443P</b> Std. 10 20 30 40	<b>Rod - for all engines (excluding 1988-90 231 VIN C engines).</b>								
		57.117/2.2487	60.300/2.3740	1.570/0.0618	.023/.0009	18.30/0.720	F780	12	2306
	57.137/2.2495	60.312/2.3745		.081/.0032				IH	
<b>6B1443PO/S2</b> 10 20 30 40	<b>Rod - .002" Oversize OD version of 6B1443P.</b>								
		57.117/2.2487	60.351/2.3760	1.722/0.0678	.024/.0009	18.30/0.720	F780	12	9046
	57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.082/.0032				IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 16**
**Main - alt. set to 4M960P with +0.020" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L
	63.500/2.5000	68.275/2.6880						

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1688P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.078"	+0.020"
.020" u/s shaft	1.078"	+0.020"
.030" u/s shaft	1.078"	+0.020"

**Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L
	63.500/2.5000	68.275/2.6880						

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1690P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.098"	+0.040"
.030" u/s shaft	1.098"	+0.040"

**Main - alt. set to 4M960P with +0.010" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L
	63.500/2.5000	68.275/2.6880						
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U
	63.500/2.5000	68.275/2.6880						
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L
	63.500/2.5000	68.275/2.6880						

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1747P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

**Main - half groove, standard oil clearance for all 1991-93 engines only.**

1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302 L
	63.495/2.4998	68.275/2.6880						
1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302 U
	63.495/2.4998	68.275/2.6880						
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303 U/L
	63.495/2.4998	68.275/2.6880						
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305 L
	63.495/2.4998	68.275/2.6880						

*Overflange length remains constant for standard and undersizes.*
**4M1688P**  
10 20 30

**4M1690P**  
20 30

**4M1747P**  
10 20 40

**4M1822P**  
Std. 10 20 30 40

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>16 (Cont'd.)</b>										
<b>4M2021P</b> Std. 10 20 30 40	<b>Main - for 1994 engines only.</b>									
	1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302 L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302 U	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	26.87/1.058	F780	2	2303 U/L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2309 L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>4M2022P</b> Std. 10 20 30 40	<b>Main - for all engines 1995-99.</b>								
		1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2299 L
			63.495/2.4998	68.275/2.6880		.081/.0032				
1,3,4		63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302 U	
		63.495/2.4998	68.275/2.6880		.081/.0032					
2 (FI)		63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	26.87/1.058	F780	2	2303 U/L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
4		63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2309 L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>4M9022P</b> 10 20 30 40		<b>Main - alt. set to 4M1822P with +0.010" overflange length increase for undersizes.* See below for dimensional information.</b>								
		1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302 L
			63.495/2.4998	68.275/2.6880		.081/.0032				
	1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302 U	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	27.13/1.068	F780	2	9022 U/L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2305 L	
		63.495/2.4998	68.275/2.6880		.081/.0032					
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M9022P</b>									
					<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
					.010" u/s shaft		1.068"			
				.020" u/s shaft		1.068"				+0.010"
				.030" u/s shaft		1.068"				+0.010"
				.040" u/s shaft		1.068"				+0.010"
<b>4M960P</b> Std. 01 10 20 30 40	<b>Main - half groove, standard oil clearance for 1988-90 231 VIN C engines only. Set includes modified upper rear main bearing.</b>									
	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015 U/L	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016 L	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019 U	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	26.87/1.058	F780	2	9017 U/L	
		63.500/2.5000	68.275/2.6880		.096/.0038					
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>4C1246S</b> Std.	<b>Cam - for 1988-95 engines only.</b>								
		1,4	45.339/1.7850	49.162/1.9355	1.890/0.0743		19.18/0.755	F23	2	B-13-1
			45.364/1.7860	49.213/1.9375						
2,3		45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	2	B-9-2	
		45.364/1.7860	48.705/1.9175							
<b>Cam - for engines 1996-99 (Full round design).</b>										
<b>4C1812S</b> Std.	1,4	46.858/1.8448	50.686/1.9955	1.882/0.0741		18.92/0.745	F23	2	B-14-1	
		46.893/1.8462	50.711/1.9965							
	2,3	46.858/1.8448	50.178/1.9755	1.628/0.0641		16.00/0.630	F23	2	B-14-2	
		46.893/1.8462	50.228/1.9775							

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 16</b>									
<b>Cam - for engines 1996-99 (OE split type design).</b>									
1,4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.737/1.9975	1.870/0.0736	.053/.0021 .165/.0065	19.00/0.748	F250	2	5108	<b>4C5108</b> Std. 10
2,3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.229/1.9775	1.613/0.0635	.059/.0023 .171/.0067	15.75/0.620	F250	2	5109	
<b>Cam Tower - Repair Insert for 1988-94 231 engines.</b>									
2,3	45.339/1.7850 45.364/1.7860	49.836/1.9620 49.861/1.9630	2.230/0.0878	.012/.0005 .088/.0035	15.75/0.620	F250	1	19549	<b>1SC19549</b> Std. 10
<b>Cam Tower - Repair Insert for 1988-94 231 engines.</b>									
1,4	45.339/1.7850 54.364/2.1403	49.836/1.9620 49.861/1.9630	2.230/0.0878	.012/.0005 .088/.0035	19.00/0.748	F250	1	19580	<b>1SC19580</b> Std. 10
<b>Cam Tower - Repair Insert for 1995-99 231 engines.</b>									
1,4	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.179/0.0858	.032/.0013 .118/.0046	19.00/0.748	F250	1	19581	<b>1SC19581</b> Std. 10
<b>Cam Tower - Repair Insert for 1995-99 231 engines.</b>									
2,3	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.176/0.0857	.038/.0015 .124/.0049	15.75/0.620	F250	1	19582	<b>1SC19582</b> Std. 10
<b>Small End - for 231 engines 1995-99 (Exc. supercharged engines).</b>									
	21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.500/0.0591	.007/.0003 .022/.0009	21.20/0.835	F100	1	RB4106	<b>RB4106</b> Semi
<i>Bore allowance on the ID.</i>									
<b>Small End - for 231 engines 1995-99 (Exc. supercharged engines).</b>									
	21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.360/0.0535		21.20/0.835	F100	1	RB4106-R	<b>RB4106-R</b> Ream
<i>Ream allowance on the ID.</i>									

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
207 (3.4) OHV	E	V6	3.62 x 3.31	<b>Connecting Rod 15 ft.lbs + 75 deg</b> (1995 on) <b>Connecting Rod 39 ft.lbs/53 Nm</b> (1991-94) <b>Main Bearing 37 ft.lbs + 75 deg</b> (Bolt) <b>Main Bearing 39 ft.lbs/53 Nm</b> (Nut)
207 (3.4) DOHC	X	V6	3.62 x 3.31	

<b>Rod - High Strength Aluminum Silicon material.</b>									
	50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A	<b>6B1238A</b> Std. 01 10 20 30 40
<b>Rod - .002" oversize OD version of 6B1238A.</b>									
	50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH	<b>6B1238AO/S2</b> 10 20 30 40
<b>Main - High Strength Aluminum Silicon material.</b>									
1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L	<b>4M2037A</b> Std. .25 .50 .75 1.0
2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L	
3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L	
<b>Cam - OHV (VIN E) engines only.</b>									
1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102S</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	
<b>Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.</b>									
1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102SW</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>17 (Cont'd.)</b>										
<b>AR Auxiliary - DOHC engines only.</b>										
4C6001S Std.	1	47.440/1.8677 47.490/1.8697	51.054/2.0100	1.755/0.0691		29.77/1.172	F23	1	CHG-22-1	
	2,3	47.440/1.8677 47.490/1.8697	50.787/1.9995	1.626/0.0640		16.00/0.630	F23	2	CH-18-2	
	4	47.440/1.8677 47.490/1.8697	51.041/2.0095	1.755/0.0691		15.87/0.625	F23	1	CH-18-4	
<b>18 ENGINE</b>										
250 (4.1) Chevrolet Eng.		VIN L6		Bore x Stroke		TORQUE SETTINGS				
250 (4.1) Chevrolet Eng.		D L6		3.88 x 3.53		Connecting Rod 35-45 ft.lbs/48-61 Nm Main Bearing 60-70 ft.lbs/81-95 Nm				
<b>6B745P</b>										
Std. 01 10 20 30 40	Rod		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	12	2370 IH
	<b>7M617P</b>									
Std. 10 20 30 40	Main		58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	12	7132 U/L
	7 (FI)	58.377/2.2983 58.402/2.2993		63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Cam - engines from 1966-1970.</b>										
4C399S Std.	1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	2	CH-5-2	
	2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3	
<b>Cam - engines from 1971-76.</b>										
4C718S Std.	1,2,3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	4	CH-5-3	
<b>19 ENGINE</b>										
256 (4.2)		VIN S L6		Bore x Stroke		TORQUE SETTINGS				
256 (4.2)				93.04mm x 102mm		Connecting Rod 18 ft.lbs + 110 deg Main Bearing 18 ft.lbs + 180 deg				
<b>6B2290A</b>										
Std. .25 .50 .75 1.0	Rod		56.691/2.2319 56.707/2.2326	60.322/2.3749 60.338/2.3755	1.798/0.0708	.011/.0004 .059/.0023	20.75/0.817	F810	12	2290A IH
	<b>6B2290AO/S2</b>									
.25 .50 .75 1.0	Rod - .002" oversize OD version of 6B2290A.		56.691/2.2319 56.707/2.2326	60.372/2.3768 60.388/2.3775	1.952/0.0769 (@ .25mm u/s)	.011/.0004 .059/.0023	20.75/0.817	F810	12	9102A IH
	<b>7M2224A</b>									
Std. 10 20	Main		69.967/2.7546 69.982/2.7552	78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	20.68/0.814	F820	12	MB3781P U/L
	5 (FI)	69.967/2.7546 69.982/2.7552		78.069/3.0736 78.087/3.0743	4.044/0.1592	.007/.0003 .050/.0020	25.35/0.998	F820	2	MB3782P U/L
<b>Small End</b>										
AB3664 Semi			22.997/0.9054 23.000/0.9055	25.857/1.0180	1.372/0.0540		23.75/0.935	F100	1	223-3664
<b>20 ENGINE</b>										
260 (4.3) Diesel		VIN T V6		Bore x Stroke		TORQUE SETTINGS				
260 (4.3) Diesel		V V6		4.057 x 3.585		Connecting Rod 42 ft.lbs/57 Nm Main Bearing 107 ft.lbs/146 Nm (1982 engines) Main Bearing 89 ft.lbs/121 Nm (1983-85 engines)				
<b>6B8510P</b>										
Std. 10 20 30	Rod		57.125/2.2490 57.150/2.2500	60.305/2.3742 60.325/2.3750	1.570/0.0618	.013/.0005 .064/.0025	22.23/0.875	F780	12	CB1366P IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 20**
**Main**

1	76.182/2.9993	80.975/3.1880	2.380/0.0936	.020/.0008	24.89/0.980	F780	2	MB2362P U/L	<b>4M1616P</b> Std. 10
	76.208/3.0003	81.001/3.1890		.097/.0038					
2	76.182/2.9993	80.975/3.1880	2.380/0.0936	.020/.0008	24.87/0.979	F780	2	MB2163P IH	
	76.208/3.0003	81.001/3.1890		.097/.0038					
3 (FI)	76.182/2.9993	80.975/3.1880	2.380/0.0936	.020/.0008	30.35/1.195	F780	2	MB2363P IH	
	76.208/3.0003	81.001/3.1890		.097/.0038					
4	76.182/2.9993	80.975/3.1880	2.370/0.0932	.046/.0018	32.26/1.270	F780	2	MB2964P U/L	
	76.208/3.0003	81.001/3.1890		.086/.0034					

*Overflange length remains constant for standards and undersizes.*
**Cam**

1	51.707/2.0357	55.062/2.1678	1.640/0.0646		17.60/0.693	F23	1	O-7-1	<b>4C1247S</b> Std.
	51.727/2.0365	55.113/2.1698							
2	51.199/2.0157	54.554/2.1478	1.640/0.0646		17.60/0.693	F23	1	O-6-2	
	51.219/2.0165	54.605/2.1498							
3	50.691/1.9957	54.046/2.1278	1.640/0.0646		17.60/0.693	F23	1	O-6-3	
	50.711/1.9965	54.097/2.1298							
4	50.183/1.9757	53.538/2.1078	1.640/0.0646		17.60/0.693	F23	1	O-6-4	
	50.203/1.9765	53.589/2.1098							

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**21**

<b>260 (4.3) Gas</b>	<b>8</b>	<b>V8</b>	<b>3.50 x 3.39</b>	<b>Connecting Rod 30-42 ft.lbs/41-57 Nm (1964-73 only)</b>
<b>260 (4.3) Gas</b>	<b>F</b>	<b>V8</b>	<b>3.50 x 3.39</b>	<b>Connecting Rod 42 ft.lbs/57 Nm (1974-90 only)</b>
<b>307 (5.0)</b>	<b>9</b>	<b>V8</b>	<b>3.80 x 3.39</b>	<b>Main Bearing 120 ft.lbs/163 Nm (1974-90 rear bearing cap)</b>
<b>307 (5.0)</b>	<b>Y</b>	<b>V8</b>	<b>3.80 x 3.39</b>	<b>Main Bearing 60-80 ft.lbs/81-108 Nm (1964-73 except rear bearing)</b>
<b>330 (5.4)</b>		<b>V8</b>	<b>3.94 x 3.39</b>	<b>Main Bearing 80 ft.lbs/108 Nm (1974-90 except rear bearing)</b>
<b>350 (5.7)</b>		<b>V8</b>	<b>4.06 x 3.39</b>	<b>Main Bearing 90-120 ft.lbs/122-163 Nm (1964-73 rear bearing cap)</b>
<b>350 (5.7)</b>	<b>H</b>	<b>V8</b>	<b>4.06 x 3.39</b>	
<b>350 (5.7)</b>	<b>K</b>	<b>V8</b>	<b>4.06 x 3.39</b>	
<b>350 (5.7)</b>	<b>M</b>	<b>V8</b>	<b>4.06 x 3.39</b>	
<b>350 (5.7)</b>	<b>R</b>	<b>V8</b>	<b>4.06 x 3.39</b>	
<b>403 (6.6)</b>	<b>K</b>	<b>V8</b>	<b>4.35 x 3.39</b>	

**Rod**

	53.945/2.1238	57.137/2.2495	1.572/0.0619	.023/.0009	21.11/0.831	F780	16	8500 IH	<b>8B684P</b> Std. 10 20 30 40
		53.970/2.1248		57.150/2.2500					

**Rod - .002" oversize OD version of 8B684P.**

	53.945/2.1238	57.188/2.2515	1.724/0.0679 (@ .010" u/s)	.024/.0009	21.11/0.831	F780	16	9041 IH
		53.970/2.1248		57.201/2.2520				

**Main**

1(L)	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004	24.76/0.975	F780	1	8502 L	<b>5M805P</b> Std. 10 20 30 40
	63.487/2.4995	68.275/2.6880		.084/.0033					
1(U),2,4	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004	24.76/0.975	F780	5	8505 IH	
	63.487/2.4995	68.275/2.6880		.084/.0033					
3 (FI)	63.457/2.4983	68.250/2.6870	2.377/0.0936	.009/.0004	30.35/1.195	F780	2	8503 IH	
	63.482/2.4993	68.275/2.6880		.084/.0033					
5	63.462/2.4985	68.250/2.6870	2.377/0.0936	.009/.0004	41.37/1.629	F780	2	8504 U/L	
	63.487/2.4995	68.275/2.6880		.084/.0033					

*Overflange length remains constant for standard and undersizes.*

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 21 (Cont'd.)

**Main - optional set to 5M805P with +0.010" overflange length increase for undersizes. \* See below for dimensional information.**

<b>5M8603P</b> 10 20 30 40	1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L
	1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH
	3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.61/1.205	F780	2	8603 IH
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L

Stock not available from fee warehouses.

### \* DIMENSIONAL INFORMATION FOR 5M8603P

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.205"	+0.010"
.020" u/s shaft	1.205"	+0.010"
.030" u/s shaft	1.205"	+0.010"
.040" u/s shaft	1.205"	+0.010"

### Cam - engines 1977-90.

<b>5C1088S</b> Std.	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5

### Cam - engines 1964-1976.

<b>5C638S</b> Std.	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-6-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5

### Small End - for 307 engines only. Single pieces with bore allowance.

<b>RB3049YA20</b> Semi	24.933/0.9816 (Finish ID Bore Size)	27.534/1.0840 (Nominal)			23.37/0.920	F100	1	3049YA20
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## 22 ENGINE

**260 (4.3) Diesel**  
**350 (5.7) Diesel**

**VIN** P V8 3.50 x 3.39  
N V8 4.06 x 3.39

### TORQUE SETTINGS

**Connecting Rod 42 ft.lbs/57 Nm**  
**Main Bearing 120 ft.lbs/163 Nm**

<b>8B684P</b> Std. 10 20 30 40	<b>Rod</b>	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH
	<b>Rod - .002" oversize OD version of 8B684P.</b>	53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **22**

**Main**

1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8507 L
	76.208/3.0003	81.001/3.1890						
1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8512 U
	76.208/3.0003	81.001/3.1890						
2,4	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	4	8512 IH
	76.208/3.0003	81.001/3.1890						
3 (Fl)	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	30.38/1.196	F780	2	8508 IH
	76.208/3.0003	81.001/3.1890						
5	76.175/2.9990	80.975/3.1880	2.377/0.0936	.013/.0005	41.28/1.625	F780	2	8509 U/L
	76.200/3.0000	81.001/3.1890						

**5M804P**  
Std. 10 20 30 40

Overflange length remains constant for standard and undersizes.

**Main - optional set to 5M804P with +0.010" overflange length increase. \*See below for dimensional information.**

1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8507 L
	76.208/3.0003	81.001/3.1890						
1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8512 U
	76.208/3.0003	81.001/3.1890						
2,4	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	4	8512 IH
	76.208/3.0003	81.001/3.1890						
3 (Fl)	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	30.63/1.206	F780	2	8519 IH
	76.208/3.0003	81.001/3.1890						
5	76.175/2.9990	80.975/3.1880	2.377/0.0936	.013/.0005	41.28/1.625	F780	2	8509 U/L
	76.200/3.0000	81.001/3.1890						

**5M8519P**  
20 30 40

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M8519P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.206"	+0.010"
.030" u/s shaft	1.206"	+0.010"
.040" u/s shaft	1.206"	+0.010"

**Cam**

1	51.707/2.0357	55.067/2.1680	1.640/0.0646	17.60/0.693	F23	1	O-7-1
	51.727/2.0365	55.105/2.1695					
2	51.199/2.0157	54.560/2.1480	1.640/0.0646	17.60/0.693	F23	1	O-6-2
	51.219/2.0165	54.597/2.1495					
3	50.691/1.9957	54.051/2.1280	1.640/0.0646	17.60/0.693	F23	1	O-6-3
	50.711/1.9965	54.090/2.1295					
4	50.183/1.9757	53.543/2.1080	1.640/0.0646	17.60/0.693	F23	1	O-6-4
	50.203/1.9765	53.581/2.1095					
5	49.675/1.9557	53.035/2.0880	1.640/0.0646	17.60/0.693	F23	1	O-6-5
	49.695/1.9565	53.073/2.0895					

**5C1088S**  
Std.

**Small End - 350 engines only. Single pieces, not bored.**

	30.353/1.1950	1.575/0.0620	24.77/0.975	F100	1	02495
	30.391/1.1965					

**AB02495**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
262 (4.3) Chevrolet Eng.	W	V6	4.000 x 3.484	Connecting Rod 45 ft.lbs/61 Nm Main Bearing 70 ft.lbs/95 Nm
262 (4.3) Chevrolet Eng.	Z	V6	4.000 x 3.484	

**23**

**Rod - High Strength Aluminum Silicon material.**

	57.130/2.2492	60.317/2.3747	1.575/0.0620	.022/.0009	18.92/0.745	F810	12	7111A
	57.145/2.2498	60.342/2.3757						

**6B1358A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 6B1358A.**

	57.130/2.2492	60.368/2.3767	1.613/0.0635	.022/.0009	18.92/0.745	F810	12	9042A IH
	57.145/2.2498	60.393/2.3777						

**6B1358AO/S2**  
10 20 30 40

**Rod**

	57.130/2.2492	60.317/2.3747	1.575/0.0620	.022/.0009	18.92/0.745	F780	12	7111 IH
	57.145/2.2498	60.342/2.3757						

**6B1358P**  
Std. 01 10 20 30 40 50 60

**Rod - .002" oversize OD version of 6B1358P.**

	57.130/2.2492	60.368/2.3767	1.600/0.0630	.023/.0009	18.92/0.745	F780	12	9040 IH
	57.145/2.2498	60.393/2.3777						

**6B1358PO/S2**  
Std. 10 20 30 40

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>23 (Cont'd.)</b>									
<b>Main - High Strength Aluminum Silicon material.</b>									
<b>4M1454A</b> Std. 01 10 20 30 40	1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F810	6	2377A
		62.212/2.4493	67.094/2.6415		.079/.0031				U/L
	4	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	43.64/1.718	F810	2	2378A
		62.200/2.4488	67.094/2.6415		.091/.0036				U/L
<b>Main</b>									
<b>4M1454P</b> Std. 01 10 20 30 40	1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F780	6	2377
		62.212/2.4493	67.094/2.6415		.079/.0031				U/L
	4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	43.64/1.718	F780	2	2378
		62.200/2.4488	67.094/2.6415		.091/.0036				U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - optional set to 4M1454P with +0.020" overflange length increase. *See dimensional information below.</b>									
<b>4M1628P</b> 10 20 30 40	1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F780	6	2377
		62.212/2.4493	67.094/2.6415		.079/.0031				U/L
	4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	44.15/1.738	F780	2	2379
		62.200/2.4488	67.094/2.6415		.091/.0036				U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1628P</b>									
<b>Overall Width (Nominal)      Increase in Width</b>									
.010" u/s shaft                      1.738"                      +0.020"									
.020" u/s shaft                      1.738"                      +0.020"									
.030" u/s shaft                      1.738"                      +0.020"									
.040" u/s shaft                      1.738"                      +0.020"									
<b>Main - optional set to 4M1454P with +0.040" overflange length increase. *See dimensional information below.</b>									
<b>4M1684P</b> 20 30 40	1,2,3	62.189/2.4484	67.071/2.6406	2.426/0.0955	.007/.0003	20.50/0.807	F780	6	2377
		62.212/2.4493	67.094/2.6415		.079/.0031				U/L
	4 (FI)	62.177/2.4479	67.071/2.6406	2.426/0.0955	.020/.0008	44.65/1.758	F780	2	2355
		62.200/2.4488	67.094/2.6415		.091/.0036				U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M1684P</b>									
<b>Overall Width (Nominal)      Increase in Width</b>									
.020" u/s shaft                      1.758"                      +0.040"									
.030" u/s shaft                      1.758"                      +0.040"									
.040" u/s shaft                      1.758"                      +0.040"									
<b>Cam - for engines without ID number "T" on front of block.</b>									
<b>4C1089S</b> Std.	1	47.452/1.8682	51.283/2.0190	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
		47.478/1.8692	51.333/2.0210						
	2,4	47.452/1.8682	51.029/2.0090	1.763/0.0694		18.92/0.745	F23	2	CH-4-2
		47.478/1.8692	51.079/2.0110						
	3	47.452/1.8682	50.775/1.9990	1.640/0.0646		18.92/0.745	F23	1	CH-4-3
		47.478/1.8692	50.825/2.0010						
<b>Cam - for engines with ID number "T" on front of block.</b>									
<b>4C1351S</b> Std.	1,4	47.452/1.8682	51.283/2.0190	1.890/0.0744		19.05/0.750	F23	2	CH-4-1
		47.478/1.8692	51.333/2.0210						
	2	47.452/1.8682	50.775/1.9990	1.640/0.0646		19.05/0.750	F23	1	CH-4-3
		47.478/1.8692	50.825/2.0010						
	3	47.452/1.8682	51.029/2.0090	1.763/0.0694		19.05/0.750	F23	1	CH-4-2
		47.478/1.8692	51.079/2.0110						
<b>Balance Shaft - Excludes engines with Roller Bearings.</b>									
<b>1BS1400S</b> Std.	Rear	38.064/1.4986	47.587/1.8735	4.724/0.1860	.013/.0005	21.21/0.835	F23	1	CHG-15A
		38.100/1.5000	47.612/1.8745		.050/.0020				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
267 (4.4) Chevrolet Eng.		J	V8	3.50 x 3.48		Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)			
305 (5.0) Chevrolet Eng.		E	V8	3.74 x 3.48		Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)			
305 (5.0) Chevrolet Eng.		G	V8	3.74 x 3.48		Main Bearing 75 ft.lbs/102 Nm			
305 (5.0) Chevrolet Eng.		H	V8	3.74 x 3.48					
305 (5.0) Chevrolet Eng.		U	V8	3.74 x 3.48					
350 (5.7) Chevrolet Eng.		7	V8	4.00 x 3.48					
350 (5.7) Chevrolet Eng.		G	V8	4.00 x 3.48					
350 (5.7) Chevrolet Eng.		L	V8	4.00 x 3.48					

**24**
**Rod - High Strength Aluminum Silicon material.**

53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F810	16	2376A
53.340/2.1000	56.520/2.2252		.081/.0032				

**8B663A**  
Std. 01 10 20 30 40

**Rod - .002" oversize OD version of 8B663A.**

53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F810	16	9026A
53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH

**8B663AO/S2**  
10 20 30 40

**Rod - standard oil clearance.**

53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F780	16	2376
53.340/2.1000	56.520/2.2252		.081/.0032				IH

**8B663P**  
Std. 01 10 20 30 40 50 60

**Rod - .002" oversize OD version of 8B663P.**

53.315/2.0990	56.558/2.2267	1.727/0.0680	.018/.0007	21.25/0.837	F780	16	9026
53.340/2.1000	56.571/2.2272	(@ .010" u/s)	.082/.0032				IH

**8B663PO/S2**  
10 20 30 40

**Main - optional set to 5M909P with +0.020" overflange length increase. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484	67.071/2.6406	2.426/0.0955	.008/.0003	20.50/0.807	F780	8	2377
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
5 (FI)	62.174/2.4478	67.071/2.6406	2.426/0.0955	.020/.0008	44.15/1.738	F780	2	2379
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**5M1626P**  
10 20 30 40 50 60

Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".

**\* DIMENSIONAL INFORMATION FOR 5M1626P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.738"	+0.020"
.020" u/s shaft	1.738"	+0.020"
.030" u/s shaft	1.738"	+0.020"
.040" u/s shaft	1.738"	+0.020"
.050" u/s shaft	1.738"	+0.020"
.060" u/s shaft	1.738"	+0.020"

**Main - optional set to 5M909P with +0.040" overflange length increase. \*See below for dimensional information.**

1,2,3,4	62.189/2.4484	67.071/2.6406	2.426/0.0955	.008/.0003	20.50/0.807	F780	8	2377
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
5 (FI)	62.174/2.4478	67.071/2.6406	2.426/0.0955	.020/.0008	1.76/0.069	F780	2	2355
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**5M1683P**  
20 30 40

Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".

**\* DIMENSIONAL INFORMATION FOR 5M1683P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.758"	+0.040"
.030" u/s shaft	1.758"	+0.040"
.040" u/s shaft	1.758"	+0.040"

**Main - optional set to 5M909P with +0.010" overflange length increase. \*See dimensional information below.**

1,2,3,4	62.189/2.4484	67.071/2.6406	2.426/0.0955	.008/.0003	20.50/0.807	F780	8	2377
	62.212/2.4493	67.094/2.6415		.079/.0031				U/L
5 (FI)	62.174/2.4478	67.071/2.6406	2.426/0.0955	.020/.0008	43.89/1.728	F780	2	2365
	62.200/2.4488	67.094/2.6415		.091/.0036				U/L

**5M1744P**  
10 20 30 40 50 60

Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".

**\* DIMENSIONAL INFORMATION FOR 5M1744P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.728"	+0.010"
.020" u/s shaft	1.728"	+0.010"
.030" u/s shaft	1.728"	+0.010"
.040" u/s shaft	1.728"	+0.010"
.050" u/s shaft	1.728"	+0.010"
.060" u/s shaft	1.728"	+0.010"

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>24 (Cont'd.)</b>									
<b>5M909A</b> Std. 01 10 20 30 40	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F810	8	2377A U/L
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L
<b>5M909P</b> Std. 01 10 20 30 40 50 60	<b>Main - half groove. Standard oil clearance.</b>								
	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L
<i>Overflange length remains constant for standard and undersizes. Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".</i>									
<b>1C3346C</b> Std.	<b>Cam - Single piece from 5C3346C set.</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346
<b>1C3349C</b> Std.	<b>Cam - Single piece from 5C3349C set (#1 position cam).</b>								
		47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
<b>5C004AS</b> Std.	<b>Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536
<b>5C004BS</b> Std.	<b>Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.</b>								
	1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537
<b>5C290S</b> Std.	<b>Cam - standard housing bores.</b>								
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2
<b>5C3346C</b> Std.	<b>Cam - All housing bores constant at 1.9990"/2.0010" (High Performance).</b>								
	1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346
	<b>Cam - standard housing bores (High Performance).</b>								
<b>5C3349C</b> Std.	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346
<b>25 ENGINE</b>									
301 (4.9) Pontiac Eng		VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
		Y	V8	4.00 x 3.00	Connecting Rod 35 ft.lbs/48 Nm Main Bearing 100 ft.lbs/136 Nm (rear bearing) Main Bearing 70 ft.lbs/95 Nm (except rear bearing)				
<b>4B610AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B610A (2 sets required per engine).</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH
<b>4B610PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B610P (2 sets required per engine). To be superceded by 4B610AO/S2 when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/s)	.015/.0006 .067/.0026	18.84/0.742	F780	8	9070 IH
<b>8B610A</b> Std. 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	16	2226A IH
<b>8B610P</b> Std. 01 10 20 30 40	<b>Rod - To be superceded by 8B610A when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	16	2226 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 25**
**Main**

1,2,3	76.187/2.9995	80.975/3.1880	2.375/0.0935	.012/.0005	21.97/0.865	F780	6	7134	<b>5M1415P</b> Std. 10 20 30 40
	76.213/3.0005	81.001/3.1890							
4 (FI)	76.187/2.9995	80.975/3.1880	2.375/0.0935	.012/.0005	26.87/1.058	F780	2	7135	
	76.213/3.0005	81.001/3.1890							
5	76.175/2.9990	80.975/3.1880	2.382/0.0938	.011/.0004	40.38/1.590	F780	2	7136	
	76.200/3.0000	81.001/3.1890							

*Overflange length remains constant for standard and undersizes.*
**Cam**

1-5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/0.0646		17.40/0.685	F23	5	P-3-2	<b>5C292S</b> Std.
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**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**26**
**350 (5.7) Buick Eng.  
350 (5.7) Buick Eng.**
**H V8 3.80 x 3.85  
J V8 3.80 x 3.85**
**Connecting Rod 35 ft.lbs/48 Nm  
Main Bearing 95 ft.lbs/129 Nm**
**Rod - .002" oversize OD version of 8B610A (2 sets required per engine).**

	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F810	8	9070A	<b>4B610AO/S2</b> 10 20 30 40
	50.813/2.0005	54.031/2.1272	(@ .010" u/size)	.067/.0026				IH	

**Rod - .002" oversize OD version of 8B610P (2 sets required per engine). To be superceded by 4B610AO/S2 when stock exhausted.**

	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F780	8	9070	<b>4B610PO/S2</b> 10 20 30 40
	50.813/2.0005	54.031/2.1272	(@ .010" u/s)	.067/.0026				IH	

**Rod - High Strength Aluminum Silicon material.**

	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	16	2226A	<b>8B610A</b> Std. 10 20 30 40
	50.813/2.0005	53.980/2.1252		.066/.0026				IH	

**Rod - To be superceded by 8B610A when stock exhausted.**

	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F780	16	2226	<b>8B610P</b> Std. 01 10 20 30 40
	50.813/2.0005	53.980/2.1252		.066/.0026				IH	

**Main - half groove, standard oil clearance.**

1,2,4	76.187/2.9995	80.975/3.1880	2.370/0.0935	.020/.0008	22.10/0.870	F780	6	7134	<b>5M1457P</b> Std. 10 20 30
	76.213/3.0005	81.001/3.1890							
3 (FI)	76.187/2.9995	80.975/3.1880	2.370/0.0935	.020/.0008	26.87/1.058	F780	2	7135	
	76.213/3.0005	81.001/3.1890							
5	76.187/2.9995	80.975/3.1880	2.370/0.0935	.020/.0008	22.10/0.870	F780	2	7137	
	76.213/3.0005	81.001/3.1890							

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1	<b>5C680S</b> Std.
2-5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	4	B-9-2	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**27**
**400 (6.6) Pontiac Eng.  
400 (6.6) Pontiac Eng.**
**R V8 4.12 x 3.75  
S V8 4.12 x 3.75**
**Connecting Rod 45 ft.lbs/61 Nm  
Main Bearing 120 ft.lbs/163 Nm (rear bearing cap only)  
Main Bearing 95 ft.lbs/129 Nm (except rear bearing cap)**
**Rod**

	57.117/2.2487	60.312/2.3745	1.572/0.0619	.026/.0010	22.37/0.881	F780	16	7140	<b>8B758P</b> Std. 10 20 30 40
	57.142/2.2497	60.325/2.3750		.090/.0035				IH	

# OLDSMOBILE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>27 (Cont'd.)</b>									
<b>Main - Alt set to 5M496P with +0.010" overflange length increase. * See below for dimensional information.</b>									
<b>5M2496P</b> 10 20 30 40	1,2,3	76.175/2.9990	80.975/3.1880	2.382/0.0938	.011/.0004	23.82/0.938	F780	6	7138
		76.200/3.0000	81.001/3.1890		.088/.0035				U/L
	4 (FI)	76.175/2.9990	80.975/3.1880	2.382/0.0938	.009/.0004	29.10/1.146	F780	2	7149
		76.200/3.0000	81.001/3.1890		.086/.0034				U/L
	5	76.175/2.9990	80.975/3.1880	2.382/0.0938	.011/.0004	40.38/1.590	F780	2	7136
		76.200/3.0000	81.001/3.1890		.088/.0035				U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M2496P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.010" u/s shaft	1.146"	+0.010"			
				.020" u/s shaft	1.146"	+0.010"			
				.030" u/s shaft	1.146"	+0.010"			
				.040" u/s shaft	1.146"	+0.010"			
<b>Main - Half Groove</b>									
<b>5M483G</b> Std. 10 20 30	1,2,3	76.175/2.9990	80.975/3.1880	2.382/0.0938	.018/.0007	23.95/0.943	F780	6	MB1889G
		76.200/3.0000	81.000/3.1890		.084/.0033				U/L
	4 (FI)	76.175/2.9990	80.975/3.1880	2.382/0.0938	.017/.0007	28.82/1.135	F780	2	MB1890G
		76.200/3.0000	81.000/3.1890		.083/.0033				U/L
	5	76.175/2.9990	80.975/3.1880	2.382/0.0938	.018/.0007	40.51/1.595	F780	2	MB1891P
		76.200/3.0000	81.000/3.1890		.095/.0037				U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - Full Groove</b>									
<b>5M496P</b> Std. 10 20 30 40	1,2,3	76.175/2.9990	80.975/3.1880	2.382/0.0938	.011/.0004	23.82/0.938	F780	6	7138
		76.200/3.0000	81.001/3.1890		.088/.0035				U/L
	4 (FI)	76.175/2.9990	80.975/3.1880	2.382/0.0938	.009/.0004	28.85/1.136	F780	2	7139
		76.200/3.0000	81.001/3.1890		.086/.0034				U/L
	5	76.175/2.9990	80.975/3.1880	2.382/0.0938	.011/.0004	40.38/1.590	F780	2	7136
		76.200/3.0000	81.001/3.1890		.088/.0035				U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Cam</b>									
<b>5C292S</b> Std.	1-5	48.240/1.8992	51.554/2.0297	1.640/0.0646		17.40/0.685	F23	5	P-3-2
		48.252/1.8997	51.605/2.0317						
<b>28 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
400 (6.6)			V8	4.00 x 3.98	<b>Connecting Rod 32-42 ft.lbs/44-57 Nm</b>				
425 (7.0)			V8	4.13 x 3.98	<b>Main Bearing 120 ft.lbs/163 Nm (1965-67 rear bearing)</b>				
455 (7.5)			V8	4.13 x 4.25	<b>Main Bearing 80 ft.lbs/108 Nm (1965-67 except rear bearing)</b>				
455 (7.5)		R	V8	4.13 x 4.25	<b>Main Bearing 90-120 ft.lbs/122-163 Nm (1968-76)</b>				
455 (7.5)		S	V8	4.13 x 4.25					
455 (7.5)		T	V8	4.13 x 4.25					
455 (7.5)		U	V8	4.13 x 4.25					
455 (7.5)		W	V8	4.13 x 4.25					
<b>Rod</b>									
<b>8B542P</b> Std. 10 20 30 40 50		63.480/2.4992	66.662/2.6245	1.572/0.0619	.013/.0005	20.98/0.826	F780	16	8506
		63.505/2.5002	66.675/2.6250		.076/.0030				IH
<b>Main</b>									
<b>5M804P</b> Std. 10 20 30 40	1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8507
		76.208/3.0003	81.001/3.1890		.091/.0036				L
	1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8512
		76.208/3.0003	81.001/3.1890		.091/.0036				U
	2,4	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	4	8512
		76.208/3.0003	81.001/3.1890		.091/.0036				IH
	3 (FI)	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	30.38/1.196	F780	2	8508
		76.208/3.0003	81.001/3.1890		.091/.0036				IH
	5	76.175/2.9990	80.975/3.1880	2.377/0.0936	.013/.0005	41.28/1.625	F780	2	8509
		76.200/3.0000	81.001/3.1890		.091/.0036				U/L
<i>Overflange length remains constant for standard and undersizes.</i>									



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **28**

**Main - optional set to 5M804P with +.010" overflange width increase for undersizes. \*See below for dimensional information.**

1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8507 L
	76.208/3.0003	81.001/3.1890		.091/.0036				
1	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	1	8512 U
	76.208/3.0003	81.001/3.1890		.091/.0036				
2,4	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	24.87/0.979	F780	4	8512 IH
	76.208/3.0003	81.001/3.1890		.091/.0036				
3 (FI)	76.182/2.9993	80.975/3.1880	2.377/0.0936	.013/.0005	30.63/1.206	F780	2	8519 IH
	76.208/3.0003	81.001/3.1890		.091/.0036				
5	76.175/2.9990	80.975/3.1880	2.377/0.0936	.013/.0005	41.28/1.625	F780	2	8509 U/L
	76.200/3.0000	81.001/3.1890		.091/.0036				

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M8519P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.206"	+0.010"
.030" u/s shaft	1.206"	+0.010"
.040" u/s shaft	1.206"	+0.010"

**Cam**

1	51.707/2.0357	55.067/2.1680	1.640/0.0646	17.60/0.693	F23	1	O-6-1
	51.727/2.0365	55.105/2.1695					
2	51.199/2.0157	54.560/2.1480	1.640/0.0646	17.60/0.693	F23	1	O-6-2
	51.219/2.0165	54.597/2.1495					
3	50.691/1.9957	54.051/2.1280	1.640/0.0646	17.60/0.693	F23	1	O-6-3
	50.711/1.9965	54.090/2.1295					
4	50.183/1.9757	53.543/2.1080	1.640/0.0646	17.60/0.693	F23	1	O-6-4
	50.203/1.9765	53.581/2.1095					
5	49.675/1.9557	53.035/2.0880	1.640/0.0646	17.60/0.693	F23	1	O-6-5
	49.695/1.9565	53.073/2.0895					

**5M8519P**  
20 30 40

**5C638S**  
Std.

**PERKINS ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
144 2365cc.....	3-144,Diesel		L3		1	318 5215cc.....	4-318,Diesel		L4		5
152 2504cc.....	3-152,Diesel		L3		1	354 5800cc.....	6-354,Diesel		L6		6
192 3153cc.....	4-192,Diesel		L4		2	354 5800cc.....	6-354.1,Diesel		L6		6
203 3333cc.....	4-203,Diesel		L4		2	354 5800cc.....	6-354.2,Diesel		L6		6
212 3473cc.....	4-212,Diesel		L4		3	354 5800cc.....	6-354.3,Diesel		L6		7
236 3869cc.....	4-236,Diesel		L4		3	354 5800cc.....	6-354.4,Diesel		L6		7
236 3869cc.....	T4-236, Turbo,Diesel		L4		4	354 5800cc.....	T6-354, Turbo,Diesel		L6		7
243 3990cc.....	4-40,Diesel		L4		3	372 6105cc.....	6-372,Diesel		L6		6
243 3990cc.....	T4-40, Turbo,Diesel		L4		4	372 6105cc.....	6-372.4,Diesel		L6		7
248 4065cc.....	4-248,Diesel		L4		3						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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<b>1 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
144 2365cc 3-144 Diesel		L3	88.9mm x 127mm	
152 2504cc 3-152 Diesel		L3	91.4mm x 127mm	

<b>3B1012</b> Std. 10 20 30 40	<b>Rod</b>	57.112/2.2485	60.833/2.3950	1.822/0.0717	.064/.0025	30.23/1.190	F820	6	1012AL IH	
		57.125/2.2490	60.846/2.3955		.106/.0042					
<b>4M2942</b> Std. 10 20 30 40	<b>Main</b>									
	1	69.812/2.7485	74.079/2.9165	2.108/0.0830	.038/.0015	33.15/1.305	F820	2	2942AL U/L	
		69.825/2.7490	74.105/2.9175		.093/.0037					
	2,3	69.812/2.7485	74.079/2.9165	2.108/0.0830	.038/.0015	25.40/1.000	F820	4	2944AL IH	
	69.825/2.7490	74.105/2.9175		.093/.0037						
	4	69.812/2.7485	74.079/2.9165	2.108/0.0830	.038/.0015	40.77/1.605	F820	2	2943AL IH	
		69.825/2.7490	74.105/2.9175		.093/.0037					
<b>2T2944</b> Std.	<b>Thrust - for engines from Serial # 1412720 onwards.</b>									
		75.310/2.9650	90.220/3.5520			3.18/0.125	F250	2	2942T U	
		75.560/2.9748	90.470/3.5618							
		75.310/2.9650	90.220/3.5520			3.18/0.125	F250	2	2944T L	
		75.560/2.9748	90.470/3.5618							
<i>Set includes 4 pieces. Required with 4M2942 main set.</i>										
<b>RB870</b> Semi	<b>Small End</b>	31.742/1.2497	34.919/1.3748	1.960/0.0772		26.97/1.062	F100	1	RB870	
		31.750/1.2500	34.955/1.3762							

<b>2 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
192 3153cc 4-192 Diesel		L4	88.9mm x 127mm	
203 3333cc 4-203 Diesel		L4	91.4mm x 127mm	

<b>4B1012</b> Std. 10 20 30 40	<b>Rod</b>	57.112/2.2485	60.833/2.3950	1.822/0.0717	.064/.0025	30.23/1.190	F820	8	1012AL IH	
		57.125/2.2490	60.846/2.3955		.106/.0042					
<b>5M2942</b> Std. 10 20 30 40	<b>Main</b>									
	1	69.812/2.7485	74.079/2.9165	2.108/0.0830	.038/.0015	33.15/1.305	F820	2	2942AL U/L	
		69.825/2.7490	74.105/2.9175		.093/.0037					
	2,4	69.812/2.7485	74.079/2.9165	2.108/0.0830	.038/.0015	25.40/1.000	F820	4	2944AL IH	
	69.825/2.7490	74.105/2.9175		.093/.0037						
	3,5	69.812/2.7485	74.079/2.9165	2.108/0.0830	.038/.0015	40.77/1.605	F820	4	2943AL IH	
		69.825/2.7490	74.105/2.9175		.093/.0037					
<b>2T2944</b> Std.	<b>Thrust - for engines from Serial # 2105860 onwards.</b>									
		75.310/2.9650	90.220/3.5520			3.18/0.125	F250	2	2942T U	
		75.560/2.9748	90.470/3.5618							
		75.310/2.9650	90.220/3.5520			3.18/0.125	F250	2	2944T L	
		75.560/2.9748	90.470/3.5618							
<i>Set includes 4 pieces. Required with 5M2942 main set.</i>										
<b>RB870</b> Semi	<b>Small End</b>	31.742/1.2497	34.919/1.3748	1.960/0.0772		26.97/1.062	F100	1	RB870	
		31.750/1.2500	34.955/1.3762							

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>3</b>
212 3473cc 4-212 Diesel			L4	98.48mm x 114.3mm						
236 3869cc 4-236 Diesel			L4	98.48mm x 127mm						
243 3990cc 4-40 Diesel			L4	100mm x 127mm						
248 4065cc 4-248 Diesel			L4	101.5mm x 127mm						

**Rod**

63.475/2.4990	67.208/2.6460	1.842/0.0725	.037/.0015	31.87/1.255	F820	8	2681AL	<b>4B2681</b> Std. 10 20 30 40
63.487/2.4995	67.221/2.6465		.078/.0031				IH	

**Main**

1,2,4,5	76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	31.75/1.250	F820	8	2682AL	<b>5M2682</b> Std. 10 20 30 40
	76.175/2.9990	80.442/3.1670		.102/.0040				U/L	
3	76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	36.58/1.440	F820	2	2683AL	
	76.175/2.9990	80.442/3.1670		.102/.0040				U/L	

**Thrust - for engines up to Serial # 4203049.**

86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2682T	<b>2T2682</b> Std.
87.122/3.4300	104.090/4.0980						U/L	

Set includes 4 pieces. Required with 5M2682 main set.

**Thrust - for engines from Serial # 4203050 onwards.**

86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2683T	<b>2T2683</b> Std.
87.122/3.4300	104.090/4.0980						U/L	

Set includes 4 pieces. Required with 5M2682 main set.

**Small End**

34.920/1.3748	38.895/1.5313			34.25/1.348	F100	1	RB4002	<b>RB4002</b> Semi
34.925/1.3750	38.920/1.5323							

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>4</b>
236 3869cc T4-236 Turbo Diesel			L4	98.48mm x 127mm						
243 3990cc T4-40 Turbo Diesel			L4	100mm x 127mm						

**Rod**

63.475/2.4990	67.208/2.6460	1.842/0.0725	.037/.0015	31.87/1.255	F780	8	2679	<b>4B2679</b> Std. 10 20 30 40
63.487/2.4995	67.221/2.6465		.088/.0035				IH	

**Main**

1,2,4,5	76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	31.75/1.250	F820	8	2682AL	<b>5M2682</b> Std. 10 20 30 40
	76.175/2.9990	80.442/3.1670		.102/.0040				U/L	
3	76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	36.58/1.440	F820	2	2683AL	
	76.175/2.9990	80.442/3.1670		.102/.0040				U/L	

**Thrust**

86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2683T	<b>2T2683</b> Std.
87.122/3.4300	104.090/4.0980						U/L	

Set includes 4 pieces. Required with 5M2682 main set.

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>5</b>
318 5215cc 4-318 Diesel			L4	114.3mm x 127mm						

**Rod**

69.806/2.7483	74.066/2.9160	2.096/0.0825	.049/.0019	35.05/1.380	F820	8	2661AL	<b>4B2661</b> Std. 10 20 30 40
69.825/2.7490	74.092/2.9170		.110/.0043				U/L	

**Main**

1,2,4,5	76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	31.75/1.250	F820	8	2682AL	<b>5M2682</b> Std. 10 20 30 40
	76.175/2.9990	80.442/3.1670		.102/.0040				U/L	
3	76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	36.58/1.440	F820	2	2683AL	
	76.175/2.9990	80.442/3.1670		.102/.0040				U/L	

**Thrust**

86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2683T	<b>2T2683</b> Std.
87.122/3.4300	104.090/4.0980						U/L	

Set includes 4 pieces. Required with 5M2682 main set.

# PERKINS



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>6 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
354 5800cc 6-354 Diesel			L6	98.48mm x 127mm					
354 5800cc 6-354.1 Diesel			L6	98.48mm x 127mm					
354 5800cc 6-354.2 Diesel			L6	98.48mm x 127mm					
372 6105cc 6-372 Diesel			L6	101mm x 127mm					
<b>6B2679</b>									
Std. 10 20 30 40									
<b>Rod - Copper Lead trimetal material.</b>									
		63.475/2.4990	67.208/2.6460	1.842/0.0725	.037/.0015	31.87/1.255	F780	12	2679
		63.487/2.4995	67.221/2.6465		.088/.0035				IH
<b>6B2681</b>									
Std. 10 20 30 40									
<b>Rod - Aluminum Tin material.</b>									
		63.475/2.4990	67.208/2.6460	1.842/0.0725	.037/.0015	31.87/1.255	F820	12	2681AL
		63.487/2.4995	67.221/2.6465		.078/.0031				IH
<b>7M2682</b>									
Std. 10 20 30 40									
<b>Main</b>									
1,2,3,5,		76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	31.75/1.250	F820	12	2682AL
6,7		76.175/2.9990	80.442/3.1670		.102/.0040				U/L
4		76.162/2.9985	80.416/3.1660	2.089/0.0822	.063/.0025	36.58/1.440	F820	2	2683AL
		76.175/2.9990	80.442/3.1670		.102/.0040				U/L
<b>2T2682</b>									
Std.									
<b>Thrust - for engines up to Serial # 8504189.</b>									
		86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2682T
		87.122/3.4300	104.090/4.0980						U/L
<i>Set includes 4 pieces. Required with 7M2682 main set.</i>									
<b>2T2683</b>									
Std.									
<b>Thrust - for engines from Serial # 8504190 onwards.</b>									
		86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2683T
		87.122/3.4300	104.090/4.0980						U/L
<i>Set includes 4 pieces. Required with 7M2682 main set.</i>									
<b>RB4002</b>									
Semi									
		34.920/1.3748	38.895/1.5313			34.25/1.348	F100	1	RB4002
		34.925/1.3750	38.920/1.5323						
<b>7 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
354 5800cc 6-354.3 Diesel			L6	98.48mm x 127mm					
354 5800cc 6-354.4 Diesel			L6	98.48mm x 127mm					
354 5800cc T6-354 Turbo Diesel			L6	98.48mm x 127mm					
372 6105cc 6-372.4 Diesel			L6	101mm x 127mm					
<b>6B2679</b>									
Std. 10 20 30 40									
<b>Rod - Copper Lead trimetal material.</b>									
		63.475/2.4990	67.208/2.6460	1.842/0.0725	.037/.0015	31.87/1.255	F780	12	2679
		63.487/2.4995	67.221/2.6465		.088/.0035				IH
<b>6B2681</b>									
Std. 10 20 30 40									
<b>Rod - Aluminum Tin material.</b>									
		63.475/2.4990	67.208/2.6460	1.842/0.0725	.037/.0015	31.87/1.255	F820	12	2681AL
		63.487/2.4995	67.221/2.6465		.078/.0031				IH
<b>2T2682</b>									
Std.									
<b>Thrust - for engines up to Serial # 8504189.</b>									
		86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2682T
		87.122/3.4300	104.090/4.0980						U/L
<i>Set includes 4 pieces.</i>									
<b>2T2683</b>									
Std.									
<b>Thrust - for engines from Serial # 8504190 onwards.</b>									
		86.868/3.4200	103.840/4.0882			2.31/0.091	F250	4	2683T
		87.122/3.4300	104.090/4.0980						U/L
<i>Set includes 4 pieces.</i>									

## PEUGEOT ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1618cc (1.6).....			L4	67-69	1	1905cc (1.9).....	XU9	B	L4	90-91	2
1796cc (1.8).....	XN1		L4	65-80	1	1905cc (1.9).....	XU9	C	L4	90-91	2
1905cc (1.9).....	XU9	1	L4	89-89	2	1905cc (1.9).....	XU9	D	L4	90-91	2
1905cc (1.9).....	XU9	2	L4	89-89	2	1971cc (2.0).....	XN2		L4	65-80	1
1905cc (1.9).....	XU9	A	L4	90-91	2	1971cc (2.0).....	XN2	1	L4	81-87	1

## PEUGEOT MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
404		1618	1.6		67-69	504		1971	2.0	XN2	71-79
		1796	1.8	XN1	70	505		1971	2.0	XN2	80-85
405 - DL		1905	1.9	XU9	89-91	505 - GL		1971	2.0	XN2	84-86
405 - MI16		1905	1.9	XU9	89-91	505 - LIBERTE		1971	2.0	XN2	87
405 - S		1905	1.9	XU9	89-91	505 - S		1971	2.0	XN2	84-86
504		1796	1.8	XN1	70	505 - STI		1971	2.0	XN2	84-86

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1618cc (1.6)		L4	84mm x 73mm	Connecting Rod 30 ft.lbs/40 Nm Main Bearing 55 ft.lbs/74 Nm	
1796cc (1.8) XN1		L4	84mm x 81mm		
1971cc (2.0) XN2		L4	88mm x 81mm		
1971cc (2.0) XN2	1	L4	88mm x 81mm		

### Rod

49.975/1.9675	53.654/2.1124	1.814/0.0714	.036/0.0014	23.39/0.921	F820	8	7891AL	4B7891 Std. .30 .50 .80 1.0
49.990/1.9681	53.673/2.1131		.086/0.0034				IH	

### Main

1	59.400/2.3386 59.416/2.3392	63.226/2.4892 63.246/2.4900	1.895/0.0746	.020/0.0008 .072/0.0028	29.48/1.161	F820	2	7892AL IH	5M7899 Std. .30 .50 .80 1.0
2	58.558/2.3054 58.573/2.3060	62.384/2.4561 62.403/2.4568	1.895/0.0746	.021/0.0008 .071/0.0028	21.50/0.846	F820	2	7896AL IH	
3	57.174/2.2509 57.189/2.2515	61.000/2.4016 61.019/2.4023	1.895/0.0746	.021/0.0008 .071/0.0028	29.48/1.161	F820	2	7897AL IH	
4	56.150/2.2106 56.165/2.2112	59.976/2.3613 59.995/2.3620	1.895/0.0746	.021/0.0008 .071/0.0028	21.49/0.846	F820	2	7898AL IH	
5	54.905/2.1616 54.920/2.1622	58.731/2.3122 58.750/2.3130	1.887/0.0743	.037/0.0015 .087/0.0034	29.33/1.155	F820	2	7899AL IH	

### Thrust - suits Manual Transmissions.

61.250/2.4114 61.500/2.4213	72.550/2.8563 72.800/2.8661			2.36/0.093	F250	2	7899T U	1T7899 Std.
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Note: Set includes two pieces, use on No. 4 position. Required with 5M7899 main set.

### Thrust - suits Automatic Transmissions.

61.250/2.4114 61.500/2.4213	72.550/2.8563 72.800/2.8661			2.36/0.093	F250	4	7899T U/L	2T7899 Std.
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Note: Set includes four pieces, use on No. 4 position. Required with 5M7899 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
1905cc (1.9) XU9	1	L4	83mm x 88mm		
1905cc (1.9) XU9	2	L4	83mm x 88mm		
1905cc (1.9) XU9	A	L4	83mm x 88mm		
1905cc (1.9) XU9	B	L4	83mm x 88mm		
1905cc (1.9) XU9	C	L4	83mm x 88mm		
1905cc (1.9) XU9	D	L4	83mm x 88mm		

### Rod

49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/0.0723		20.25/0.797	F810	8	7700A IH	4B7700A Std. .30 .50
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### Main

1-5	59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/0.0726		20.29/0.799	F810	5	7703A U	5M7704A Std. .30 .50
	59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/0.0726		20.29/0.799			7704A	

# PEUGEOT



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
2T7703 Std.	<b>Thrust</b>								
		67.050/2.6398	83.050/3.2697			2.33/0.092	F250	4	7703T U/L
		67.300/2.6496	83.300/3.2795						
<i>Note: Set includes four pieces. Required with 5M7704A main set.</i>									

**PLYMOUTH ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1410cc (1.4).....	Mits G12B	2	L4	81-83	1	225 3687cc (3.7)...	Cast Crankshaft	B	L6	76-78	19
1410cc (1.4).....	Mits G12B	A	L4	84-84	1	225 3687cc (3.7)...	Cast Crankshaft	C	L6	76-80	19
1410cc (1.4).....	Mits G12B	J	L4	79-80	1	225 3687cc (3.7)...	Cast Crankshaft	D	L6	77-80	19
90 1468cc (1.5).....	Mits G15B/4G15	A	L4	91-94	2	225 3687cc (3.7)...	Cast Crankshaft	E	L6	81-82	19
90 1468cc (1.5).....	Mits G15B/4G15	K	L4	85-91	2	225 3687cc (3.7)...	Cast Crankshaft	F	L6	81-82	19
90 1468cc (1.5).....	Mits G15B/4G15	P	L4	88-88	2	225 3687cc (3.7)...	Cast Crankshaft	G	L6	81-82	19
90 1468cc (1.5).....	Mits G15B/4G15	X	L4	89-90	2	225 3687cc (3.7)...	Cast Crankshaft	H	L6	81-83	19
98 1597cc (1.6).....	Mits 4G32/G32B	3	L4	81-83	3	225 3687cc (3.7)...	Cast Crankshaft	J	L6	83-83	19
98 1597cc (1.6).....	Mits 4G32/G32B	B	L4	84-84	3	225 3687cc (3.7)...	Cast Crankshaft	K	L6	83-83	19
98 1597cc (1.6).....	Mits 4G32/G32B, Turbo	F	L4	84-90	3	225 3687cc (3.7)...	Cast Crankshaft	L	L6	83-83	19
98 1597cc (1.6).....	Mits 4G32/G32B	K	L4	76-80	3	225 3687cc (3.7)...	Cast Crankshaft	N	L6	79-80	19
98 1597cc (1.6).....	Mits 4G32/G32B	Y	L4	89-90	3	230 (3.8) .....	OHV	L	V6	94-99	16
98 1597cc (1.6).....	Mits 4G32/G32B, Turbo	Z	L4	89-89	3	230 (3.8) .....	OHV (EGH)	L	V6	98-98	16
105 (1.7) .....	VW Eng.	A	L4	78-82	4	273 (4.5) .....			V8	64-67	20
105 (1.7) .....	VW Eng.	B	L4	83-83	4	273 (4.5) .....		D	V8	68-69	20
107 1754cc (1.8)...	Mits 4G37	T	L4	89-90	5	276 .....			V8	56-57	20
107 1755cc (1.8)...	Mits 4G37	B	L4	93-94	5	303 (5.0) .....			V8	56-56	20
107 1755cc (1.8)...	Mits 4G37	T	L4	90-92	5	318 (5.2) .....			V8	58-67	20
112 1834cc (1.8)...	Mits 4G93	C	L4	93-94	6	318 (5.2) .....		4	V8	83-89	21
112 1834cc (1.8)...	Mits 4G93	D	L4	92-92	6	318 (5.2) .....		E	V8	74-80	21
122 1995cc (2.0)...	Mits 4G52/G52B	U	L4	76-78	7	318 (5.2) .....		F	V8	68-69	20
122 1996cc (2.0)...	16V SOHC	C	L4	95-01	9	318 (5.2) .....		G	V8	70-73	20
122 1996cc (2.0)...	16V DOHC	Y	L4	95-99	9	318 (5.2) .....		G	V8	74-80	21
122 1996cc (2.0)...	16V SOHC (ECB)	C	L4	96-98	9	318 (5.2) .....		H	V8	78-80	21
122 1996cc (2.0)...	16V DOHC (ECC)	Y	L4	96-98	9	318 (5.2) .....		K	V8	81-82	21
122 1997cc (2.0)...	Mits 4G52/G52B	5	L4	81-82	7	318 (5.2) .....		L	V8	81-82	21
122 1997cc (2.0)...	Mits 4G63/G63B	D	L4	84-88	8	318 (5.2) .....		M	V8	81-82	21
122 1997cc (2.0)...	Mits 4G63 DOHC	E	L4	93-94	8	318 (5.2) .....		N	V8	81-82	21
122 1997cc (2.0)...	Mits 4G63 DOHC, Turbo	F	L4	93-94	8	318 (5.2) .....		P	V8	79-89	21
122 1997cc (2.0)...	Mits 4G63 DOHC	R	L4	90-92	8	318 (5.2) .....		R	V8	81-82	21
122 1997cc (2.0)...	Mits 4G52/G52B	U	L4	76-80	7	318 (5.2) .....		S	V8	83-89	21
122 1997cc (2.0)...	Mits 4G63 DOHC, Turbo	U	L4	90-92	8	318 (5.2) .....		T	V8	83-83	21
122 1997cc (2.0)...	Mits 4G63/G63B	V	L4	89-91	8	318 (5.2) .....		U	V8	83-83	21
135 (2.2) .....	SOHC	8	L4	84-86	10	318 (5.2) .....		Z	V8	86-88	21
135 (2.2) .....	SOHC	B	L4	81-82	10	340 (5.6) .....		H	V8	70-73	22
135 (2.2) .....	SOHC	C	L4	83-88	10	340 (5.6) .....		P	V8	68-69	22
135 (2.2) .....	SOHC	D	L4	84-94	10	350 (5.7) .....			V8	58-58	23
135 (2.2) .....	SOHC, Turbo	E	L4	84-88	10	360 (5.9) .....		1	V8	83-83	24
2351cc (2.4).....	Mits 4G64 (16V SOHC)	G	L4	93-94	12	360 (5.9) .....		F	V8	74-79	24
2351cc (2.4).....	Mits 4G64 (8V SOHC)	W	L4	92-92	12	360 (5.9) .....		J	V8	74-79	24
148 2429cc (2.4)...	DOHC	B	L4	96-00	11	360 (5.9) .....		K	V8	71-80	24
148 2429cc (2.4)...	DOHC	X	L4	99-00	11	360 (5.9) .....		L	V8	74-80	24
148 2429cc (2.4)...	DOHC (EDZ)	X	L4	98-98	11	360 (5.9) .....		T	V8	74-82	24
153 2507cc (2.5)...	SOHC, Turbo	J	L4	89-91	10	360 (5.9) .....		U	V8	82-82	24
153 2507cc (2.5)...	SOHC	K	L4	86-95	10	360 (5.9) .....		W	V8	83-83	24
153 2507cc (2.5)...	SOHC	V	L4	93-94	10	361 (5.9) .....			V8	60-66	23
156 2555cc (2.6)...	Mits G54B	7	L4	81-83	13	383 (6.3) .....			V8	60-60	25
156 2555cc (2.6)...	Mits G54B	D	L4	81-82	13	383 (6.3) .....			V8	61-67	23
156 2555cc (2.6)...	Mits G54B	F	L4	78-80	13	383 (6.3) .....		G	V8	68-69	23
156 2555cc (2.6)...	Mits G54B	G	L4	83-87	13	383 (6.3) .....		H	V8	67-69	23
156 2555cc (2.6)...	Mits G54B, Turbo	H	L4	84-86	13	383 (6.3) .....		L	V8	70-71	23
156 2555cc (2.6)...	Mits G54B, Turbo	N	L4	86-86	13	383 (6.3) .....		N	V8	70-71	23
156 2555cc (2.6)...	Mits G54B	W	L4	79-80	13	400 (6.6) .....		J	V8	76-78	23
170 (2.8) .....			L6	60-67	14	400 (6.6) .....		M	V8	72-76	23
170 (2.8) .....		A	L6	68-69	14	400 (6.6) .....		N	V8	74-78	23
181 2972cc (3.0)...	Mits 6G72 SOHC	3	V6	87-00	15	400 (6.6) .....		P	V8	72-78	23
198 (3.2) .....		B	L6	70-74	14	426 (7.0) .....	(Excl. Hemi)		V8	63-67	25
201 (3.3) .....	OHV	J	V6	95-96	16	426 (7.0) .....	(Excl. Hemi)	J	V8	68-69	25
201 (3.3) .....	OHV	R	V6	90-00	16	426 (7.0) .....	(Excl. Hemi)	R	V8	70-71	25
201 (3.3) .....	OHV (EGM)	G	V6	98-00	16	440 (7.2) .....			V8	66-67	25
215 3497cc (3.5)...	SOHC (Aluminum Block)		V6	99-99	18	440 (7.2) .....		D	V8	74-78	25
215 3497cc (3.5)...	SOHC (Cast Iron Block)	F	V6	97-97	17	440 (7.2) .....		K	V8	68-69	25
215 3497cc (3.5)...	SOHC (Aluminum Block)	G	V6	00-01	18	440 (7.2) .....		L	V8	68-69	25
225 (3.7) .....	Forged Crankshaft		L6	60-67	14	440 (7.2) .....		T	V8	70-77	25
225 (3.7) .....	Forged Crankshaft	B	L6	68-76	14	440 (7.2) .....		U	V8	70-78	25
225 (3.7) .....	Forged Crankshaft	C	L6	70-76	14	440 (7.2) .....		V	V8	70-72	25
225 (3.7) .....	Forged Crankshaft	E	L6	72-72	14						

**PLYMOUTH MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
	225		3.7	Forged Crankshaft	60-76	ARROW	98	1597	1.6	Mits 4G32/G32B	76-80
ACCLAIM	135		2.2	SOHC	89		156	2555	2.6	Mits G54B	80
	153	2507	2.5	SOHC	89-95	ARROW - GS	98	1597	1.6	Mits 4G32/G32B	76-79
	181	2972	3.0	Mits 6G72 SOHC	90-95		122	1997	2.0	Mits 4G52/G52B	76-78
ACCLAIM - LE	153	2507	2.5	SOHC	89-91		156	2555	2.6	Mits G54B	79
	181	2972	3.0	Mits 6G72 SOHC	90-91	ARROW - GT	98	1597	1.6	Mits 4G32/G32B	76-79
ACCLAIM - LX	181	2972	3.0	Mits 6G72 SOHC	89-91		122	1997	2.0	Mits 4G52/G52B	76-78

## PLYMOUTH MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ARROW - GT	156	2555	2.6	Mits G54B	79	COLT - GT	90	1468	1.5	Mits G15B/4G15	89-90
ARROW PICKUP	122	1997	2.0	Mits 4G52/G52B	79-82		98	1597	1.6	Mits 4G32/G32B	89-90
	156	2555	2.6	Mits G54B	79-82	COLT - GTS	98	1597	1.6	Mits 4G32/G32B	88
BARRACUDA	170		2.8		66	COLT - PREMIER	90	1468	1.5	Mits G15B/4G15	85-88
	198		3.2		70-71		98	1597	1.6	Mits 4G32/G32B	85-88
	273		4.5		64-67	COLT - VISTA	112	1834	1.8	Mits 4G93	92-94
	318		5.2		68-74		122	1997	2.0	Mits 4G63/G63B	84-91
	340		5.6		68-73		2351	2.4	Mits 4G64 (16V SOHC)	93-94	
	360		5.9		74		2351	2.4	Mits 4G64 (8V SOHC)	92	
	361		5.9		64						
	383		6.3		67-71	COLT - VISTA CUSTOM	122	1997	2.0	Mits 4G63/G63B	86
BARRACUDA - GRAN COUPE	318		5.2		70-71	COLT - VISTA SE	112	1834	1.8	Mits 4G93	92
	383		6.3		70-71		2351	2.4	Mits 4G64 (16V SOHC)	93-94	
BELVEDERE	273		4.5		64-68		2351	2.4	Mits 4G64 (8V SOHC)	92	
	318		5.2		58-70						
	350		5.7		58	CONQUEST	156	2555	2.6	Mits G54B	84-86
	361		5.9		60-65	CUDA	318		5.2		72-74
	383		6.3		60-70		340		5.6		70-73
	426		7.0	(Excl. Hemi)	63-67		360		5.9		74
	440		7.2		66-67		383		6.3		70-71
BELVEDERE - SATELLITE	273		4.5		68		426		7.0	(Excl. Hemi)	70-71
	318		5.2		68-70		440		7.2		70-71
	383		6.3		68-70	CUSTOM	350		5.7		58
BREEZE	122	1996	2.0	16V SOHC	96-00		361		5.9		60-61
	148	2429	2.4	DOHC	98-00		383		6.3		60-61
CARAVELLE	135		2.2	SOHC	83-88	DUSTER	198		3.2		70-74
	153	2507	2.5	SOHC	86-88		225		3.7	Forged Crankshaft	72
	156	2555	2.6	Mits G54B	83-85		225	3687	3.7	Cast Crankshaft	76
	225	3687	3.7	Cast Crankshaft	78-83		318		5.2		70-76
	318		5.2		78-89		360		5.9		76
	360		5.9		78-79	DUSTER - 340	340		5.6		70-73
CARAVELLE - SALON	225	3687	3.7	Cast Crankshaft	80-81	DUSTER - 360	360		5.9		74-75
	318		5.2		80-88	DUSTER - CUSTOM	318		5.2		75
CARAVELLE - SE	135		2.2	SOHC	85-88	EXPO	135		2.2	SOHC	87-89
	153	2507	2.5	SOHC	86-88	FLEET SPECIAL	318		5.2		60-63
	156	2555	2.6	Mits G54B	85		361		5.9		60-63
CARAVELLE - SPORT COUPE	225	3687	3.7	Cast Crankshaft	81		383		6.3		60-63
	318		5.2		81	FURY	426		7.0	(Excl. Hemi)	63
CHAMP	98	1410	1.4	Mits G12B	79-82		225	3687	3.7	Cast Crankshaft	76-78
	156	2555	2.6	Mits G54B	83-85		273		4.5		64-65
CHAMP - CUSTOM	1410		1.4	Mits G12B	79		303		5.0		56
	98	1597	1.6	Mits 4G32/G32B	79-82		318		5.2		58-78
COLT	1410		1.4	Mits G12B	79-83		350		5.7		58
	90	1468	1.5	Mits G15B/4G15	89-94		360		5.9		75-78
	98	1597	1.6	Mits 4G32/G32B	76-83		361		5.9		60-66
	112	1834	1.8	Mits 4G93	92-94		383		6.3		60-67
	122	1995	2.0	Mits 4G52/G52B	76-78		400		6.6		75-78
	2351	2.4	Mits 4G64 (16V SOHC)		93-94		426		7.0	(Excl. Hemi)	63-66
	156	2555	2.6	Mits G54B	78-80		440		7.2		75-78
COLT - 100	90	1468	1.5	Mits G15B/4G15	90	FURY - CUSTOM	318		5.2		75
	98	1597	1.6	Mits 4G32/G32B	90		360		5.9		75
COLT - 100 DL	90	1468	1.5	Mits G15B/4G15	89-91		400		6.6		75
	98	1597	1.6	Mits 4G32/G32B	89	FURY - CUSTOM SUBURBAN	318		5.2		68-75
COLT - 100 E	90	1468	1.5	Mits G15B/4G15	89-92		360		5.9		71-75
COLT - 100 LX	90	1468	1.5	Mits G15B/4G15	89-90		383		6.3		68-71
	98	1597	1.6	Mits 4G32/G32B	89-90		400		6.6		72-75
COLT - 200 DL	90	1468	1.5	Mits G15B/4G15	89-90		440		7.2		68-74
COLT - 200 E	90	1468	1.5	Mits G15B/4G15	89-92	FURY - POLICE	360		5.9		74
COLT - 200 GT	90	1468	1.5	Mits G15B/4G15	91-92		400		6.6		74
COLT - 200 LX	90	1468	1.5	Mits G15B/4G15	89		440		7.2		74
	98	1597	1.6	Mits 4G32/G32B	89	FURY - SALON	225	3687	3.7	Cast Crankshaft	76-78
COLT - 4X4	2351	2.4	Mits 4G64 (8V SOHC)		92		318		5.2		76-78
	98	1597	1.6	Mits 4G32/G32B	83		360		5.9		76-78
COLT - CUSTOM	1410		1.4	Mits G12B	83		400		6.6		76-78
COLT - DELUXE	98	1597	1.6	Mits 4G32/G32B	83	FURY - SPORT	225	3687	3.7	Cast Crankshaft	76-78
	1410		1.4	Mits G12B	84		318		5.2		68-78
COLT - DL	90	1468	1.5	Mits G15B/4G15	85-90		360		5.9		71-78
	98	1597	1.6	Mits 4G32/G32B	84-88		383		6.3		68-71
	107	1754	1.8	Mits 4G37	89-90		400		6.6		75-78
COLT - E	1410		1.4	Mits G12B	84	FURY - SPORT GT	440		7.2		68-71
	90	1468	1.5	Mits G15B/4G15	85-89	FURY - SPORT SUBURBAN	318		5.2		68-75
	98	1597	1.6	Mits 4G32/G32B	84		360		5.9		71-78
COLT - GL	90	1468	1.5	Mits G15B/4G15	90-94						
	112	1834	1.8	Mits 4G93	93-94						



**PLYMOUTH MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
FURY - SPORT						HORIZON - MISER	105		1.7	VW Eng.	81-82
SUBURBAN	383		6.3		68-71		135		2.2	SOHC	81-82
	400		6.6		72-78	HORIZON - SE	135		2.2	SOHC	84-86
	440		7.2		68-74	HORIZON - TC3	105		1.7	VW Eng.	79-82
FURY - SUBURBAN	318		5.2		68-75		135		2.2	SOHC	81-82
	360		5.9		71-78	HORIZON - TC3					
	383		6.3		68-71	MISER	105		1.7	VW Eng.	81-82
	400		6.6		72-78		135		2.2	SOHC	81-82
	440		7.2		68-73	HORIZON - TC3					
FURY - VIP	318		5.2		68-69	TURISMO	105		1.7	VW Eng.	83
	383		6.3		68-69		135		2.2	SOHC	82-83
	440		7.2		68-69	HORIZON - TURISMO	135		2.2	SOHC	84-87
FURY I	318		5.2		68-73	HORIZON - TURISMO					
	360		5.9		71-74	2.2	135		2.2	SOHC	83-86
	383		6.3		68-71	LASER	107	1755	1.8	Mits 4G37	90-94
	400		6.6		72-74	LASER - RS	107	1755	1.8	Mits 4G37	90
	440		7.2		68-73		122	1997	2.0	Mits 4G63 DOHC	90-94
FURY II	318		5.2		68-73	NEON	122	1996	2.0	16V DOHC	96-99
	360		5.9		71-74		122	1996	2.0	16V SOHC	95-01
	383		6.3		68-71	NEON - HIGHLINE	122	1996	2.0	16V DOHC	95-97
	400		6.6		72-74		122	1996	2.0	16V SOHC	95-97
	440		7.2		68-74	NEON - SPORT	122	1996	2.0	16V DOHC	95-96
FURY III	318		5.2		68-73		122	1996	2.0	16V SOHC	95-96
	360		5.9		71-74	PB100 VAN -					
	383		6.3		68-71	VOYAGER	225	3687	3.7	Cast Crankshaft	76-80
	400		6.6		72-74		318		5.2		74-80
	440		7.2		68-74		360		5.9		74-78
GRAN FURY	225	3687	3.7	Cast Crankshaft	80-83	PB150 VAN -					
	318		5.2		72-89	VOYAGER	225	3687	3.7	Cast Crankshaft	81-83
	360		5.9		72-80		318		5.2		81-83
	400		6.6		72-77	PB200 VAN -					
	440		7.2		72-77	VOYAGER	225	3687	3.7	Cast Crankshaft	76-80
GRAN FURY -							318		5.2		74-80
BROUGHAM	360		5.9		75-77		360		5.9		74-80
	400		6.6		75-77		400		6.6		76-78
	440		7.2		75-77		440		7.2		76-78
GRAN FURY -						PB200 VAN -					
CUSTOM	318		5.2		75	VOYAGER EX WAGON	225	3687	3.7	Cast Crankshaft	76-77
	360		5.9		75-76		318		5.2		74-77
	400		6.6		75-76		360		5.9		74-77
	440		7.2		75-76		400		6.6		76-77
GRAN FURY -							440		7.2		77
CUSTOM SUBURBAN	400		6.6		75-76	PB200 VAN -					
	440		7.2		75	VOYAGER MX					
GRAN FURY - SALON	225	3687	3.7	Cast Crankshaft	80	WAGON	318		5.2		78-80
	318		5.2		80		360		5.9		78-80
	360		5.9		80		400		6.6		78
GRAN FURY - SPORT							440		7.2		78
SUBURBAN	400		6.6		75-77	PB250 VAN -					
	440		7.2		75-77	VOYAGER	225	3687	3.7	Cast Crankshaft	81-83
GRAN FURY -	400		6.6		75-77		318		5.2		81-83
SUBURBAN	440		7.2		76-77		360		5.9		81
GRAND VOYAGER	148	2429	2.4	DOHC	96-97	PB300 VAN -					
	181	2972	3.0	Mits 6G72 SOHC	92-00	VOYAGER	318		5.2		74-80
	201		3.3	OHV	97-00		360		5.9		74-80
	230		3.8	OHV	99		400		6.6		77-78
GRAND VOYAGER -							440		7.2		76-78
LE	181	2972	3.0	Mits 6G72 SOHC	88-93	PB300 VAN -					
	201		3.3	OHV	90-95	VOYAGER EX WAGON	318		5.2		74-77
	230		3.8	OHV	94-95		360		5.9		74-77
GRAND VOYAGER -							400		6.6		76-77
SE	148	2429	2.4	DOHC	96-97		440		7.2		76-77
	153	2507	2.5	SOHC	88	PB300 VAN -					
	181	2972	3.0	Mits 6G72 SOHC	89-97	VOYAGER MX					
	201		3.3	OHV	90-97	WAGON	318		5.2		78-80
	230		3.8	OHV	95		360		5.9		78-80
GTX	273		4.5		67		400		6.6		78
	318		5.2		67-68	PB350 VAN -					
	383		6.3		67-68	VOYAGER	318		5.2		81-83
	426		7.0	(Excl. Hemi)	67-71		360		5.9		81-83
	440		7.2		67-71	PLAZA	318		5.2		58
HORIZON	98	1597	1.6	Mits 4G32/G32B	83		350		5.7		58
	105		1.7	VW Eng.	78-83	PROWLER	215	3497	3.5	SOHC (Aluminum	99-01
	135		2.2	SOHC	81-90					Block)	
HORIZON - CUSTOM	105		1.7	VW Eng.	83		215	3497	3.5	SOHC (Cast Iron	97
	135		2.2	SOHC	83					Block)	
HORIZON - E-TYPE	105		1.7	VW Eng.	82	RELIANT	135		2.2	SOHC	81-87
	135		2.2	SOHC	82		153	2507	2.5	SOHC	86-87

## PLYMOUTH MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
RELIANT	156	2555	2.6	Mits G54B	81-85	SUBURBAN	361		5.9		60-61
RELIANT - CUSTOM	135		2.2	SOHC	81-84		383		6.3		60-61
	156	2555	2.6	Mits G54B	81-84	SUNDANCE	135		2.2	SOHC	87-94
RELIANT - LE	135		2.2	SOHC	85-89		153	2507	2.5	SOHC	88-94
	153	2507	2.5	SOHC	86-89	SUNDANCE - AMERICA			2.2	SOHC	91-92
	156	2555	2.6	Mits G54B	85		135		2.2	SOHC	91-92
RELIANT - SE	135		2.2	SOHC	81-86		153	2507	2.5	SOHC	92
	153	2507	2.5	SOHC	86	SUNDANCE - DUSTER	153	2507	2.5	SOHC	92-94
	156	2555	2.6	Mits G54B	81-85		181	2972	3.0	Mits 6G72 SOHC	92-94
ROADRUNNER	273		4.5		68	SUNDANCE - RS	153	2507	2.5	SOHC	91
	318		5.2		68-75		181	2972	3.0	Mits 6G72 SOHC	92
	340		5.6		71-73	SUPERBIRD	440		7.2		70
	360		5.9		74-75	TRAILDUSTER	225	3687	3.7	Cast Crankshaft	76-80
	383		6.3		68-71		318		5.2		74-81
	400		6.6		72-75		360		5.9		74-81
	426		7.0	(Excl. Hemi)	68-71		400		6.6		76-78
	440		7.2		70-74		440		7.2		74-78
SAPORO	98	1597	1.6	Mits 4G32/G32B	78-79	TURISMO	98	1597	1.6	Mits 4G32/G32B	83
	156	2555	2.6	Mits G54B	78-83	VALIANT	170		2.8		60-67
SATELLITE	225		3.7	Forged Crankshaft	72		198		3.2		70-74
	273		4.5		65-68		225		3.7	Forged Crankshaft	72
	318		5.2		65-74		225	3687	3.7	Cast Crankshaft	76
	360		5.9		74		273		4.5		64-67
	383		6.3		65-71		318		5.2		70-76
	400		6.6		72-74		360		5.9		76
	426		7.0	(Excl. Hemi)	65-67	VALIANT - 100	170		2.8		68-69
	440		7.2		66-74		273		4.5		68-69
SATELLITE - BROUGHAM	318		5.2		71		318		5.2		68-69
	383		6.3		71	VALIANT - BROUGHAM	318		5.2		74-75
SATELLITE - CUSTOM	318		5.2		71-74	VALIANT - CUSTOM	318		5.2		75
	340		5.6		72	VALIANT - SIGNET	170		2.8		68-69
	360		5.9		74		273		4.5		68-69
	383		6.3		71		318		5.2		68-69
	400		6.6		72-74	VIP	318		5.2		67
SATELLITE - REGENT	318		5.2		71-74		383		6.3		67
	360		5.9		74		440		7.2		67
	383		6.3		71	VOLARE	225	3687	3.7	Cast Crankshaft	76-80
	400		6.6		72-74		318		5.2		76-80
SATELLITE - SEBRING	318		5.2		71-74		360		5.9		76-80
	340		5.6		72	VOLARE - CUSTOM	225	3687	3.7	Cast Crankshaft	76-77
	360		5.9		74		318		5.2		76-77
	383		6.3		71		360		5.9		76-77
	400		6.6		72-74	VOLARE - PREMIER	225	3687	3.7	Cast Crankshaft	76-77
SATELLITE - SEBRING PLUS	318		5.2		71-74		318		5.2		76-77
	360		5.9		74	VOYAGER	135		2.2	SOHC	84-87
	383		6.3		71		148	2429	2.4	DOHC	96-00
	400		6.6		72-74		153	2507	2.5	SOHC	88-95
SATELLITE - SPORT SAVOY	383		6.3		70		156	2555	2.6	Mits G54B	84-87
	273		4.5		64		181	2972	3.0	Mits 6G72 SOHC	90-00
	318		5.2		58-64		201		3.3	OHV	95-00
	350		5.7		58	VOYAGER - LE	230		3.8	OHV	98-99
	361		5.9		60-64		135		2.2	SOHC	84-87
	383		6.3		60-64		153	2507	2.5	SOHC	87-91
	426		7.0	(Excl. Hemi)	63-64		156	2555	2.6	Mits G54B	84-87
SCAMP	135		2.2	SOHC	83		181	2972	3.0	Mits 6G72 SOHC	87-95
	198		3.2		71-74		201		3.3	OHV	91-95
	225	3687	3.7	Cast Crankshaft	76	VOYAGER - LX	181	2972	3.0	Mits 6G72 SOHC	94
	318		5.2		71-76		201		3.3	OHV	94
SCAMP - SPECIAL	225	3687	3.7	Cast Crankshaft	76	VOYAGER - SE	135		2.2	SOHC	84-87
	318		5.2		76		148	2429	2.4	DOHC	96-97
SPORT WAGON	318		5.2		60-61		153	2507	2.5	SOHC	87-93
	361		5.9		60-61		156	2555	2.6	Mits G54B	84-87
	383		6.3		60-61		181	2972	3.0	Mits 6G72 SOHC	87-97
SUBURBAN	318		5.2		58-61		201		3.3	OHV	91-97
	350		5.7		58						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>									<b>1</b>	
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1410cc (1.4) Mits G12B			2	L4	Connecting Rod 23-25 ft.lbs/31-34 Nm					
1410cc (1.4) Mits G12B			A	L4	Main Bearing 36-40 ft.lbs/49-54 Nm					
1410cc (1.4) Mits G12B			J	L4	74mm x 82mm					
<b>Rod</b>										
	41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .071/.0028	17.63/0.694	F820	8	1736AL IH	<b>4B1736</b> Std. .25 .50 .75 1.0	
<b>Main - full groove on #1,2,4,5 positions.</b>										
1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	19.13/0.753	F820	8	1737AL IH	<b>5M1737</b> Std. .25 .50 .75 1.0	
3(FI)	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .076/.0030	23.95/0.943	F820	2	1738AL IH		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>ENGINE</b>									<b>2</b>	
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
90 1468cc (1.5) Mits G15B/4G15			A	L4	Connecting Rod 23-25 ft.lbs/31-34 Nm					
90 1468cc (1.5) Mits G15B/4G15			K	L4	Main Bearing 36-40 ft.lbs/49-54 Nm					
90 1468cc (1.5) Mits G15B/4G15			P	L4	75.5mm x 82mm					
90 1468cc (1.5) Mits G15B/4G15			X	L4	75.5mm x 82mm					
<b>Rod - for engines 8/88-1994.</b>										
	41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .079/.0031	15.60/0.614	F810	8	1130A IH	<b>4B1130</b> Std. .25 .50 .75 1.0	
<b>Rod - for engines 1985 - 8/88 only.</b>										
	41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/0.0588	.015/.0006 .071/.0028	17.63/0.694	F820	8	1736AL IH	<b>4B1736</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	19.13/0.753	F810	8	1124A U/L	<b>5M1124</b> Std. .25 .50 .75	
3(FI)	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/0.0783	.020/.0008 .085/.0033	23.95/0.943	F810	2	1125A IH		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>ENGINE</b>									<b>3</b>	
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
98 1597cc (1.6) Mits 4G32/G32B			3	L4	Connecting Rod 23-25 ft.lbs/31-34 Nm					
98 1597cc (1.6) Mits 4G32/G32B			B	L4	Main Bearing 36-40 ft.lbs/49-54 Nm					
98 1597cc (1.6) Mits 4G32/G32B Turbo			F	L4	76.9mm x 86mm					
98 1597cc (1.6) Mits 4G32/G32B			K	L4	76.9mm x 86mm					
98 1597cc (1.6) Mits 4G32/G32B			Y	L4	76.9mm x 86mm					
98 1597cc (1.6) Mits 4G32/G32B Turbo			Z	L4	76.9mm x 86mm					
<b>Rod</b>										
	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	<b>4B1146</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	<b>5M1144</b> Std. .25 .50 .75 1.0	
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L		
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH		
<i>Overflange length remains constant for standard and undersizes.</i>										
<b>Balance Shaft</b>										
RHF	38.974/1.5344 (Max.)	42.024/1.6545 (Max.)	1.506/0.0593	.020/.0008 .076/.0030	19.25/0.758	F830	1	SH1465	<b>3BS8385</b> Std.	
RHR, LHR	35.977/1.4164 (Max.)	39.025/1.5364 (Max.)	1.496/0.0589	.043/.0017 .099/.0039	16.00/0.630	F830	2	SH1466		

# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 3 (Cont'd.)

5SC761 Std.	1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L

### 4 ENGINE

105 (1.7) VW Eng.  
105 (1.7) VW Eng.

VIN CYL Bore x Stroke TORQUE SETTINGS  
A L4 79.5mm x 86mm Connecting Rod 33 ft. lbs./45 Nm  
B L4 79.5mm x 86mm Main Bearing 47 ft. lbs/64 Nm

4B1636 Std. .25 .50 .75 1.0	Rod								
		45.949/1.8090 45.969/1.8098	49.000/1.9291 49.017/1.9298	1.506/0.0593	.018/.0007 .082/.0032	19.00/0.748	F780	8	1636 IH
5M1645 Std. .25 .50 .75 1.0	Main - for engines requiring full groove in #4 position.								
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
	3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	24.93/0.981	F780	2	1645 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
RB4053 Semi	Small End - not bored, single pieces.								
		21.996/0.8660 22.000/0.8661	25.000/0.9843 25.033/0.9855			25.00/0.984	F100	1	RB4053
2BS7006 Semi	AR Auxiliary - Semi finished in I.D.								
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120			15.00/0.591	F23	1	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726			15.00/0.591	F23	1	7007
2C1209S Std.	AR Auxiliary - Finished in I.D.								
	1	42.959/1.6913 42.974/1.6919	45.999/1.8110 46.025/1.8120	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-1
	2	41.958/1.6519 41.974/1.6525	44.999/1.7716 45.024/1.7726	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-2

### 5 ENGINE

107 1754cc (1.8) Mits 4G37 T L4 80.6mm x 86mm Connecting Rod 23-25 ft.lbs/31-34 Nm  
107 1755cc (1.8) Mits 4G37 B L4 80.6mm x 86mm Main Bearing 36-40 ft.lbs/49-54 Nm  
107 1755cc (1.8) Mits 4G37 T L4 80.6mm x 86mm

4B1146 Std. .25 .50 .75 1.0	Rod								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH
5M1144 Std. .25 .50 .75 1.0	Main - half groove bearing set.								
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **5**

**Main - full groove bearing set.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH	<b>5M1147</b> Std. .25 .50 .75 1.0
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	

Overflange length remains constant for standard and undersizes.

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**6**
**112 1834cc (1.8) Mits 4G93  
112 1834cc (1.8) Mits 4G93**
**C L4 81mm x 89mm  
D L4 81mm x 89mm**
**Connecting Rod 15 ft.lbs/20 Nm + 1/4 turn  
Main Bearing 18 ft.lbs/25 Nm + 1/4 turn** Tighten main bearing caps from center, working towards end caps.

**Rod - To be superceded by 4B8036A when stock exhausted.**

	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/0.0587	.016/.0006 .077/.0030	16.80/0.661	F780	8	8036 IH	<b>4B8036</b> Std. .25 .50 .75 1.0
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**Rod - High Strength Aluminum Silicon material.**

	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/0.0587	.016/.0006 .077/.0030	16.80/0.661	F810	8	8036A IH	<b>4B8036A</b> Std. .25 .50 .75 1.0
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**Main - To be superceded by 5M8037A when stock exhausted.**

1-5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/0.0784	.018/.0007 .080/.0031	19.13/0.753	F780	10	8037 U/L	<b>5M8037</b> Std. .25 .50
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**Main - High Strength Aluminum Silicon material.**

1-5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/0.0784	.018/.0007 .080/.0031	19.13/0.753	F810	10	8037A U/L	<b>5M8037A</b> Std. .25 .50 .75 1.0
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**Thrust**

3	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803			1.98/0.078	F817	2	8037T IH	<b>1T8037</b> Std.
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Set includes 2 pieces, use on number 3 position. Required with 5M8037.

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**7**
**122 1995cc (2.0) Mits 4G52/G52B  
122 1997cc (2.0) Mits 4G52/G52B  
122 1997cc (2.0) Mits 4G52/G52B**
**U L4 84mm x 90mm  
5 L4 84mm x 90mm  
U L4 84mm x 90mm**
**Connecting Rod 33-34 ft.lbs/45-47 Nm  
Main Bearing 55-61 ft.lbs/75-83 Nm**
**Rod**

	52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH	<b>4B1136</b> Std. .25 .50 .75 1.0
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**Main - to suit engines with 66mm/2.5984" journals 76 - 7/78.**

1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	25.13/0.989	F780	8	1137 U/L	<b>5M1137</b> Std. .25 .50 .75 1.0
3 (FI)	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	30.95/1.219	F780	2	1138 IH	

Overflange length remains constant for standard and undersizes.

**Main - to suit engines with 60mm/2.3622" journals 8/78 - on.**

1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	<b>5M1139</b> Std. .25 .50 .75 1.0
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	30.95/1.219	F820	2	1135AL IH	

Overflange length remains constant for standard and undersizes.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>7 (Cont'd.)</b>										
<b>5M1143</b> .25 .50 .75 1.0	<b>Main - optional set to 5M1139 with overflange length increase for undersizes. *See below for dimensional information.</b>									
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
	3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	(See Table)	F820	2	1143AL IH	
	<b>* DIMENSIONAL INFORMATION FOR 5M1143</b>									
			<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
			0.25 mm u/s shaft			1.223"/31.05mm +0.004"/0.10mm				
			0.50 mm u/s shaft			1.226"/31.13mm +0.007"/0.18mm				
			0.75 mm u/s shaft			1.229"/31.21mm +0.010"/0.25mm				
			1.00 mm u/s shaft			1.232"/31.29mm +0.013"/0.34mm				
<b>1BS8288</b> Std.	<b>Balance Shaft - repair bushing. Single piece +.173" OD. Line bore housing to 1.985"/1.986".</b>									
		43.009/1.6933 43.025/1.6939	50.419/1.9850 50.444/1.9860	3.680/0.1450	.025/.0010 .089/.0035	20.24/0.797	F23	1	8288 OOD	
<b>3BS8288</b> Std. .25	<b>Balance Shaft - grooved number 2 &amp; 3 position bearings.</b>									
	2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288	
	1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	
<b>3BS8369</b> Std. .25	<b>Balance Shaft - ungrooved number 2 &amp; 3 position bearings.</b>									
	2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8369	
	1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	
<b>5SC761</b> Std.	<b>Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).</b>									
	1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L	
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U	
	2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L	
<b>8 ENGINE</b>										
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>122 1997cc (2.0) Mits 4G63/G63B</b>		<b>D</b>	<b>L4</b>	<b>85mm x 88mm</b>	<b>Connecting Rod 14 ft.lbs + 90 deg. (1993-94 only)</b>					
<b>122 1997cc (2.0) Mits 4G63 DOHC</b>		<b>E</b>	<b>L4</b>	<b>85mm x 88mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm (1983-88 only)</b>					
<b>122 1997cc (2.0) Mits 4G63 DOHC Turbo</b>		<b>F</b>	<b>L4</b>	<b>85mm x 88mm</b>	<b>Connecting Rod 36-39 ft.lbs/49-53 Nm (1989-92 only)</b>					
<b>122 1997cc (2.0) Mits 4G63 DOHC</b>		<b>R</b>	<b>L4</b>	<b>85mm x 88mm</b>	<b>Main Bearing 37-39 ft.lbs/50-53 Nm (SOHC engines)</b>					
<b>122 1997cc (2.0) Mits 4G63 DOHC Turbo</b>		<b>U</b>	<b>L4</b>	<b>85mm x 88mm</b>	<b>Main Bearing 47-51 ft.lbs/64-69 Nm (DOHC engines)</b>					
<b>122 1997cc (2.0) Mits 4G63/G63B</b>		<b>V</b>	<b>L4</b>	<b>85mm x 88mm</b>						
<b>4B1146</b> Std. .25 .50 .75 1.0	<b>Rod - For engines to 1984-5/92 only.</b>									
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	
<b>4B1185</b> Std. .25 .50 .75 1.0	<b>Rod - For engines from 6/92-94.</b>									
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH	
<b>5M1144</b> Std. .25 .50 .75 1.0	<b>Main - for engines 1984-5/92 only - half groove.</b>									
	1,2,4,5	56.980/2.2433 61.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1144A L	
	3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH	
<i>Overflange length remains constant for standard and undersizes.</i>										

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **8**

**Main - for engines 1984-5/92 only - full groove.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.00/0.906	F810	8	1147A IH
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1148A IH

Overflange length remains constant for standard and undersizes.

**5M1147**  
Std. .25 .50 .75 1.0

**Main - for engines from 6/92-94.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	25.40/1.000	F810	2	1187A IH

Overflange length remains constant for standard and undersizes.

**5M1186**  
Std. .25 .50 .75 1.0

**Main - Alt set to 5M1186 with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	25.65/1.010	F810	2	1213A IH

Stock not available from fee warehouses.

**5M1213**  
.25 .50 .75 1.0

**\* DIMENSIONAL INFORMATION FOR 5M1213**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.50 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
0.75 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm
1.00 mm u/s shaft	1.010"/25.65mm	+0.010"/0.25mm

**Balance Shaft - for engines from 1984-7/85.**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
RHR, LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	2	8388

**3BS8387**  
Std.

**Balance Shaft - for engines from 8/85-94.**

RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389

**3BS8389**  
Std. .25 .50

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
122 1996cc (2.0) 16V SOHC	C	L4	87.5mm x 83mm	Connecting Rod 20 ft.lbs + 90 deg
122 1996cc (2.0) 16V DOHC	Y	L4	87.5mm x 83mm	Main Bearing 22 ft.lbs M8 bolts with bedplate
122 1996cc (2.0) 16V SOHC (ECB)	C	L4	87.5mm x 83mm	Main Bearing 30 ft.lbs + 90 deg M10 bolts only
122 1996cc (2.0) 16V DOHC (ECC)	Y	L4	87.5mm x 83mm	Main Bearing 40 ft.lbs M10 bolts with bedplate Main Bearing 60 ft.lbs M11 bolts only

**9**

Rod	47.991/1.8894 48.006/1.8900	50.991/2.0075 51.006/2.0081	1.490/0.0587	.005/.0002 .061/.0024	20.50/0.807	F780	8	7171 IH
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**4B1635P**  
Std. .25 .50 .75 1.0

**Rod - .002" oversize OD version of 4B1635P.**

Rod	47.991/1.8894 48.006/1.8900	51.041/2.0095 51.056/2.0101	1.640/0.0646 (@ .25 mm u/s)	.005/.0002 .061/.0024	20.50/0.807	F780	8	9091 IH
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**4B1635PO/S2**  
Std. .25 .50 .75

**Main - suits engines from 1996 on.**

1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	8	4342 U/L
3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	26.26/1.034	F780	2	4343 U/L

Overflange length remains constant for standard and undersizes.

**5M2028P**  
Std. .25 .50 .75

# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 9 (Cont'd.)

<b>5M2028PO/S2</b> .25 .50 .75	<b>Main - .002" oversize OD version of 5M2028P.</b>								
	1,2,4,5	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	19.96/0.786	F780	8	9093 U/L
	3 (FI)	51.991/2.0469 52.006/2.0475	56.048/2.2066 56.058/2.2070	2.011/0.0792 (@ STD u/s)	.018/.0007 .071/.0028	26.26/1.034	F780	2	9094 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M4372P</b> Std. .25 .50 .75	<b>Main - 1995 engines only (opposite tang position in lower half).</b>								
	1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .071/.0028	19.96/0.786	F780	4	4372 L
	1,2,4,5	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	19.96/0.786	F780	4	4342 U
	3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4373 L
	3 (FI)	51.991/2.0469 52.006/2.0475	55.997/2.2046 56.007/2.2050	1.986/0.0782	.018/.0007 .072/.0028	26.26/1.034	F780	1	4343 U
<b>5C1004S</b> Std.	<b>Cam - SOHC Engines only.</b>								
	1	41.123/1.6190 41.145/1.6199	43.269/1.7035 (Nominal)	1.026/0.0404		20.70/0.815	F23	1	PDA-3-1
	2	41.504/1.6340 41.529/1.6350	43.675/1.7195 (Nominal)	1.031/0.0406		19.68/0.775	F23	1	PDA-3-2
	3	41.910/1.6500 41.935/1.6510	44.056/1.7345 (Nominal)	1.021/0.0402		19.68/0.775	F23	1	PDA-3-3
	4	42.316/1.6660 42.367/1.6680	44.463/1.7505 (Nominal)	1.026/0.0404		19.68/0.775	F23	1	PDA-3-4
	5	42.723/1.6820 42.746/1.6829	44.869/1.7665 (Nominal)	1.026/0.0404		18.92/0.745	F23	1	PDA-3-5

## 10 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
135 (2.2) SOHC	8	L4	87.5mm x 92mm	Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn Main Bearing 30 ft.lbs/41 Nm + 1/4 turn
135 (2.2) SOHC	B	L4	87.5mm x 92mm	
135 (2.2) SOHC	C	L4	87.5mm x 92mm	
135 (2.2) SOHC	D	L4	87.5mm x 92mm	
135 (2.2) SOHC Turbo	E	L4	87.5mm x 92mm	
153 2507cc (2.5) SOHC Turbo	J	L4	87.5mm x 104mm	
153 2507cc (2.5) SOHC	K	L4	87.5mm x 104mm	
153 2507cc (2.5) SOHC	V	L4	87.5mm x 104mm	

<b>4B1269P</b> Std. 10 20 30 40	<b>Rod</b>								
		49.980/1.9677 50.005/1.9687	52.989/2.0862 53.007/2.0869	1.483/0.0584	.018/.0007 .087/.0034	20.04/0.789	F780	8	4360 IH
<b>5M1533P</b> Std. 10 20 30 40	<b>Main</b>								
	1,2,4,5	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	21.46/0.845	F780	8	4358 IH
	3 (FI)	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	27.86/1.097	F780	2	4359 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M4369P</b> 10 20 30 40	<b>Main - optional set to 5M1533P with +0.010" overflange length increase. *See below for dimensional information.</b>								
	1,2,4,5	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	21.46/0.845	F780	8	4358 IH
	3 (FI)	59.987/2.3617 60.013/2.3627	63.990/2.5193 64.008/2.5200	1.976/0.0778	.025/.0010 .095/.0037	28.12/1.107	F780	2	4369 IH
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M4369P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.010" u/s shaft	1.107"	+0.010"			
				.020" u/s shaft	1.107"	+0.010"			
				.030" u/s shaft	1.107"	+0.010"			
				.040" u/s shaft	1.107"	+0.010"			



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 10**
**Balance Shaft - 2.5L engines only.**

	42.012/1.6540 (Nominal)	45.350/1.7854 45.410/1.7878	2.032/0.0800 (Semi)		22.10/0.870	F23	2	PDG-29-1	<b>2BS1403S</b> Semi
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**Balance Shaft - 2.2L engines only.**

1	42.670/1.6799 42.695/1.6809	45.970/1.8098 46.030/1.8122	1.633/0.0643		19.05/0.750	F23	1	PDG-26-1	<b>2C026S</b> Std.
2	19.670/0.7744 19.693/0.7753	22.970/0.9043 23.030/0.9067	1.633/0.0643		21.08/0.830	F23	1	PDG-26-2	

**ENGINE**
**VIN CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

<b>148 2429cc (2.4) DOHC</b>	<b>B</b>	<b>L4</b>	<b>87.5mm x 101mm</b>	<b>Connecting Rod 21 ft.lbs/28 Nm + 90 deg turn</b>
<b>148 2429cc (2.4) DOHC</b>	<b>X</b>	<b>L4</b>	<b>87.5mm x 101mm</b>	<b>Main Bearing 25 ft.lbs/34 Nm (M8 Bedplate Bolts)</b>
<b>148 2429cc (2.4) DOHC (EDZ)</b>	<b>X</b>	<b>L4</b>	<b>87.5mm x 101mm</b>	<b>Main Bearing 30 ft.lbs/41 Nm + 90 deg turn (M11 Main Cap Bolts)</b>

**11**
**Rod**

	50.007/1.9688 50.025/1.9695	52.995/2.0864 53.007/2.0869	1.483/0.0584	.004/.0002 .060/.0024	20.13/0.793	F780	8	4565 IH	<b>4B4565P</b> Std. .25 .50 .75 1.0
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**Rod - .002" oversize OD version of 4B4565P.**

	50.007/1.9688 50.025/1.9695	53.045/2.0884 53.057/2.0889	1.633/0.0643 (@ 0.25 mm u/s)	.004/.0002 .060/.0024	20.13/0.793	F780	8	9096 IH	<b>4B4565PO/S2</b> .25 .50 .75 1.0
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**Main**

1,2,4,5	59.992/2.3619 60.007/2.3625	64.000/2.5197 64.013/2.5202	1.984/0.0781	.018/.0007 .058/.0023	21.62/0.851	F780	8	7312 IH	<b>5M7313P</b> Std. .25 .50 .75
3 (FI)	59.992/2.3619 60.007/2.3625	64.000/2.5197 64.013/2.5202	1.984/0.0781	.017/.0007 .058/.0023	27.86/1.097	F780	2	7313 U/L	

*Overflange length remains constant for standard and undersizes.*
**Main - .002" oversize OD version of 5M7313P.**

1,2,4,5	50.992/2.0076 60.007/2.3625	64.051/2.5217 64.063/2.5222	2.134/0.0840 (@ 0.25mm u/s)	.018/.0007 .058/.0023	21.62/0.851	F780	8	9097 IH	<b>5M7313PO/S2</b> .25 .50 .75
3 (FI)	59.992/2.3619 60.007/2.3625	64.051/2.5217 64.063/2.5222	2.134/0.0840 (@ 0.25mm u/s)	.017/.0007 .058/.0023	27.86/1.097	F780	2	9098 U/L	

*Overflange length remains constant for standard and undersizes.*
**ENGINE**
**VIN CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

<b>2351cc (2.4) Mits 4G64 (16V SOHC)</b>	<b>G</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Connecting Rod 14 ft.lbs + 90 deg. (1993-94 SOHC engines)</b>
<b>2351cc (2.4) Mits 4G64 (8V SOHC)</b>	<b>W</b>	<b>L4</b>	<b>86.5mm x 100mm</b>	<b>Connecting Rod 23-25 ft.lbs/31-34 Nm (1992 engines)</b>
				<b>Main Bearing 18 ft.lbs + 90 deg. (1993-94 SOHC engines)</b>
				<b>Main Bearing 36-40 ft.lbs/49-54 Nm (1992 engines)</b>

**12**
**Rod - For engines from 1992-5/92 only.**

	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.494/0.0588	.012/.0005 .067/.0026	23.50/0.925	F810	8	1146A IH	<b>4B1146</b> Std. .25 .50 .75 1.0
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**Rod - For engines from 6/92-94 only.**

	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.493/0.0588	.016/.0006 .078/.0031	21.10/0.831	F810	8	1185A IH	<b>4B1185</b> Std. .25 .50 .75 1.0
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**Main - for engines from 1992 - 5/92.**

1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1153A L	<b>5M1153</b> Std. .25 .50 .75
1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	23.01/0.906	F810	4	1147A U	
3 (FI)	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/0.0783	.020/.0008 .086/.0034	28.95/1.140	F810	2	1154A IH	

*Overflange length remains constant for standard and undersizes.*

# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>12 (Cont'd.)</b>									
<b>5M1186</b> Std. .25 .50 .75 1.0	<b>Main - for engines from 6/92-94 only.</b>								
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
	3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/0.0783	.020/.0008 .082/.0032	25.40/1.000	F810	2	1187A IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M1213</b> .25 .50 .75 1.0	<b>Main - Alt set to 5M1186 with +0.010" overflange length increase. * See below for dimensional information.</b>								
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	21.00/0.827	F810	8	1186A U/L
	3 (FI)	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/0.0833 (@ 0.25 mm u/s)	.020/.0008 .082/.0032	25.65/1.010	F810	2	1213A IH
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M1213</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
0.25 mm u/s shaft				1.010"/25.65mm	+0.010"/0.25mm				
0.50 mm u/s shaft				1.010"/25.65mm	+0.010"/0.25mm				
0.75 mm u/s shaft				1.010"/25.65mm	+0.010"/0.25mm				
1.00 mm u/s shaft				1.010"/25.65mm	+0.010"/0.25mm				
<b>3BS8389</b> Std. .25 .50	<b>Balance Shaft</b>								
	RHF	41.976/1.6526 (Max.)	45.024/1.7726 (Max.)	1.505/0.0593	.025/.0010 .079/.0031	19.00/0.748	F818	1	8387
	LHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8388
	RHR	40.967/1.6129 (Max.)	44.025/1.7333 (Max.)	1.495/0.0589	.025/.0010 .079/.0031	21.00/0.827	F818	1	8389
<b>13 ENGINE</b>									
<b>156 2555cc (2.6) Mits G54B</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
<b>156 2555cc (2.6) Mits G54B</b>			<b>7</b>	<b>L4</b>	<b>91.1mm x 98mm</b>	<b>Connecting Rod 32-35 ft.lbs/44-47 Nm</b> <b>Main Bearing 55-61 ft.lbs/74-83 Nm</b>			
<b>156 2555cc (2.6) Mits G54B</b>			<b>D</b>	<b>L4</b>	<b>91.1mm x 98mm</b>				
<b>156 2555cc (2.6) Mits G54B</b>			<b>F</b>	<b>L4</b>	<b>91.1mm x 98mm</b>				
<b>156 2555cc (2.6) Mits G54B</b>			<b>G</b>	<b>L4</b>	<b>91.1mm x 98mm</b>				
<b>156 2555cc (2.6) Mits G54B Turbo</b>			<b>H</b>	<b>L4</b>	<b>91.1mm x 98mm</b>				
<b>156 2555cc (2.6) Mits G54B Turbo</b>			<b>N</b>	<b>L4</b>	<b>91.1mm x 98mm</b>				
<b>156 2555cc (2.6) Mits G54B</b>			<b>W</b>	<b>L4</b>	<b>91.1mm x 98mm</b>				
<b>4B1136</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/0.0588	.021/.0008 .076/.0030	25.13/0.989	F820	8	1136AL IH
<b>5M1137</b> Std. .25 .50 .75 1.0	<b>Main - for 1978 engines with 66mm/2.5984" main journal diameter only.</b>								
	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	25.13/0.989	F780	8	1137 U/L
	3 (FI)	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/0.0783	.012/.0005 .078/.0031	30.95/1.219	F780	2	1138 IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M1139</b> Std. .25 .50 .75 1.0	<b>Main - for 1978-87 engines with 60mm/2.3622" main journal diameter only.</b>								
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L
	3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	30.95/1.219	F820	2	1135AL IH
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 13**
**Main - alternate set to 5M1139.**

1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1134AL U	<b>5M1143</b> Std. .25 .50 .75 1.0
1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	25.13/0.989	F820	4	1139AL L	
3 (FI)	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/0.0783	.020/.0008 .081/.0032	(See Table)	F820	2	1143AL IH	

*overflange width increases for undersizes. \*See below for dimensional information.*
**\* DIMENSIONAL INFORMATION FOR 5M1143**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.223"/31.05mm	+0.004"/0.10mm
0.50 mm u/s shaft	1.226"/31.13mm	+0.007"/0.18mm
0.75 mm u/s shaft	1.229"/31.21mm	+0.010"/0.25mm
1.00 mm u/s shaft	1.232"/31.29mm	+0.013"/0.34mm

**Balance Shaft - engine block repair bushing. Single piece +.173" O.D. Line bore housing to 1.985"-1.986".**

	43.009/1.6933 43.025/1.6939	50.419/1.9850 50.444/1.9860	3.680/0.1450	.025/.0010 .089/.0035	20.24/0.797	F23	1	8288 OOD	<b>1BS8288</b> Std.
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**Balance Shaft - bearing with groove.**

2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8288	<b>3BS8288</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	

**Balance Shaft - bearing without groove.**

2,3	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/0.0582		20.24/0.797	F818	2	8369	<b>3BS8369</b> Std. .25
1	22.959/0.9039 22.980/0.9047	26.000/1.0236 26.021/1.0244	1.505/0.0593		18.00/0.709	F818	1	8289	

**Cam Tower - Includes oil holes for upper position and wide bearings for #1 position. Line bore tunnel to 1.4966"/1.4976" (38.014/38.038mm).**

1	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	22.96/0.904	F23	2	SC762 U/L	<b>5SC761</b> Std.
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC761 U	
2,3,4,5	33.924/1.3356 33.950/1.3366	38.014/1.4966 38.038/1.4976	2.006/0.0790	.041/.0016 .104/.0041	20.14/0.793	F23	4	SC760 L	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**14**

<b>170 (2.8)</b>		<b>L6</b>	<b>3.40 x 3.13</b>	<b>Connecting Rod 45 ft.lbs/61 Nm</b> <b>Main Bearing 85 ft.lbs/115 Nm</b>
<b>170 (2.8)</b>	<b>A</b>	<b>L6</b>	<b>3.40 x 3.13</b>	
<b>198 (3.2)</b>	<b>B</b>	<b>L6</b>	<b>3.40 x 3.64</b>	
<b>225 (3.7) Forged Crankshaft</b>		<b>L6</b>	<b>3.40 x 4.13</b>	
<b>225 (3.7) Forged Crankshaft</b>	<b>B</b>	<b>L6</b>	<b>3.40 x 4.13</b>	
<b>225 (3.7) Forged Crankshaft</b>	<b>C</b>	<b>L6</b>	<b>3.40 x 4.13</b>	
<b>225 (3.7) Forged Crankshaft</b>	<b>E</b>	<b>L6</b>	<b>3.40 x 4.13</b>	

**Rod**

	55.537/2.1865 55.563/2.1875	58.737/2.3125 58.750/2.3130	1.578/0.0621	.018/.0007 .073/.0029	25.14/0.990	F820	12	4601AL IH	<b>6B606AL</b> Std. 10 20 30 40
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**Main**

1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.428/0.0956	.021/.0008 .075/.0030	26.39/1.039	F820	6	4602AL U/L	<b>4M517AL</b> Std. 10 20 30 40
3 (FI)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.432/0.0957	.016/.0006 .067/.0026	31.88/1.255	F820	2	4605AL U/L	

*Overflange length remains constant for standard and undersizes.*

# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>14 (Cont'd.)</b>									
<b>4C874S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		23.49/0.925	F23	1	PD-18-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.18/0.755	F23	1	PD-13-3
<b>RB2134Y</b> Semi	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-13-4
	<b>Small End - semi finished - single pieces.</b>								
		25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y

<b>15 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
181 2972cc (3.0) Mits 6G72 SOHC	3	V6	91.2mm x 76mm	Connecting Rod 38 ft.lbs/52 Nm Main Bearing 60 ft.lbs/81 Nm					

<b>6B1140</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		49.972/1.9674 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.493/0.0588	.015/.0006 .089/.0035	15.50/0.610	F810	12	1140A IH
<b>4M1149</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/0.0783	.020/.0008 .086/.0034	18.13/0.714	F810	8	1149A U/L
<b>2T1149</b> Std.	<b>Thrust</b>								
	3	66.000/2.5984 66.250/2.6083	77.450/3.0492 77.700/3.0590			1.98/0.078	F817	4	1149T U/L
<i>Note: Thrust set includes 4 pieces, use on No. 3 position. Required with 4M1149 main set.</i>									

<b>16 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
201 (3.3) OHV	J	V6	93mm x 81mm	Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn Main Bearing 30 ft.lbs/41 Nm + 1/4 turn					
201 (3.3) OHV	R	V6	93mm x 81mm						
201 (3.3) OHV (EGM)	G	V6	93mm x 81mm						
230 (3.8) OHV	L	V6	96mm x 87mm						
230 (3.8) OHV (EGH)	L	V6	96mm x 87mm						

<b>6B1410A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
		57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH
<b>4M1958P</b> .25 .50 .75 1.0	<b>Main - Alternate set to 4M1946P with +0.010" overflange length increase. *See below for dimensional information.</b>								
	1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	1948 U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.13/0.950	F780	2	1958 U/L
	<i>To be discontinued when stock exhausted.</i>								
<b>* DIMENSIONAL INFORMATION FOR 4M1958P</b>									
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
0.25 mm u/s shaft			0.950"		+0.010"				
0.50 mm u/s shaft			0.950"		+0.010"				
0.75 mm u/s shaft			0.950"		+0.010"				
1.00 mm u/s shaft			0.950"		+0.010"				
<b>4M7278A</b> Std. .25 .50 .75	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F810	6	1948A U/L
	2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	23.88/0.940	F810	2	7278A U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **16**

**Cam - supercedes 4C1405S. Set has OD groove on #2 & #3 position bearings.**

1	50.724/1.9970 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.643/0.0647		23.75/0.935	F23	1	PD-28-1	<b>4C1405BS</b> Std.
2	50.292/1.9800 50.343/1.9820	53.683/2.1135 53.708/2.1145	1.659/0.0653		15.62/0.615	F23	1	PD-28-2B	
3	49.911/1.9650 49.962/1.9670	53.302/2.0985 53.327/2.0995	1.659/0.0653		15.62/0.615	F23	1	PD-28-3B	
4	49.530/1.9500 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.643/0.0647		15.62/0.615	F23	1	PD-28-4	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**215 3497cc (3.5) SOHC (Cast Iron Block)**
**F**
**V6**
**96mm x 81mm**
**Connecting Rod 40 ft.lbs/54 Nm + 1/4 turn  
Main Bearing 30 ft.lbs/41 Nm + 1/4 turn**
**17**
**Rod - High Strength Aluminum Silicon material.**

	57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH	<b>6B1410A</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1,3,4	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	24.49/0.964	F780	6	MB3340P U/L	<b>4M2010P</b> Std. .25 .50 .75
2 (FI)	63.988/2.5192 64.013/2.5202	67.993/2.6769 68.014/2.6777	1.983/0.0781	.013/.0005 .051/.0020	28.70/1.130	F780	2	MB3471P U/L	

Overflange length remains constant for standard and undersizes.

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**215 3497cc (3.5) SOHC  
(Aluminum Block)**  
**215 3497cc (3.5) SOHC  
(Aluminum Block)**
**V6**
**V6**
**96.01mm x 81mm**  
**96.01mm x 81mm**
**Connecting Rod 40 ft.lbs + 90 deg**  
**Main Bearing 15 ft.lbs + 90 deg** 3.5L engines  
**Main Bearing 20 ft.lbs + 90 deg** 3.5L engines (Tray)  
**Main Bearing 21 ft.lbs** 3.5L engines (Side Bolts)

**18**
**Rod - High Strength Aluminum Silicon material.**

	57.988/2.2830 58.014/2.2840	60.993/2.4013 61.006/2.4018	1.483/0.0584	.013/.0005 .068/.0027	16.54/0.651	F810	12	1470A IH	<b>6B1410A</b> Std. .25 .50 .75 1.0
<b>Main</b>									
1-4	63.988/2.5192 64.013/2.5202	68.989/2.7161 69.009/2.7169	2.485/0.0978	.018/.0007 .056/.0022	17.58/0.692	F780	12	7182 U/L	<b>4M7182P</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
	71.100/2.7992 71.350/2.8090 (ID)	90.190/3.5508 90.440/3.5606 (OD)			2.06/0.081	F817	2	7172T U	<b>1T7172</b> Std. +.25

Note: Thrust set includes 2 pieces, use on No. 2 position. Required with 4M7182P main set.

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**225 3687cc (3.7) Cast Crankshaft** **B L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **C L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **D L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **E L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **F L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **G L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **H L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **J L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **K L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **L L6 3.40 x 4.13**  
**225 3687cc (3.7) Cast Crankshaft** **N L6 3.40 x 4.13**
**Connecting Rod 45 ft.lbs/61 Nm**  
**Main Bearing 85 ft.lbs/115 Nm**
**19**
**Rod**

	55.537/2.1865 55.563/2.1875	58.738/2.3125 58.750/2.3130	1.584/0.0624	.018/.0007 .071/.0028	18.29/0.720	F780	12	1214 IH	<b>6B1214AL</b> Std. 10 20 30 40
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# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>19 (Cont'd.)</b>									
<b>4M1419AL</b> Std. 10 20 30 40	<b>Main</b>								
	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	22.44/0.883	F780	6	2724 U/L
	3 (FI)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	28.14/1.108	F780	2	2725 U/L
<i>Overflange length remains constant for standards and undersizes.</i>									
<b>4M2723P</b> 40	<b>Main - Alt set to 4M1419AL with +0.010" overflange length increase. * See below for dimensional information.</b>								
	3 (FI)	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	28.39/1.118	F780	2	2723 U/L
	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/0.0959	.013/.0005 .066/.0026	22.44/0.883	F780	6	2724 U/L
<i>To be discontinued when stock exhausted.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M2723P</b>									
		Overall Width (Nominal)			Increase in Width				
		.040" u/s shaft			1.118" +0.010"				
<b>4C1115S</b> Std.	<b>Cam - engines from 1979-1983.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.625/0.0640		19.94/0.785	F23	1	PD-21-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.625/0.0640		16.00/0.630	F23	1	PD-21-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.625/0.0640		16.00/0.630	F23	1	PD-21-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-13-4
<b>4C874S</b> Std.	<b>Cam - engines from 1976-1978.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		23.49/0.925	F23	1	PD-18-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.18/0.755	F23	1	PD-13-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-13-4
<b>RB2134Y</b> Semi	<b>Small End - semi finished - single pieces.</b>								
		25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y
<b>20 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
273 (4.5)			V8	3.63 x 3.31	Connecting Rod 45-50 ft.lbs/61-68 Nm Main Bearing 80-85 ft.lbs/108-115 Nm				
273 (4.5)		D	V8	3.63 x 3.31					
276			V8	3.75 x 3.13					
303 (5.0)			V8	3.81 x 3.31					
318 (5.2)			V8	3.91 x 3.31					
318 (5.2)		F	V8	3.91 x 3.31					
318 (5.2)		G	V8	3.91 x 3.31					
<b>8B481P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH
<b>8B481PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B481P.</b>								
		53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **20**

**Main - Alt set to 5M540P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L
3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	29.51/1.162	F780	2	4355 U/L
5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 5M2036P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.162"	+0.010"
.030" u/s shaft	1.162"	+0.010"

**Main - flange O.D. 3.375"**

1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L
3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	29.26/1.152	F780	2	4353 U/L
5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L

Overflange length remains constant for standard and undersizes.

**Cam**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5

**Small End - semi finished - single pieces.**

	25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y
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**5M2036P**  
20 30

**5M540P**  
Std. 10 20 30 40

**5C875S**  
Std.

**RB2134Y**  
Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
318 (5.2)	4	V8	3.91 x 3.31	<b>Connecting Rod 45-50 ft.lbs/61-68 Nm</b> <b>Main Bearing 85-90 ft.lbs/115-122 Nm</b>					
318 (5.2)	E	V8	3.91 x 3.31						
318 (5.2)	G	V8	3.91 x 3.31						
318 (5.2)	H	V8	3.91 x 3.31						
318 (5.2)	K	V8	3.91 x 3.31						
318 (5.2)	L	V8	3.91 x 3.31						
318 (5.2)	M	V8	3.91 x 3.31						
318 (5.2)	N	V8	3.91 x 3.31						
318 (5.2)	P	V8	3.91 x 3.31						
318 (5.2)	R	V8	3.91 x 3.31						
318 (5.2)	S	V8	3.91 x 3.31						
318 (5.2)	T	V8	3.91 x 3.31						
318 (5.2)	U	V8	3.91 x 3.31						
318 (5.2)	Z	V8	3.91 x 3.31						

**21**

**Rod**

	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH
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**Rod - .002" oversize OD version of 8B481P.**

	53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH
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**8B481P**  
Std. 01 10 20 30 40

**8B481PO/S2**  
10 20 30 40

# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>21 (Cont'd.)</b>									
<b>5M1344P</b> Std. 01 10 20 30 40	<b>Main - flange O.D. 3.530"</b>								
	1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	22.27/0.877	F780	6	4352 U/L
	3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	2703 U
	3 (FI)	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.025/.0010 .089/.0035	29.26/1.152	F780	1	4357 L
	5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/0.0959	.005/.0002 .069/.0027	33.70/1.327	F780	2	4354 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5C1112S</b> Std.	<b>Cam - engines from 1980-89.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		16.00/0.630	F23	1	PD-25-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		15.75/0.620	F23	1	PD-25-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		15.75/0.620	F23	1	PD-25-4
<b>5C875S</b> Std.	<b>Cam - engines from 1974-1979.</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4
<b>RB2134Y</b> Semi	<b>Small End - semi finished, single pieces.</b>								
		25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y
<b>22 ENGINE</b>									
<b>340 (5.6)</b>		<b>VIN H V8</b>		<b>Bore x Stroke 4.04 x 3.31</b>		<b>TORQUE SETTINGS</b>			
<b>340 (5.6)</b>		<b>P V8</b>		<b>4.04 x 3.31</b>		<b>Connecting Rod 45-50 ft.lbs/61-68 Nm</b>			
						<b>Main Bearing 80-85 ft.lbs/108-115 Nm</b>			
<b>8B481P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH
<b>8B481PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B481P.</b>								
		53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH
<b>5M963P</b> Std. 10 20 30	<b>Main - flange O.D. 3.375"</b>								
	1,2,4	63.487/2.4995 63.512/2.5005	68.389/2.6925 68.402/2.6930	2.436/0.0959	.013/.0005 .076/.0030	22.27/0.877	F780	6	MB2283P U/L
	3 (FI)	63.487/2.4995 63.512/2.5005	68.389/2.6925 68.402/2.6930	2.436/0.0959	.013/.0005 .065/.0026	29.26/1.152	F780	2	MB2036P U/L
	5	63.487/2.4995 63.512/2.5005	68.389/2.6925 68.402/2.6930	2.436/0.0959	.013/.0005 .065/.0026	33.70/1.327	F780	2	MB2559P U/L
<i>Overflange length remains constant for standard and undersizes.</i>									



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 22**
**Cam**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5

**5C875S  
Std.**
**Small End**

	25.009/0.9846 (Finish ID Bore Size)	26.378/1.0385 (Nominal)			30.48/1.200	F100	1	2134Y
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**RB2134Y  
Semi**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>350 (5.7)</b>		<b>V8</b>	<b>4.06 x 3.38</b>	<b>Connecting Rod 45 ft.lbs/61 Nm Main Bearing 85 ft.lbs/115 Nm</b>					
<b>361 (5.9)</b>		<b>V8</b>	<b>4.12 x 3.38</b>						
<b>383 (6.3)</b>		<b>V8</b>	<b>4.25 x 3.38</b>						
<b>383 (6.3)</b>	<b>G</b>	<b>V8</b>	<b>4.25 x 3.38</b>						
<b>383 (6.3)</b>	<b>H</b>	<b>V8</b>	<b>4.25 x 3.38</b>						
<b>383 (6.3)</b>	<b>L</b>	<b>V8</b>	<b>4.25 x 3.38</b>						
<b>383 (6.3)</b>	<b>N</b>	<b>V8</b>	<b>4.25 x 3.38</b>						
<b>400 (6.6)</b>	<b>J</b>	<b>V8</b>	<b>4.34 x 3.38</b>						
<b>400 (6.6)</b>	<b>M</b>	<b>V8</b>	<b>4.34 x 3.38</b>						
<b>400 (6.6)</b>	<b>N</b>	<b>V8</b>	<b>4.34 x 3.38</b>						
<b>400 (6.6)</b>	<b>P</b>	<b>V8</b>	<b>4.34 x 3.38</b>						

**23**
**Rod**

	60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/0.0623	.011/.0004 .075/.0030	23.67/0.932	F780	16	2466 IH
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**8B527P  
Std. 10 20 30 40**
**Main - To be discontinued when stock exhausted.**

1,2,4,5	66.662/2.6245 66.688/2.6255	71.564/2.8175 71.557/2.8180	2.428/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	MB2065P U/L
3 (FI)	66.662/2.6245 66.688/2.6255	71.564/2.8175 71.557/2.8180	2.428/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	MB2630P U/L

**5M1348P  
Std. 10**

Note : Some early 1974 400 engines have a smaller flanged bearing diameter of 3.450"/3.500" (use ACL Part No. 5M876P)

**Main - flange O.D. 3.450" for engines from 58-78.**

1,2,4,5	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.021/.0008 .085/.0033	24.10/0.949	F780	8	2467 U/L
3 (FI)	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.435/0.0959	.019/.0007 .083/.0033	31.09/1.224	F780	2	2468 U/L

**5M876P  
Std. 10 20 30 40**
**Cam**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5

**5C876S  
Std.**

# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>24 ENGINE</b>			<b>VIN CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
360 (5.9)			<b>1 V8</b>	<b>4.00 x 3.58</b>	<b>Connecting Rod 45 ft.lbs/61 Nm</b>					
360 (5.9)			<b>F V8</b>	<b>4.00 x 3.58</b>	<b>Main Bearing 85 ft.lbs/115 Nm</b>					
360 (5.9)			<b>J V8</b>	<b>4.00 x 3.58</b>						
360 (5.9)			<b>K V8</b>	<b>4.00 x 3.58</b>						
360 (5.9)			<b>L V8</b>	<b>4.00 x 3.58</b>						
360 (5.9)			<b>T V8</b>	<b>4.00 x 3.58</b>						
360 (5.9)			<b>U V8</b>	<b>4.00 x 3.58</b>						
360 (5.9)			<b>W V8</b>	<b>4.00 x 3.58</b>						
<b>8B481P</b> Std. 01 10 20 30 40	<b>Rod</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/0.0624	.005/.0002 .069/.0027	21.52/0.847	F780	16	2700 IH	
<b>8B481PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B481P.</b>	53.950/2.1240 53.975/2.1250	57.201/2.2520 57.214/2.2525	1.737/0.0684 (@ .010" u/s)	.006/.0002 .070/.0028	21.52/0.847	F780	16	9090 IH	
<b>5M1051P</b> Std. 10 20 30 40	<b>Main - for engines 1971-73 (flange O.D. = 3.680").</b>	1,2,4 3 (FI) 5	71.361/2.8095 71.387/2.8105 71.361/2.8095 71.387/2.8105 71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030 76.264/3.0025 76.276/3.0030 76.264/3.0025 76.276/3.0030	2.431/0.0957 2.431/0.0957 2.431/0.0957	.015/.0006 .079/.0031 .015/.0006 .079/.0031 .015/.0006 .079/.0031	22.28/0.877 29.26/1.152 31.98/1.259	F780 F780 F780	6 2 2	2707 U/L 2708 U/L 2709 U/L
<b>5M1266P</b> Std. 01 10 20 30	<b>Main - for engines 1974-83 (flange O.D. = 3.910")</b>	1,2,4 3 (FI) 5	71.361/2.8095 71.387/2.8105 71.361/2.8095 71.387/2.8105 71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030 76.264/3.0025 76.276/3.0030 76.264/3.0025 76.276/3.0030	2.431/0.0957 2.431/0.0957 2.431/0.0957	.015/.0006 .079/.0031 .015/.0006 .079/.0031 .015/.0006 .079/.0031	22.28/0.877 29.26/1.152 31.98/1.259	F780 F780 F780	6 2 2	2705 IH 2706 U/L 2709 U/L
<b>5M2715P</b> 10 20 30 40	<b>Main - Alt set to 5M1266P with +0.010" overflange length increase. * See below for dimensional information.</b>	1,2,4 3 (FI) 5	71.361/2.8095 71.387/2.8105 71.361/2.8095 71.387/2.8105 71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030 76.264/3.0025 76.276/3.0030 76.264/3.0025 76.276/3.0030	2.558/0.1007 (@ .010" u/s) 2.558/0.1007 (@ .010" u/s) 2.558/0.1007 (@ .010" u/s)	.015/.0006 .079/.0031 .015/.0006 .079/.0031 .015/.0006 .079/.0031	22.28/0.877 29.52/1.162 31.98/1.259	F780 F780 F780	6 2 2	2705 IH 2715 U/L 2709 U/L
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M2715P</b>										
<b>Overall Width (Nominal)      Increase in Width</b>										
.010" u/s shaft      1.162"      +0.010"										
.020" u/s shaft      1.162"      +0.010"										
.030" u/s shaft      1.162"      +0.010"										
.040" u/s shaft      1.162"      +0.010"										
<b>5C1112S</b> Std.	<b>Cam - for engines from 1980-83.</b>	1 2 3 4 5	50.750/1.9980 50.775/1.9990 50.343/1.9820 50.368/1.9830 49.962/1.9670 49.987/1.9680 49.555/1.9510 49.581/1.9520 39.637/1.5605 39.662/1.5615	54.090/2.1295 54.115/2.1305 53.683/2.1135 53.708/2.1145 53.302/2.0985 53.327/2.0995 52.895/2.0825 52.921/2.0835 42.977/1.6920 43.002/1.6930	1.638/0.0645 1.638/0.0645 1.638/0.0645 1.638/0.0645 1.638/0.0645	22.35/0.880 16.00/0.630 15.75/0.620 15.75/0.620 24.00/0.945	F23 F23 F23 F23 F23	1 1 1 1 1	PD-16-1 PD-25-2 PD-25-3 PD-25-4 PD-9-5	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 24**
**Cam - for engines from 1971-79.**

1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		22.35/0.880	F23	1	PD-16-1	<b>5C875S</b> Std.
2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.43/0.765	F23	1	PD-9-2	
3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		19.43/0.765	F23	1	PD-9-3	
4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.43/0.765	F23	1	PD-9-4	
5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/0.0645		24.00/0.945	F23	1	PD-9-5	

**25**

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
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<b>383 (6.3)</b>		<b>V8</b>	<b>4.03 x 3.75</b>	<b>Connecting Rod 45 ft.lbs/61 Nm</b> <b>Main Bearing 85 ft.lbs/115 Nm</b>
<b>426 (7.0) (Excl. Hemi)</b>		<b>V8</b>	<b>4.25 x 3.75</b>	
<b>426 (7.0) (Excl. Hemi)</b>	<b>J</b>	<b>V8</b>	<b>4.25 x 3.75</b>	
<b>426 (7.0) (Excl. Hemi)</b>	<b>R</b>	<b>V8</b>	<b>4.25 x 3.75</b>	
<b>440 (7.2)</b>		<b>V8</b>	<b>4.32 x 3.75</b>	
<b>440 (7.2)</b>	<b>D</b>	<b>V8</b>	<b>4.32 x 3.75</b>	
<b>440 (7.2)</b>	<b>K</b>	<b>V8</b>	<b>4.32 x 3.75</b>	
<b>440 (7.2)</b>	<b>L</b>	<b>V8</b>	<b>4.32 x 3.75</b>	
<b>440 (7.2)</b>	<b>T</b>	<b>V8</b>	<b>4.32 x 3.75</b>	
<b>440 (7.2)</b>	<b>U</b>	<b>V8</b>	<b>4.32 x 3.75</b>	
<b>440 (7.2)</b>	<b>V</b>	<b>V8</b>	<b>4.32 x 3.75</b>	

**Rod**

	60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/0.0623	.011/.0004 .075/.0030	23.67/0.932	F780	16	2466 IH	<b>8B527P</b> Std. 10 20 30 40
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**Main - for 1974-78 engines.**

1,2,4,5	69.837/2.7495 69.863/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	MB2067P U/L	<b>5M1277P</b> Std. 10 20 30
3 (FI)	69.837/2.7495 69.863/2.7505	74.739/2.9425 74.752/2.9430	2.428/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	MB2625P U/L	

Some early 1974 440 engines have a smaller flange diameter of 3.555/3.675" (use ACL Part No. 5M877P)

**Main - Alt set to 5M877P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,4,5	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.682/0.1056 (@ .020" u/s)	.028/.0011 .091/.0036	24.10/0.949	F780	8	4362 U/L	<b>5M4366P</b> 20 30 40
3 (FI)	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.682/0.1056 (@ .020" u/s)	.028/.0011 .091/.0036	31.34/1.234	F780	2	4366 U/L	

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M4366P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.234"	+0.010"
.030" u/s shaft	1.234"	+0.010"
.040" u/s shaft	1.234"	+0.010"

**Main - flange O.D. 3.624" for 1960-73.**

1,2,4,5	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	24.10/0.949	F780	8	4362 U/L	<b>5M877P</b> Std. 10 20 30 40
3 (FI)	69.837/2.7495 69.862/2.7505	74.740/2.9425 74.752/2.9430	2.430/0.0956	.028/.0011 .091/.0036	31.09/1.224	F780	2	4363 U/L	

Overflange length remains constant for standard and oversizes.

# PLYMOUTH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>25 (Cont'd.)</b>									
<b>5C876S</b> Std.	<b>Cam</b>								
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/0.0645		19.18/0.755	F23	1	PD-17-1
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/0.0645		19.18/0.755	F23	1	PD-12-2
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/0.0645		17.12/0.674	F23	1	PD-12-3
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/0.0645		19.18/0.755	F23	1	PD-12-4
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/0.0645		19.18/0.755	F23	1	PD-12-5

## PONTIAC ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line		
61 993cc (1.0).....	Suzuki G10T, Turbo	2	L3	87-91	1	231 (3.8).....	3800 TPI (Buick Eng.), Supercharged	1	V6	92-95	28		
61 993cc (1.0).....	Suzuki G10	5	L3	85-88	1	231 (3.8).....	Buick Eng.	2	V6	79-79	21		
61 993cc (1.0).....	Suzuki G10	6	L3	89-99	1	231 (3.8).....	Buick Eng.	3	V6	87-88	21		
61 993cc (1.0).....	Suzuki G10	M	L3	85-85	1	231 (3.8).....	Buick Eng., Turbo	7	V6	89-89	21		
79 1295cc (1.3).....	G13BA	2	L4	98-99	2	231 (3.8).....	Buick Eng.	A	V6	77-87	21		
79 1295cc (1.3).....	G13BA	9	L4	95-98	2	231 (3.8).....	3800 MFI/TPI (Buick Eng.)	C	V6	88-91	28		
85 1393cc (1.4).....	Chevrolet Eng.	I	L4	76-77	3	231 (3.8).....	Odd Fire (Buick Eng.)	C	V6	76-77	27		
92 1471cc (1.5).....	Isuzu 4XC1	7	L4	86-88	4	231 (3.8).....	3800 Series II (Buick Eng.)	K	V6	95-05	28		
92 1471cc (1.5).....	Isuzu 4XC1T, Turbo	9	L4	87-88	4	231 (3.8).....	3800 MFI/TPI (Buick Eng.)	L	V6	92-95	28		
92 1471cc (1.5).....	Isuzu 4XC1	K	L4	85-85	4	250 (4.1).....	Chevrolet Eng.	L6	V6	68-69	29		
98 1588cc (1.6).....	OHC	6	L4	88-93	5	250 (4.1).....	Chevrolet Eng.	D	L6	70-71	29		
98 1588cc (1.6).....	Suzuki G16KV	6	L4	95-97	6	250 (4.1).....	Chevrolet Eng.	4	V6	82-82	21		
98 1588cc (1.6).....	Suzuki G16KV	U	L4	94-94	6	250 (4.1).....	Buick Eng.	T	V6	82-85	30		
98 (1.6).....	Chevrolet Eng.	9	L4	81-81	3	260 (4.3).....	Oldsmobile Eng., Diesel	F	V8	75-76	31		
98 (1.6).....	Chevrolet Eng.	C	L4	82-87	3	260 (4.3).....	Oldsmobile Eng.	Z	V6	85-87	32		
98 1606cc (1.6).....	Chevrolet Eng.	0	L4	79-80	3	262 (4.3).....	Chevrolet Eng.	S	V8	80-81	33		
98 1606cc (1.6).....	Chevrolet Eng.	9	L4	80-82	3	267 (4.4).....	Chevrolet Eng.	J	V8	79-82	34		
98 1606cc (1.6).....	Chevrolet Eng.	C	L4	82-87	3	301 (4.9).....	Turbo	T	V8	80-81	33		
98 1606cc (1.6).....	Chevrolet Eng.	E	L4	76-80	3	301 (4.9).....		W	V8	78-81	33		
1794cc (1.8).....	16V DOHC (1ZZFE)	8	L4	03-06	10	301 (4.9).....		Y	V8	77-79	33		
1795cc (1.8).....	16V DOHC (2ZZGE)	L	L4	03-06	11	305 (5.0).....	Chevrolet Eng.	7	V8	82-83	34		
110 1819cc (1.8).....	Isuzu 4FB1, Diesel	D	L4	81-86	9	305 (5.0).....	Chevrolet Eng.	E	V8	88-92	34		
112 (1.8).....	OHC	0	L4	82-86	8	305 (5.0).....	Chevrolet Eng.	F	V8	85-92	34		
112 (1.8).....	OHV Chevrolet Eng.	G	L4	82-82	7	305 (5.0).....	Chevrolet Eng.	G	V8	79-86	34		
112 (1.8).....	OHC, Turbo	J	L4	84-86	8	305 (5.0).....	Chevrolet Eng.	H	V8	79-87	34		
122 (2.0).....	OHV Chevrolet Eng.	1	L4	87-89	12	305 (5.0).....	Chevrolet Eng.	Q	V8	76-76	34		
122 (2.0).....	OHV Chevrolet Eng.	B	L4	83-84	12	305 (5.0).....	Chevrolet Eng.	S	V8	83-83	34		
122 (2.0).....	OHC	H	L4	92-94	8	305 (5.0).....	Chevrolet Eng.	U	V8	77-78	34		
122 (2.0).....	OHC	K	L4	87-91	8	307 (5.0).....	Chevrolet Eng.	CA	V8	71-71	34		
122 (2.0).....	OHC, Turbo	M	L4	87-90	8	307 (5.0).....	Chevrolet Eng.	F	V8	72-72	34		
122 (2.0).....	OHV Chevrolet Eng.	P	L4	83-86	12	307 (5.0).....	Oldsmobile Eng.	Y	V8	81-89	31		
134 (2.2).....	OHV Chevrolet Eng.	4	L4	95-02	14	325 5328cc (5.3)...	Chevrolet Eng.	C	V8	05-06	35		
134 (2.2).....	OHV Chevrolet Eng.	G	L4	90-91	14	326 (5.3).....			V8	63-67	36		
134 2198cc (2.2)...	Ecotec (L61)	F	L4	02-05	13	350 (5.7).....	Chevrolet Eng.	6	V8	85-85	34		
138 (2.3).....	SOHC (Quad 4)	3	L4	92-94	15	350 (5.7).....	Chevrolet Eng.	8	V8	87-92	34		
138 (2.3).....	DOHC (Quad 4)	D	L4	88-95	15	350 (5.7).....	Chevrolet Eng.	A	V8	74-74	36		
140 (2.3).....	DOHC (Quad 4 - H.O.)	A	L4	89-94	15	350 (5.7).....	Chevrolet Eng.	B	V8	74-74	36		
140 (2.3).....	SOHC Chevrolet Eng.	A	L4	75-76	16	350 (5.7).....	Chevrolet Eng.	E	V8	75-75	36		
140 (2.3).....	SOHC Chevrolet Eng.	B	L4	75-77	16	350 (5.7).....	Chevrolet Eng.	G	V8	98-02	35		
146 (2.4).....	DOHC (Quad 4)	T	L4	96-02	17	350 (5.7).....	Buick Eng.	H	V8	75-76	38		
151 2474cc (2.5)...		1	L4	78-79	18	350 (5.7).....	Buick Eng.	J	V8	75-76	38		
151 2474cc (2.5)...		2	L4	82-86	18	350 (5.7).....	Chevrolet Eng.	L	V8	76-79	34		
151 2474cc (2.5)...		5	L4	80-83	18	350 (5.7).....	Diesel	M	V8	72-76	36		
151 2474cc (2.5)...		9	L4	79-79	18	350 (5.7).....		N	V8	80-85	37		
151 2474cc (2.5)...		F	L4	82-83	18	350 (5.7).....		N	V8	72-74	36		
151 2474cc (2.5)...		R	L4	82-91	18	350 (5.7).....		P	V8	76-77	36		
151 2474cc (2.5)...		U	L4	85-91	19	350 (5.7).....		P	V8	76-77	36		
151 2474cc (2.5)...		V	L4	77-80	18	350 (5.7).....		P	V8	93-97	34		
173 (2.8).....	Chevrolet Eng.	1	V6	82-84	20	350 (5.7).....	Oldsmobile Eng.	R	V8	77-80	31		
173 (2.8).....	Chevrolet Eng.	7	V6	80-80	20	350 (5.7).....	Chevrolet Eng.	V	V8	76-76	34		
173 (2.8).....	Chevrolet Eng.	9	V6	85-88	20	350 (5.7).....	Buick Eng.	X	V8	78-80	38		
173 (2.8).....	Chevrolet Eng.	L	V6	83-84	20	350 (5.7).....	Chevrolet Eng.	U	V8	05-06	35		
173 (2.8).....	Chevrolet Eng.	S	V6	85-89	20	400 (6.6).....			V8	67-71	36		
173 (2.8).....	Chevrolet Eng.	W	V6	85-89	20	400 (6.6).....			N	V8	76-76	36	
173 (2.8).....	Chevrolet Eng.	X	V6	81-86	20	400 (6.6).....			P	V8	72-74	36	
173 (2.8).....	Chevrolet Eng.	Z	V6	82-84	20	400 (6.6).....			R	V8	72-75	36	
181 (3.0).....	Buick Eng.	L	V6	85-87	21	400 (6.6).....			S	V8	72-76	36	
189 (3.1).....	Chevrolet Eng.	D	V6	90-95	22	400 (6.6).....			T	V8	72-74	36	
189 (3.1).....	Chevrolet Eng.	J	V6	00-03	22	400 (6.6).....			X	V8	67-67	36	
189 (3.1).....	Chevrolet Eng.	M	V6	94-99	22	400 (6.6).....			Y	V8	67-67	36	
189 (3.1).....	Chevrolet Eng.	T	V6	88-94	22	400 (6.6).....			Z	V8	76-79	36	
189 (3.1).....	Chevrolet Eng., Turbo	V	V6	89-90	22	403 (6.6).....	Oldsmobile Eng.	K	V8	77-79	31		
200 (3.3).....	Chevrolet Eng.	M	V6	78-79	23	421 (6.9).....				V8	63-66	39	
204 (3.3).....	Buick Eng.	N	V6	92-93	24	428 (7.0).....				V8	67-69	39	
207 (3.4).....	OHV	E	V6	96-05	25	455 (7.5).....				V8	70-71	39	
207 (3.4).....	OHV	S	V6	93-95	25	455 (7.5).....				U	V8	72-72	39
207 (3.4).....	DOHC	X	V6	91-96	25	455 (7.5).....				W	V8	72-76	39
215 (3.5).....			L6	64-65	26	455 (7.5).....				X	V8	72-74	39
229 (3.8).....	Chevrolet Eng.	9	V6	83-83	23	455 (7.5).....				Y	V8	72-74	39
229 (3.8).....	Chevrolet Eng.	K	V6	80-81	23								
230 (3.8).....			L6	66-67	26								
231 (3.8).....	3800 Series II (Buick Eng.), Supercharged	1	V6	96-03	28								

## PONTIAC MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
	455		7.5		73	6000	151	2474	2.5		82-89

## PONTIAC MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
6000	173		2.8	Chevrolet Eng.	82-88	BONNEVILLE - SLE	231		3.8	3800 Series II (Buick Eng.)	04-05
	260		4.3	Oldsmobile Eng.	82-85	BONNEVILLE - SSE	231		3.8	3800 MFI/TPI (Buick Eng.)	88-91
6000 - LE	151	2474	2.5		82-91		231		3.8	3800 Series II (Buick Eng.)	96-98
	173		2.8	Chevrolet Eng.	82-89		231		3.8	3800 TPI (Buick Eng.)	92-95
	189		3.1	Chevrolet Eng.	90-91	BONNEVILLE - SSEI	231		3.8	3800 TPI (Buick Eng.)	92-93
6000 - SE	260		4.3	Oldsmobile Eng.	82-85		250		4.1	Chevrolet Eng.	77-79
	173		2.8	Chevrolet Eng.	86-89		229		3.8	Chevrolet Eng.	80
	189		3.1	Chevrolet Eng.	90-91		231		3.8	Buick Eng.	77-81
6000 - STE	173		2.8	Chevrolet Eng.	83-88		231		3.8	Odd Fire (Buick Eng.)	77
	189		3.1	Chevrolet Eng.	88-89		265		4.3		80-81
ACADIAN	85	1393	1.4	Chevrolet Eng.	76-77		267		4.4	Chevrolet Eng.	80-81
	98	1606	1.6	Chevrolet Eng.	76-77		301		4.9		77-80
	110	1819	1.8	Isuzu 4FB1	81-86		305		5.0	Chevrolet Eng.	80-81
ACADIAN - S	98	1606	1.6	Chevrolet Eng.	80-86		307		5.0	Oldsmobile Eng.	81
	110	1819	1.8	Isuzu 4FB1	86		350		5.7		70-81
ASTRE	140		2.3	SOHC Chevrolet Eng.	75-77		350		5.7	Buick Eng.	78-79
	151	2474	2.5		77		350		5.7	Oldsmobile Eng.	77-80
ASTRE - S	140		2.3	SOHC Chevrolet Eng.	75		400		6.6		67-78
	140		2.3	SOHC Chevrolet Eng.	75		403		6.6	Oldsmobile Eng.	77-78
ASTRE - S SAFARI	140		2.3	SOHC Chevrolet Eng.	75		421		6.9		63-66
	140		2.3	SOHC Chevrolet Eng.	75-77		428		7.0		67-69
ASTRE - SAFARI	140		2.3	SOHC Chevrolet Eng.	75-77		455		7.5		70-76
	151	2474	2.5		77	CATALINA - BROUGHAM	400		6.6		71-72
ASTRE - SJ	140		2.3	SOHC Chevrolet Eng.	75		455		7.5		72
	140		2.3	SOHC Chevrolet Eng.	75	CATALINA - SAFARI	267		4.4	Chevrolet Eng.	80-81
ASTRE - SJ SAFARI	140		2.3	SOHC Chevrolet Eng.	75		301		4.9		77-80
AZTEK	207		3.4	OHV	01-05		305		5.0	Chevrolet Eng.	80-81
AZTEK - GT	207		3.4	OHV	01		307		5.0	Oldsmobile Eng.	81
AZTEK - RALLY	207		3.4	OHV	04		350		5.7		72-81
BONNEVILLE	231		3.8	3800 Series II (Buick Eng.)	99-03		350		5.7	Buick Eng.	78-80
	231		3.8	Buick Eng.	80-87		350		5.7	Oldsmobile Eng.	77-80
	252		4.1	Buick Eng.	82		400		6.6		71-78
	262		4.3	Chevrolet Eng.	86		403		6.6	Oldsmobile Eng.	77-79
	265		4.3		80-81		455		7.5		71-76
	301		4.9		77-80	CATALINA - VENTURA	350		5.7		70
	305		5.0	Chevrolet Eng.	83-86		400		6.6		68-70
	307		5.0	Oldsmobile Eng.	81		428		7.0		68-69
	350		5.7		70-84		455		7.5		70
	350		5.7	Buick Eng.	78-79		455		7.5		70
	350		5.7	Oldsmobile Eng.	77-80	EXECUTIVE	350		5.7		70
	400		6.6		68-78		400		6.6		67-70
	403		6.6	Oldsmobile Eng.	77-79		428		7.0		67-69
	421		6.9		63-66		455		7.5		70
	428		7.0		67-69	EXECUTIVE - SAFARI	350		5.7		70
	455		7.5		70-76		400		6.6		68-70
BONNEVILLE - BROUGHAM	231		3.8	Buick Eng.	81-86		428		7.0		68-69
	252		4.1	Buick Eng.	82		455		7.5		70
	262		4.3	Chevrolet Eng.	86	FIERO	151	2474	2.5		84-88
	265		4.3		80-81		173		2.8	Chevrolet Eng.	88
	301		4.9		77-80	FIERO - GT	173		2.8	Chevrolet Eng.	85-88
	305		5.0	Chevrolet Eng.	83-86	FIERO - SE	151	2474	2.5		84-87
	307		5.0	Oldsmobile Eng.	81		173		2.8	Chevrolet Eng.	85-87
	350		5.7		77-84	FIERO - SPORT	151	2474	2.5		84-87
	350		5.7	Buick Eng.	78-80		173		2.8	Chevrolet Eng.	85
	350		5.7	Oldsmobile Eng.	77-80	FIREBIRD	151	2474	2.5		82-86
	400		6.6		76-78		230		3.8		67
	403		6.6	Oldsmobile Eng.	77-79		250		4.1	Chevrolet Eng.	68-76
	455		7.5		76		173		2.8	Chevrolet Eng.	82-89
BONNEVILLE - LE	231		3.8	3800 MFI/TPI (Buick Eng.)	88-91		189		3.1	Chevrolet Eng.	90-92
	231		3.8	Buick Eng.	84-88		207		3.4	OHV	93-95
	262		4.3	Chevrolet Eng.	86		231		3.8	3800 Series II (Buick Eng.)	95-02
	305		5.0	Chevrolet Eng.	84-86		231		3.8	Buick Eng.	78-81
	350		5.7		84		231		3.8	Odd Fire (Buick Eng.)	77
BONNEVILLE - SAFARI	301		4.9		79-80		265		4.3		80-81
	307		5.0	Oldsmobile Eng.	81		267		4.4	Chevrolet Eng.	81
	350		5.7		80-81		301		4.9		77-81
	350		5.7	Buick Eng.	79-80		305		5.0	Chevrolet Eng.	77-92
	350		5.7	Oldsmobile Eng.	79-80		326		5.3		67
	403		6.6	Oldsmobile Eng.	79		350		5.7		68-77
BONNEVILLE - SE	231		3.8	3800 MFI/TPI (Buick Eng.)	88-94		350		5.7	Chevrolet Eng.	78-88
	231		3.8	3800 Series II (Buick Eng.)	95-05		350		5.7	Oldsmobile Eng.	77

**PONTIAC MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
FIREBIRD	400		6.6		67-77	GRAND AM - SE	122		2.0	OHC	87-89
	403		6.6	Oldsmobile Eng.	77		134	2198	2.2	Ecotec	05
FIREBIRD - ESPRIT	250		4.1	Chevrolet Eng.	75-76		138		2.3	DOHC (Quad 4)	88-95
	231		3.8	Buick Eng.	78-81		138		2.3	SOHC (Quad 4)	92-94
	231		3.8	Odd Fire (Buick Eng.)	77		140		2.3	DOHC (Quad 4 - H.O.)	89-91
	265		4.3		80-81		146		2.4	DOHC (Quad 4)	96-98
	267		4.4	Chevrolet Eng.	81		151	2474	2.5		87
	301		4.9		77-81		181		3.0	Buick Eng.	86-87
	305		5.0	Chevrolet Eng.	77-80		189		3.1	Chevrolet Eng.	94-98
	350		5.7		70-77		204		3.3	Buick Eng.	92-93
	350		5.7	Chevrolet Eng.	78-79		207		3.4	OHV	05
	350		5.7	Oldsmobile Eng.	77	GRAND LEMANS	250		4.1	Chevrolet Eng.	75-76
	400		6.6		70-76		229		3.8	Chevrolet Eng.	80-81
	455		7.5		71		231		3.8	Buick Eng.	78-83
FIREBIRD - FIREHAWK	350		5.7	Chevrolet Eng.	98		231		3.8	Odd Fire (Buick Eng.)	77
FIREBIRD - FORMULA	231		3.8	Buick Eng.	81		252		4.1	Buick Eng.	82
	265		4.3		81		260		4.3	Oldsmobile Eng.	76
	267		4.4	Chevrolet Eng.	81		265		4.3		80-81
	301		4.9		77-81		267		4.4	Chevrolet Eng.	80-82
	305		5.0	Chevrolet Eng.	77-92		301		4.9		77-80
	350		5.7		72-77		305		5.0	Chevrolet Eng.	77-83
	350		5.7	Chevrolet Eng.	78-02		350		5.7		75-83
	350		5.7	Oldsmobile Eng.	77		350		5.7	Buick Eng.	75
	400		6.6		70-79		350		5.7	Oldsmobile Eng.	77
	403		6.6	Oldsmobile Eng.	77-79		400		6.6		75-77
	455		7.5		71-74		403		6.6	Oldsmobile Eng.	77
FIREBIRD - S/E	151	2474	2.5		82-84		455		7.5		75-76
	173		2.8	Chevrolet Eng.	82-86	GRAND LEMANS - BR	231		3.8	Buick Eng.	82-83
	305		5.0	Chevrolet Eng.	82-86		267		4.4	Chevrolet Eng.	82
FIREBIRD - TRANS AM	231		3.8	Buick Eng.	89		305		5.0	Chevrolet Eng.	76-83
	267		4.4	Chevrolet Eng.	81	GRAND LEMANS - LE	250		4.1	Chevrolet Eng.	77
	301		4.9		79-81		200		3.3	Chevrolet Eng.	78-79
	305		5.0	Chevrolet Eng.	80-92		229		3.8	Chevrolet Eng.	81
	350		5.7		70-75		267		4.4	Chevrolet Eng.	79-81
	350		5.7	Chevrolet Eng.	87-02		305		5.0	Chevrolet Eng.	81
	400		6.6		70-79		350		5.7	Chevrolet Eng.	76-77
	403		6.6	Oldsmobile Eng.	77-79	GRAND LEMANS - SA	267		4.4	Chevrolet Eng.	81
	455		7.5		71-76		305		5.0	Chevrolet Eng.	78-81
FIREBIRD - TRANS AM GT	350		5.7	Chevrolet Eng.	94	GRAND LEMANS - SAFARI	350		5.7	Chevrolet Eng.	78
FIREBIRD - TRANS AM GTA	305		5.0	Chevrolet Eng.	89-92		229		3.8	Chevrolet Eng.	80
FIREBIRD - TRANS AM GTA SE	350		5.7	Chevrolet Eng.	89-92		231		3.8	Buick Eng.	78-81
FIREFLY	61	993	1.0	Suzuki G10	85-99		265		4.3		80-81
	61	993	1.0	Suzuki G10T	87-91		301		4.9		77-81
	79	1295	1.3	G13BA	95-99		305		5.0	Chevrolet Eng.	78-80
FIREFLY - FE	61	993	1.0	Suzuki G10	86		350		5.7	Chevrolet Eng.	78-79
FIREFLY - LE	61	993	1.0	Suzuki G10	91		350		5.7	Oldsmobile Eng.	77
GRAND AM	134	2198	2.2	Ecotec	02-04		400		6.6		75-77
	138		2.3	DOHC (Quad 4)	88		403		6.6	Oldsmobile Eng.	77
	146		2.4	DOHC (Quad 4)	99-01	GRAND PRIX	173		2.8	Chevrolet Eng.	88-89
	151	2474	2.5		85-91		189		3.1	Chevrolet Eng.	89-03
	181		3.0	Buick Eng.	85-87		207		3.4	DOHC	92-93
	207		3.4	OHV	99-04		231		3.8	3800 Series II (Buick Eng.)	98-03
	231		3.8	Buick Eng.	79		231		3.8	Buick Eng.	78-87
	301		4.9		78-80		252		4.1	Buick Eng.	82
	305		5.0	Chevrolet Eng.	78-80		262		4.3	Chevrolet Eng.	86-87
	350		5.7		73		265		4.3		80-81
	350		5.7	Buick Eng.	75		267		4.4	Chevrolet Eng.	81-82
	400		6.6		73-75		301		4.9		77-80
	455		7.5		73-75		305		5.0	Chevrolet Eng.	78-87
GRAND AM - GT	138		2.3	DOHC (Quad 4)	92-95		350		5.7	Oldsmobile Eng.	76-84
	140		2.3	DOHC (Quad 4 - H.O.)	92-94		350		5.7	Oldsmobile Eng.	77
	146		2.4	DOHC (Quad 4)	96-98		400		6.6		68-77
	189		3.1	Chevrolet Eng.	94-98		403		6.6	Oldsmobile Eng.	77
	204		3.3	Buick Eng.	92-93		421		6.9		63-66
	207		3.4	OHV	05		428		7.0		67-69
GRAND AM - GT1	207		3.4	OHV	05		455		7.5		70-76
GRAND AM - LE	122		2.0	OHC	87-88	GRAND PRIX - BROUGHAM	231		3.8	Buick Eng.	81-87
	138		2.3	DOHC (Quad 4)	88-91		252		4.1	Buick Eng.	82
	140		2.3	DOHC (Quad 4 - H.O.)	91		262		4.3	Chevrolet Eng.	86-87
	151	2474	2.5		85-91		265		4.3		81
	181		3.0	Buick Eng.	85-87		267		4.4	Chevrolet Eng.	81-82
							305		5.0	Chevrolet Eng.	83-87
							350		5.7		81-84
							189		3.1	Chevrolet Eng.	91-93

## PONTIAC MODEL INDEX (Cont'd.)

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
GRAND PRIX - GT	207		3.4	DOHC	91-96	LAURENTIAN - SAFARI	305		5.0	Chevrolet Eng.	80-81
	231		3.8	3800 Series II (Buick Eng.)	97-98		98	1588	1.6	OHC	88-92
GRAND PRIX - GTP	207		3.4	DOHC	95-96	122		2.0	OHC	89	
	231		3.8	3800 Series II (Buick Eng.)	97-98	215		3.5		64-65	
GRAND PRIX - GXP	325	5328	5.3	Chevrolet Eng.	05-06	230		3.8		66-67	
	138		2.3	DOHC (Quad 4)	90-91	250		4.1	Chevrolet Eng.	68-77	
GRAND PRIX - LE	173		2.8	Chevrolet Eng.	88-89	200		3.3	Chevrolet Eng.	78-79	
	189		3.1	Chevrolet Eng.	89-93	229		3.8	Chevrolet Eng.	80-81	
	207		3.4	DOHC	92-93	231		3.8	Buick Eng.	78-81	
	231		3.8	Buick Eng.	84-87	231		3.8	Odd Fire (Buick Eng.)	77	
	262		4.3	Chevrolet Eng.	86-87			260	4.3	Oldsmobile Eng.	76
	305		5.0	Chevrolet Eng.	84-87	265		4.3		80-81	
	350		5.7		84	267		4.4	Chevrolet Eng.	79-81	
	GRAND PRIX - LJ	231		3.8	Buick Eng.	79-83	301		4.9		77-80
		252		4.1	Buick Eng.	82	305		5.0	Chevrolet Eng.	76-81
		265		4.3		80-81	326		5.3		63-67
		267		4.4	Chevrolet Eng.	81-82	350		5.7		68-77
		301		4.9		77-80	350		5.7	Buick Eng.	75
305			5.0	Chevrolet Eng.	78-83	350		5.7	Chevrolet Eng.	76-77	
350			5.7		77-83	350		5.7	Oldsmobile Eng.	77	
350			5.7	Oldsmobile Eng.	77	400		6.6		68-77	
400			6.6		77	403		6.6	Oldsmobile Eng.	77	
403			6.6	Oldsmobile Eng.	77	428		7.0		68-69	
						455		7.5		70-76	
GRAND PRIX - MCLAREN		189		3.1	Chevrolet Eng.	90	LEMANS - AEROCOUCPE	98	1588	1.6	OHC
GRAND PRIX - SE	138		2.3	DOHC (Quad 4)	91	LEMANS - AEROCOUCPE YL	98	1588	1.6	OHC	88-89
	173		2.8	Chevrolet Eng.	88-89	122		2.0	OHC	89	
	189		3.1	Chevrolet Eng.	89-98	122		2.0	OHC	89-90	
	207		3.4	DOHC	91-94	98	1588	1.6	OHC	90-91	
	231		3.8	3800 Series II (Buick Eng.)	97	LEMANS - GSE	122		2.0	OHC	89-90
GRAND PRIX - SJ	231		3.8	Buick Eng.	79	LEMANS - LE	98	1588	1.6	OHC	90-91
	301		4.9		78-80	LEMANS - LE AEROCOUCPE	98	1588	1.6	OHC	90-91
	305		5.0	Chevrolet Eng.	78-80	250		4.1	Chevrolet Eng.	69-73	
	400		6.6		77	200		3.3	Chevrolet Eng.	79	
	403		6.6	Oldsmobile Eng.	77	229		3.8	Chevrolet Eng.	80	
GRAND PRIX - STE	189		3.1	Chevrolet Eng.	90-93	231		3.8	Buick Eng.	78-81	
	207		3.4	DOHC	91-93	265		4.3		80-81	
	301		4.9		77	267		4.4	Chevrolet Eng.	79-81	
GRAND SAFARI	350		5.7	Oldsmobile Eng.	77	301		4.9		77-81	
	400		6.6		71-78	305		5.0	Chevrolet Eng.	78-81	
	403		6.6	Oldsmobile Eng.	77-78	350		5.7		69-76	
	455		7.5		71-76	350		5.7	Chevrolet Eng.	78-79	
	400		6.6		71-73	350		5.7	Oldsmobile Eng.	77	
GRANDVILLE	400		6.6		71-73	400		6.6		69-77	
	455		7.5		71-74	403		6.6	Oldsmobile Eng.	77	
						428		7.0		69	
GRANDVILLE - BROUGHAM	400		6.6		75		7.5		73-76		
GTO	215		3.5		64	LEMANS - SE	98	1588	1.6	OHC	88-93
	326		5.3		64-66	122		2.0	OHC	89	
	350		5.7		70	LEMANS - SPORT	250		4.1	Chevrolet Eng.	70-76
	350		5.7	Chevrolet Eng.	04	231		3.8	Odd Fire (Buick Eng.)	77	
	364		6.0	Chevrolet Eng.	05-06			260	4.3	Oldsmobile Eng.	76
	400		6.6		67-71	301		4.9		77	
	455		7.5		70-71	305		5.0	Chevrolet Eng.	77	
J2000	112		1.8	OHC	82-83	350		5.7		70-77	
J2000 - SUNBIRD	112		1.8	OHV Chevrolet Eng.	82	350		5.7	Buick Eng.	75	
	122		2.0	OHV Chevrolet Eng.	83-84	350		5.7	Oldsmobile Eng.	77	
J2000 - SUNBIRD LE	112		1.8	OHC	84	400		6.6		70-77	
	122		2.0	OHV Chevrolet Eng.	84	403		6.6	Oldsmobile Eng.	77	
J2000 - SUNBIRD SE	112		1.8	OHC	84	455		7.5		70-76	
LAURENTIAN - SAFARI	250		4.1	Chevrolet Eng.	77-79	LEMANS - SPORT COUCPE	250		4.1	Chevrolet Eng.	77
	229		3.8	Chevrolet Eng.	80	305		5.0	Chevrolet Eng.	76	
	231		3.8	Buick Eng.	81	350		5.7	Chevrolet Eng.	76-77	
	265		4.3		81	LEMANS - T37	250		4.1	Chevrolet Eng.	71
	267		4.4	Chevrolet Eng.	80-81	350		5.7		71	
	305		5.0	Chevrolet Eng.	77-81	LEMANS - VALUE	98	1588	1.6	OHC	90-93
	307		5.0	Oldsmobile Eng.	81	LEADER	207		3.4	OHV	99-05
	350		5.7		77-81	MONTANA	122		2.0	OHC	88-90
	350		5.7	Buick Eng.	80	OPTIMA	250		4.1	Chevrolet Eng.	77-79
	350		5.7	Chevrolet Eng.	76-79	PARISIENNE	250		4.1	Chevrolet Eng.	80
	400		6.6		76		229		3.8	Chevrolet Eng.	80
	455		7.5		76		231		3.8	Buick Eng.	81-85
						262		4.3	Chevrolet Eng.	85-86	
						265		4.3		81	



**PONTIAC MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
PARISIENNE	267		4.4	Chevrolet Eng.	80-82	SUNBIRD - SE	189		3.1	Chevrolet Eng.	91-94
	305		5.0	Chevrolet Eng.	77-86	SUNBURST	92	1471	1.5	Isuzu 4XC1	85-88
	307		5.0	Oldsmobile Eng.	81-86		92	1471	1.5	Isuzu 4XC1T	87-88
	350		5.7		77-85	SUNBURST - LE	92	1471	1.5	Isuzu 4XC1	85
	350		5.7	Buick Eng.	80	SUNFIRE	134		2.2	OHV Chevrolet Eng.	98-02
	350		5.7	Chevrolet Eng.	76-85		134	2198	2.2	Ecotec	02-05
	400		6.6		76		146		2.4	DOHC (Quad 4)	98-02
455		7.5		76	SUNFIRE - GT	134		2.2	OHV Chevrolet Eng.	95	
PARISIENNE - BROUGHAM	229		3.8	Chevrolet Eng.	83		138		2.3	DOHC (Quad 4)	95
	231		3.8	Buick Eng.	82-85		146		2.4	DOHC (Quad 4)	96-97
	262		4.3	Chevrolet Eng.	85-86	SUNFIRE - SE	134		2.2	OHV Chevrolet Eng.	95-97
	267		4.4	Chevrolet Eng.	82		138		2.3	DOHC (Quad 4)	95
	305		5.0	Chevrolet Eng.	82-86		146		2.4	DOHC (Quad 4)	96-97
	307		5.0	Oldsmobile Eng.	86	SUNRUNNER	98	1588	1.6	Suzuki G16KV	94-97
	350		5.7		82-85	T1000	98		1.6	Chevrolet Eng.	81-87
PARISIENNE - SAFARI	350		5.7	Chevrolet Eng.	85	TEMPEST	122		2.0	OHV Chevrolet Eng.	87-89
	267		4.4	Chevrolet Eng.	81-82		134		2.2	OHV Chevrolet Eng.	90-91
	305		5.0	Chevrolet Eng.	80-82		215		3.5		64-65
	350		5.7		80-81		230		3.8		66-67
	350		5.7	Buick Eng.	80		250		4.1	Chevrolet Eng.	68-70
	151	2474	2.5		77-84		173		2.8	Chevrolet Eng.	87-89
	173		2.8	Chevrolet Eng.	80-84		189		3.1	Chevrolet Eng.	90-91
PHOENIX	231		3.8	Buick Eng.	78-79		326		5.3		63-67
	231		3.8	Odd Fire (Buick Eng.)	77		350		5.7		68-70
							400		6.6		68-70
							428		7.0		69
	305		5.0	Chevrolet Eng.	77-79	TEMPEST - CUSTOM	250		4.1	Chevrolet Eng.	68-69
	350		5.7	Chevrolet Eng.	77-79		350		5.7		68
	350		5.7	Oldsmobile Eng.	77		400		6.6		68
PHOENIX - LE	151	2474	2.5		84		428		7.0		69
	173		2.8	Chevrolet Eng.	84	TEMPEST - LE	134		2.2	OHV Chevrolet Eng.	91
	173		2.8	Chevrolet Eng.	80-83		189		3.1	Chevrolet Eng.	91
PHOENIX - LJ	231		3.8	Buick Eng.	78-79	TRANS SPORT	189		3.1	Chevrolet Eng.	90-95
	305		5.0	Chevrolet Eng.	78-79		207		3.4	OHV	96-98
	350		5.7	Chevrolet Eng.	78-79		231		3.8	3800 MFI/TPI (Buick Eng.)	92-95
	173		2.8	Chevrolet Eng.	84	TRANS SPORT - MONTANA					
PHOENIX - SE PHOENIX - SJ PURSUIT SAFARI	173		2.8	Chevrolet Eng.	82-83	VENTURA	207		3.4	OHV	98
	134	2198	2.2	Ecotec	05		151	2474	2.5		77
	250		4.1	Chevrolet Eng.	68-70		250		4.1	Chevrolet Eng.	71-76
	307		5.0	Oldsmobile Eng.	87-89		231		3.8	Odd Fire (Buick Eng.)	77
	350		5.7		68-70						
	400		6.6		68-70						
	421		6.9		63-65		260		4.3	Oldsmobile Eng.	75-76
STAR CHIEF SUNBIRD	421		6.9		63-66		301		4.9		77
	112		1.8	OHC	85-86		305		5.0	Chevrolet Eng.	77
	122		2.0	OHC	87-91		307		5.0	Chevrolet Eng.	71-72
	122		2.0	OHV Chevrolet Eng.	85-86		350		5.7		72-75
	140		2.3	SOHC Chevrolet Eng.	76-77		350		5.7	Buick Eng.	75-76
							350		5.7	Chevrolet Eng.	77
							350		5.7	Oldsmobile Eng.	77
SUNBIRD - GT	151	2474	2.5		77-80	VENTURA - CUSTOM	250		4.1	Chevrolet Eng.	73-75
	189		3.1	Chevrolet Eng.	94		260		4.3	Oldsmobile Eng.	75
	231		3.8	Buick Eng.	77-80		350		5.7		73-75
	231		3.8	Odd Fire (Buick Eng.)	76-77		350		5.7	Buick Eng.	75
							250		4.1	Chevrolet Eng.	75
	305		5.0	Chevrolet Eng.	78-79	VENTURA - S	260		4.3	Oldsmobile Eng.	75
	112		1.8	OHC	86		350		5.7		75
SUNBIRD - LE	122		2.0	OHC	87-90	VENTURA - SJ	250		4.1	Chevrolet Eng.	75-76
	189		3.1	Chevrolet Eng.	91-93		231		3.8	Odd Fire (Buick Eng.)	77
	112		1.8	OHC	85						
	122		2.0	OHC	89-94						
SUNBIRD - SAFARI	122		2.0	OHV Chevrolet Eng.	85		260		4.3	Oldsmobile Eng.	75-76
	189		3.1	Chevrolet Eng.	91-94		301		4.9		77
	151	2474	2.5		78-79		305		5.0	Chevrolet Eng.	77
	231		3.8	Buick Eng.	78-79		350		5.7	Buick Eng.	75-76
SUNBIRD - SE	112		1.8	OHC	85-86		350		5.7	Chevrolet Eng.	77
	122		2.0	OHC	87-93		350		5.7	Oldsmobile Eng.	77
	122		2.0	OHV Chevrolet Eng.	86	VIBE		1794	1.8	16V DOHC	03-06
					VIBE - GT		1795	1.8	16V DOHC	03-06	

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
61 993cc (1.0) Suzuki G10T Turbo			2	L3	74mm x 77mm	Connecting Rod 24-27 ft.lbs/33-37 Nm			
61 993cc (1.0) Suzuki G10			5	L3	74mm x 77mm	Main Bearing 36-41 ft.lbs/49-56 Nm			
61 993cc (1.0) Suzuki G10			6	L3	74mm x 77mm				
61 993cc (1.0) Suzuki G10			M	L3	74mm x 77mm				
<b>3B8336</b> Std. .25 .50 .75 1.0	<b>Rod</b>	41.983/1.6529 41.999/1.6535	44.998/1.7716 45.018/1.7724	1.490/0.0587	.020/.0008 .068/.0027	18.00/0.709	F780	6	8336 IH
	<b>Main</b>								
<b>4M8337</b> Std. .25 .50 .75 1.0	1-4	44.983/1.7710 44.998/1.7716	48.998/1.9291 49.018/1.9298	2.000/0.0787	.020/.0008 .068/.0027	18.00/0.709	F780	8	8337 U/L
	<b>Thrust</b>								
<b>1T8337</b> Std.		52.250/2.0571 (Nominal I.D.)	67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 4M8337 main set.</i>									
<b>2 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
79 1295cc (1.3) G13BA			2	L4	74mm x 77mm	Connecting Rod 24-27 ft.lbs/33-37 Nm			
79 1295cc (1.3) G13BA			9	L4	74mm x 77mm	Main Bearing 37-41 ft.lbs/50-56 Nm			
<b>4B8336</b> Std. .25 .50 .75 1.0	<b>Rod</b>	41.984/1.6529 41.999/1.6535	44.998/1.7716 45.018/1.7724	1.490/0.0587	.020/.0008 .068/.0027	18.00/0.709	F780	8	8336 IH
	<b>Main</b>								
<b>5M8337</b> Std. .25 .50 .75 1.0	1-5	44.983/1.7710 44.998/1.7716	48.998/1.9291 49.018/1.9298	2.000/0.0787	.020/.0008 .068/.0027	18.00/0.709	F780	10	8337 U/L
	<b>Thrust</b>								
<b>1T8337</b> Std.		52.250/2.0571 (Nominal I.D.)	67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M8337 main set.</i>									
<b>3 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
85 1393cc (1.4) Chevrolet Eng.			I	L4	3.23 x 2.61	Connecting Rod 37 ft.lbs/50 Nm (1976-77 engines only)			
98 (1.6) Chevrolet Eng.			9	L4	3.23 x 2.98	Connecting Rod 40 ft.lbs/54 Nm (1978-87 engines only)			
98 (1.6) Chevrolet Eng.			C	L4	3.23 x 2.98	Main Bearing 46 ft.lbs/63 Nm (1976-77 engines only)			
98 1606cc (1.6) Chevrolet Eng.			0	L4	3.23 x 2.98	Main Bearing 50 ft.lbs/68 Nm (1978-87 engines only)			
98 1606cc (1.6) Chevrolet Eng.			9	L4	3.23 x 2.98				
98 1606cc (1.6) Chevrolet Eng.			C	L4	3.23 x 2.98				
98 1606cc (1.6) Chevrolet Eng.			E	L4	3.23 x 2.98				
<b>4B1216P</b> Std. 10 20 30	<b>Rod</b>	45.959/1.8094 45.984/1.8104	49.000/1.9291 49.012/1.9296	1.500/0.0591	.036/.0014 .089/.0035	19.05/0.750	F780	8	1216 IH
	<b>Main</b>								
<b>5M1424P</b> Std. 10 20 30	1,2,3,4	50.998/2.0078 51.024/2.0088	54.986/2.1648 55.011/2.1658	1.970/0.0777	.023/.0009 .089/.0035	17.98/0.708	F780	8	MB2737AL IH
	5 (FI)	50.988/2.0074 51.013/2.0084	54.986/2.1648 55.011/2.1658	1.980/0.0778	.041/.0016 .107/.0042	23.90/0.941	F780	2	MB2738AL IH
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
92 1471cc (1.5) Isuzu 4XC1			7	L4	77mm x 79mm	Connecting Rod 24-27 ft.lbs/33-37 Nm			
92 1471cc (1.5) Isuzu 4XC1T Turbo			9	L4	77mm x 79mm	Main Bearing 61-69 ft.lbs/83-93 Nm			
92 1471cc (1.5) Isuzu 4XC1			K	L4	77mm x 79mm				
<b>4B1870</b> Std. .25 .50 .75	<b>Rod</b>	39.929/1.5720 39.945/1.5726	42.980/1.6921 43.000/1.6929	1.506/0.0593		17.00/0.669	F780	8	1870 IH
	<b>Main</b>								
<b>5M1869</b> Std. .25 .50 .75	1-5	47.918/1.8865 47.938/1.8873	51.976/2.0463 52.000/2.0472	2.010/0.0791	.018/.0007 .089/.0035	17.00/0.669	F780	10	1869 U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>4</b>

**Thrust**

3	54.700/2.1535 54.900/2.1614	69.700/2.7441 69.900/2.7520			2.20/0.087	F250	2	1869T IH	1T1869 Std.
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*Note: Set includes two pieces, use on No. 3 position. Required with 5M1869 main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
98 1588cc (1.6) OHC	6	L4	79mm x 82mm	<b>Connecting Rod 18 ft.lbs/25 Nm + 30 deg turn</b> <b>Main Bearing 36 ft.lbs/49 Nm + 45-60 deg turn</b>					

**Rod**

	42.972/1.6918 42.987/1.6924	45.999/1.8110 46.012/1.8115	1.499/0.0590	.012/.0005 .050/.0020	16.64/0.655	F820	8	1330AL IH	4B1451AL Std. .25 .50 .75
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**Main - Overflange length increases for undersizes. \* See below for dimensional information.**

1,2,4,5	54.971/2.1642 54.986/2.1648	58.999/2.3228 59.012/2.3233	2.001/0.0788	.013/.0005 .065/.0026	19.50/0.768	F780	8	1338 IH	5M1801P Std. .25 .50 .75 1.0
3 (FI)	54.971/2.1642 54.986/2.1648	58.999/2.3228 59.012/2.3233	2.001/0.0788	.013/.0005 .065/.0026	25.92/1.020	F780	2	1339 IH	

**\* DIMENSIONAL INFORMATION FOR 5M1801P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	1.028"/26.12 mm	+0.008"/0.20mm
0.50 mm u/s shaft	1.036"/26.32 mm	+0.016"/0.40mm
0.75 mm u/s shaft	1.036"/26.32 mm	+0.016"/0.40mm
1.00 mm u/s shaft	1.044"/26.52 mm	+0.024"/0.60mm

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
98 1588cc (1.6) Suzuki G16KV	6	L4	75mm x 90mm	<b>Connecting Rod 24-27 Ft.lbs/33-37 Nm</b> <b>Main Bearing 37-41 ft.lbs/50-55 Nm</b>					
98 1588cc (1.6) Suzuki G16KV	U	L4	75mm x 90mm						

**Rod**

	43.983/1.7316 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.495/0.0589	.010/.0004 .076/.0030	18.10/0.713	F780	8	8340 IH	4B8340 Std. .25 .50 .75 1.0
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**Main**

1-5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.005/0.0789	.010/.0004 .072/.0028	18.10/0.713	F780	10	8339 U/L	5M8339 Std. .25 .50 .75 1.0
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**Thrust**

3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.52/0.099	F817	2	8339T IH	1T8339 Std.
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*Note: Set includes two pieces, use on No. 3 position. Required with 5M8339 main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
112 (1.8) OHV Chevrolet Eng.	G	L4	3.50 x 2.91	<b>Connecting Rod 34-43 ft.lbs/47-58 Nm</b> <b>Main Bearing 63-77 ft.lbs/85-105 Nm</b>					

**Rod**

	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH	4B745P Std. 01 10 20 30 40
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**Main**

1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	6	7123 IH	5M1524P Std. .25 .50 .75
4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7162 IH	
5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.021/.0008 .093/.0037	20.95/0.825	F780	2	7125 U/L	

*Overflange length remains constant for standard and undersizes.*

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 7 (Cont'd.)

Cam									
5C1195S Std.	1	47.440/1.8677	51.283/2.0190	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
		47.490/1.8697	51.308/2.0200						
	2,5	47.440/1.8677	51.029/2.0090	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
		47.490/1.8697	51.079/2.0110						
	3,4	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
		47.490/1.8697	50.825/2.0010						

## 8 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
112 (1.8) OHC	0	L4	84.8mm x 79.5mm	Connecting Rod 26 ft.lbs + 40-50 deg (2.0L engine only)
112 (1.8) OHC Turbo	J	L4	84.8mm x 79.5mm	
122 (2.0) OHC	H	L4	86mm x 86mm	Connecting Rod 39 ft.lbs/53 Nm (1.8L engine only)
122 (2.0) OHC	K	L4	86mm x 86mm	Main Bearing 44 ft.lbs + 40-50 deg (2.0L engine only)
122 (2.0) OHC Turbo	M	L4	86mm x 86mm	Main Bearing 57 ft.lbs/77 Nm (1.8L engine only)

4B1175P Std. .25 .50 .75	<b>Rod - 1.8L engines only.</b>								
		48.971/1.9280	52.000/2.0472	1.500/0.0590	.013/.0005	19.30/0.760	F780	8	2326 U/L
		48.987/1.9286	52.012/2.0477		.066/.0026				
	<i>To be superseded by 4B2322A when stock exhausted.</i>								
4B1408P Std. .25 .50 .75	<b>Rod - 2.0L engines only.</b>								
		48.971/1.9280	52.000/2.0472	1.500/0.0590	.013/.0005	19.30/0.760	F780	8	2320 U/L
		48.987/1.9286	52.012/2.0477		.066/.0026				
	<i>To be superseded by 4B2322A when stock exhausted.</i>								
4B2322A Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
		48.971/1.9280	52.000/2.0472	1.500/0.0591	.013/.0005	19.30/0.760	F810	8	2322A U/L
		48.987/1.9286	52.012/2.0477		.057/.0022				
5M1549P .25 .50 .75	<b>Main - overflange length increases for undersizes. *See below for dimensional information.</b>								
	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	19.50/0.768	F780	8	2327 IH
		57.995/2.2833	62.013/2.4415		.066/.0026				
	3 (FI)	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	26.10/1.028	F780	2	2328 IH
		57.995/2.2833	62.013/2.4415		.066/.0026				
	<b>* DIMENSIONAL INFORMATION FOR 5M1549P</b>								
				<b>Overall Width (Nominal)</b>				<b>Increase in Width</b>	
				0.25 mm u/s shaft	1.028"/26.10mm			+ .008"/0.20mm	
				0.50 mm u/s shaft	1.036"/26.30mm			+ .016"/0.40mm	
				0.75 mm u/s shaft	1.036"/26.30mm			+ .016"/0.40mm	
5M2329P Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	19.50/0.768	F780	8	2327 IH
		57.995/2.2833	62.013/2.4415		.066/.0026				
	3 (FI)	57.982/2.2828	62.000/2.4409	1.995/0.0785	.015/.0006	25.90/1.020	F780	2	2329 IH
		57.995/2.2833	62.013/2.4415		.066/.0026				
	<i>Overflange length remains constant for standard and undersizes.</i>								

## 9 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
110 1819cc (1.8) Isuzu 4FB1 Diesel	D	L4	84mm x 82mm	Connecting Rod 58-65 ft.lbs/79-88 Nm Main Bearing 116-130 ft.lbs/158-177 Nm

4B1881 Std. .25 .50 .75 1.0	<b>Rod</b>								
		48.924/1.9261	51.972/2.0461	1.509/0.0594	.015/.0006	22.00/0.866	F780	8	1881 IH
		48.936/1.9266	51.985/2.0466		.066/.0026				
5M1883 Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4,5	55.919/2.2015	59.980/2.3614	2.013/0.0793	.023/.0009	21.75/0.856	F810	8	1882A U/L
		55.932/2.2020	60.000/2.3622		.081/.0032				
	3	55.919/2.2015	59.980/2.3614	2.013/0.0793	.023/.0009	21.75/0.856	F810	1	1882A U
		55.932/2.2020	60.000/2.3622		.081/.0032				
	3	55.919/2.2015	59.980/2.3614	2.013/0.0793	.023/.0009	21.75/0.856	F810	1	1883A L
55.932/2.2020		60.000/2.3622		.081/.0032					

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 9**
**Thrust - for 8/82-86 engines only.**

3	63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570			2.36/0.093	F817	2	1824T IH	<b>1T1824</b> Std.
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*Note: Thrust set includes two pieces, use on No. 3 position. Required with 5M1883 main set.*
**Thrust - for 1981-7/82 engines only.**

3	62.610/2.4650 62.860/2.4748	79.950/3.1476 80.200/3.1575			2.36/0.093	F817	2	3286T IH	<b>1T3286</b> Std.
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**Cam**

1-5	29.975/1.1801 (Nominal)	31.025/1.2215 (Nominal)	1.501/0.0591		16.00/0.630	F23	5	8083	<b>5C8083</b> Std.
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**Small End - single pieces.**

	25.000/0.9843 (Nominal)	28.025/1.1033 (Nominal)	1.529/0.0602		26.75/1.053	F100	1	RB4072	<b>RB4072</b> Semi
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**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>1794cc (1.8) 16V DOHC (1ZZFE)</b>	<b>8</b>	<b>L4</b>	<b>79mm x 91.5mm</b>	<b>Connecting Rod 15 ft.lbs + 90 deg</b> <b>Main Bearing +45 deg, +45 deg</b> Step 3 (12 point bolt) <b>Main Bearing 14 ft.lbs</b> 6 point bolt <b>Main Bearing 16 ft.lbs</b> Step 1 (12 point bolt) <b>Main Bearing 32 ft.lbs</b> Step 2 (12 point bolt)
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**10**
**Rod - High Strength Aluminum Silicon material.**

	43.993/1.7320 44.000/1.7323	47.000/1.8504 47.023/1.8513	1.496/0.0589 .020/.0008 .043/.0017	15.70/0.618	F810	8	1851	<b>4B1851</b> Std. .25 .50 .75
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**Main - High Strength Aluminum Silicon material.**

1-5	47.986/1.8892 48.001/1.8898	52.000/2.0472 52.017/2.0479	2.007/0.0790 .015/.0006 .033/.0013	17.00/0.669	F810	10	1853 U/L	<b>5M1853</b> Std. .25 .50 .75
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**Thrust**

	53.600/2.1102 53.850/2.1201 (I.D.)	69.550/2.7382 69.800/2.7480 (O.D.)		2.48/0.098	F817	2	1853T IH	<b>1T1853</b> Std.
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*Set includes two pieces. Required with 5M1853 main set.*
**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>1795cc (1.8) 16V DOHC (2ZZGE)</b>	<b>L</b>	<b>L4</b>	<b>82mm x 85mm</b>	<b>Connecting Rod 22 ft.lbs + 90 deg</b> <b>Main Bearing +45 deg, +45 deg</b> Step 3 <b>Main Bearing 16 ft.lbs</b> Step 1 <b>Main Bearing 32 ft.lbs</b> Step 2
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**11**
**Rod - High Strength Aluminum Silicon material.**

	44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.492/0.0587 .028/.0011 .052/.0020	16.00/0.630	F810	8	1856A IH	<b>4B1856</b> Std. .25 .50 .75 1.0
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**Main - High Strength Aluminum Silicon material.**

1-5	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/0.0786 .008/.0003 .052/.0020	17.00/0.669	F810	10	1857A U/L	<b>5M1857</b> Std. .25 .50 .75 1.0
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**Thrust**

	53.600/2.1102 53.850/2.1201 (I.D.)	69.550/2.7382 69.800/2.7480 (O.D.)		2.48/0.098	F817	2	1853T IH	<b>1T1853</b> Std.
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*Set includes two pieces. Required with 5M1853 main set.*
**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>122 (2.0) OHV Chevrolet Eng.</b>	<b>1</b>	<b>L4</b>	<b>3.50 x 3.15</b>	<b>Connecting Rod 34-43 ft.lbs/47-58 Nm</b> <b>Main Bearing 63-77 ft.lbs/85-105 Nm</b>
<b>122 (2.0) OHV Chevrolet Eng.</b>	<b>B</b>	<b>L4</b>	<b>3.50 x 3.15</b>	
<b>122 (2.0) OHV Chevrolet Eng.</b>	<b>P</b>	<b>L4</b>	<b>3.50 x 3.15</b>	

**12**
**Rod**

	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621 .013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH	<b>4B745P</b> Std. 01 10 20 30 40
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# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>12 (Cont'd.)</b>										
<b>5M1567P</b> Std. .25 .50 .75 1.0	<b>Main - 122 (2.0L) VIN B,P engines only.</b>									
	1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	6	7123 IH	
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH	
	5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	20.95/0.825	F780	2	7125 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>Main - 122 (2.0L) VIN 1 engine only.</b>									
	1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	18.72/0.737	F780	8	7123 IH	
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6880	2.423/0.0954	.021/.0008 .093/.0037	23.93/0.942	F780	2	7124 IH	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>Main - Alternate set to 5M1567P with +0.100 mm overflange length increase. * See below for dimensional information.</b>									
<b>5M7167P</b> .25 .50 .75 1.0	1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.020/.0008 .093/.0037	18.72/0.737	F780	6	7123 IH	
	4 (FI)	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.020/.0008 .093/.0037	24.03/0.946	F780	2	7167 IH	
	5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/0.0954	.020/.0008 .093/.0037	20.95/0.825	F780	2	7125 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 5M7167P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
	0.25 mm u/s shaft			24.03 mm		+0.100 mm				
	0.50 mm u/s shaft			24.03 mm		+0.100 mm				
	0.75 mm u/s shaft			24.03 mm		+0.100 mm				
	1.00 mm u/s shaft			24.03 mm		+0.100 mm				
<b>5C1195S</b> Std.	<b>Cam</b>									
	1	47.440/1.8677 47.490/1.8697	51.283/2.0190 51.308/2.0200	1.880/0.0741		16.00/0.630	F23	1	CH-19-1	
	2,5	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.750/0.0691		16.00/0.630	F23	2	CH-18-4	
	3,4	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
<b>13 ENGINE</b>										
<b>134 2198cc (2.2) Ecotec (L61)</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
			<b>F</b>	<b>L4</b>	<b>86mm x 94.6mm</b>	<b>Connecting Rod 18 ft.lbs + 100 deg</b>				
						<b>Main Bearing 15 ft.lbs + 70 deg</b>				
<b>4B2296A</b> Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>									
		49.000/1.9291 49.014/1.9297	52.118/2.0519 52.134/2.0525	1.542/0.0607	.020/.0008 .066/.0026	20.30/0.799	F810	8	2296A IH	
<b>4B2296AO/S2</b> .25 .50 .75	<b>Rod - .002" oversize OD version of 4B2296A.</b>									
		49.000/1.9291 49.014/1.9297	52.169/2.0539 52.185/2.0545	1.692/0.0666 (@ 0.25mm u/size)	.020/.0008 .066/.0026	20.30/0.799	F810	8	9110A IH	
<b>5M2232A</b> Std. 10 20	<b>Main</b>									
	1,3,4,5	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.036/0.1589	.033/.0013 .078/.0031	19.79/0.779	F810	8	MB3824AL U/L	
	2 (FI)	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.041/0.1591	.020/.0008 .063/.0025	25.88/1.019	F810	2	MB3825AL U/L	
<b>1BS2002S</b> Std.	<b>Balance Shaft - for engines 2002 on.</b>									
	Rear	36.720/1.4457 36.741/1.4465	40.762/1.6048 40.775/1.6053	2.004/0.0789	.027/.0011 .068/.0027	26.00/1.024	F820	1	SH2002	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
134 (2.2) OHV Chevrolet Eng.	4	L4	3.50 x 3.46	Connecting Rod 38 ft.lbs/51 Nm					
134 (2.2) OHV Chevrolet Eng.	G	L4	3.50 x 3.46	Main Bearing 70 ft.lbs/95 Nm					

**14**

**Rod**

50.775/1.9990	53.967/2.1247	1.577/0.0621	.013/.0005	21.38/0.842	F780	8	2370
50.800/2.0000	53.980/2.1252		.077/.0030				IH

**4B745P**  
Std. 01 10 20 30 40

**Main - for Cars (1990-96). (This set contains shells that have the same tang location for positions #1,2,3 & 5)**

1,2,3,5	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	8	7123
	63.383/2.4954	68.273/2.6880		.093/.0037				IH
4 (FI)	63.360/2.4945	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7124
	63.383/2.4954	68.273/2.6880		.093/.0037				IH

**5M7124P**  
Std. .25 .50 .75 1.0

Overflange length remains constant for standard and undersizes.

**Main - for Cars (1997 on). Different tang location for #3 position bearing.**

1,2,5	63.358/2.4944	68.250/2.6870	2.423/0.0954	.021/.0008	18.72/0.737	F780	6	7123
	63.383/2.4954	68.275/2.6880		.097/.0038				IH
3	63.358/2.4944	68.250/2.6870	2.423/0.0954	.021/.0008	20.75/0.817	F780	2	7164
	63.383/2.4954	68.275/2.6880		.097/.0038				IH
4 (FI)	63.358/2.4944	68.250/2.6870	2.423/0.0954	.021/.0008	23.93/0.942	F780	2	7124
	63.383/2.4954	68.275/2.6880		.097/.0038				IH

**5M7164P**  
Std. .25 .50 .75 1.0

Overflange length remains constant for standard and undersizes.

**Main - Alt set to 5M7164P with +0.010" overflange length increase. \* See dimensional information below.**

1,2,5	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	18.72/0.737	F780	6	7123
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH
3	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	20.75/0.817	F780	2	7164
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH
4 (FI)	63.358/2.4944	68.250/2.6870	2.548/0.1003	.021/.0008	24.18/0.952	F780	2	7183
	63.383/2.4954	68.275/2.6880	(@ 0.25 mm u/s)	.097/.0038				IH

**5M7183P**  
.25 .50 .75 1.0

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M7183P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.283/2.0190	1.880/0.0741		16.00/0.630	F23	1	CH-19-1
	47.490/1.8697	51.308/2.0200						
2,5	47.440/1.8677	51.029/2.0090	1.750/0.0691		16.00/0.630	F23	2	CH-18-4
	47.490/1.8697	51.079/2.0110						
3,4	47.440/1.8677	50.775/1.9990	1.630/0.0640		16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010						

**5C1195S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
138 (2.3) SOHC (Quad 4)	3	L4	3.62 x 3.35	Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn					
138 (2.3) DOHC (Quad 4)	D	L4	3.62 x 3.35	Main Bearing 15 ft.lbs/20 Nm + 90 deg turn					
140 (2.3) DOHC (Quad 4 - H.O.)	A	L4	3.62 x 3.35						

**15**

**Rod**

47.973/1.8887	51.166/2.0144	1.580/0.0623	.013/.0005	22.76/0.896	F780	8	8516
47.998/1.8897	51.191/2.0154		.051/.0020				IH

**4B1388P**  
Std. .25 .50 .75 1.0

**Main**

1,2,4,5	51.994/2.0470	56.774/2.2352	2.377/0.0936	.013/.0005	21.26/0.837	F780	8	8511
	52.019/2.0480	56.799/2.2362		.051/.0020				U/L
3 (FI)	51.994/2.0470	56.774/2.2352	2.377/0.0936	.013/.0005	27.76/1.093	F780	2	8513
	52.019/2.0480	56.799/2.2362		.051/.0020				U/L

**5M8511P**  
Std. .25 .50 .75

Overflange length remains constant for standard and undersizes.

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 15 (Cont'd.)

<b>5M8514P</b> .25 .50 .75	<b>Main - Alt. set to 5M8511P with +0.004" overflange length increase. * See below for dimensional information.</b>								
	1,2,4,5	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.377/0.0936	.013/.0005 .051/.0020	21.26/0.837	F780	8	8511 U/L
	3 (FI)	51.994/2.0470 52.019/2.0480	56.774/2.2352 56.799/2.2362	2.502/0.0985 (@ 0.25 u/s)	.013/.0005 .077/.0030	27.86/1.097	F780	2	8514 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8514P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.25 mm u/s shaft				1.097"		+0.004"			
0.50 mm u/s shaft				1.097"		+0.004"			
0.75 mm u/s shaft				1.097"		+0.004"			

## 16 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
140 (2.3) SOHC Chevrolet Eng.	A	L4	3.50 x 3.63	Connecting Rod 35 ft.lbs/48 Nm					
140 (2.3) SOHC Chevrolet Eng.	B	L4	3.50 x 3.63	Main Bearing 65 ft.lbs/88 Nm					

<b>4B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	8	2370 IH
<b>5M1050P</b> Std. 10 20	<b>Main</b>								
	1,2,3	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	20.50/0.807	F780	6	MB3135P U/L
	4 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	25.63/1.009	F780	2	MB2588P U/L
	5	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.015/.0006 .091/.0036	22.88/0.901	F780	2	MB2589P U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5C716S</b> Std.	<b>Cam</b>								
	1	57.942/2.2812 57.968/2.2822	61.265/2.4120 61.290/2.4130	1.633/0.0643		17.40/0.685	F23	1	CH-13-1
	2,3,4,5	57.942/2.2812 57.968/2.2822	61.265/2.4120 61.290/2.4130	1.633/0.0643		17.40/0.685	F23	4	CH-13-2

## 17 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
146 (2.4) DOHC (Quad 4)	T	L4	3.543 x 3.700	Connecting Rod 18 ft.lbs/25 Nm + 90 deg turn					
				Main Bearing 15 ft.lbs/20 Nm + 90 deg turn					

<b>4B1647P</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.973/1.8887 47.998/1.8897	51.173/2.0147 51.186/2.0152	1.581/0.0622	.013/.0005 .077/.0030	18.30/0.720	F780	8	8520 IH
<b>5M2056P</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1,2,4,5	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L
	3 (FI)	60.000/2.3622 60.023/2.3631	67.778/2.6684 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.74/1.092	F780	2	8518 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M8525P</b> .25 .50 .75 1.0	<b>Main - Alt. set to 5M2056P with +0.25mm overflange length increase. * See below for dimensional information.</b>								
	1,2,4,5	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	20.00/0.787	F780	8	8517 U/L
	3 (FI)	60.000/2.3622 60.023/2.3631	64.778/2.5503 64.798/2.5511	2.376/0.0935	.003/.0001 .072/.0028	27.99/1.102	F780	2	8525 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8525P</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.25mm u/s shaft				27.99 mm		+0.25 mm			
0.50mm u/s shaft				27.99 mm		+0.25 mm			
0.75mm u/s shaft				27.99 mm		+0.25 mm			
1.00mm u/s shaft				27.99 mm		+0.25 mm			



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>18</b>
151 2474cc (2.5)		1	L4	4.00 x 3.00	<b>Connecting Rod 30 ft.lbs/41 Nm</b> (except crossflow)					
151 2474cc (2.5)		2	L4	4.00 x 3.00	<b>Connecting Rod 32 ft.lbs/44 Nm</b> (crossflow)					
151 2474cc (2.5)		5	L4	4.00 x 3.00	<b>Main Bearing 65 ft.lbs/88 Nm</b> (except crossflow)					
151 2474cc (2.5)		9	L4	4.00 x 3.00	<b>Main Bearing 70 ft.lbs/95 Nm</b> (crossflow)					
151 2474cc (2.5)		F	L4	4.00 x 3.00						
151 2474cc (2.5)		R	L4	4.00 x 3.00						
151 2474cc (2.5)		V	L4	4.00 x 3.00						

<b>Rod - High Strength Aluminum Silicon material.</b>									
	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	8	2226A IH	<b>4B610A</b> Std. 10 20 30 40
	50.813/2.0005	53.980/2.1252		.066/.0026					
<b>Rod - .002" oversize OD version of 4B610A.</b>									
	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F810	8	9070A IH	<b>4B610AO/S2</b> 10 20 30 40
	50.813/2.0005	54.031/2.1272	(@ .010" u/size)	.067/.0026					
<b>Rod - To be superceded by 4B610A when stock exhausted.</b>									
	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F780	8	2226 IH	<b>4B610P</b> Std. 01 10 20 30 40
	50.813/2.0005	53.980/2.1252		.066/.0026					
<b>Rod - To be superceded by 4B610AO/S2 when stock exhausted.</b>									
	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F780	8	9070 IH	<b>4B610PO/S2</b> 10 20 30 40
	50.813/2.0005	54.031/2.1272	(@ .010" u/s)	.067/.0026					
<b>Main</b>									
1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132 U/L	<b>5M1733P</b> Std. 01 10 20 30 40
	58.402/2.2993	63.287/2.4916		.084/.0033					
5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.63/1.009	F780	2	7133 U/L	
	58.402/2.2993	63.287/2.4916		.084/.0033					
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Main - Alt set to 5M1733P with +0.010" overflange length increase. * See below for dimensional information.</b>									
1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.49/0.807	F780	8	7132 U/L	<b>5M7152P</b> 10 20 30 40
	58.402/2.2993	63.287/2.4916		.084/.0033					
5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	25.88/1.019	F780	2	7152 U/L	
	58.402/2.2993	63.287/2.4916		.084/.0033					
<i>Stock not available from fee warehouses.</i>									

**\* DIMENSIONAL INFORMATION FOR 5M7152P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.019"	+0.010"
.020" u/s shaft	1.019"	+0.010"
.030" u/s shaft	1.019"	+0.010"
.040" u/s shaft	1.019"	+0.010"

<b>Cam</b>									
1,2,3	47.452/1.8682	50.775/1.9990	1.640/0.0644		21.97/0.865	F23	3	CH-5-3	<b>3C1030S</b> Std.
	47.478/1.8692	50.825/2.0010							

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>19</b>
151 2474cc (2.5)		U	L4	4.00 x 3.00	<b>Connecting Rod 30 ft.lbs/41 Nm</b> (except crossflow)					
					<b>Connecting Rod 32 ft.lbs/44 Nm</b> (crossflow)					
					<b>Main Bearing 65 ft.lbs/88 Nm</b> (except crossflow)					
					<b>Main Bearing 70 ft.lbs/95 Nm</b> (crossflow)					

<b>Rod - High Strength Aluminum Silicon material.</b>									
	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	8	2226A IH	<b>4B610A</b> Std. 10 20 30 40
	50.813/2.0005	53.980/2.1252		.066/.0026					
<b>Rod - .002" oversize OD version of 4B610A.</b>									
	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F810	8	9070A IH	<b>4B610AO/S2</b> 10 20 30 40
	50.813/2.0005	54.031/2.1272	(@ .010" u/size)	.067/.0026					
<b>Rod - To be superceded by 4B610A when stock exhausted.</b>									
	50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F780	8	2226 IH	<b>4B610P</b> Std. 01 10 20 30 40
	50.813/2.0005	53.980/2.1252		.066/.0026					
<b>Rod - To be superceded by 4B610AO/S2 when stock exhausted.</b>									
	50.800/2.0000	54.018/2.1267	1.722/0.0678	.015/.0006	18.84/0.742	F780	8	9070 IH	<b>4B610PO/S2</b> 10 20 30 40
	50.813/2.0005	54.031/2.1272	(@ .010" u/s)	.067/.0026					

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 19 (Cont'd.)

<b>5M1643P</b> Std. 10 20 30 40	<b>Main - VIN U only.</b>									
	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.42/0.804	F780	4	7132 U	
		58.402/2.2993	63.287/2.4916		.084/.0033					
	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.42/0.804	F780	4	7157 L	
		58.402/2.2993	63.287/2.4916		.084/.0033					
	5 (FI)	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	23.93/0.942	F780	2	7159 U/L	
		58.402/2.2993	63.287/2.4916		.084/.0033					
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>5M7163P</b> 10 20 30 40	<b>Main - Alternate set to 5M1643P with +.010" overflange length increase. * See below for dimensional information.</b>								
		1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.42/0.804	F780	4	7132 U
58.402/2.2993			63.287/2.4916		.084/.0033					
1,2,3,4		58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	20.42/0.804	F780	4	7157 L	
		58.402/2.2993	63.287/2.4916		.084/.0033					
5 (FI)		58.377/2.2983	63.261/2.4906	2.426/0.0955	.007/.0003	24.18/0.952	F780	2	7163 U/L	
		58.402/2.2993	63.287/2.4916		.084/.0033					
<i>Stock not available from fee warehouses.</i>										
<b>* DIMENSIONAL INFORMATION FOR 5M7163P</b>										
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
.010" u/s shaft				0.952"	+0.010"					
.020" u/s shaft				0.952"	+0.010"					
.030" u/s shaft				0.952"	+0.010"					
.040" u/s shaft				0.952"	+0.010"					
<b>3C1305S</b> Std.	1,2,3	47.452/1.8682	50.775/1.9990	1.640/0.0644		18.16/0.715	F23	3	CH-20-1	
		47.478/1.8692	50.825/2.0010							

## 20 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
173 (2.8) Chevrolet Eng.	1	V6	3.50 x 2.99	Connecting Rod 34-40 ft.lbs/47-54 Nm Main Bearing 63-74 ft.lbs/85-101 Nm
173 (2.8) Chevrolet Eng.	7	V6	3.50 x 2.99	
173 (2.8) Chevrolet Eng.	9	V6	3.50 x 2.99	
173 (2.8) Chevrolet Eng.	L	V6	3.50 x 2.99	
173 (2.8) Chevrolet Eng.	S	V6	3.50 x 2.99	
173 (2.8) Chevrolet Eng.	W	V6	3.50 x 2.99	
173 (2.8) Chevrolet Eng.	X	V6	3.50 x 2.99	
173 (2.8) Chevrolet Eng.	Z	V6	3.50 x 2.99	

<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>									
		50.759/1.9984	54.013/2.1265	1.575/0.0620	.027/.0011	18.29/0.720	F810	12	7116A	
		50.785/1.9994	54.039/2.1275		.105/.0041					
<b>6B1238AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B1238A.</b>									
		50.759/1.9984	53.962/2.1245	1.727/0.0680	.014/.0006	18.29/0.720	F810	12	9036A IH	
		50.785/1.9994	53.988/2.1255	(@ .010" u/s)	.080/.0031					
<b>4M1493P</b> 10 20 30 40	<b>Main - optional set to 4M1494P with +0.010" overflange increase. *See below for dimensional information.</b>									
	1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.64/0.970	F780	2	7117 U/L	
		63.363/2.4946	68.275/2.6880		.109/.0043					
	2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	18.85/0.742	F780	2	7118 U/L	
		63.363/2.4946	68.275/2.6880		.109/.0043					
	3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	24.18/0.952	F780	2	7129 U/L	
		63.363/2.4946	68.275/2.6880		.109/.0043					
	4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014	31.70/1.248	F780	2	7120 U/L	
		63.363/2.4946	68.275/2.6880		.109/.0043					
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1493P</b>									
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
	.010" u/s shaft				0.952"	+0.010"				
.020" u/s shaft				0.952"	+0.010"					
.030" u/s shaft				0.952"	+0.010"					
.040" u/s shaft				0.952"	+0.010"					

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **20**

**Main - For 1980-85 engines with 63.3 mm small journal design.**

1	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	24.64/0.970	F780	2	7117 U/L
	63.363/2.4946	68.275/2.6880						
2	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	18.85/0.742	F780	2	7118 U/L
	63.363/2.4946	68.275/2.6880						
3 (FI)	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	23.93/0.942	F780	2	7119 U/L
	63.363/2.4946	68.275/2.6880						
4	63.340/2.4937	68.250/2.6870	2.426/0.0955	.035/.0014 .109/.0043	31.70/1.248	F780	2	7120 U/L
	63.363/2.4946	68.275/2.6880						

Overflange length remains constant for standard and undersizes.

**Main - High Strength Aluminum Silicon material. For all engines with 67.2 mm large journal design.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
	67.264/2.6482	72.174/2.8415						
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
	67.264/2.6482	72.174/2.8415						
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L
	67.264/2.6482	72.174/2.8415						

Overflange length remains constant for standard and undersizes.

**Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. \*See below for dimensional information.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
	67.264/2.6482	72.174/2.8415						
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
	67.264/2.6482	72.174/2.8415						
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L
	67.264/2.6482	72.174/2.8415						

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M7122P**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	0.952"	+0.010"
0.50 mm u/s shaft	0.952"	+0.010"
0.75 mm u/s shaft	0.952"	+0.010"
1.00 mm u/s shaft	0.952"	+0.010"

**Cam**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110					
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640	16.13/0.635	F23	2	CH-18-2
	47.490/1.8697	50.825/2.0010					
4	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110					

**Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.**

1	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-1A
	47.490/1.8697	51.079/2.0110					
2,3	47.440/1.8677	50.775/1.9990	1.630/0.0640	18.42/0.725	F23	2	CH-18-2A
	47.490/1.8697	50.825/2.0010					
4	47.440/1.8677	51.029/2.0090	1.760/0.0691	16.00/0.630	F23	1	CH-18-4
	47.490/1.8697	51.079/2.0110					

**ENGINE**

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

181 (3.0) Buick Eng.	L	V6	3.80 x 2.66	Connecting Rod 40 ft.lbs/54 Nm Main Bearing 110 ft.lbs/150 Nm
231 (3.8) Buick Eng.	2	V6	3.80 x 3.40	
231 (3.8) Buick Eng.	3	V6	3.80 x 3.40	
231 (3.8) Buick Eng. Turbo	7	V6	3.80 x 3.40	
231 (3.8) Buick Eng.	A	V6	3.80 x 3.40	
252 (4.1) Buick Eng.	4	V6	3.97 x 3.40	

**Rod - .660" wide bearing.**

	57.117/2.2487	60.295/2.3738	1.572/0.0619	.014/.0006 .077/.0030	16.76/0.660	F780	12	2360 IH
	57.137/2.2495	60.312/2.3745						

**6B1228P**  
Std. 01 10 20 30 40

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>21 (Cont'd.)</b>										
<b>Rod - .002" Oversize OD version of 6B1228P.</b>										
<b>6B1228PO/S2</b> 10 20 30 40		57.117/2.2487	60.346/2.3758	1.724/0.0679	.005/.0002	16.76/0.660	F780	12	9071	
		57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.078/.0031				IH	
<b>Main - alt. set to 4M960P with +0.020" overflange length increase for undersizes.* See below for dimensional information.</b>										
<b>4M1688P</b> 10 20 30	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015	
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016	
		63.500/2.5000	68.275/2.6880		.096/.0038				L	
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019	
		63.500/2.5000	68.275/2.6880		.096/.0038				U	
	2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.38/1.078	F780	2	9018	
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1688P</b>									
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>					
		.010" u/s shaft			1.078"					+0.020"
		.020" u/s shaft			1.078"					+0.020"
		.030" u/s shaft			1.078"					+0.020"
<b>Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes.* See below for dimensional information.</b>										
<b>4M1690P</b> 20 30	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015	
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019	
		63.500/2.5000	68.275/2.6880		.096/.0038				U	
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016	
		63.500/2.5000	68.275/2.6880		.096/.0038				L	
	2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.89/1.098	F780	2	9024	
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1690P</b>									
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>					
		.020" u/s shaft			1.098"					+0.040"
		.030" u/s shaft			1.098"					+0.040"
<b>Main - alt. set to 4M960P with +0.010" overflange length increase for undersizes.* See below for dimensional information.</b>										
<b>4M1747P</b> 10 20 40	1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015	
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016	
		63.500/2.5000	68.275/2.6880		.096/.0038				L	
	4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019	
		63.500/2.5000	68.275/2.6880		.096/.0038				U	
	2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	27.13/1.068	F780	2	9020	
		63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1747P</b>									
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>					
		.010" u/s shaft			1.068"					+0.010"
		.020" u/s shaft			1.068"					+0.010"
		.040" u/s shaft			1.068"					+0.010"

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 21**
**Main - half groove, standard oil clearance. Set includes modified upper rear main bearing.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015 U/L	<b>4M960P</b> Std. 01 10 20 30 40
	63.500/2.5000	68.275/2.6880		.096/.0038					
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016 L	
	63.500/2.5000	68.275/2.6880		.096/.0038					
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019 U	
	63.500/2.5000	68.275/2.6880		.096/.0038					
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	26.87/1.058	F780	2	9017 U/L	
	63.500/2.5000	68.275/2.6880		.096/.0038					

*Overflange length remains constant for standard and undersizes.*
**Cam - grooved O/D on #1 bush - alt. to 4C1031S.**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642		19.18/0.755	F23	1	B-11-1B	<b>4C1031BS</b> Std.
	45.364/1.7860	48.705/1.9175							
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	3	B-9-2	
	45.364/1.7860	48.705/1.9175							

**Cam - 1977-1985 engines with 14 bolt oil pan.**

1	45.339/1.7850	48.654/1.9155	1.630/0.0642		19.18/0.755	F23	1	B-11-1	<b>4C1031S</b> Std.
	45.364/1.7860	48.705/1.9175							
2,3,4	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	3	B-9-2	
	45.364/1.7860	48.705/1.9175							

**Cam - Performance version for all engines 1985-89.**

1,4	45.339/1.7850	49.162/1.9355	1.890/0.0744		19.18/0.755		2	BP-13-1	<b>4C1246C</b> Std.
	45.364/1.7860	49.213/1.9375							
								BP-9-2	

**Cam - for 1985-89 engines with 20 bolt oil pan.**

1,4	45.339/1.7850	49.162/1.9355	1.890/0.0743		19.18/0.755	F23	2	B-13-1	<b>4C1246S</b> Std.
	45.364/1.7860	49.213/1.9375							
2,3	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	2	B-9-2	
	45.364/1.7860	48.705/1.9175							

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>189 (3.1) Chevrolet Eng.</b>	<b>D</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Connecting Rod 15 ft.lbs + 75 deg (VIN M only)</b>					
<b>189 (3.1) Chevrolet Eng.</b>	<b>J</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Connecting Rod 39 ft.lbs/53 Nm</b>					
<b>189 (3.1) Chevrolet Eng.</b>	<b>M</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Main Bearing 37 ft.lbs + 77 deg (VIN M only)</b>					
<b>189 (3.1) Chevrolet Eng.</b>	<b>T</b>	<b>V6</b>	<b>3.50 x 3.31</b>	<b>Main Bearing 70 ft.lbs/95 Nm</b>					
<b>189 (3.1) Chevrolet Eng. Turbo</b>	<b>V</b>	<b>V6</b>	<b>3.50 x 3.31</b>						

**Rod - High Strength Aluminum Silicon material.**

	50.759/1.9984	54.013/2.1265	1.575/0.0620	.027/.0011	18.29/0.720	F810	12	7116A	<b>6B1238A</b> Std. 01 10 20 30 40
	50.785/1.9994	54.039/2.1275		.105/.0041					

**Rod - .002" oversize OD version of 6B1238A.**

	50.759/1.9984	53.962/2.1245	1.727/0.0680 (@ .010" u/s)	.014/.0006	18.29/0.720	F810	12	9036A IH	<b>6B1238AO/S2</b> 10 20 30 40
	50.785/1.9994	53.988/2.1255		.080/.0031					

**Main - all engines (Exc. VIN M) - High Strength Aluminum Silicon material.**

1,4	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	24.80/0.976	F810	4	7237A U/L	<b>4M2037A</b> Std. .25 .50 .75 1.0
	67.264/2.6482	72.174/2.8415		.109/.0043					
2	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	18.75/0.738	F810	2	7238A U/L	
	67.264/2.6482	72.174/2.8415		.109/.0043					
3 (FI)	67.239/2.6472	72.149/2.8405	2.426/0.0955	.033/.0013	23.93/0.942	F810	2	7239A U/L	
	67.264/2.6482	72.174/2.8415		.109/.0043					

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>22 (Cont'd.)</b>										
<b>4M7122P</b> .25 .50 .75 1.0	<b>Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>									
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L	
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L	
	3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M7122P</b>									
					<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
					0.25 mm u/s shaft	0.952" +0.010"				
					0.50 mm u/s shaft	0.952" +0.010"				
					0.75 mm u/s shaft	0.952" +0.010"				
				1.00 mm u/s shaft	0.952" +0.010"					
<b>4M7189A</b> Std. .25 .50 .75 1.0	<b>Main - VIN M - High Strength Aluminum Silicon material.</b>									
	1,4	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			24.80/0.976	F810	4	7187A U/L	
	2,3(L)	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			18.75/0.738	F810	3	7188A U/L	
	3 (FI)	67.241/2.6473 67.267/2.6483	72.149/2.8405 72.174/2.8415			23.93/0.942	F810	1	7189A U	
	<b>Cam</b>									
<b>4C1102S</b> Std.	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	
	<b>Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.</b>									
<b>4C1102SW</b> Std.	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	
	2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A	
	4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	
	<b>23 ENGINE</b>									
<b>200 (3.3) Chevrolet Eng.</b>			<b>M</b>	<b>V6</b>	<b>3.50 x 3.48</b>	<b>TORQUE SETTINGS</b>				
<b>229 (3.8) Chevrolet Eng.</b>			<b>9</b>	<b>V6</b>	<b>3.74 x 3.48</b>	<b>Connecting Rod 45 ft.lbs/59 Nm</b>				
<b>229 (3.8) Chevrolet Eng.</b>			<b>K</b>	<b>V6</b>	<b>3.74 x 3.48</b>	<b>Main Bearings 70 ft.lbs/95 Nm</b>				
<b>6B1227P</b> Std. 10 20 30 40	<b>Rod</b>									
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	18.11/0.713	F780	12	7110 IH	
<b>4M1454A</b> Std. 01 10 20 30 40	<b>Main - High Strength Aluminum Silicon material.</b>									
	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F810	6	2377A U/L	
	4	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L	
	<b>Main</b>									
<b>4M1454P</b> Std. 01 10 20 30 40	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L	
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **23**

**Main - alternate set to 4M1454P with +0.020" overflange length increase. \*See below for dimensional information.**

1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L

To be discontinued when stock exhausted.

**\* DIMENSIONAL INFORMATION FOR 4M1628P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.738"	+0.020"
.020" u/s shaft	1.738"	+0.020"
.030" u/s shaft	1.738"	+0.020"
.040" u/s shaft	1.738"	+0.020"

**4M1628P**  
10 20 30 40

**Main - alternate set to 4M1454P with +0.040" overflange length increase. \*See below for dimensional information.**

1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.65/1.758	F780	2	2355 U/L

Stock not available from fee warehouses.

**\* DIMENSIONAL INFORMATION FOR 4M1684P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.758"	+0.040"
.030" u/s shaft	1.758"	+0.040"
.040" u/s shaft	1.758"	+0.040"

**4M1684P**  
20 30 40

**Cam**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
2,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	2	CH-4-2
3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	1	CH-4-3

**4C1089S**  
Std.

**ENGINE**

204 (3.3) Buick Eng.

**VIN CYL Bore x Stroke**

N V6 3.70 x 3.16

**TORQUE SETTINGS**

Connecting Rod 20 ft.lbs/27 Nm +50 deg  
Main Bearing 26 ft.lbs/35 Nm + 50 deg

**24**

**Rod**

	57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/0.0618	.023/.0009 .081/.0032	18.30/0.720	F780	12	2306 IH
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**6B1443P**  
Std. 10 20 30 40

**Rod - .002" Oversize OD version of 6B1443P.**

	57.117/2.2487 57.137/2.2495	60.351/2.3760 60.363/2.3765	1.722/0.0678 (@ .010" u/s)	.024/.0009 .082/.0032	18.30/0.720	F780	12	9046 IH
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**6B1443PO/S2**  
10 20 30 40

**Main - half groove, standard oil clearance.**

1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302 L
1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302 U
2 (FI)	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303 U/L
4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305 L

Overflange length remains constant for standard and undersizes.

**4M1822P**  
Std. 10 20 30 40

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 24 (Cont'd.)

<b>4M9022P</b> 10 20 30 40	<b>Main - Alternate set to 4M1822P with +0.010" overflange length increase.* See below for dimensional information.</b>								
	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302 L
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302 U
	2 (FI)	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	27.13/1.068	F780	2	9022 U/L
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305 L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 4M9022P</b>									
		Overall Width (Nominal)			Increase in Width				
		.010" u/s shaft			1.068" +0.010"				
		.020" u/s shaft			1.068" +0.010"				
		.030" u/s shaft			1.068" +0.010"				
		.040" u/s shaft			1.068" +0.010"				
<b>4C1246S</b> Std.	<b>Cam</b>								
	1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.890/0.0743		19.18/0.755	F23	2	B-13-1
	2,3	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	2	B-9-2

## 25 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
207 (3.4) OHV	E	V6	3.62 x 3.31	Connecting Rod 15 ft.lbs + 75 deg (1995 on)
207 (3.4) OHV	S	V6	3.62 x 3.31	Connecting Rod 39 ft.lbs/53 Nm (1991-94)
207 (3.4) DOHC	X	V6	3.62 x 3.31	Main Bearing 37 ft.lbs + 75 deg (Bolt) Main Bearing 39 ft.lbs/53 Nm (Nut)

<b>6B1238A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		50.759/1.9984 50.785/1.9994	54.013/2.1265 54.039/2.1275	1.575/0.0620	.027/.0011 .105/.0041	18.29/0.720	F810	12	7116A
<b>6B1238AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 6B1238A.</b>								
		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.727/0.0680 (@ .010" u/s)	.014/.0006 .080/.0031	18.29/0.720	F810	12	9036A IH
<b>4M2037A</b> Std. .25 .50 .75 1.0	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	24.80/0.976	F810	4	7237A U/L
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	18.75/0.738	F810	2	7238A U/L
	3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.033/.0013 .109/.0043	23.93/0.942	F810	2	7239A U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>4M7122P</b> .25 .50 .75 1.0	<b>Main - optional set to 4M2037P with +0.010" overflange length increase for undersizes. *See below for dimensional information.</b>								
	1,4	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.80/0.976	F780	4	7237 U/L
	2	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	18.75/0.738	F780	2	7238 U/L
	3 (FI)	67.239/2.6472 67.264/2.6482	72.149/2.8405 72.174/2.8415	2.426/0.0955	.025/.0010 .102/.0040	24.18/0.952	F780	2	7122 U/L
	<i>To be discontinued when stock exhausted.</i>								
<b>* DIMENSIONAL INFORMATION FOR 4M7122P</b>									
		Overall Width (Nominal)			Increase in Width				
		0.25 mm u/s shaft			0.952" +0.010"				
		0.50 mm u/s shaft			0.952" +0.010"				
		0.75 mm u/s shaft			0.952" +0.010"				
		1.00 mm u/s shaft			0.952" +0.010"				



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 25</b>									
<b>Cam - OHV engines only.</b>									
1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102S</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		16.13/0.635	F23	2	CH-18-2	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	
<b>Cam - optional set to 4C1102S with 0.725" wide #2 and #3 bushes.</b>									
1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-1A	<b>4C1102SW</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/0.0640		18.42/0.725	F23	2	CH-18-2A	
4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/0.0691		16.00/0.630	F23	1	CH-18-4	
<b>AR Auxiliary - DOHC engines only.</b>									
1	47.440/1.8677 47.490/1.8697	51.054/2.0100	1.755/0.0691		29.77/1.172	F23	1	CHG-22-1	<b>4C6001S</b> Std.
2,3	47.440/1.8677 47.490/1.8697	50.787/1.9995	1.626/0.0640		16.00/0.630	F23	2	CH-18-2	
4	47.440/1.8677 47.490/1.8697	51.041/2.0095	1.755/0.0691		15.87/0.625	F23	1	CH-18-4	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>215 (3.5)</b>		<b>L6</b>	<b>3.75 x 3.25</b>	<b>Connecting Rod 35-45 ft.lbs/48-61 Nm</b> <b>Main Bearing 60-70 ft.lbs/81-95 Nm</b>
<b>230 (3.8)</b>		<b>L6</b>	<b>3.875 x 3.250</b>	

<b>Rod</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	12	2370 IH	<b>6B745P</b> Std. 01 10 20 30 40
<b>Main</b>									
1-6	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	12	7132 U/L	<b>7M617P</b> Std. 10 20 30 40
7 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L	
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>Cam</b>									
1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	2	CH-5-2	<b>4C399S</b> Std.
2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>231 (3.8) Odd Fire (Buick Eng.)</b>	<b>C</b>	<b>V6</b>	<b>3.80 x 3.40</b>	<b>Connecting Rod 40 ft.lbs/54 Nm</b> <b>Main Bearing 110 ft.lbs/156 Nm (1977 engines)</b> <b>Main Bearing 115 ft.lbs/161 Nm (1976 engines)</b>

<b>Rod - High Strength Aluminum Silicon material.</b>	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	12	2226A IH	<b>6B610A</b> Std. 10 20 30 40
<b>Rod - To be superseded by 6B610A when stock exhausted.</b>	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	12	2226 IH	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>27 (Cont'd.)</b>										
<b>4M1688P</b> 10 20 30	<b>Main - Alt. set to 4M960P with +0.020" overflange length increase for undersizes.* See below for dimensional information.</b>									
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1688P</b>									
			Overall Width (Nominal)	Increase in Width						
	.010" u/s shaft		1.078"	+0.020"						
	.020" u/s shaft		1.078"	+0.020"						
.030" u/s shaft		1.078"	+0.020"							
<b>4M1690P</b> 20 30	<b>Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes.* See below for dimensional information.</b>									
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L	
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1690P</b>									
			Overall Width (Nominal)	Increase in Width						
	.020" u/s shaft		1.098"	+0.040"						
	.030" u/s shaft		1.098"	+0.040"						
<b>4M1747P</b> 10 20 40	<b>Main - Alt. set to 4M960P with +0.010" overflange length increase for undersizes.* See dimensional information below.</b>									
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1747P</b>									
			Overall Width (Nominal)	Increase in Width						
	.010" u/s shaft		1.068"	+0.010"						
	.020" u/s shaft		1.068"	+0.010"						
.040" u/s shaft		1.068"	+0.010"							
<b>4M960P</b> Std. 01 10 20 30 40	<b>Main - half groove, standard oil clearance. Set includes modified upper rear main bearing.</b>									
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	26.87/1.058	F780	2	9017 U/L	
	<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 27**
**Cam - grooved O/D on #1 bush - alt. to 4C1031S.**

1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1B	<b>4C1031BS</b> Std.
2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	3	B-9-2	
<b>Cam</b>									
1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1	<b>4C1031S</b> Std.
2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	3	B-9-2	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>231 (3.8) 3800 Series II (Buick Eng.) Supercharged</b>	1	V6	3.80 x 3.40	<b>Connecting Rod 20 ft.lbs/27 Nm + 50 deg</b> <b>Main Bearing 26 ft.lbs + 45deg / 35 Nm + 45deg (1990-95 Vin L engines)</b> <b>Main Bearing 26 ft.lbs + 50deg / 35 Nm +50deg (1992-99 VIN 1 &amp; K engines)</b> <b>Main Bearing 90 ft.lbs/121 Nm (1988-91 VIN C engines)</b>					
<b>231 (3.8) 3800 TPI (Buick Eng.) Supercharged</b>	1	V6	3.80 x 3.40						
<b>231 (3.8) 3800 MFI/TPI (Buick Eng.) C</b>	C	V6	3.80 x 3.40						
<b>231 (3.8) 3800 Series II (Buick Eng.) K</b>	K	V6	3.80 x 3.40						
<b>231 (3.8) 3800 MFI/TPI (Buick Eng.) L</b>	L	V6	3.80 x 3.40						

**Rod - .660" wide bearing for 1988-90 231 Type C engines only.**

57.117/2.2487	60.295/2.3738	1.572/0.0619	.014/.0006	16.76/0.660	F780	12	2360 IH	<b>6B1228P</b> Std. 01 10 20 30 40
57.137/2.2495	60.312/2.3745		.077/.0030					

**Rod - .002" Oversize OD version of 6B1228P.**

57.117/2.2487	60.346/2.3758	1.724/0.0679	.005/.0002	16.76/0.660	F780	12	9071 IH	<b>6B1228PO/S2</b> 10 20 30 40
57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.078/.0031					

**Rod - for all engines (excluding 1988-90 231 VIN C engines).**

57.117/2.2487	60.300/2.3740	1.570/0.0618	.023/.0009	18.30/0.720	F780	12	2306 IH	<b>6B1443P</b> Std. 10 20 30 40
57.137/2.2495	60.312/2.3745		.081/.0032					

**Rod - .002" oversize OD version of 6B1443P.**

57.117/2.2487	60.351/2.3760	1.722/0.0678	.024/.0009	18.30/0.720	F780	12	9046 IH	<b>6B1443PO/S2</b> 10 20 30 40
57.137/2.2495	60.363/2.3765	(@ .010" u/s)	.082/.0032					

**Main - alt. set to 4M960P with +0.020" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	<b>4M1688P</b> 10 20 30
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.38/1.078	F780	2	9018 U/L	

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 4M1688P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.078"	+0.020"
.020" u/s shaft	1.078"	+0.020"
.030" u/s shaft	1.078"	+0.020"

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>28 (Cont'd.)</b>										
<b>4M1690P</b> 20 30	<b>Main - alt. set to 4M960P with +0.040" overflange length increase for undersizes.* See below for dimensional information.</b>									
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.89/1.098	F780	2	9024 U/L	
	<i>Stock not available from fee warehouses.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1690P</b>									
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
			.020" u/s shaft		1.098"		+0.040"			
			.030" u/s shaft		1.098"		+0.040"			
<b>4M1747P</b> 10 20 40	<b>Main - alt. set to 4M960P with +0.010" overflange length increase for undersizes.* See below for dimensional information.</b>									
	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	4	9015 U/L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9016 L	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	22.07/0.869	F780	1	9019 U	
	2 (FI)	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/0.0931	.020/.0008 .096/.0038	27.13/1.068	F780	2	9020 U/L	
	<i>To be discontinued when stock exhausted.</i>									
	<b>* DIMENSIONAL INFORMATION FOR 4M1747P</b>									
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
			.010" u/s shaft		1.068"		+0.010"			
			.020" u/s shaft		1.068"		+0.010"			
		.040" u/s shaft		1.068"		+0.010"				
<b>4M1822P</b> Std. 10 20 30 40	<b>Main - half groove, standard oil clearance for all 1991-93 engines only.</b>									
	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302 L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302 U	
	2 (FI)	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303 U/L	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2305 L	
	<i>Overflange length remains constant for standard and undersizes.</i>									
	<b>Main - for 1994 engines only.</b>									
<b>4M2021P</b> Std. 10 20 30 40	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	2	2302 L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	3	2302 U	
	2 (FI)	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	26.87/1.058	F780	2	2303 U/L	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.377/0.0936	.013/.0005 .081/.0032	22.07/0.869	F780	1	2309 L	
	<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 28**
**Main - for all engines 1995 on.**

1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2299	<b>4M2022P</b> Std. 10 20 30 40
	63.495/2.4998	68.275/2.6880		.081/.0032				L	
1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302	
	63.495/2.4998	68.275/2.6880		.081/.0032				U	
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	26.87/1.058	F780	2	2303	
	63.495/2.4998	68.275/2.6880		.081/.0032				U/L	
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2309	
	63.495/2.4998	68.275/2.6880		.081/.0032				L	

*Overflange length remains constant for standard and undersizes.*
**Main - alt. set to 4M1822P with +0.010" overflange length increase for undersizes.\* See below for dimensional information.**

1,3	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	2	2302	<b>4M9022P</b> 10 20 30 40
	63.495/2.4998	68.275/2.6880		.081/.0032				L	
1,3,4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	3	2302	
	63.495/2.4998	68.275/2.6880		.081/.0032				U	
2 (FI)	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	27.13/1.068	F780	2	9022	
	63.495/2.4998	68.275/2.6880		.081/.0032				U/L	
4	63.470/2.4988	68.250/2.6870	2.377/0.0936	.013/.0005	22.07/0.869	F780	1	2305	
	63.495/2.4998	68.275/2.6880		.081/.0032				L	

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M9022P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.068"	+0.010"
.020" u/s shaft	1.068"	+0.010"
.030" u/s shaft	1.068"	+0.010"
.040" u/s shaft	1.068"	+0.010"

**Main - half groove, standard oil clearance for 1988-90 231 VIN C engines only. Set includes modified upper rear main bearing.**

1,3	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	4	9015	<b>4M960P</b> Std. 01 10 20 30 40
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9016	
	63.500/2.5000	68.275/2.6880		.096/.0038				L	
4	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	22.07/0.869	F780	1	9019	
	63.500/2.5000	68.275/2.6880		.096/.0038				U	
2 (FI)	63.475/2.4990	68.250/2.6870	2.365/0.0931	.020/.0008	26.87/1.058	F780	2	9017	
	63.500/2.5000	68.275/2.6880		.096/.0038				U/L	

*Overflange length remains constant for standard and undersizes.*
**Cam - Performance version for all engines 1988-95.**

1,4	45.339/1.7850	49.162/1.9355	1.890/0.0744		19.18/0.755		2	BP-13-1	<b>4C1246C</b> Std.
	45.364/1.7860	49.213/1.9375						BP-9-2	

**Cam - for 1988-95 engines only.**

1,4	45.339/1.7850	49.162/1.9355	1.890/0.0743		19.18/0.755	F23	2	B-13-1	<b>4C1246S</b> Std.
	45.364/1.7860	49.213/1.9375							
2,3	45.339/1.7850	48.654/1.9155	1.630/0.0642		15.88/0.625	F23	2	B-9-2	
	45.364/1.7860	48.705/1.9175							

**Cam - for engines 1996 on (Full round design).**

1,4	46.858/1.8448	50.686/1.9955	1.882/0.0741		18.92/0.745	F23	2	B-14-1	<b>4C1812S</b> Std.
	46.893/1.8462	50.711/1.9965							
2,3	46.858/1.8448	50.178/1.9755	1.628/0.0641		16.00/0.630	F23	2	B-14-2	
	46.893/1.8462	50.228/1.9775							

**Cam - for engines 1996 on (OE split type design).**

1,4	46.858/1.8448	50.686/1.9955	1.870/0.0736	.053/.0021	19.00/0.748	F250	2	5108	<b>4C5108</b> Std. 10
	46.893/1.8462	50.737/1.9975		.165/.0065					
2,3	46.858/1.8448	50.178/1.9755	1.613/0.0635	.059/.0023	15.75/0.620	F250	2	5109	
	46.893/1.8462	50.229/1.9775		.171/.0067					

**Cam Tower - Repair Insert for 1988-94 231 engines.**

2,3	45.339/1.7850	49.836/1.9620	2.230/0.0878	.012/.0005	15.75/0.620	F250	1	19549	<b>1SC19549</b> Std. 10
	45.364/1.7860	49.861/1.9630		.088/.0035					

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>28 (Cont'd.)</b>									
<b>1SC19580</b> Std. 10	<b>Cam Tower - Repair Insert for 1988-94 231 engines.</b>								
	1,4	45.339/1.7850 54.364/2.1403	49.836/1.9620 49.861/1.9630	2.230/0.0878	.012/.0005 .088/.0035	19.00/0.748	F250	1	19580
<b>1SC19581</b> Std. 10	<b>Cam Tower - Repair Insert for 1995 on 231 engines.</b>								
	1,4	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.179/0.0858	.032/.0013 .118/.0046	19.00/0.748	F250	1	19581
<b>1SC19582</b> Std. 10	<b>Cam Tower - Repair Insert for 1995 on 231 engines.</b>								
	2,3	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.176/0.0857	.038/.0015 .124/.0049	15.75/0.620	F250	1	19582
<b>RB4106</b> Semi	<b>Small End - for 231 engines 1995 on (Exc. supercharged engines).</b>								
		21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.500/0.0591	.007/.0003 .022/.0009	21.20/0.835	F100	1	RB4106
<i>Bore allowance on the ID.</i>									
<b>RB4106-R</b> Ream	<b>Small End - for 231 engines 1995 on (Exc. supercharged engines).</b>								
		21.995/0.8659 22.000/0.8661	24.562/0.9670 (Nominal)	1.360/0.0535		21.20/0.835	F100	1	RB4106-R
<i>Ream allowance on the ID.</i>									

<b>29 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
250 (4.1) Chevrolet Eng.		L6	3.875 x 3.531	Connecting Rod 35-45 ft.lbs/48-61 Nm
250 (4.1) Chevrolet Eng.		L6	3.88 x 3.53	Main Bearing 60-70 ft.lbs/81-95 Nm
250 (4.1) Chevrolet Eng.	D	L6	3.88 x 3.53	

<b>6B745P</b> Std. 01 10 20 30 40	<b>Rod</b>								
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/0.0621	.013/.0005 .077/.0030	21.38/0.842	F780	12	2370 IH
<b>7M617P</b> Std. 10 20 30 40	<b>Main</b>								
	1-6	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	20.49/0.807	F780	12	7132 U/L
	7 (FI)	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/0.0955	.007/.0003 .084/.0033	25.63/1.009	F780	2	7133 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>4C399S</b> Std.	<b>Cam - for engines 1968-70 only.</b>								
	1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		21.97/0.865	F23	2	CH-5-2
	2,3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	2	CH-5-3
<b>4C718S</b> Std.	<b>Cam - for 1971-79 engines only.</b>								
	1,2,3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/0.0644		21.97/0.865	F23	4	CH-5-3

<b>30 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>
260 (4.3) Oldsmobile Eng. Diesel	T	V6	4.057 x 3.585	Connecting Rod 42 ft.lbs/57 Nm
				Main Bearing 107 ft.lbs/146 Nm (1982 engines)
				Main Bearing 89 ft.lbs/121 Nm (1983-85 engines)

<b>6B8510P</b> Std. 10 20 30	<b>Rod</b>								
		57.125/2.2490 57.150/2.2500	60.305/2.3742 60.325/2.3750	1.570/0.0618	.013/.0005 .064/.0025	22.23/0.875	F780	12	CB1366P IH
<b>4M1616P</b> Std. 10	<b>Main</b>								
	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	24.89/0.980	F780	2	MB2362P U/L
	2	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	24.87/0.979	F780	2	MB2163P IH
	3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.380/0.0936	.020/.0008 .097/.0038	30.35/1.195	F780	2	MB2363P IH
	4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.370/0.0932	.046/.0018 .086/.0034	32.26/1.270	F780	2	MB2964P U/L
<i>Overflange length remains constant for standards and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 31**

**Cam**

1	51.707/2.0357 51.727/2.0365	55.062/2.1678 55.113/2.1698	1.640/0.0646		17.60/0.693	F23	1	O-7-1	<b>4C1247S</b> Std.
2	51.199/2.0157 51.219/2.0165	54.554/2.1478 54.605/2.1498	1.640/0.0646		17.60/0.693	F23	1	O-6-2	
3	50.691/1.9957 50.711/1.9965	54.046/2.1278 54.097/2.1298	1.640/0.0646		17.60/0.693	F23	1	O-6-3	
4	50.183/1.9757 50.203/1.9765	53.538/2.1078 53.589/2.1098	1.640/0.0646		17.60/0.693	F23	1	O-6-4	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**31**

<b>260 (4.3) Oldsmobile Eng.</b>	<b>F</b>	<b>V8</b>	<b>3.50 x 3.39</b>	<b>Connecting Rod 42 ft.lbs/57 Nm</b>
<b>307 (5.0) Oldsmobile Eng.</b>	<b>Y</b>	<b>V8</b>	<b>3.80 x 3.39</b>	<b>Main Bearing 120 ft.lbs/163 Nm (Rear bearing cap)</b>
<b>350 (5.7) Oldsmobile Eng.</b>	<b>R</b>	<b>V8</b>	<b>4.06 x 3.39</b>	<b>Main Bearing 80 ft.lbs/108 Nm (Except rear bearing cap)</b>
<b>403 (6.6) Oldsmobile Eng.</b>	<b>K</b>	<b>V8</b>	<b>4.35 x 3.39</b>	

**Rod**

	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH	<b>8B684P</b> Std. 10 20 30 40
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**Rod - .002" oversize OD version of 8B684P.**

	53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH	<b>8B684PO/S2</b> 10 20 30 40
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**Main**

1(L)	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L	<b>5M805P</b> Std. 10 20 30 40
1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH	
3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.35/1.195	F780	2	8503 IH	
5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L	

Overflange length remains constant for standard and undersizes.

**Main - optional set to 5M805P with +0.010" overflange length increase for undersizes. \* See below for dimensional information.**

1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	1	8502 L	<b>5M8603P</b> 10 20 30 40
1(U),2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	24.76/0.975	F780	5	8505 IH	
3 (FI)	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	30.61/1.205	F780	2	8603 IH	
5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/0.0936	.009/.0004 .084/.0033	41.37/1.629	F780	2	8504 U/L	

Stock not available from tee warehouses.

**\* DIMENSIONAL INFORMATION FOR 5M8603P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.205"	+0.010"
.020" u/s shaft	1.205"	+0.010"
.030" u/s shaft	1.205"	+0.010"
.040" u/s shaft	1.205"	+0.010"

**Cam - 1977 on engines.**

1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1	<b>5C1088S</b> Std.
2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2	
3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3	
4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4	
5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5	

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 31 (Cont'd.)

Cam - 1975-1976 engines.									
5C638S Std.	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-6-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5
Small End - for 307 engines only. Single pieces with bore allowance.									
RB3049YA20 Semi		24.933/0.9816 (Finish ID Bore Size)	27.534/1.0840 (Nominal)			23.37/0.920	F100	1	3049YA20

## 32 ENGINE

262 (4.3) Chevrolet Eng.

VIN

CYL

Bore x Stroke

Z

V6

4.000 x 3.484

TORQUE SETTINGS

Connecting Rod 45 ft.lbs/61 Nm

Main Bearing 70 ft.lbs/95 Nm

Rod - High Strength Aluminum Silicon material.									
6B1358A Std. 01 10 20 30 40		57.130/2.2492 57.145/2.2498	60.317/2.3747 60.342/2.3757	1.575/0.0620	.022/.0009 .089/.0035	18.92/0.745	F810	12	7111A
	Rod - .002" oversize OD version of 6B1358A.								
6B1358AO/S2 10 20 30 40		57.130/2.2492 57.145/2.2498	60.368/2.3767 60.393/2.3777	1.613/0.0635 (@ .010" u/s)	.022/.0009 .089/.0035	18.92/0.745	F810	12	9042A IH
	Rod								
6B1358P Std. 01 10 20 30 40 50 60		57.130/2.2492 57.145/2.2498	60.317/2.3747 60.342/2.3757	1.575/0.0620	.022/.0009 .089/.0035	18.92/0.745	F780	12	7111 IH
	Main - High Strength Aluminum Silicon material.								
4M1454A Std. 01 10 20 30 40	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F810	6	2377A U/L
	4	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L
Main									
4M1454P Std. 01 10 20 30 40	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L
Overflange length remains constant for standard and undersizes.									
Main - optional set to 4M1454P with +0.020" overflange length increase. *See dimensional information below.									
4M1628P 10 20 30 40	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L
	4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L
To be discontinued when stock exhausted.									
* DIMENSIONAL INFORMATION FOR 4M1628P									
				Overall Width (Nominal)		Increase in Width			
				.010" u/s shaft		1.738"			
				.020" u/s shaft		1.738"			
				.030" u/s shaft		1.738"			
				.040" u/s shaft		1.738"			
						+0.020"			
						+0.020"			
						+0.020"			
						+0.020"			



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 32**
**Main - optional set to 4M1454P with +0.040" overflange length increase. \*See dimensional information below.**

1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.007/.0003 .079/.0031	20.50/0.807	F780	6	2377 U/L	<b>4M1684P</b> 20 30 40
4 (FI)	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.65/1.758	F780	2	2355 U/L	

*Stock not available from fee warehouses.*
**\* DIMENSIONAL INFORMATION FOR 4M1684P**

	Overall Width (Nominal)	Increase in Width
.020" u/s shaft	1.758"	+0.040"
.030" u/s shaft	1.758"	+0.040"
.040" u/s shaft	1.758"	+0.040"

**Cam**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1	<b>4C1089S</b> Std.
2,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/0.0694		18.92/0.745	F23	2	CH-4-2	
3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	1	CH-4-3	

**Balance Shaft**

Rear	38.064/1.4986 38.100/1.5000	47.587/1.8735 47.612/1.8745	4.724/0.1860	.013/.0005 .050/.0020	21.21/0.835	F23	1	CHG-15A	<b>1BS1400S</b> Std.
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**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>265 (4.3)</b>	<b>S</b>	<b>V8</b>	<b>3.75 x 3.00</b>	<b>Connecting Rod 28 ft.lbs/38 Nm</b> (301 Turbo only)
<b>301 (4.9) Turbo</b>	<b>T</b>	<b>V8</b>	<b>4.00 x 3.00</b>	<b>Connecting Rod 35 ft.lbs/48 Nm</b> (265,301 only)
<b>301 (4.9)</b>	<b>W</b>	<b>V8</b>	<b>4.00 x 3.00</b>	<b>Main Bearing 100 ft.lbs/136 Nm</b> (265,301 rear bearing cap)
<b>301 (4.9)</b>	<b>Y</b>	<b>V8</b>	<b>4.00 x 3.00</b>	<b>Main Bearing 135 ft.lbs/184 Nm</b> (301 Turbo only)
				<b>Main Bearing 70 ft.lbs/95 Nm</b> (265,301 except rear bearing cap)

**33**
**Rod - .002" oversize OD version of 8B610A (2 sets required per engine).**

	50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH	<b>4B610AO/S2</b> 10 20 30 40
<b>Rod</b>	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	16	2226A IH	<b>8B610A</b> Std. 10 20 30 40
<b>Main</b>									
1,2,3	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/0.0935	.012/.0005 .089/.0035	21.97/0.865	F780	6	7134 U/L	<b>5M1415P</b> Std. 10 20 30 40
4 (FI)	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/0.0935	.012/.0005 .089/.0035	26.87/1.058	F780	2	7135 U/L	
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .089/.0035	40.38/1.590	F780	2	7136 U/L	

*Overflange length remains constant for standard and undersizes.*
**Cam**

1-5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/0.0646		17.40/0.685	F23	5	P-3-2	<b>5C292S</b> Std.
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# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>34 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
267 (4.4) Chevrolet Eng.			J	V8	3.50 x 3.48	<b>Connecting Rod 35 ft.lbs/48 Nm (11/32" bolts only)</b>			
305 (5.0) Chevrolet Eng.			7	V8	3.74 x 3.48	<b>Connecting Rod 45 ft.lbs/61 Nm (3/8" bolts only)</b>			
305 (5.0) Chevrolet Eng.			E	V8	3.74 x 3.48	<b>Main Bearing 75 ft.lbs/102 Nm</b>			
305 (5.0) Chevrolet Eng.			F	V8	3.74 x 3.48				
305 (5.0) Chevrolet Eng.			G	V8	3.74 x 3.48				
305 (5.0) Chevrolet Eng.			H	V8	3.74 x 3.48				
305 (5.0) Chevrolet Eng.			Q	V8	3.74 x 3.48				
305 (5.0) Chevrolet Eng.			S	V8	3.74 x 3.48				
305 (5.0) Chevrolet Eng.			U	V8	3.74 x 3.48				
307 (5.0) Chevrolet Eng.			CA	V8	3.88 x 3.25				
307 (5.0) Chevrolet Eng.			F	V8	3.88 x 3.25				
350 (5.7) Chevrolet Eng.			6	V8	4.00 x 3.48				
350 (5.7) Chevrolet Eng.			8	V8	4.00 x 3.48				
350 (5.7) Chevrolet Eng.			L	V8	4.00 x 3.48				
350 (5.7) Chevrolet Eng.			P	V8	4.00 x 3.48				
350 (5.7) Chevrolet Eng.			V	V8	4.00 x 3.48				

<b>8B663A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	16	2376A
<b>8B663AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663A.</b>								
		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH
<b>8B663P</b> Std. 01 10 20 30 40 50 60	<b>Rod - standard oil clearance.</b>								
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH
<b>8B663PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663P.</b>								
		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH
<b>5M1626P</b> 10 20 30 40 50 60	<b>Main - optional set to 5M909P with +0.020" overflange length increase. *See below for dimensional information.</b>								
	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	44.15/1.738	F780	2	2379 U/L
	<i>Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M1626P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.010" u/s shaft	1.738"	+0.020"			
				.020" u/s shaft	1.738"	+0.020"			
				.030" u/s shaft	1.738"	+0.020"			
				.040" u/s shaft	1.738"	+0.020"			
				.050" u/s shaft	1.738"	+0.020"			
				.060" u/s shaft	1.738"	+0.020"			
<b>5M1683P</b> 20 30 40	<b>Main - optional set to 5M909P with +0.040" overflange length increase. *See below for dimensional information.</b>								
	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
	5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	1.76/0.069	F780	2	2355 U/L
	<i>Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M1683P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.020" u/s shaft	1.758"	+0.040"			
				.030" u/s shaft	1.758"	+0.040"			
				.040" u/s shaft	1.758"	+0.040"			

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 34**
**Main - optional set to 5M909P with +0.010" overflange length increase. \*See dimensional information below.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.89/1.728	F780	2	2365 U/L

*Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**\* DIMENSIONAL INFORMATION FOR 5M1744P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.728"	+0.010"
.020" u/s shaft	1.728"	+0.010"
.030" u/s shaft	1.728"	+0.010"
.040" u/s shaft	1.728"	+0.010"
.050" u/s shaft	1.728"	+0.010"
.060" u/s shaft	1.728"	+0.010"

**Main - High Strength Aluminum Silicon material.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F810	8	2377A U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F810	2	2378A U/L

**Main - half groove. Standard oil clearance.**

1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/0.0955	.008/.0003 .079/.0031	20.50/0.807	F780	8	2377 U/L
5 (FI)	62.174/2.4478 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/0.0955	.020/.0008 .091/.0036	43.64/1.718	F780	2	2378 U/L

*Overflange length remains constant for standard and undersizes. Note: For 302 engine only - standard shaft diameter on all positions is 2.4478"/2.4488" and oil clearance is .0008"/.0036".*
**Cam - Single piece from 5C3346C set.**

1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	1	3346
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**Cam - Single piece from 5C3349C set (#1 position cam).**

	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
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**Cam - +0.010" O.D. all housing bores 2.0290"/2.0310" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.537/2.0290 51.587/2.0310	2.022/0.0796	.025/.0010 .127/.0050	19.05/0.750	F830	5	19536
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**Cam - +0.020" O.D. all housing bores 2.0390"/2.0410" (High Performance). Customer to drill oil holes.**

1-5	47.452/1.8682 47.478/1.8692	51.791/2.0390 51.841/2.0410	2.149/0.0846	.025/.0010 .127/.0050	19.05/0.750	F830	5	19537
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**Cam - standard housing bores.**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/0.0744		18.92/0.745	F23	1	CH-4-1
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.760/0.0694		18.92/0.745	F23	2	CH-4-2
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/0.0646		18.92/0.745	F23	2	CH-4-3

**Cam - All housing bores constant at 1.9990"/2.0010" (High Performance).**

1-5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	5	3346
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**Cam - standard housing bores (High Performance).**

1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/0.0746	.025/.0010 .127/.0050	19.05/0.750	F830	1	3349
2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.768/0.0696	.025/.0010 .127/.0050	19.05/0.750	F830	2	3347
3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/0.0646	.025/.0010 .127/.0050	19.05/0.750	F830	2	3346

**5M1744P**  
10 20 30 40 50 60

**5M909A**  
Std. 01 10 20 30 40

**5M909P**  
Std. 01 10 20 30 40 50 60

**1C3346C**  
Std.

**1C3349C**  
Std.

**5C004AS**  
Std.

**5C004BS**  
Std.

**5C290S**  
Std.

**5C3346C**  
Std.

**5C3349C**  
Std.

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>35</b>	<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
325	5328cc (5.3) Chevrolet Eng.	C	V8	3.780 x 3.622	<b>Connecting Rod 15 ft.lbs/20 Nm + 60 deg.</b>				
350	(5.7) Chevrolet Eng.		V8	3.897 x 3.622	<b>Main Bearing Consult service manual</b>				
350	(5.7) Chevrolet Eng.	G	V8	3.897 x 3.622					
364	(6.0) Chevrolet Eng.	U	V8	4.000 x 3.622					
<b>8B663A</b> Std. 01 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F810	16	2376A
<b>8B663AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663A.</b>								
		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH
<b>8B663P</b> Std. 01 10 20 30 40 50 60	<b>Rod</b>								
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH
<b>8B663PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B663P.</b>								
		53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH
<b>5M7298A</b> Std. 10 20 30 40	<b>Main - High Strength Aluminum Silicon material.</b>								
	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.006/.0002 .046/.0018	20.45/0.805	F810	8	7298A U/L
	3 (FI)	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.002/.0001 .046/.0018	26.10/1.028	F810	2	7299A U/L
<b>5C1000S</b> Std.	<b>Cam - 1998-2003 1st design (pos #1 &amp; #5 with housing size of 2.3260"-2.3280")</b>								
	1,5	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1
	2,4	54.991/2.1650 55.042/2.1670	58.829/2.3161 58.879/2.3181	1.880/0.0740		16.00/0.630	F23	2	CH-10-2
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3
<b>5C1001S</b> Std.	<b>Cam - 2003 on 2nd design (pos #1 &amp; #5 with housing size of 2.3460"-2.3480")</b>								
	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/0.0890		16.00/0.630	F23	2	CH-23-1
	2,4	54.991/2.1650 54.042/2.1276	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3
<b>36</b>	<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
326	(5.3)			V8	3.72 x 3.75	<b>Connecting Rod 45 ft.lbs/61 Nm</b>			
350	(5.7)			V8	3.88 x 3.75	<b>Main Bearing 120 ft.lbs/163 Nm (rear bearing cap only)</b>			
350	(5.7)		A	V8	3.88 x 3.75	<b>Main Bearing 95 ft.lbs/129 Nm (except rear bearing cap)</b>			
350	(5.7)		B	V8	3.88 x 3.75				
350	(5.7)		E	V8	3.88 x 3.75				
350	(5.7)		M	V8	3.88 x 3.75				
350	(5.7)		N	V8	3.88 x 3.75				
350	(5.7)		P	V8	3.88 x 3.75				
400	(6.6)			V8	4.12 x 3.75				
400	(6.6)		N	V8	4.12 x 3.75				
400	(6.6)		P	V8	4.12 x 3.75				
400	(6.6)		R	V8	4.12 x 3.75				
400	(6.6)		S	V8	4.12 x 3.75				
400	(6.6)		T	V8	4.12 x 3.75				
400	(6.6)		X	V8	4.12 x 3.75				
400	(6.6)		Y	V8	4.12 x 3.75				
400	(6.6)		Z	V8	4.12 x 3.75				
<b>8B758P</b> Std. 10 20 30 40	<b>Rod</b>								
		57.117/2.2487 57.142/2.2497	60.312/2.3745 60.325/2.3750	1.572/0.0619	.026/.0010 .090/.0035	22.37/0.881	F780	16	7140 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 36**
**Main - Alt set to 5M496P with +0.010" overflange length increase. \* See below for dimensional information.**

1,2,3	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	23.82/0.938	F780	6	7138 U/L
4 (FI)	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.009/.0004 .086/.0034	29.10/1.146	F780	2	7149 U/L
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	40.38/1.590	F780	2	7136 U/L

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 5M2496P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.146"	+0.010"
.020" u/s shaft	1.146"	+0.010"
.030" u/s shaft	1.146"	+0.010"
.040" u/s shaft	1.146"	+0.010"

**Main - half groove.**

1,2,3	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.000/3.1890	23.825/0.9380	.018/.0007 .084/.0033	23.95/0.943	F780	6	MB1889G U/L
4 (FI)	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.000/3.1890	2.382/0.0938	.017/.0007 .083/.0033	28.82/1.135	F780	2	MB1890G U/L
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.000/3.1890	2.382/0.0938	.018/.0007 .095/.0037	40.51/1.595	F780	2	MB1891P U/L

*Overflange length remains constant for standard and undersizes.*
**Main - full groove.**

1,2,3	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	23.82/0.938	F780	6	7138 U/L
4 (FI)	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.009/.0004 .086/.0034	28.85/1.136	F780	2	7139 U/L
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/0.0938	.011/.0004 .088/.0035	40.38/1.590	F780	2	7136 U/L

*Overflange length remains constant for standard and undersizes.*
**Cam**

1-5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/0.0646		17.40/0.685	F23	5	P-3-2
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**5M2496P**  
Std. 10 20 30 40

**5M483G**  
Std. 10 20 30

**5M496P**  
Std. 10 20 30 40

**5C292S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
350 (5.7) Diesel	N	V8	4.06 x 3.39	Connecting Rod 42 ft.lbs/57 Nm Main Bearing 120 ft.lbs/163 Nm

**37**

<b>Rod</b>	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/0.0619	.023/.0009 .087/.0034	21.11/0.831	F780	16	8500 IH
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**8B684P**  
Std. 10 20 30 40

**Rod - .002" oversize OD version of 8B684P.**

	53.945/2.1238 53.970/2.1248	57.188/2.2515 57.201/2.2520	1.724/0.0679 (@ .010" u/s)	.024/.0009 .088/.0035	21.11/0.831	F780	16	9041 IH
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**8B684PO/S2**  
10 20 30 40

**Main**

1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L
1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U
2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH
3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.38/1.196	F780	2	8508 IH
5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L

**5M804P**  
Std. 10 20 30 40

*Overflange length remains constant for standard and undersizes.*

# PONTIAC



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 37 (Cont'd.)

<b>Main - optional set to 5M804P with +0.010" overflange length increase. *See below for dimensional information.</b>									
<b>5M8519P</b> 20 30 40	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8507 L
	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	1	8512 U
	2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	24.87/0.979	F780	4	8512 IH
	3 (FI)	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	30.63/1.206	F780	2	8519 IH
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.377/0.0936	.013/.0005 .091/.0036	41.28/1.625	F780	2	8509 U/L
<i>Stock not available from fee warehouses.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8519P</b>									
				<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>				
				.020" u/s shaft	1.206"	+0.010"			
				.030" u/s shaft	1.206"	+0.010"			
				.040" u/s shaft	1.206"	+0.010"			
<b>5C1088S</b> Std.	<b>Cam</b>								
	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/0.0646		17.60/0.693	F23	1	O-7-1
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/0.0646		17.60/0.693	F23	1	O-6-2
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/0.0646		17.60/0.693	F23	1	O-6-3
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/0.0646		17.60/0.693	F23	1	O-6-4
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/0.0646		17.60/0.693	F23	1	O-6-5

## 38 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
350 (5.7) Buick Eng.	H	V8	3.80 x 3.85	Connecting Rod 35 ft.lbs/48 Nm Main Bearing 95 ft.lbs/129 Nm					
350 (5.7) Buick Eng.	J	V8	3.80 x 3.85						
350 (5.7) Buick Eng.	X	V8	3.80 x 3.85						

<b>4B610AO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B610A (2 sets required per engine).</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/size)	.015/.0006 .067/.0026	18.84/0.742	F810	8	9070A IH
<b>4B610PO/S2</b> 10 20 30 40	<b>Rod - .002" oversize OD version of 8B610P (2 sets required per engine). To be superceded by 4B610AO/S2 when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	54.018/2.1267 54.031/2.1272	1.722/0.0678 (@ .010" u/s)	.015/.0006 .067/.0026	18.84/0.742	F780	8	9070 IH
<b>8B610A</b> Std. 10 20 30 40	<b>Rod - High Strength Aluminum Silicon material.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F810	16	2226A IH
<b>8B610P</b> Std. 01 10 20 30 40	<b>Rod - To be superceded by 8B610A when stock exhausted.</b>								
		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/0.0618	.014/.0006 .066/.0026	18.84/0.742	F780	16	2226 IH
<b>5M1457P</b> Std. 10 20 30	<b>Main - half groove, standard oil clearance.</b>								
	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	6	7134 U/L
	3 (FI)	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	26.87/1.058	F780	2	7135 U/L
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.370/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	2	7137 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 38**
**Main - Alternate set to 5M1457P with +0.004" overflange length increase. \* See dimensional information below.**

1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.374/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	6	7134 U/L
3 (FI)	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.374/0.0935	.020/.0008 .097/.0038	26.97/1.062	F780	2	7177 U/L
5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.374/0.0935	.020/.0008 .097/.0038	22.10/0.870	F780	2	7137 U/L

*To be discontinued when stock exhausted.*
**\* DIMENSIONAL INFORMATION FOR 5M7177P**

	Overall Width (Nominal)	Increase in Width
.010" u/s shaft	1.062"	+0.004"
.020" u/s shaft	1.062"	+0.004"
.030" u/s shaft	1.062"	+0.004"
.040" u/s shaft	1.062"	+0.004"

**Cam**

1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		19.18/0.755	F23	1	B-11-1
2-5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/0.0642		15.88/0.625	F23	4	B-9-2

**5C680S**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
421 (6.9)		V8	4.10 x 4.00	<b>Connecting Rod 45 ft.lbs/61 Nm</b> <b>Main Bearing 120 ft.lbs/163 Nm</b> (rear bearing cap only) <b>Main Bearing 95 ft.lbs/129 Nm</b> (except rear bearing cap)
428 (7.0)		V8	4.12 x 4.00	
455 (7.5)		V8	4.15 x 4.21	
455 (7.5)	U	V8	4.15 x 4.21	
455 (7.5)	W	V8	4.15 x 4.21	
455 (7.5)	X	V8	4.15 x 4.21	
455 (7.5)	Y	V8	4.15 x 4.21	

**39**
**Rod**

	57.117/2.2487 57.142/2.2497	60.312/2.3745 60.325/2.3750	1.572/0.0619	.026/.0010 .090/.0035	22.37/0.881	F780	16	7140 IH
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**8B758P**  
Std. 10 20 30 40

**Main**

1,2,3	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.338/3.4385	2.381/0.0937	.013/.0005 .066/.0026	23.82/0.938	F780	6	7141 U/L
4 (FI)	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.338/3.4385	2.381/0.0937	.013/.0005 .066/.0026	30.35/1.195	F780	2	7142 U/L
5	82.537/3.2495 82.550/3.2500	87.325/3.4380 87.338/3.4385	2.381/0.0937	.013/.0005 .066/.0026	40.38/1.590	F780	2	7143 U/L

*Overflange length remains constant for standard and undersizes.*
**5M667P**  
Std. 10 20 30

**Cam**

1-5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/0.0646		17.40/0.685	F23	5	P-3-2
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**5C292S**  
Std.

## SAAB ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1994cc (2.0).....	(EJ205), Turbo		H4	05-05	1	256 (4.2).....		S	L6	05-05	2
2458cc (2.5).....	(EJ251)		H4	05-05	1	323 (5.3).....	Chevrolet Eng.	M	V8	05-05	3
2458cc (2.5).....	(EJ253)		H4	05-05	1	325 (5.3).....	Chevrolet Eng.	M	V8	06-06	3
2458cc (2.5).....	(EJ255), Turbo		H4	06-06	1						

## SAAB MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
9-2X - AERO	1994	2.0			05	9-7X - 5.3l	325		5.3	Chevrolet Eng.	06
	2458	2.5			06	9-7X - ARC	323		5.3	Chevrolet Eng.	05
9-2X - Linear	2458	2.5			05	9-7X - LINEAR	256		4.2		05

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1994cc (2.0) (EJ205) Turbo		H4	89.9mm x 78.5mm	Connecting Rod 32-34 ft.lbs/43-46 Nm
2458cc (2.5) (EJ251)		H4	99.5mm x 79mm	Main Bearing 17-20 ft.lbs/23-27 Nm (8mm bolts only)
2458cc (2.5) (EJ253)		H4	99.5mm x 79mm	Main Bearing 33-37 ft.lbs/44-50 Nm (10mm bolts only)
2458cc (2.5) (EJ255) Turbo		H4	99.5mm x 79mm	

4B8296	Rod								
Std. .25 .50 .75	51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F780	8	8296	
	52.000/2.0472	55.020/2.1661		.043/.0017				IH	
<b>Main - Suits engines with thrust bearing in #5 position.</b>									
5M8309	1,3	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	
		60.000/2.3622	64.020/2.5205		.030/.0012			8297	
	2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	
		60.000/2.3622	64.020/2.5205		.030/.0012			8298	
	5 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	22.95/0.904	F780	2	
		60.000/2.3622	64.020/2.5205		.030/.0012			8309	
<i>Overflange length increases for undersizes. * See below for dimensional information.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8309</b>									
			Overall Width (Nominal)	Increase in Width					
0.25mm u/s shaft			23.05 mm	+0.100 mm					
0.50mm u/s shaft			23.13 mm	+0.180 mm					
0.75mm u/s shaft			23.21 mm	+0.260 mm					

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
256 (4.2)	S	L6	93.04mm x 102mm	Connecting Rod 18 ft.lbs + 110 deg Main Bearing 18 ft.lbs + 180 deg

6B2290A	Rod - High Strength Aluminum Silicon material.								
Std. .25 .50 .75 1.0	56.691/2.2319	60.322/2.3749	1.798/0.0708	.011/.0004	20.75/0.817	F810	12	2290A	
	56.707/2.2326	60.338/2.3755		.059/.0023				IH	
<b>Rod - .002" oversize OD version of 6B2290A.</b>									
6B2290AO/S2	56.691/2.2319	60.372/2.3768	1.952/0.0769	.011/.0004	20.75/0.817	F810	12	9102A	
	56.707/2.2326	60.388/2.3775	(@ .25mm u/s)	.059/.0023				IH	
<b>Main</b>									
7M2224A	1,2,3,4,	69.967/2.7546	78.069/3.0736	4.044/0.1592	.007/.0003	20.68/0.814	F820	12	
	6,7	69.982/2.7552	78.087/3.0743		.050/.0020			MB3781P	
Std. 10 20	5 (FI)	69.967/2.7546	78.069/3.0736	4.044/0.1592	.007/.0003	25.35/0.998	F820	2	
		69.982/2.7552	78.087/3.0743		.050/.0020			MB3782P	
<b>Small End</b>									
AB3664	22.997/0.9054	25.857/1.0180	1.372/0.0540		23.75/0.935	F100	1	223-3664	
	23.000/0.9055								

3 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
323 (5.3) Chevrolet Eng.	M	V8	3.780 x 3.622	Connecting Rod 15 ft.lbs/20 Nm + 60 deg.
325 (5.3) Chevrolet Eng.	M	V8	3.780 x 3.622	Main Bearing Consult service manual

8B663A	Rod - High Strength Aluminum Silicon material.								
Std. 01 10 20 30 40	53.315/2.0990	56.507/2.2247	1.575/0.0620	.017/.0007	21.25/0.837	F810	16	2376A	
	53.340/2.1000	56.520/2.2252		.081/.0032					



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									
<b>Rod - .002" oversize OD version of 8B663A.</b>									
	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F810	16	9026A IH	<b>8B663AO/S2</b> 10 20 30 40
<b>Rod</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/0.0620	.017/.0007 .081/.0032	21.25/0.837	F780	16	2376 IH	<b>8B663P</b> Std. 01 10 20 30 40 50 60
<b>Rod - .002" oversize OD version of 8B663P.</b>									
	53.315/2.0990 53.340/2.1000	56.558/2.2267 56.571/2.2272	1.727/0.0680 (@ .010" u/s)	.018/.0007 .082/.0032	21.25/0.837	F780	16	9026 IH	<b>8B663PO/S2</b> 10 20 30 40
<b>Main - High Strength Aluminum Silicon material.</b>									
1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.006/.0002 .046/.0018	20.45/0.805	F810	8	7298A U/L	<b>5M7298A</b> Std. 10 20 30 40
3 (FI)	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/0.0957	.002/.0001 .046/.0018	26.10/1.028	F810	2	7299A U/L	
<b>Cam - 2003 on 2nd design (pos #1 &amp; #5 with housing size of 2.3460"-2.3480")</b>									
1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/0.0890		16.00/0.630	F23	2	CH-23-1	<b>5C1001S</b> Std.
2,4	54.991/2.1650 54.042/2.1276	59.080/2.3260 59.131/2.3280	2.007/0.0790		16.00/0.630	F23	2	CH-10-1	
3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.758/0.0692		16.00/0.630	F23	1	CH-10-3	

## SATURN ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
116 (1.9) .....	DOHC	7	L4	91-02	1	134 (2.2) .....	Ecotec		L4	02-05	2
116 (1.9) .....	SOHC	8	L4	95-02	1	134 2198cc (2.2)...	Ecotec (L61)	F	L4	00-06	2
116 (1.9) .....	SOHC	9	L4	91-94	1						

## SATURN MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
ION	134	2198	2.2	Ecotec	03-04	SC SERIES	116	1.9	DOHC		91-02
ION-1	134	2198	2.2	Ecotec	05		116	1.9	SOHC		93-02
ION-2	134	2198	2.2	Ecotec	05-06	SL SERIES	116	1.9	DOHC		91-02
ION-3	134	2198	2.2	Ecotec	05-06		116	1.9	SOHC		91-02
L SERIES	134	2198	2.2	Ecotec	02-03	SW SERIES	116	1.9	DOHC		93-01
LS SERIES	134	2198	2.2	Ecotec	00-01		116	1.9	SOHC		93-00
LW SERIES	134	2198	2.2	Ecotec	00-03	VUE	134	2.2	Ecotec		02-05

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
116 (1.9) DOHC	7	L4	3.23 x 3.54	Connecting Rod 31 ft.lbs/42 Nm Main Bearing 37 ft.lbs/50 Nm
116 (1.9) SOHC	8	L4	3.23 x 3.54	
116 (1.9) SOHC	9	L4	3.23 x 3.54	

4B1623P Std. .25 .50	<b>Rod</b>								
		46.990/1.8500 47.010/1.8508	50.193/1.9761 50.206/1.9766	1.590/0.0626	.013/.0005 .054/.0021	20.32/0.800	F780	8	7131 IH
4B1623PO/S2 .25 .50	<b>Rod - .002" oversize OD version of 4B1623P.</b>								
		46.990/1.8500 47.010/1.8508	50.243/1.9781 50.256/1.9786	1.741/0.0685 (@ .25 mm u/s)	.004/.0002 .060/.0024	20.32/0.800	F780	8	9086 IH
5M2009P Std. .25 .50	<b>Main</b>								
	1,2,4,5	56.993/2.2438 57.005/2.2443	60.993/2.4013 61.006/2.4018	1.989/0.0783	.013/.0005 .049/.0019	18.31/0.721	F780	4	7178 U
	1-5	56.993/2.2438 57.005/2.2443	60.993/2.4013 61.006/2.4018	1.989/0.0783	.013/.0005 .049/.0019	18.31/0.721	F780	5	7178 L
	3 (FI)	56.993/2.2438 57.005/2.2443	60.993/2.4013 61.006/2.4018	1.989/0.0783	.013/.0005 .049/.0019	27.59/1.086	F780	1	7179 U
	<i>Overflange length remains constant for standard and undersizes.</i>								
10SC6005S Std.	<b>Cam Tower - DOHC engines only.</b>								
	1,6	28.951/1.1398 28.971/1.1406	32.144/1.2655	1.567/0.0617		16.89/0.665	F23	2	GMA-2-1 U
	2,3,4,5, 7,8,9,10	28.951/1.1398 28.971/1.1406	32.144/1.2655	1.567/0.0617		16.89/0.665	F23	8	GMA-2-3 U
	1,6	28.951/1.1398 28.971/1.1406	32.144/1.2655	1.567/0.0617		16.89/0.665	F23	2	GMA-2-2 L
	2,3,4,5, 7,8,9,10	28.951/1.1398 28.971/1.1406	32.144/1.2655	1.567/0.0617		16.89/0.665	F23	8	GMA-2-1 L
5C6004S Std.	<b>Cam Tower - SOHC engines only.</b>								
	1	28.951/1.1398 28.971/1.1406	47.261/1.8607	1.397/0.0550		20.75/0.817	F23	1	GMA-1-1
	2,3,4,5	28.951/1.1398 28.971/1.1406	47.261/1.8607	1.397/0.0550		16.79/0.661	F23	4	GMA-1-2

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
134 (2.2) Ecotec		L4	86mm x 94.6mm	Connecting Rod 18 ft.lbs + 100 deg Main Bearing 15 ft.lbs + 70 deg
134 2198cc (2.2) Ecotec (L61)	F	L4	86mm x 94.6mm	

4B2296A Std. .25 .50 .75	<b>Rod - High Strength Aluminum Silicon material.</b>								
		49.000/1.9291 49.014/1.9297	52.118/2.0519 52.134/2.0525	1.542/0.0607	.020/.0008 .066/.0026	20.30/0.799	F810	8	2296A IH
4B2296AO/S2 .25 .50 .75	<b>Rod - .002" oversize OD version of 4B2296A.</b>								
		49.000/1.9291 49.014/1.9297	52.169/2.0539 52.185/2.0545	1.692/0.0666 (@ 0.25mm u/size)	.020/.0008 .066/.0026	20.30/0.799	F810	8	9110A IH



# SATURN

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									<b>2</b>
<b>Main</b>									
1,3,4,5	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.036/0.1589	.033/.0013 .078/.0031	19.79/0.779	F810	8	MB3824AL U/L	<b>5M2232A</b> Std. 10 20
2 (FI)	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.041/0.1591	.020/.0008 .063/.0025	25.88/1.019	F810	2	MB3825AL U/L	
<b>Balance Shaft - for engines 2002 on.</b>									
Rear	36.720/1.4457 36.741/1.4465	40.762/1.6048 40.775/1.6053	2.004/0.0789	.027/.0011 .068/.0027	26.00/1.024	F820	1	SH2002	<b>1BS2002S</b> Std.

**SCION ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
2398cc (2.4).....	(2AZFE)		L4	05-06	1						

**SCION MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
TC		2398	2.4		05-06						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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<b>1 ENGINE</b>		VIN	CYL	Bore x Stroke	<b>TORQUE SETTINGS</b>					
<b>2398cc (2.4) (2AZFE)</b>			<b>L4</b>	<b>86mm x 94.6mm</b>						
<b>4B8411A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>									
		47.990/1.8894 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.490/0.0587	.024/.0009 .048/.0019	15.60/0.614	F810	8	8411A IH	
<b>5M8412A</b> Std. .25 .50 .75 1.0	<b>Main - High Strength Aluminum Silicon material.</b>									
	1-5	54.988/2.1649 55.000/2.1654	59.000/2.3228 59.016/2.3235	1.996/0.0786	.008/.0003 .052/.0020	17.00/0.669	F810	10	8412A U/L	
<b>1T8412</b> Std.	<b>Thrust</b>									
		60.500/2.3819 60.750/2.3917	77.750/3.0610 78.000/3.0709			1.98/0.078	F817	2	8412T U	
<i>Set includes two pieces. Required with 5M8412A main set.</i>										
<b>1C8415A</b> Std.	<b>Cam</b>									
		35.971/1.4162 35.985/1.4167	40.000/1.5748 40.025/1.5758	2.004/0.0789	.007/.0003 .038/.0015	22.60/0.890	F810	1	8415A U	
	(F)	35.971/1.4162 35.985/1.4167	40.000/1.5748 40.025/1.5758	2.004/0.0789	.007/.0003 .038/.0015	23.60/0.929	F810	1	8417A L	
	<b>Balance Shaft</b>									
<b>4BS8416A</b> Std.		22.985/0.9049 23.000/0.9055	26.000/1.0236 26.018/1.0243	1.498/0.0590	.004/.0002 .031/.0012	22.10/0.870	F810	8	8416A IH	

## STERLING ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
2494cc (2.5).....	C25A1 DOHC	A	V6	87-88	1	2675cc (2.7).....	C27A1 DOHC	G	V6	89-91	1
2494cc (2.5).....	C25A1 DOHC	B	V6	87-88	1	2675cc (2.7).....	C27A1 DOHC	H	V6	89-91	1
2494cc (2.5).....	C25A1 DOHC	C	V6	87-88	1	2675cc (2.7).....	C27A1 DOHC	J	V6	89-89	1
2494cc (2.5).....	C25A1 DOHC	D	V6	87-88	1	2675cc (2.7).....	C27A1 DOHC	K	V6	89-91	1

## STERLING MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
825 - S		2494	2.5	C25A1 DOHC	87-88	827 - S	2675	2.7	2.7	C27A1 DOHC	89-91
825 - SL		2494	2.5	C25A1 DOHC	87-88	827 - SL	2675	2.7	2.7	C27A1 DOHC	89-91
827		2675	2.7	C27A1 DOHC	90	827 - SLI	2675	2.7	2.7	C27A1 DOHC	89-91

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
2494cc (2.5) C25A1 DOHC	A	V6	84mm x 75mm	Connecting Rod 33 ft. lbs/45 Nm (1987-90 engines)	
2494cc (2.5) C25A1 DOHC	B	V6	84mm x 75mm	Main Bearing 29 ft. lbs/39 Nm (1987-90) (9mm bolts only)	
2494cc (2.5) C25A1 DOHC	C	V6	84mm x 75mm	Main Bearing 36 ft. lbs/49 Nm (1987-90) (10mm side bolts only)	
2494cc (2.5) C25A1 DOHC	D	V6	84mm x 75mm	Main Bearing 41 ft lbs/55 Nm (1989) (11mm bridge bolts only)	
2675cc (2.7) C27A1 DOHC	G	V6	87mm x 75mm	Main Bearing 48 ft lbs/65 Nm (1990) (11mm bridge bolts only)	
2675cc (2.7) C27A1 DOHC	H	V6	87mm x 75mm	Main Bearing 50 ft. lbs/68 Nm (1987-88) (11mm bridge bolts only)	
2675cc (2.7) C27A1 DOHC	J	V6	87mm x 75mm		
2675cc (2.7) C27A1 DOHC	K	V6	87mm x 75mm		

### Rod

51.981/2.0465	55.000/2.1654	1.504/0.0592	.005/.0002	17.50/0.689	F780	12	1935
51.999/2.0472	55.025/2.1663		.072/.0028				IH

**6B1935**  
Std. .25 .50 .75

### Main - for engines with 2.7165" max housing bore.

1,2,3,4	63.974/2.5187	68.986/2.7160	2.505/0.0986	20.00/0.787	F870	8	1933
	64.000/2.5197	69.000/2.7165					U/L

**4M1933**  
Std. .25 .50 .75

### Main - for engines with 2.6779" max housing bore. (Engine serial # 2001033 or lower and CA. emissions. For all other engines with serial number below #2502726).

1,2,3,4	63.976/2.5187	68.000/2.6772	2.000/0.0787	.020/.0008	20.00/0.787	F780	8	1934
	64.000/2.5197	68.020/2.6779		.048/.0019			U/L	

**4M1934**  
Std. .25 .50

### Thrust

75.250/2.9626	93.750/3.6909			2.50/0.098	F817	2	1934T
75.500/2.9724	94.000/3.7008						IH

**1T1934**  
Std.

Note: Set includes two pieces, use on No. 3 position. Required with 4M1933/4M1934 main set.

## SUBARU ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
997cc (1.0).....	EF10		L3	83-90	1	1994cc (2.0).....	EJ20E	2	H4	00-00	7
1088cc (1.1).....	EA61 (OHV)		H4	70-71	2	1994cc (2.0).....	EJ20T, Turbo	2	H4	96-01	7
1189cc (1.2).....	EF12	7	L3	87-94	1	1994cc (2.0).....	(EJ205), Turbo		H4	02-05	7
1189cc (1.2).....	EF12	8	L3	88-94	1	2212cc (2.2).....	EJ22E	3	H4	96-98	7
1267cc (1.3).....	EA62 (OHV)		H4	72-72	2	2212cc (2.2).....	EJ22E	4	H4	96-98	7
1361cc (1.4).....	EA63 (OHV)		H4	73-76	3	2212cc (2.2).....	EJ22E	6	H4	90-96	7
1595cc (1.6).....	EA71 (OHV)		H4	76-79	4	2212cc (2.2).....	EJ22T, Turbo	6	H4	91-94	7
1595cc (1.6).....	EA71 (OHV)	2	H4	80-87	4	2212cc (2.2).....	(EJ222)	4	H4	00-01	7
1595cc (1.6).....	EA71 (OHV)	3	H4	80-80	4	2212cc (2.2).....	(EJ22E)	4	H4	99-99	7
1781cc (1.8).....	EJ18E	2	H4	93-97	7	2212cc (2.2).....	(EJ22EZ)	4	H4	98-99	7
1781cc (1.8).....	EA81 (OHV)	4	H4	80-84	5	2458cc (2.5).....	EJ25D	6	H4	96-98	8
1781cc (1.8).....	EA82 (OHC)	4	H4	85-93	6	2458cc (2.5).....	(EJ251)		H4	00-04	8
1781cc (1.8).....	EA82 (OHC), Turbo	4	H4	85-90	6	2458cc (2.5).....	(EJ251)	6	H4	00-02	8
1781cc (1.8).....	EA81 (OHV)	5	H4	81-89	5	2458cc (2.5).....	(EJ252)	6	H4	00-00	8
1781cc (1.8).....	EA82 (OHC)	5	H4	90-94	6	2458cc (2.5).....	(EJ253)		H4	99-06	8
1781cc (1.8).....	EA81T (OHV), Turbo	5	H4	83-84	5	2458cc (2.5).....	(EJ255), Turbo		H4	04-06	8
1781cc (1.8).....	EA82 (OHC), Turbo	5	H4	85-90	6	2458cc (2.5).....	(EJ257), Turbo		H4	04-06	8
1781cc (1.8).....	EA82 (OHC)	7	H4	87-89	6	2458cc (2.5).....	(EJ25D)	6	H4	99-99	8
1781cc (1.8).....	EA82 (OHC), Turbo	7	H4	85-89	6	2458cc (2.5).....	(EJ25D)	6	H4	98-98	8
1994cc (2.0).....	EJ20E		H4	90-90	7						

## SUBARU MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
BAJA	2458	2.5			03-04	IMPREZA - RS	2458	2.5			98-05
BAJA - SPORT	2458	2.5			05-06	IMPREZA - TS	2458	2.5			02-04
BAJA - TURBO	2458	2.5			05-06	IMPREZA - WRX	1994	2.0			02-05
BRAT	1595	1.6		EA71 (OHV)	78-80		2458	2.5			06
BRAT - DL	1781	1.8		EA81 (OHV)	81-83	IMPREZA - WRX STI	2458	2.5			04-06
BRAT - GL	1781	1.8		EA81 (OHV)	81-87	JUSTY - DL	1189	1.2		EF12	87-94
BRAT - GL TURBO	1781	1.8		EA81T (OHV)	84	JUSTY - GL	1189	1.2		EF12	87-94
DELUXE	1267	1.3		EA62 (OHV)	72	JUSTY - RS	1189	1.2		EF12	89
	1361	1.4		EA63 (OHV)	73	LEGACY	2212	2.2			99
DL	1361	1.4		EA63 (OHV)	74-76		2212	2.2		EJ22E	90-95
	1595	1.6		EA71 (OHV)	76-84		2458	2.5			99-05
	1781	1.8		EA81 (OHV)	80-89	LEGACY - 2.5I	2458	2.5			06
	1781	1.8		EA82 (OHC)	85-89	LEGACY - 4X4	2212	2.2		EJ22E	93-94
FE	1595	1.6		EA71 (OHV)	79		2212	2.2		EJ22T	92
FORESTER	2458	2.5			98-02	LEGACY - BRIGHTON	2212	2.2		EJ22E	95-98
FORESTER - L	2458	2.5			98	LEGACY - GT	2212	2.2		EJ22E	94
FORESTER - S	2458	2.5			98		2458	2.5			06
FORESTER - X	2458	2.5			03-06		2458	2.5		EJ25D	96-98
FORESTER - X L.L.						LEGACY - GT SPEC.B	2458	2.5			06
BEAN EDITION	2458	2.5			06	LEGACY - L	2212	2.2		EJ22E	90-98
FORESTER - XS	2458	2.5			03-05	LEGACY - L 4X4	2212	2.2		EJ22E	92-93
FORESTER - XT	2458	2.5			04-05	LEGACY - L ALPINE	2212	2.2		EJ22E	94
FORESTER - XT						LEGACY - L					
LIMITED	2458	2.5			06	OUTDOOR	2212	2.2		EJ22E	94
GF	1361	1.4		EA63 (OHV)	75-76	LEGACY - L					
	1595	1.6		EA71 (OHV)	76-79	SUNSPORT	2212	2.2		EJ22E	94
GL	1267	1.3		EA62 (OHV)	72	LEGACY - LIMITED	2458	2.5		EJ25D	97-98
	1361	1.4		EA63 (OHV)	73-75	LEGACY - LS	2212	2.2		EJ22E	90-96
	1595	1.6		EA71 (OHV)	79-87	LEGACY - LS 4X4	2212	2.2		EJ22E	92-93
	1781	1.8		EA81 (OHV)	80-89	LEGACY - LS SP	2212	2.2		EJ22E	91-93
	1781	1.8		EA81T (OHV)	83-84	LEGACY - LSI	2212	2.2		EJ22E	91-95
	1781	1.8		EA82 (OHC)	85-89		2458	2.5		EJ25D	96-97
GL-10	1781	1.8		EA82 (OHC)	85-89	LEGACY - OUTBACK	2212	2.2		EJ22E	95-96
GLF	1595	1.6		EA71 (OHV)	80		2458	2.5			99
	1781	1.8		EA81 (OHV)	80-82		2458	2.5		EJ25D	96-98
IMPREZA	1781	1.8		EJ18E	93-95	LEGACY - POSTAL	2212	2.2		EJ22E	95-98
	2212	2.2			98-01	LEGACY - SPORT	2212	2.2		EJ22T	91-94
IMPREZA - 2.5I	2458	2.5			06	LOYALE	1781	1.8		EA82 (OHC)	90-94
IMPREZA - 4X4	1781	1.8		EJ18E	93	LOYALE - RS	1781	1.8		EA82 (OHC)	90
IMPREZA - BRIGHTON	1781	1.8		EJ18E	96-97	OUTBACK	2458	2.5			01-05
	2212	2.2		EJ22E	97	OUTBACK - 2.5I	2458	2.5			06
IMPREZA - L	1781	1.8		EJ18E	93-96	OUTBACK - XT	2458	2.5			06
	2212	2.2		EJ22E	95-97	RX	1781	1.8		EA82 (OHC)	86-89
IMPREZA - L 4X4	1781	1.8		EJ18E	95	STANDARD	1361	1.4		EA63 (OHV)	76
IMPREZA - LS	1781	1.8		EJ18E	93-94		1595	1.6		EA71 (OHV)	77-87
IMPREZA - LX	2212	2.2		EJ22E	95-96		1781	1.8		EA81 (OHV)	81-87
IMPREZA - OUTBACK	1781	1.8		EJ18E	95	STAR	1088	1.1		EA61 (OHV)	71
	2212	2.2			98-01		1267	1.3		EA62 (OHV)	72
	2212	2.2		EJ22E	96-97	XT - DL	1781	1.8		EA82 (OHC)	85-88
	2458	2.5			02-04	XT - GL	1781	1.8		EA82 (OHC)	85-91
IMPREZA - OUTBACK						XT - GL-10	1781	1.8		EA82 (OHC)	85-87
SPORT	2458	2.5			06						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
997cc (1.0) EF10		L3	78mm x 70mm	Connecting Rod 29-33 ft.lbs/39-44 Nm					
1189cc (1.2) EF12	7	L3	78mm x 83mm	Main Bearing 30-35 ft.lbs/40-47 Nm					
1189cc (1.2) EF12	8	L3	78mm x 83mm						

**Rod - for all engines.**

41.988/1.6531	45.001/1.7717	1.491/0.0587	.020/.0008	15.14/0.596	F780	6	CB1469P	<b>3B1469P</b> Std. .25 .50
42.006/1.6538	45.021/1.7725		.076/.0030				IH	

**Main**

1,2,3	41.974/1.6525	45.001/1.7717	1.509/0.0594	.020/.0008	20.14/0.793	F780	6	MB3459P	<b>4M2003P</b> Std. .25 .50 .75
	41.986/1.6530	45.021/1.7725		.060/.0024					
4 (FI)	41.974/1.6525	45.001/1.7717	1.509/0.0594	.020/.0008	24.97/0.983	F780	2	MB3460P	
	41.986/1.6530	45.021/1.7725		.060/.0024					

Overflange length increases for 0.75 mm undersize. \*See dimensional information below.

**\* DIMENSIONAL INFORMATION FOR 4M2003P**

	Overall Width (Nominal)	Increase in Width
0.75 mm u/s shaft	25.12 mm	+0.15 mm

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1088cc (1.1) EA61 (OHV)		H4	76mm x 60mm	Connecting Rod 36 ft.lbs/49 Nm					
1267cc (1.3) EA62 (OHV)		H4	82mm x 60mm	Main Bearing 22 ft.lbs/30 Nm					

**Rod - for EA62 engines only.**

44.988/1.7712	48.000/1.8898	1.485/0.0585	.034/.0013	13.63/0.537	F820	8	8291AL	<b>4B8291</b> Std. .25 .50 .75
45.000/1.7717	48.016/1.8904		.078/.0031				IH	

**Main**

1,3	49.954/1.9667	54.000/2.1260	2.008/0.0791	.015/.0006	21.33/0.840	F820	4	8292AL	<b>3M8292</b> Std. .25 .50 .75
	49.969/1.9673	54.018/2.1267		.064/.0025				IH	
2 (FI)	49.954/1.9667	54.000/2.1260	2.008/0.0791	.015/.0006	25.96/1.022	F820	2	8293AL	
	49.969/1.9673	54.018/2.1267		.064/.0025				U/L	

Overflange length remains constant for standard and undersizes.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1361cc (1.4) EA63 (OHV)		H4	85mm x 60mm	Connecting Rod 30 ft.lbs/41 Nm					
				Main Bearing 22 ft.lbs/30 Nm					

**Rod**

44.988/1.7712	48.000/1.8898	1.485/0.0585	.034/.0013	13.63/0.537	F820	8	8291AL	<b>4B8291</b> Std. .25 .50 .75
45.000/1.7717	48.016/1.8904		.078/.0031				IH	

**Main**

1,3	49.954/1.9667	54.000/2.1260	2.008/0.0791	.015/.0006	21.33/0.840	F820	4	8292AL	<b>3M8292</b> Std. .25 .50 .75
	49.969/1.9673	54.018/2.1267		.064/.0025				IH	
2 (FI)	49.954/1.9667	54.000/2.1260	2.008/0.0791	.015/.0006	25.96/1.022	F820	2	8293AL	
	49.969/1.9673	54.018/2.1267		.064/.0025				U/L	

Overflange length remains constant for standard and undersizes.

**Small End**

20.000/0.7874	21.994/0.8659			24.13/0.950	F100	1	RB891	<b>RB891</b> Semi
(Nominal)	22.006/0.8664							

EA63 engines are not fitted with small end bushes as Original Equipment. To reclaim (Recondition) conrods, the small end should be bored out to the housing sizes listed above.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1595cc (1.6) EA71 (OHV)		H4	92mm x 60mm	Connecting Rod 29-31 ft.lbs/39-42 Nm					
1595cc (1.6) EA71 (OHV)	2	H4	92mm x 60mm	Main Bearing 17-20 ft.lbs/23-27 Nm (8 mm bolts)					
1595cc (1.6) EA71 (OHV)	3	H4	92mm x 60mm	Main Bearing 3-4 ft.lbs/4-5 Nm (6 mm bolts)					
				Main Bearing 30-35 ft.lbs/40-48 Nm (10 mm bolts)					

**Rod**

44.988/1.7712	48.000/1.8898	1.485/0.0585	.034/.0013	13.63/0.537	F820	8	8291AL	<b>4B8291</b> Std. .25 .50 .75
45.000/1.7717	48.016/1.8904		.078/.0031				IH	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>4 (Cont'd.)</b>									
<b>3M8292</b> Std. .25 .50 .75	<b>Main - for engines 1976-9/78 to Engine No. 76649.</b>								
	1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/0.0791	.015/.0006 .064/.0025	21.33/0.840	F820	4	8292AL IH
	2 (FI)	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/0.0791	.015/.0006 .064/.0025	25.96/1.022	F820	2	8293AL U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>3M8293</b> Std. .25 .50 .75	<b>Main - for engines 10/78-1987 from Engine No. 76650. (Locating notch on both halves in identical position).</b>								
	1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/0.0791	.015/.0006 .064/.0025	21.33/0.840	F820	4	8292AL IH
	2 (FI)	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/0.0791	.015/.0006 .064/.0025	25.96/1.022	F820	2	8293AL L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>RB4051</b> Semi	<b>Small End</b>								
		21.000/0.8268 (Nominal)	22.924/0.9025 22.949/0.9035			24.25/0.955	F100	1	RB4051
<i>EA71 engines are not fitted with small end bushes as original equipment To reclaim (recondition) conrods, the small end should be bored out to the housing sizes listed above.</i>									

<b>5 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1781cc (1.8) EA81 (OHV)	4	H4	92mm x 67mm	<b>Connecting Rod 30-32 ft.lbs/40-43 Nm</b>					
1781cc (1.8) EA81 (OHV)	5	H4	92mm x 67mm	<b>Main Bearing 17-20 ft.lbs/23-27 Nm (8mm bolts)</b>					
1781cc (1.8) EA81T (OHV) Turbo	5	H4	92mm x 67mm	<b>Main Bearing 29-35 ft.lbs/40-47 Nm (10 mm bolts)</b>					
				<b>Main Bearing 3-4 ft.lbs/4-5 Nm (6 mm bolts)</b>					

<b>4B8291</b> Std. .25 .50 .75	<b>Rod</b>								
		44.988/1.7712 45.000/1.7717	48.000/1.8898 48.016/1.8904	1.485/0.0585	.034/.0013 .078/.0031	13.63/0.537	F820	8	8291AL IH
<b>3M8294</b> Std. .25 .50 .75	<b>Main</b>								
	1,3	54.955/2.1636 54.970/2.1642	59.000/2.3228 59.018/2.3235	2.020/0.0795	.010/.0004 .069/.0027	21.13/0.832	F820	4	8294AL IH
	2 (FI)	54.955/2.1636 54.970/2.1642	59.000/2.3228 59.018/2.3235	2.020/0.0795	.010/.0004 .069/.0027	25.96/1.022	F820	2	8295AL IH
	<i>Overflange length increases for undersizes. *See below for dimensional information.</i>								
<b>* DIMENSIONAL INFORMATION FOR 3M8294</b>									
			<b>Overall Width (Nominal)</b>	<b>Increase in Width</b>					
	.25 u/s shaft		1.026"/26.06mm	+0.004"/0.10mm					
	.50 u/s shaft		1.029"/26.14mm	+0.007"/0.18mm					
	.75 u/s shaft		1.032"/26.22 mm	+0.010"/0.26mm					

<b>6 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1781cc (1.8) EA82 (OHC)	4	H4	92mm x 67mm	<b>Connecting Rod 29-31 ft.lbs/39-42 Nm</b>					
1781cc (1.8) EA82 (OHC) Turbo	4	H4	92mm x 67mm	<b>Main Bearing 17-20 ft.lbs/23-27 Nm (8mm bolts only)</b>					
1781cc (1.8) EA82 (OHC)	5	H4	92mm x 67mm	<b>Main Bearing 29-35 ft.lbs/39-48 Nm (10mm bolts only)</b>					
1781cc (1.8) EA82 (OHC) Turbo	5	H4	92mm x 67mm						
1781cc (1.8) EA82 (OHC)	7	H4	92mm x 67mm						
1781cc (1.8) EA82 (OHC) Turbo	7	H4	92mm x 67mm						

<b>4B8290</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		44.996/1.7715 45.010/1.7720	48.000/1.8898 48.016/1.8904	1.490/0.0587	.010/.0004 .066/.0026	14.60/0.575	F780	8	8290 IH



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 6**
**Main**

1,3	54.955/2.1636	59.000/2.3228	2.020/0.0795	.010/.0004	21.13/0.832	F820	4	8294AL IH	<b>3M8294</b> Std. .25 .50 .75
	54.970/2.1642	59.018/2.3235		.069/.0027					
2 (FI)	54.955/2.1636	59.000/2.3228	2.020/0.0795	.010/.0004	25.96/1.022	F820	2	8295AL IH	
	54.970/2.1642	59.018/2.3235		.069/.0027					

*Overflange length increases for undersizes. \*See below for dimensional information.*
**\* DIMENSIONAL INFORMATION FOR 3M8294**

	Overall Width (Nominal)	Increase in Width
.25 u/s shaft	1.026"/26.06mm	+0.004"/0.10mm
.50 u/s shaft	1.029"/26.14mm	+0.007"/0.18mm
.75 u/s shaft	1.032"/26.22 mm	+0.010"/0.26mm

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1781cc (1.8) EJ18E	2	H4	87.9mm x 75mm	Connecting Rod 32-34 ft.lbs/43-46 Nm
1994cc (2.0) EJ20E		H4	89.9mm x 78.5mm	Main Bearing 17-20 ft.lbs/23-27 Nm (8mm bolts only)
1994cc (2.0) EJ20E	2	H4	89.9mm x 78.5mm	Main Bearing 33-37 ft.lbs/44-50 Nm (10mm bolts only)
1994cc (2.0) EJ20T Turbo	2	H4	89.9mm x 78.5mm	
1994cc (2.0) (EJ205) Turbo		H4	89.9mm x 78.5mm	
2212cc (2.2) EJ22E	3	H4	89.9mm x 78.5mm	
2212cc (2.2) EJ22E	4	H4	89.9mm x 78.5mm	
2212cc (2.2) EJ22E	6	H4	89.9mm x 78.5mm	
2212cc (2.2) EJ22T Turbo	6	H4	89.9mm x 78.5mm	
2212cc (2.2) (EJ222)	4	H4	89.9mm x 78.5mm	
2212cc (2.2) (EJ22E)	4	H4	89.9mm x 78.5mm	
2212cc (2.2) (EJ22EZ)	4	H4	89.9mm x 78.5mm	

**Rod - Suits 52mm shaft size.**

51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F780	8	8296 IH	<b>4B8296</b> Std. .25 .50 .75
52.000/2.0472	55.020/2.1661		.043/.0017					

**Rod - Race Series - Suits 52mm shaft size.**

51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F781	8	8296H IH	<b>4B8296H</b> Std. .025 .25 .50
52.000/2.0472	55.020/2.1661		.052/.0020					

**Rod - Race Series - Suits 52mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

51.984/2.0466	55.000/2.1654	1.488/0.0586	.040/.0016	16.50/0.650	F781	8	8296HX IH	<b>4B8296HX</b> Std.
52.000/2.0472	55.020/2.1661		.077/.0030					

**Rod - Suits 48mm shaft size.**

47.984/1.8891	51.000/2.0079	1.498/0.0590	.010/.0004	15.63/0.615	F780	8	8320 IH	<b>4B8320</b> Std. .25 .50 .75 1.0
48.000/1.8898	(Nominal)		.038/.0015					

**Rod - Race Series - Suits 48mm shaft size.**

47.984/1.8891	51.000/2.0079	1.498/0.0590	.010/.0004	15.63/0.615	F781	8	8320H IH	<b>4B8320H</b> Std. .025 .25 .50
48.000/1.8898	(Nominal)		.038/.0015					

**Rod - Race Series - Suits 48mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

47.984/1.8891	51.000/2.0079	1.485/0.0585	.035/.0014	15.63/0.615	F781	8	8320HX IH	<b>4B8320HX</b> Std.
48.000/1.8898	(Nominal)		.063/.0025					

**Main - Suits engines with thrust bearing in #3 position.**

1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297 IH	<b>5M8297</b> Std. .25 .50 .75
	60.000/2.3622	64.020/2.5205		.030/.0012					
2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298 IH	
	60.000/2.3622	64.020/2.5205		.030/.0012					
3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299 IH	
	60.000/2.3622	64.020/2.5205		.030/.0012					

*Overflange length increases for undersizes. \* See below for dimensional information.*
**\* DIMENSIONAL INFORMATION FOR 5M8297**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	22.05 mm	+ 0.100 mm
0.50 mm u/s shaft	22.13 mm	+ 0.180 mm
0.75 mm u/s shaft	22.21 mm	+ 0.260 mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>7 (Cont'd.)</b>									
<b>Main - Race Series. Suits engines with thrust bearing in #3 position.</b>									
<b>5M8297H</b> Std. .025 .25 .50	1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
	2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
	3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299H IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
<b>* DIMENSIONAL INFORMATION FOR 5M8297H</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.025 mm u/s shaft				21.95 mm		STD size			
0.25 mm u/s shaft				22.05 mm		+0.100 mm			
0.50 mm u/s shaft				22.13 mm		+0.180 mm			
<b>Main - Race Series. Suits engines with thrust bearing in #3 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
<b>5M8297HX</b> Std.	1,5	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX IH
		60.000/2.3622	64.020/2.5205		.055/.0022				
	2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX IH
		60.000/2.3622	64.020/2.5205		.055/.0022				
	3 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	21.95/0.864	F780	2	8299HX IH
		60.000/2.3622	64.020/2.5205		.055/.0022				
<b>Main - Suits engines with thrust bearing in #5 position.</b>									
<b>5M8309</b> Std. .25 .50 .75	1,3	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297 IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
	2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298 IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
	5 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	22.95/0.904	F780	2	8309 IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
<b>* DIMENSIONAL INFORMATION FOR 5M8309</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.25mm u/s shaft				23.05 mm		+0.100 mm			
0.50mm u/s shaft				23.13 mm		+0.180 mm			
0.75mm u/s shaft				23.21 mm		+0.260 mm			
<b>Main - Race Series. Suits engines with thrust bearing in #5 position.</b>									
<b>5M8309H</b> Std. .025 .25 .50	1,3	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
	2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
	5 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	22.95/0.904	F780	2	8309H IH
		60.000/2.3622	64.020/2.5205		.030/.0012				
<b>* DIMENSIONAL INFORMATION FOR 5M8309H</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.025mm u/s shaft				22.95 mm		STD size			
0.25 mm u/s shaft				23.05 mm		+0.100 mm			
0.50 mm u/s shaft				23.13 mm		+0.180 mm			
<b>Main - Race Series. Suits engines with thrust bearing in #5 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
<b>5M8309HX</b> Std.	1,3	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX IH
		60.000/2.3622	64.020/2.5205		.055/.0022				
	2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX IH
		60.000/2.3622	64.020/2.5205		.055/.0022				
	5 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	22.95/0.904	F780	2	8309HX IH
		60.000/2.3622	64.020/2.5205		.055/.0022				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>8</b>
2458cc (2.5) EJ25D		6	H4	99.5mm x 79mm	Connecting Rod 32-34 ft.lbs/43-46 Nm					
2458cc (2.5) (EJ251)			H4	99.5mm x 79mm	Main Bearing 17-20 ft.lbs/23-27 Nm (8mm bolts only)					
2458cc (2.5) (EJ251)		6	H4	99.5mm x 79mm	Main Bearing 33-37 ft.lbs/44-50 Nm (10mm bolts only)					
2458cc (2.5) (EJ252)		6	H4	99.5mm x 79mm						
2458cc (2.5) (EJ253)			H4	99.5mm x 79mm						
2458cc (2.5) (EJ255) Turbo			H4	99.5mm x 79mm						
2458cc (2.5) (EJ257) Turbo			H4	99.5mm x 79mm						
2458cc (2.5) (EJ25D)			H4	99.5mm x 79mm						
2458cc (2.5) (EJ25D)		6	H4	99.5mm x 79mm						

**Rod - Suits 52mm shaft size.**

51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F780	8	8296 IH
52.000/2.0472	55.020/2.1661		.043/.0017				

**4B8296**  
Std. .25 .50 .75

**Rod - Race Series - Suits 52mm shaft size.**

51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F781	8	8296H IH
52.000/2.0472	55.020/2.1661		.052/.0020				

**4B8296H**  
Std. .025 .25 .50

**Rod - Race Series - Suits 52mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

51.984/2.0466	55.000/2.1654	1.488/0.0586	.040/.0016	16.50/0.650	F781	8	8296HX IH
52.000/2.0472	55.020/2.1661		.077/.0030				

**4B8296HX**  
Std.

**Rod - Suits 48mm shaft size.**

47.984/1.8891	51.000/2.0079	1.498/0.0590	.010/.0004	15.63/0.615	F780	8	8320 IH
48.000/1.8898	(Nominal)		.038/.0015				

**4B8320**  
Std. .25 .50 .75 1.0

**Rod - Race Series - Suits 48mm shaft size.**

47.984/1.8891	51.000/2.0079	1.498/0.0590	.010/.0004	15.63/0.615	F781	8	8320H IH
48.000/1.8898	(Nominal)		.038/.0015				

**4B8320H**  
Std. .025 .25 .50

**Rod - Race Series - Suits 48mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

47.984/1.8891	51.000/2.0079	1.485/0.0585	.035/.0014	15.63/0.615	F781	8	8320HX IH
48.000/1.8898	(Nominal)		.063/.0025				

**4B8320HX**  
Std.

**Main - Suits engines with thrust bearing in #3 position.**

1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297 IH
	60.000/2.3622	64.020/2.5205		.030/.0012				
2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298 IH
	60.000/2.3622	64.020/2.5205		.030/.0012				
3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299 IH
	60.000/2.3622	64.020/2.5205		.030/.0012				

**5M8297**  
Std. .25 .50 .75

*Overflange length increases for undersizes. \* See below for dimensional information.*
**\* DIMENSIONAL INFORMATION FOR 5M8297**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	22.05 mm	+ 0.100 mm
0.50 mm u/s shaft	22.13 mm	+ 0.180 mm
0.75 mm u/s shaft	22.21 mm	+ 0.260 mm

**Main - Race Series. Suits engines with thrust bearing in #3 position.**

1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H IH
	60.000/2.3622	64.020/2.5205		.030/.0012				
2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H IH
	60.000/2.3622	64.020/2.5205		.030/.0012				
3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299H IH
	60.000/2.3622	64.020/2.5205		.030/.0012				

**5M8297H**  
Std. .025 .25 .50

**\* DIMENSIONAL INFORMATION FOR 5M8297H**

	Overall Width (Nominal)	Increase in Width
0.025 mm u/s shaft	21.95 mm	STD size
0.25 mm u/s shaft	22.05 mm	+0.100 mm
0.50 mm u/s shaft	22.13 mm	+0.180 mm

# SUBARU



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>8 (Cont'd.)</b>										
<b>5M8297HX</b> Std.	<b>Main - Race Series. Suits engines with thrust bearing in #3 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/0.0784	.035/.0014 .055/.0022	19.00/0.748	F780	4	8297HX IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/0.0784	.035/.0014 .055/.0022	15.12/0.595	F780	4	8298HX IH	
	3 (FI)	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/0.0784	.035/.0014 .055/.0022	21.95/0.864	F780	2	8299HX IH	
	<b>Main - Suits engines with thrust bearing in #5 position.</b>									
	1,3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/0.0789	.010/.0004 .030/.0012	19.00/0.748	F780	4	8297 IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/0.0789	.010/.0004 .030/.0012	15.12/0.595	F780	4	8298 IH	
	5 (FI)	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/0.0789	.010/.0004 .030/.0012	22.95/0.904	F780	2	8309 IH	
	<i>Overflange length increases for undersizes. * See below for dimensional information.</i>									
<b>* DIMENSIONAL INFORMATION FOR 5M8309</b>										
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
0.25mm u/s shaft			23.05 mm		+0.100 mm					
0.50mm u/s shaft			23.13 mm		+0.180 mm					
0.75mm u/s shaft			23.21 mm		+0.260 mm					
<b>5M8309H</b> Std. .025 .25 .50	<b>Main - Race Series. Suits engines with thrust bearing in #5 position.</b>									
	1,3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/0.0789	.010/.0004 .030/.0012	19.00/0.748	F780	4	8297H IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/0.0789	.010/.0004 .030/.0012	15.12/0.595	F780	4	8298H IH	
	5 (FI)	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/0.0789	.010/.0004 .030/.0012	22.95/0.904	F780	2	8309H IH	
	<b>* DIMENSIONAL INFORMATION FOR 5M8309H</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
	0.025mm u/s shaft			22.95 mm		STD size				
	0.25 mm u/s shaft			23.05 mm		+0.100 mm				
	0.50 mm u/s shaft			23.13 mm		+0.180 mm				
<b>5M8309HX</b> Std.	<b>Main - Race Series. Suits engines with thrust bearing in #5 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	1,3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/0.0784	.035/.0014 .055/.0022	19.00/0.748	F780	4	8297HX IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/0.0784	.035/.0014 .055/.0022	15.12/0.595	F780	4	8298HX IH	
	5 (FI)	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/0.0784	.035/.0014 .055/.0022	22.95/0.904	F780	2	8309HX IH	

## SUBARU PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1781cc (1.8).....	(EJ18)		H4		1	2212cc (2.2).....	(EJ22T), Turbo		H4		3
1994cc (2.0).....	(EJ20)		H4		2	2458cc (2.5).....	(EJ25)		H4		4
1994cc (2.0).....	(EJ20T), Turbo		H4		2	2458cc (2.5).....	(EJ25T), Turbo		H4		4
2212cc (2.2).....	(EJ22)		H4		3						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>1781cc (1.8) (EJ18)</b>		<b>H4</b>	<b>87.9mm x 75mm</b>	<b>Connecting Rod 32-34 ft.lbs/43-46 Nm</b> <b>Main Bearing 17-20 ft.lbs/23-27 Nm</b> (8mm bolts only) <b>Main Bearing 33-37 ft.lbs/44-50 Nm</b> (10mm bolts only)

**Rod - Race Series - Suits 52mm shaft size.**

51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F781	8	8296H IH
52.000/2.0472	55.020/2.1661		.052/.0020				

**4B8296H**  
Std. .025 .25 .50

**Rod - Race Series - Suits 52mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

51.984/2.0466	55.000/2.1654	1.488/0.0586	.040/.0016	16.50/0.650	F781	8	8296HX IH
52.000/2.0472	55.020/2.1661		.077/.0030				

**4B8296HX**  
Std.

**Main - Suits engines with thrust bearing in #3 position. Race Series.**

1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H IH
	60.000/2.3622	64.020/2.5205		.030/.0012				
2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H IH
	60.000/2.3622	64.020/2.5205		.030/.0012				
3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299H IH
	60.000/2.3622	64.020/2.5205		.030/.0012				

**5M8297H**  
Std. .025 .25 .50

Overflange length increases for undersizes. \* See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 5M8297H**

	Overall Width (Nominal)	Increase in Width
0.025 mm u/s shaft	21.95 mm	STD size
0.25 mm u/s shaft	22.05 mm	+0.100 mm
0.50 mm u/s shaft	22.13 mm	+0.180 mm

**Main - Suits engines with thrust bearing in #3 position. Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.**

1,5	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX IH
	60.000/2.3622	64.020/2.5205		.055/.0022				
2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX IH
	60.000/2.3622	64.020/2.5205		.055/.0022				
3 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	21.95/0.864	F780	2	8299HX IH
	60.000/2.3622	64.020/2.5205		.055/.0022				

**5M8297HX**  
Std.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
<b>1994cc (2.0) (EJ20)</b>		<b>H4</b>	<b>89.9mm x 78.5mm</b>	<b>Connecting Rod 32-34 ft.lbs/43-46 Nm</b>
<b>1994cc (2.0) (EJ20T) Turbo</b>		<b>H4</b>	<b>89.9mm x 78.5mm</b>	<b>Main Bearing 17-20 ft.lbs/23-27 Nm</b> (8mm bolts only) <b>Main Bearing 33-37 ft.lbs/44-50 Nm</b> (10mm bolts only)

**Rod - Race Series - Suits 52mm shaft size.**

51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F781	8	8296H IH
52.000/2.0472	55.020/2.1661		.052/.0020				

**4B8296H**  
Std. .025 .25 .50

**Rod - Race Series - Suits 52mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

51.984/2.0466	55.000/2.1654	1.488/0.0586	.040/.0016	16.50/0.650	F781	8	8296HX IH
52.000/2.0472	55.020/2.1661		.077/.0030				

**4B8296HX**  
Std.

**Rod - Race Series - Suits 48mm shaft size.**

47.984/1.8891	51.000/2.0079	1.498/0.0590	.010/.0004	15.63/0.615	F781	8	8320H IH
48.000/1.8898	(Nominal)		.038/.0015				

**4B8320H**  
Std. .025 .25 .50

**Rod - Race Series - Suits 48mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

47.984/1.8891	51.000/2.0079	1.485/0.0585	.035/.0014	15.63/0.615	F781	8	8320HX IH
48.000/1.8898	(Nominal)		.063/.0025				

**4B8320HX**  
Std.

# SUBARU PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 2 (Cont'd.)

<b>5M8297H</b> Std. .025 .25 .50	<b>Main - Race Series. Suits engines with thrust bearing in #3 position.</b>									
	1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H	
		60.000/2.3622	64.020/2.5205		.030/.0012				IH	
	2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H	
		60.000/2.3622	64.020/2.5205		.030/.0012				IH	
	3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299H	
		60.000/2.3622	64.020/2.5205		.030/.0012				IH	
	<b>* DIMENSIONAL INFORMATION FOR 5M8297H</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>				
	0.025 mm u/s shaft			21.95 mm		STD size				
0.25 mm u/s shaft			22.05 mm		+0.100 mm					
0.50 mm u/s shaft			22.13 mm		+0.180 mm					
<b>5M8297HX</b> Std.	<b>Main - Race Series. Suits engines with thrust bearing in #3 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	1,5	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX	
		60.000/2.3622	64.020/2.5205		.055/.0022				IH	
	2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX	
		60.000/2.3622	64.020/2.5205		.055/.0022				IH	
	3 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	21.95/0.864	F780	2	8299HX	
		60.000/2.3622	64.020/2.5205		.055/.0022				IH	
	<b>5M8309H</b> Std. .025 .25 .50	<b>Main - Race Series. Suits engines with thrust bearing in #5 position.</b>								
		1,3	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H
			60.000/2.3622	64.020/2.5205		.030/.0012				IH
2,4		59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H	
		60.000/2.3622	64.020/2.5205		.030/.0012				IH	
5 (FI)		59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	22.95/0.904	F780	2	8309H	
		60.000/2.3622	64.020/2.5205		.030/.0012				IH	
<b>* DIMENSIONAL INFORMATION FOR 5M8309H</b>										
			<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>					
0.025mm u/s shaft			22.95 mm		STD size					
0.25 mm u/s shaft			23.05 mm		+0.100 mm					
0.50 mm u/s shaft			23.13 mm		+0.180 mm					
<b>5M8309HX</b> Std.	<b>Main - Race Series. Suits engines with thrust bearing in #5 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
	1,3	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX	
		60.000/2.3622	64.020/2.5205		.055/.0022				IH	
	2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX	
		60.000/2.3622	64.020/2.5205		.055/.0022				IH	
	5 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	22.95/0.904	F780	2	8309HX	
		60.000/2.3622	64.020/2.5205		.055/.0022				IH	

## 3 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
2212cc (2.2) (EJ22)		H4	96.9mm x 75mm	Connecting Rod 32-34 ft.lbs/43-46 Nm
2212cc (2.2) (EJ22T) Turbo		H4	96.9mm x 75mm	Main Bearing 17-20 ft.lbs/23-27 Nm (8mm bolts only)
				Main Bearing 33-37 ft.lbs/44-50 Nm (10mm bolts only)

<b>4B8296H</b> Std. .025 .25 .50	<b>Rod - Race Series - Suits 52mm shaft size.</b>								
	51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F781	8	8296H	
	52.000/2.0472	55.020/2.1661		.052/.0020				IH	
<b>4B8296HX</b> Std.	<b>Rod - Race Series - Suits 52mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	51.984/2.0466	55.000/2.1654	1.488/0.0586	.040/.0016	16.50/0.650	F781	8	8296HX	
	52.000/2.0472	55.020/2.1661		.077/.0030				IH	
<b>4B8320H</b> Std. .025 .25 .50	<b>Rod - Race Series - Suits 48mm shaft size.</b>								
	47.984/1.8891	51.000/2.0079	1.498/0.0590	.010/.0004	15.63/0.615	F781	8	8320H	
	48.000/1.8898	(Nominal)		.038/.0015				IH	
<b>4B8320HX</b> Std.	<b>Rod - Race Series - Suits 48mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>								
	47.984/1.8891	51.000/2.0079	1.485/0.0585	.035/.0014	15.63/0.615	F781	8	8320HX	
	48.000/1.8898	(Nominal)		.063/.0025				IH	

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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(Cont'd.) **3**

**Main - Race Series. Suits engines with thrust bearing in #3 position.**

1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H IH	<b>5M8297H</b> Std. .025 .25 .50
	60.000/2.3622	64.020/2.5205		.030/.0012					
2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H IH	
	60.000/2.3622	64.020/2.5205		.030/.0012					
3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299H IH	
	60.000/2.3622	64.020/2.5205		.030/.0012					

**\* DIMENSIONAL INFORMATION FOR 5M8297H**

	Overall Width (Nominal)	Increase in Width
0.025 mm u/s shaft	21.95 mm	STD size
0.25 mm u/s shaft	22.05 mm	+0.100 mm
0.50 mm u/s shaft	22.13 mm	+0.180 mm

**Main - Race Series. Suits engines with thrust bearing in #3 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1,5	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX IH	<b>5M8297HX</b> Std.
	60.000/2.3622	64.020/2.5205		.055/.0022					
2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX IH	
	60.000/2.3622	64.020/2.5205		.055/.0022					
3 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	21.95/0.864	F780	2	8299HX IH	
	60.000/2.3622	64.020/2.5205		.055/.0022					

**Main - Race Series. Suits engines with thrust bearing in #5 position.**

1,3	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H IH	<b>5M8309H</b> Std. .025 .25 .50
	60.000/2.3622	64.020/2.5205		.030/.0012					
2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H IH	
	60.000/2.3622	64.020/2.5205		.030/.0012					
5 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	22.95/0.904	F780	2	8309H IH	
	60.000/2.3622	64.020/2.5205		.030/.0012					

**\* DIMENSIONAL INFORMATION FOR 5M8309H**

	Overall Width (Nominal)	Increase in Width
0.025mm u/s shaft	22.95 mm	STD size
0.25 mm u/s shaft	23.05 mm	+0.100 mm
0.50 mm u/s shaft	23.13 mm	+0.180 mm

**Main - Race Series. Suits engines with thrust bearing in #5 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

1,3	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX IH	<b>5M8309HX</b> Std.
	60.000/2.3622	64.020/2.5205		.055/.0022					
2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX IH	
	60.000/2.3622	64.020/2.5205		.055/.0022					
5 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	22.95/0.904	F780	2	8309HX IH	
	60.000/2.3622	64.020/2.5205		.055/.0022					

**ENGINE**

**VIN CYL Bore x Stroke**

**TORQUE SETTINGS**

2458cc (2.5) (EJ25)

H4

99.5mm x 79mm

Connecting Rod 32-34 ft.lbs/43-46 Nm

2458cc (2.5) (EJ25T) Turbo

H4

99.5mm x 79mm

Main Bearing 17-20 ft.lbs/23-27 Nm (Case bolts)

**4**

**Rod - Race Series - Suits 52mm shaft size.**

	51.984/2.0466	55.000/2.1654	1.500/0.0591	.015/.0006	16.50/0.650	F781	8	8296H IH	<b>4B8296H</b> Std. .025 .25 .50
	52.000/2.0472	55.020/2.1661		.052/.0020					

**Rod - Race Series - Suits 52mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	51.984/2.0466	55.000/2.1654	1.488/0.0586	.040/.0016	16.50/0.650	F781	8	8296HX IH	<b>4B8296HX</b> Std.
	52.000/2.0472	55.020/2.1661		.077/.0030					

**Rod - Race Series - Suits 48mm shaft size.**

	47.984/1.8891	51.000/2.0079	1.498/0.0590	.010/.0004	15.63/0.615	F781	8	8320H IH	<b>4B8320H</b> Std. .025 .25 .50
	48.000/1.8898	(Nominal)		.038/.0015					

**Rod - Race Series - Suits 48mm shaft size. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.**

	47.984/1.8891	51.000/2.0079	1.485/0.0585	.035/.0014	15.63/0.615	F781	8	8320HX IH	<b>4B8320HX</b> Std.
	48.000/1.8898	(Nominal)		.063/.0025					

# SUBARU PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>4 (Cont'd.)</b>									
<b>Main - Race Series. Suits engines with thrust bearing in #3 position.</b>									
<b>5M8297H</b> Std. .025 .25 .50	1,5	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H
		60.000/2.3622	64.020/2.5205		.030/.0012				IH
	2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H
		60.000/2.3622	64.020/2.5205		.030/.0012				IH
	3 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	21.95/0.864	F780	2	8299H
		60.000/2.3622	64.020/2.5205		.030/.0012				IH
<b>* DIMENSIONAL INFORMATION FOR 5M8297H</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.025 mm u/s shaft				21.95 mm		STD size			
0.25 mm u/s shaft				22.05 mm		+0.100 mm			
0.50 mm u/s shaft				22.13 mm		+0.180 mm			
<b>Main - Race Series. Suits engines with thrust bearing in #3 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
<b>5M8297HX</b> Std.	1,5	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX
		60.000/2.3622	64.020/2.5205		.055/.0022				IH
	2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX
		60.000/2.3622	64.020/2.5205		.055/.0022				IH
	3 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	21.95/0.864	F780	2	8299HX
		60.000/2.3622	64.020/2.5205		.055/.0022				IH
<b>Main - Race Series. Suits engines with thrust bearing in #5 position.</b>									
<b>5M8309H</b> Std. .025 .25 .50	1,3	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	19.00/0.748	F780	4	8297H
		60.000/2.3622	64.020/2.5205		.030/.0012				IH
	2,4	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	15.12/0.595	F780	4	8298H
		60.000/2.3622	64.020/2.5205		.030/.0012				IH
	5 (FI)	59.984/2.3616	64.000/2.5197	2.005/0.0789	.010/.0004	22.95/0.904	F780	2	8309H
		60.000/2.3622	64.020/2.5205		.030/.0012				IH
<b>* DIMENSIONAL INFORMATION FOR 5M8309H</b>									
				<b>Overall Width (Nominal)</b>		<b>Increase in Width</b>			
0.025mm u/s shaft				22.95 mm		STD size			
0.25 mm u/s shaft				23.05 mm		+0.100 mm			
0.50 mm u/s shaft				23.13 mm		+0.180 mm			
<b>Main - Race Series. Suits engines with thrust bearing in #5 position. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized cranks.</b>									
<b>5M8309HX</b> Std.	1,3	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	19.00/0.748	F780	4	8297HX
		60.000/2.3622	64.020/2.5205		.055/.0022				IH
	2,4	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	15.12/0.595	F780	4	8298HX
		60.000/2.3622	64.020/2.5205		.055/.0022				IH
	5 (FI)	59.984/2.3616	64.000/2.5197	1.992/0.0784	.035/.0014	22.95/0.904	F780	2	8309HX
		60.000/2.3622	64.020/2.5205		.055/.0022				IH



## SUZUKI ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
543cc (0.5).....	F5A		L3	77-89	1	81 1325cc (1.3)....	G13A SOHC	5	L4	85-89	4
797cc (0.8).....	F8A		L4	77-90	2	97 1590cc (1.6)....	G16KC (8V)	0	L4	89-95	5
970cc (1.0).....	F10A		L4	82-90	2	97 1590cc (1.6)....	G16KV (16V)	0	L4	92-98	5
61 993cc (1.0).....	G10		L3	80-85	3	97 1590cc (1.6)....	G16KV (16V)	1	L4	92-98	5
61 993cc (1.0).....	G10	1	L3	81-81	3	97 1590cc (1.6)....	G16KV (16V)	3	L4	95-00	5
61 993cc (1.0).....	G10	2	L3	83-83	3	97 1590cc (1.6)....	(G16KC)	0	L4	92-95	5
61 993cc (1.0).....	G10	4	L3	86-94	3	97 1590cc (1.6)....	(G16KV)	0	L4	93-95	5
61 993cc (1.0).....	G10T, Turbo	4	L3	87-88	3	1790cc (1.8).....	J18A		L4	99-99	6
61 993cc (1.0).....	G10	S	L3	85-88	3	1790cc (1.8).....	J18A	4	L4	00-02	6
79 1298cc (1.3)....	G13K DOHC		L4	89-94	4	1840cc (1.8).....	J18A	2	L4	96-98	6
79 1298cc (1.3)....	G13BA SOHC	2	L4	95-01	4	2000cc (2.0).....	J20A		L4	99-05	7
79 1298cc (1.3)....	G13BA SOHC	3	L4	85-95	4						

## SUZUKI MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
AERIO		2000	2.0	J20A	02-03	SIDEKICK - JLX	97	1590	1.6	G16KC (8V)	90-95
AERIO - SX		2000	2.0	J20A	02-03	SIDEKICK - JS	97	1590	1.6	G16KV (16V)	92-95
ESTEEM	97	1590	1.6	G16KV (16V)	00	SIDEKICK - JS	97	1590	1.6	G16KV (16V)	93-95
		1790	1.8	J18A	99-02		97	1590	1.6	G16KC (8V)	90-92
ESTEEM - GL	97	1590	1.6	G16KV (16V)	95-98		97	1590	1.6	G16KV (16V)	92-98
ESTEEM - GLX	97	1590	1.6	G16KV (16V)	95-98	SIDEKICK - JX	97	1590	1.6		92-94
FORENZA		2000	2.0	J20A	04		97	1590	1.6	G16KC (8V)	90-95
FORENZA - EX		2000	2.0	J20A	05		97	1590	1.6	G16KV (16V)	92-98
FORENZA - LX		2000	2.0	J20A	05	SIDEKICK - SPORT		1840	1.8	J18A	96-98
FORENZA - S		2000	2.0	J20A	05	SJ410	61	993	1.0	G10	80-84
FORSA	61	993	1.0	G10	85-88	SJ413	79	1298	1.3	G13BA SOHC	85
	61	993	1.0	G10T	87-88	SWIFT	79	1298	1.3	G13BA SOHC	89-01
FORSA - V	61	993	1.0	G10	87-88	SWIFT - DLX	79	1298	1.3	G13BA SOHC	95-98
LJ81	61	993	1.0	G10	81	SWIFT - GA	61	993	1.0	G10	92-94
SA310	61	993	1.0	G10	85		79	1298	1.3	G13BA SOHC	90-98
SAMURAI	79	1298	1.3	G13BA SOHC	90	SWIFT - GL	79	1298	1.3	G13BA SOHC	90-91
	81	1325	1.3	G13A SOHC	85-89		97	1590	1.6	G16KV (16V)	92-93
SAMURAI - JA	79	1298	1.3	G13BA SOHC	91-93	SWIFT - GLX	79	1298	1.3	G13BA SOHC	91
SAMURAI - JL	79	1298	1.3	G13BA SOHC	91-95		97	1590	1.6	G16KV (16V)	92-93
SAMURAI - JS	79	1298	1.3	G13BA SOHC	91	SWIFT - GS	79	1298	1.3	G13BA SOHC	92-94
SIDEKICK	81	1325	1.3	G13A SOHC	89	SWIFT - GT	79	1298	1.3	G13BA SOHC	89-94
	97	1590	1.6	G16KC (8V)	89-93	SWIFT - L	79	1298	1.3	G13BA SOHC	90-94
	97	1590	1.6	G16KV (16V)	93	SWIFT - S	79	1298	1.3	G13BA SOHC	90
SIDEKICK - JA	97	1590	1.6	G16KV (16V)	96-98	VITARA		2000	2.0	J20A	99-03
SIDEKICK - JL	97	1590	1.6	G16KC (8V)	91	X-90 - JLX	97	1590	1.6	G16KV (16V)	96-98

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
543cc (0.5) F5A		L3	62mm x 60mm	Connecting Rod 21-24 ft.lbs/28-32 Nm Main Bearing 41-44 ft.lbs/55-60 Nm	

<b>Rod</b>	37.985/1.4955 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/0.0587	.018/.0007 .068/.0027	18.00/0.709	F820	6	8341AL IH	<b>3B8341</b> Std. .25 .50 .75
<b>Main</b>									
1-4	39.980/1.5740 40.000/1.5748	44.000/1.7323 44.020/1.7331	1.990/0.0783	.020/.0008 .086/.0034	17.00/0.669	F780	8	8355 IH	<b>4M8355</b> Std. .25 .50
<b>Thrust</b>									
	47.100/1.8543 47.350/1.8642	62.550/2.4626 62.800/2.4724			2.52/0.099	F817	2	8355T IH	<b>1T8355</b> Std.
<i>Set includes two pieces. Required with 4M8355 main set.</i>									
<b>Small End - not bored, single pieces.</b>									
	15.970/0.6287 15.970/0.6287	18.000/0.7087 18.000/0.7087			21.50/0.847	F100	1	RB4075	<b>RB4075</b> Semi

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
797cc (0.8) F8A 970cc (1.0) F10A		L4 L4	62mm x 66mm 65.5mm x 72mm	Connecting Rod 20-23 ft.lbs/27-31 Nm Main Bearing 32-35 ft.lbs/43-48 Nm	

<b>Rod</b>	37.985/1.4955 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/0.0587	.018/.0007 .068/.0027	18.00/0.709	F820	8	8341AL IH	<b>4B8341</b> Std. .25 .50 .75 1.0
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>2 (Cont'd.)</b>									
<b>5M8342</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.985/1.9679 50.000/1.9685	53.988/2.1255 54.008/2.1263	1.986/0.0782	.016/.0006 .067/.0026	20.00/0.787	F820	10	8342AL IH
<b>1T8342</b> Std.	<b>Thrust</b>								
		57.000/2.2441 57.250/2.2539	72.380/2.8496 72.630/2.8594			2.50/0.098	F250	2	8342T IH
<i>Set includes two pieces. Required with 5M8342 main set.</i>									
<b>RB4075</b> Semi	<b>Small End - not bored, single pieces.</b>								
		15.970/0.6287 15.970/0.6287	18.000/0.7087 18.000/0.7087			21.50/0.847	F100	1	RB4075
<b>3 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>61 993cc (1.0) G10</b>				<b>L3</b>	<b>74mm x 77mm</b>	<b>Connecting Rod 24-27 ft.lbs/33-37 Nm</b>			
<b>61 993cc (1.0) G10</b>		<b>1</b>		<b>L3</b>	<b>74mm x 77mm</b>	<b>Main Bearing 36-41 ft.lbs/49-56 Nm</b>			
<b>61 993cc (1.0) G10</b>		<b>2</b>		<b>L3</b>	<b>74mm x 77mm</b>				
<b>61 993cc (1.0) G10</b>		<b>4</b>		<b>L3</b>	<b>74mm x 77mm</b>				
<b>61 993cc (1.0) G10T Turbo</b>		<b>4</b>		<b>L3</b>	<b>74mm x 77mm</b>				
<b>61 993cc (1.0) G10</b>		<b>S</b>		<b>L3</b>	<b>74mm x 77mm</b>				
<b>3B8336</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		41.983/1.6529 41.999/1.6535	44.998/1.7716 45.018/1.7724	1.490/0.0587	.020/.0008 .068/.0027	18.00/0.709	F780	6	8336 IH
<b>4M8337</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-4	44.983/1.7710 44.998/1.7716	48.998/1.9291 49.018/1.9298	2.000/0.0787	.020/.0008 .068/.0027	18.00/0.709	F780	8	8337 U/L
<b>1T8337</b> Std.	<b>Thrust</b>								
		52.250/2.0571 (Nominal I.D.)	67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T IH
<i>Note: Set includes two pieces, use on No. 3 position. Required with 4M8337 main set.</i>									
<b>4 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>79 1298cc (1.3) G13K DOHC</b>				<b>L4</b>	<b>74mm x 75.5mm</b>	<b>Connecting Rod 24-27 ft.lbs/33-37 Nm</b>			
<b>79 1298cc (1.3) G13BA SOHC</b>		<b>2</b>		<b>L4</b>	<b>74mm x 75.5mm</b>	<b>Main Bearing 37-41 ft.lbs/50-56 Nm</b>			
<b>79 1298cc (1.3) G13BA SOHC</b>		<b>3</b>		<b>L4</b>	<b>74mm x 75.5mm</b>				
<b>81 1325cc (1.3) G13A SOHC</b>		<b>5</b>		<b>L4</b>	<b>74mm x 77mm</b>				
<b>4B8336</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		41.984/1.6529 41.999/1.6535	44.998/1.7716 45.018/1.7724	1.490/0.0587	.020/.0008 .068/.0027	18.00/0.709	F780	8	8336 IH
<b>5M8337</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	44.983/1.7710 44.998/1.7716	48.998/1.9291 49.018/1.9298	2.000/0.0787	.020/.0008 .068/.0027	18.00/0.709	F780	10	8337 U/L
<b>1T8337</b> Std.	<b>Thrust</b>								
		52.250/2.0571 (Nominal I.D.)	67.900/2.6732 (Nominal O.D.)			2.52/0.099	F250	2	8337T IH
<i>Note: Set includes two pieces, use on No. 4 position. Required with 5M8337 main set.</i>									
<b>5 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>97 1590cc (1.6) G16KC (8V)</b>		<b>0</b>		<b>L4</b>	<b>75mm x 90mm</b>	<b>Connecting Rod 24-27 ft.lbs/33-37 Nm</b>			
<b>97 1590cc (1.6) G16KV (16V)</b>		<b>0</b>		<b>L4</b>	<b>75mm x 90mm</b>	<b>Main Bearing 37-41 ft.lbs/50-56 Nm</b>			
<b>97 1590cc (1.6) G16KV (16V)</b>		<b>1</b>		<b>L4</b>	<b>75mm x 90mm</b>				
<b>97 1590cc (1.6) G16KV (16V)</b>		<b>3</b>		<b>L4</b>	<b>75mm x 90mm</b>				
<b>97 1590cc (1.6) (G16KC)</b>		<b>0</b>		<b>L4</b>	<b>75mm x 90mm</b>				
<b>97 1590cc (1.6) (G16KV)</b>		<b>0</b>		<b>L4</b>	<b>75mm x 90mm</b>				
<b>4B8340</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		43.983/1.7316 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.495/0.0589	.010/.0004 .076/.0030	18.10/0.713	F780	8	8340 IH
<b>5M8339</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.005/0.0789	.010/.0004 .072/.0028	18.10/0.713	F780	10	8339 U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 5**
**Thrust**

3	59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430			2.52/0.099	F817	2	8339T IH	<b>1T8339</b> Std.
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*Note: Set includes two pieces, use on No. 3 position. Required with 5M8339 main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>1790cc (1.8) J18A</b>		<b>L4</b>	<b>84mm x 83mm</b>	<b>Connecting Rod 33 ft.lbs/45 Nm</b>					
<b>1790cc (1.8) J18A</b>	<b>4</b>	<b>L4</b>	<b>84mm x 83mm</b>	<b>Main Bearing 20 ft.lbs/27 Nm (8 mm bolt)</b>					
<b>1840cc (1.8) J18A</b>	<b>2</b>	<b>L4</b>	<b>84mm x 83mm</b>	<b>Main Bearing 42 ft.lbs/58 Nm (10 mm bolt)</b>					

**6**
**Rod**

	49.982/1.9678 50.000/1.9685	53.000/2.0866 53.018/2.0873	1.490/0.0587	.020/.0008 .076/.0030	16.13/0.635	F780	8	8306 IH	<b>4B8306</b> Std. .25 .50 .75
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**Main**

1-5	57.982/2.2828 58.000/2.2835	62.000/2.4409 62.018/2.4416	2.003/0.0789		19.12/0.753	F780	10	8307 U/L	<b>5M8307</b> Std. .25 .50 .75
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**Thrust**

	71.500/2.8150 (Nominal I.D.)	84.550/3.3287 (Nominal O.D.)			2.50/0.098	F817	2	8307T IH	<b>1T8307</b> Std.
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*Note: Set includes two pieces. Required with 5M8307 main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
<b>2000cc (2.0) J20A</b>		<b>L4</b>	<b>84mm x 90mm</b>	<b>Main Bearing 20 ft.lbs (10 mm bolt)</b>					
				<b>Main Bearing 44 ft.lbs (8 mm bolt)</b>					

**7**
**Rod**

	49.982/1.9678 50.000/1.9685	53.000/2.0866 53.018/2.0873	1.490/0.0587	.020/.0008 .076/.0030	16.13/0.635	F780	8	8306 IH	<b>4B8306</b> Std. .25 .50 .75
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**Main**

1-5	57.982/2.2828 58.000/2.2835	62.000/2.4409 62.018/2.4416	2.003/0.0789		19.12/0.753	F780	10	8307 U/L	<b>5M8307</b> Std. .25 .50 .75
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**Thrust**

	71.500/2.8150 (Nominal I.D.)	84.550/3.3287 (Nominal O.D.)			2.50/0.098	F817	2	8307T IH	<b>1T8307</b> Std.
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*Note: Set includes two pieces. Required with 5M8307 main set.*

**TOYOTA ENGINE INDEX**

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
999cc (1.0).....	(Starlet) (1E)		L4	85-92	1	2366cc (2.4).....	(22RTEC), Turbo	R	L4	85-88	21
1077cc (1.1).....	(KC)		L4	68-69	2	2398cc (2.4).....	(2AZFE)		L4	01-06	25
1166cc (1.2).....	(3KC)		L4	69-73	2	2438cc (2.4).....	DOHC (2RZFE)		L4	99-04	23
1166cc (1.2).....	(3KC)	K	L4	74-79	2	2438cc (2.4).....	DOHC (2RZFE)	L	L4	96-98	23
1290cc (1.3).....	(4KC)	K	L4	81-82	2	2438cc (2.4).....	DOHC (2RZFE)	U	L4	95-95	23
1290cc (1.3).....	(4KE)	K	L4	83-84	2	2438cc (2.4).....	DOHC (2TZFE)	A	L4	91-95	23
1295cc (1.3).....	(Starlet) (2E)		L4	85-96	1	2438cc (2.4).....	DOHC (2TZFE), Supercharged	A	L4	94-95	23
1332cc (1.3).....	16V DOHC (Starlet) (4EFE)		L4	96-99	1	2438cc (2.4).....	DOHC (2TZFE), Supercharged	K	L4	96-97	23
1452cc (1.5).....	SOHC (1AC)	A	L4	80-80	3	2446cc (2.4).....	(2L), Diesel	L	L4	82-90	20
1452cc (1.5).....	SOHC (3A)	A	L4	84-86	3	2446cc (2.4).....	(2LT), Turbo, Diesel	L	L4	83-90	20
1452cc (1.5).....	SOHC (3AC)	A	L4	81-88	3	2481cc (2.5).....	Forklift (2J), Diesel		L4	69-88	24
1456cc (1.5).....	12V SOHC (3E)	E	L4	87-90	4	2496cc (2.5).....	DOHC (4VZFE)		V6	88-95	26
1456cc (1.5).....	12V SOHC (3EE)	E	L4	90-94	4	2508cc (2.5).....	24V DOHC	V	V6	92-92	13
1497cc (1.5).....	16V DOHC (5EFE)	C	L4	96-99	4	2508cc (2.5).....	24V DOHC (2VZFE)	V	V6	88-91	13
1497cc (1.5).....	16V DOHC (5EFE)	E	L4	92-95	4	2563cc (2.6).....	(4M)		L6	73-73	22
1587cc (1.6).....	SOHC (4AC)	A	L4	83-87	3	2563cc (2.6).....	(4M)	M	L6	74-79	22
1587cc (1.6).....	DOHC (4AF)	A	L4	88-89	5	2563cc (2.6).....	(4ME)	M	L6	79-80	22
1587cc (1.6).....	DOHC (4AFE)	A	L4	88-97	5	2694cc (2.7).....	DOHC (3RZFE)		L4	99-04	23
1587cc (1.6).....	DOHC (4AGE)	A	L4	89-91	5	2694cc (2.7).....	DOHC (3RZFE)	M	L4	96-98	23
1587cc (1.6).....	DOHC (4AGEC)	A	L4	85-87	5	2694cc (2.7).....	DOHC (3RZFE)	U	L4	94-95	23
1587cc (1.6).....	DOHC (4AGELC)	A	L4	85-89	5	2754cc (2.8).....	DOHC (5ME)	M	L6	81-82	27
1587cc (1.6).....	DOHC (4AGZE), Supercharged	A	L4	88-89	5	2754cc (2.8).....	DOHC (5MGE)	M	L6	82-88	27
1587cc (1.6).....	SOHC (4ALC)	A	L4	84-88	3	2771cc (2.8).....	Forklift (5P), Diesel		L4	76-88	24
1588cc (1.6).....	(2TC)		L4	71-73	6	2779cc (2.8).....	(3L), Diesel	L	L4	88-92	20
1588cc (1.6).....	(2TC)	T	L4	74-79	6	2954cc (3.0).....	DOHC (7MGE)	M	L6	86-92	28
1762cc (1.8).....	DOHC (7AFE)	A	L4	93-95	7	2954cc (3.0).....	DOHC (7MGTE), Turbo	M	L6	87-92	28
1762cc (1.8).....	DOHC (7AFE)	B	L4	96-97	7	2955cc (3.0).....	(5L), Diesel		L4	97-00	29
1770cc (1.8).....	(3TC)	T	L4	80-82	6	2959cc (3.0).....	SOHC (3VZE)	V	V6	88-95	26
1794cc (1.8).....	16V DOHC (1ZZFE)	R	L4	98-06	8	2967cc (3.0).....	DOHC (3VZFE)	V	V6	92-93	26
1795cc (1.8).....	16V DOHC (2ZZGE)		L4	00-06	9	2977cc (3.0).....	(11B), Diesel		L4	84-90	31
1839cc (1.8).....	(1CLC), Diesel	C	L4	84-85	10	2977cc (3.0).....	(B), Diesel		L4	72-90	30
1839cc (1.8).....	(1CTLC), Turbo, Diesel	C	L4	84-86	10	2995cc (3.0).....	(1MZFE)		V6	99-06	32
1858cc (1.9).....	(8R)		L4	67-71	11	2995cc (3.0).....	(1MZFE)	F	V6	96-98	32
1858cc (1.9).....	(8RC)		L4	67-71	11	2995cc (3.0).....	(1MZFE)	G	V6	94-95	32
1898cc (1.9).....	(3RB)		L4	67-67	12	2997cc (3.0).....	(2JZGE)	D	L6	96-98	33
1898cc (1.9).....	(3RC)		L4	65-70	12	2997cc (3.0).....	(2JZGE)	J	L6	93-95	33
1968cc (2.0).....	(18RC)		L4	72-73	11	2997cc (3.0).....	(2JZGTE), Turbo	E	L6	96-98	33
1968cc (2.0).....	(18RC)	R	L4	74-74	11	2997cc (3.0).....	(2JZGTE), Turbo	J	L6	93-95	33
1974cc (2.0).....	(2CL), Diesel		L4	86-90	10	3168cc (3.2).....	(2B), Diesel		L4	77-82	34
1974cc (2.0).....	(2CTL), Turbo, Diesel	S	L4	86-86	10	3378cc (3.4).....	DOHC (5VZFE)		V6	99-04	26
1993cc (2.0).....	24V DOHC (1VZFE)		V6	87-95	13	3378cc (3.4).....	DOHC (5VZFE)	N	V6	96-98	26
1994cc (2.0).....	(5R)		L4	67-86	14	3378cc (3.4).....	DOHC (5VZFE)	V	V6	95-95	26
1995cc (2.0).....	SOHC (2SELC)	S	L4	83-86	15	3431cc (3.4).....	(13B), Diesel		L4	84-90	31
1998cc (2.0).....	DOHC (1AZFE)		L4	01-03	17	3431cc (3.4).....	(13BT), Turbo, Diesel		L4	84-90	31
1998cc (2.0).....	DOHC (3SFE)		L4	99-00	16	209 3431cc (3.4)...	(3B), Diesel		L4	80-90	35
1998cc (2.0).....	DOHC (3SFE)	P	L4	96-98	16	3576cc (3.6).....	(H), Diesel		L6	69-80	36
1998cc (2.0).....	DOHC (3SFE)	S	L4	87-91	16	3660cc (3.7).....	(14B), Diesel		L4	88-90	31
1998cc (2.0).....	DOHC (3SGELC)	S	L4	86-89	16	3660cc (3.7).....	(14BT), Turbo, Diesel		L4	89-90	31
1998cc (2.0).....	DOHC (3SGTE), Turbo	S	L4	88-95	16	3878cc (3.9).....	(F)		L6	67-68	37
1998cc (2.0).....	OHV (3YEC)	Y	L4	84-85	18	3878cc (3.9).....	(F)	F	L6	73-73	37
2164cc (2.2).....	DOHC (5SFE)	S	L4	90-93	19	3878cc (3.9).....	(FJ)		L6	74-74	37
2164cc (2.2).....	DOHC (5SFE)		L4	99-01	19	3878cc (3.9).....	(3FE)	F	L6	69-72	37
2164cc (2.2).....	DOHC (5SFE)	G	L4	96-98	19	3956cc (4.0).....	(12H-T), Turbo, Diesel		L6	88-92	38
2164cc (2.2).....	DOHC (5SFE)	S	L4	90-95	19	3980cc (4.0).....	(2H), Diesel		L6	85-91	36
2164cc (2.2).....	DOHC (5SNFE)		L4	00-01	19	3980cc (4.0).....	(1HD-FTE), Turbo, Diesel		L6	80-91	36
2188cc (2.2).....	(L), Diesel	L	L4	78-88	20	4112cc (4.2).....	(1HD-T), Turbo, Diesel		L6	98-01	39
2189cc (2.2).....	(20R)	R	L4	75-80	21	4112cc (4.2).....	(1HD-T), Turbo, Diesel		L6	88-97	39
2237cc (2.2).....	OHV (4YEC)	Y	L4	86-89	18	4112cc (4.2).....	(1HZ), Diesel		L6	88-97	39
2253cc (2.3).....	(2M)		L6	67-72	22	4227cc (4.2).....	(2F)	F	L6	75-87	37
2336cc (2.3).....	Forklift (J), Diesel		L4	65-69	24	4477cc (4.5).....	(1FZFE)	D	L6	93-95	40
2366cc (2.4).....	(22R)	R	L4	81-90	21	4477cc (4.5).....	(1FZFE)	J	L6	96-97	40
2366cc (2.4).....	(22RE)	R	L4	89-95	21	285 4663cc (4.7)...	(2UZFE)	V8	V8	99-06	41
2366cc (2.4).....	(22REC)	R	L4	83-89	21	285 4663cc (4.7)...	(2UZFE)	T	V8	98-98	41

**TOYOTA MODEL INDEX**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
4RUNNER	2754	2.8	DOHC		82	4RUNNER - LIMITED	285	4663	4.7		05-06
	2967	3.0	DOHC		92-93	4RUNNER - SPORT	285	4663	4.7		05-06
	2366	2.4			84-85	4RUNNER - SR5	2366	2.4			85-95
	2694	2.7	DOHC		96-00		2959	3.0	SOHC		88-95
	3378	3.4	DOHC		98-02		3378	3.4	DOHC		96-97
4RUNNER - DLX	285	4663	4.7		03-04		285	4663	4.7		05-06
4RUNNER - LIMITED	2366	2.4			86-89	AVALON	2995	3.0			98-01
	2959	3.0	SOHC		89	AVALON - XL	2995	3.0			95-04
	3378	3.4	DOHC		96-97	AVALON - XLS	2995	3.0			95-04

**TOYOTA MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
CAMRY	1998	2.0		DOHC	88-91	COROLLA - LE	1794	1.8	16V DOHC		06
	2164	2.2		DOHC	98-01	COROLLA - LE LTD	1587	1.6	SOHC		85-86
	2164	2.2		DOHC (5SFE)	93	COROLLA - S	1794	1.8	16V DOHC		06
	2398	2.4			02-06	COROLLA - SPORT					
	2508	2.5		24V DOHC	92	DLX	1587	1.6	SOHC		84-87
CAMRY - CE	2995	3.0			98-05	COROLLA - SPORT					
	2164	2.2		DOHC	97	GTS	1587	1.6	DOHC		85-87
	2995	3.0			97	COROLLA - SPORT					
CAMRY - DLX	1839	1.8			84-86	SR5	1587	1.6	SOHC		84-87
	1974	2.0			86	COROLLA - SR5	1587	1.6	DOHC		88-91
	1995	2.0		SOHC	83-86		1587	1.6	SOHC		83
	1998	2.0		DOHC	87-91		1588	1.6			75-79
	2164	2.2		DOHC	92		1770	1.8			81-82
CAMRY - DLX ALL TRAC	2508	2.5		24V DOHC	88-91	COROLLA - SR5 ALL TRAC	1587	1.6	DOHC		88-91
	1998	2.0		DOHC	88-91	COROLLA - XRS	1795	1.8	16V DOHC		05-06
	2164	2.2		DOHC	93-96	CORONA	1858	1.9			71
	1995	2.0		SOHC	83-86		1898	1.9			67-70
	1998	2.0		DOHC	87-91		1968	2.0			72-74
CAMRY - LE	2164	2.2		DOHC	92-97		2189	2.2			79-80
	2398	2.4			06	CORONA - CUSTOM	2189	2.2			77-78
	2508	2.5		24V DOHC	88-92	CORONA - DLX	2189	2.2			75-78
	2995	3.0			94-06		2366	2.4			81-82
	1998	2.0		DOHC	88-91	CORONA - LUXURY EDITION	2366	2.4			81-82
CAMRY - LE ALL TRAC	2398	2.4			06	CORONA - MARK II	1858	1.9			69-71
	2995	3.0			94-95		1968	2.0			72
CAMRY - SE	2164	2.2		DOHC	92-97		2189	2.2			75-76
	2398	2.4			06	CORONA - SR5	2189	2.2			75-76
CAMRY - XLE	2995	3.0			94-06	CRESSIDA	2563	2.6			78-80
	2164	2.2		DOHC	92-97		2954	3.0	DOHC		89-92
CARINA	1588	1.6			72-73		2754	2.8	DOHC		83-88
	1794	1.8		16V DOHC	00	CRESSIDA - LUXURY	2954	3.0	DOHC		89-92
	1795	1.8		16V DOHC	00		2954	3.0	DOHC		89-92
	1968	2.0			72-74	CROWN	2253	2.3			67-71
	2164	2.2		DOHC	99	HIGHLANDER	2398	2.4			01-06
CELICA	2189	2.2			75-80		2995	3.0			01-03
	1998	2.0		DOHC	88-92	LAND CRUISER	209	3431	3.4		82-83
	1794	1.8		16V DOHC	01-05		3878	3.9			67-74
	1998	2.0		DOHC	87-89		3956	4.0			88-92
	2164	2.2		DOHC	90-98		4227	4.2			75-87
CELICA - ALL TRAC	2366	2.4			81-85		4477	4.5			93-97
	1795	1.8		16V DOHC	01-05		285	4663	4.7		98-06
	2164	2.2		DOHC (5SFE)	90-92	LAND CRUISER - BJ60LG-MK	209	3431	3.4		84-85
	2366	2.4			83-85	LAND CRUISER - BJ60LV-KK	209	3431	3.4		81
	1998	2.0		DOHC	93	MARK II	2253	2.3			72
CELICA - GT	1998	2.0		DOHC	86-89		2563	2.6			73-76
	2164	2.2		DOHC	90-93	MATRIX	1794	1.8	16V DOHC		03-06
CELICA - GTS	1587	1.6		DOHC	90-93	MATRIX - XR	1794	1.8	16V DOHC		03-06
	1762	1.8		DOHC	94-97	MATRIX - XRS	1795	1.8	16V DOHC		03-06
	1998	2.0		DOHC	87-89	MR2	1587	1.6	DOHC		85-89
	2366	2.4			81-85		1998	2.0	DOHC		91-95
	1995	2.0		SOHC	86	MR2 SPYDER	1794	1.8	16V DOHC		00-05
CELICA - GTS ALL TRAC	1077	1.1			68-69	PASEO	1497	1.5	16V DOHC		92-99
	1166	1.2			69-74	PASEO - CONVERTIBLE	1497	1.5	16V DOHC		97
	1587	1.6		DOHC	90-97	PICKUP	1858	1.9			70-71
	1587	1.6		SOHC	83		1898	1.9			67-69
	1588	1.6			71-74		1968	2.0			72-74
CELICA - GTS SPORT	1762	1.8		DOHC	97		2188	2.2			81
	1770	1.8			80-82		2189	2.2			75-80
	1794	1.8		16V DOHC	98-05		2366	2.4			81-95
	1794	1.8		16V DOHC	06		2959	3.0	SOHC		88-93
	1166	1.2			77-79		2188	2.2			82-83
CELICA - ST	1588	1.6			79		2366	2.4			82-95
	1587	1.6		DOHC	88-92		2446	2.4			84-85
	1762	1.8		DOHC	83-87	PICKUP - DLX	2959	3.0	SOHC		88-95
	1770	1.8			75-79		2446	2.4			85
	1839	1.8			81-82		2959	3.0	SOHC		88-95
CELICA - ST SPORT	1839	1.8			84-85		2446	2.4			85
	1995	2.0		SOHC	86	PICKUP - S/B X/C DX	2446	2.4			85
	1077	1.1			68-69	PICKUP - SHT BD DLX	2959	3.0	SOHC		91-92
	1166	1.2			69-74	EXC	2188	2.2			83
	1587	1.6		DOHC	90-97	PICKUP - SR5	2366	2.4			82-90
COROLLA	1587	1.6		SOHC	83		2959	3.0	SOHC		88-95
	1588	1.6			71-74		2438	2.4	DOHC		91-95
	1762	1.8		DOHC	97		2438	2.4	DOHC		96-97
	1770	1.8			80-82		2438	2.4	DOHC		91-97
	1794	1.8		16V DOHC	98-05		1998	2.0	DOHC		96-03
COROLLA - CE	1794	1.8		16V DOHC	06		2398	2.4			04-05
	1166	1.2			77-79						
COROLLA - CUSTOM	1588	1.6			79						
	1587	1.6		DOHC	88-92						
COROLLA - DLX	1587	1.6		DOHC	83-87						
	1588	1.6		SOHC	75-79						
	1770	1.8			81-82						
	1839	1.8			84-85						
	1587	1.6		DOHC	88-92						
COROLLA - DLX ALL TRAC	1587	1.6		DOHC	88-92						
	1587	1.6		DOHC	96						
COROLLA - DX	1762	1.8		DOHC	93-97						
	1587	1.6		SOHC	87-88						
COROLLA - FX	1587	1.6		SOHC	87-88						
	1587	1.6		DOHC	87-88						
COROLLA - FX16	1587	1.6		DOHC	87-88						
	1587	1.6		DOHC	87-88						
COROLLA - FX16 GTS	1587	1.6		DOHC	87-88						
	1587	1.6		DOHC	89-91						
COROLLA - GTS	1587	1.6		DOHC	88-92						
	1587	1.6		SOHC	84-87						
COROLLA - LE	1762	1.8		DOHC	93-95						
	1587	1.6		DOHC	88-92						

**TOYOTA MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
RAV4 - 2-DOOR		1998	2.0	DOHC	96-97	TACOMA	2694	2.7	DOHC		95-04
SEQUOIA	285	4663	4.7		01-04		3378	3.4	DOHC		95-04
SEQUOIA - LIMITED	285	4663	4.7		05-06	TACOMA - REGULAR					
SEQUOIA - SR5	285	4663	4.7		05-06	CAB	2438	2.4	DOHC		95-97
SIENNA		2995	3.0		98-03		2694	2.7	DOHC		95-97
SOLARA		2164	2.2	DOHC	99-01		3378	3.4	DOHC		95-97
		2398	2.4		02-04	TACOMA - SR5	3378	3.4	DOHC		95-97
		2995	3.0		99-03	TERCEL	1452	1.5	SOHC		80-86
SOLARA - SE		2398	2.4		05-06		1456	1.5	12V SOHC		87-94
SOLARA - SE SPORT		2398	2.4		06		1497	1.5	16V DOHC		95-96
SOLARA - SLE		2398	2.4		05-06	TERCEL - CE	1497	1.5	16V DOHC		97-99
STARLET		1290	1.3		81-84	TERCEL - DLX	1452	1.5	SOHC		81-88
SUPRA		2563	2.6		79-80		1456	1.5	12V SOHC		87-94
		2754	2.8	DOHC	82-85	TERCEL - DX	1497	1.5	16V DOHC		95-96
		2954	3.0	DOHC	86-92	TERCEL - EZ	1456	1.5	12V SOHC		88-90
		2997	3.0		93-98	TERCEL - LE	1456	1.5	12V SOHC		91-93
SUPRA - TWIN TURBO		2997	3.0		96-98	TERCEL - SR5	1452	1.5	SOHC		81-88
T100		2694	2.7	DOHC	94-98	TUNDRA	3378	3.4	DOHC		00-04
		2959	3.0	SOHC	93		285	4663	4.7		00-06
		3378	3.4	DOHC	95-98	TUNDRA - LIMITED	285	4663	4.7		05-06
T100 - DLX		3378	3.4	DOHC	95	TUNDRA - SR5	285	4663	4.7		05-06
T100 - DLX EXC		3378	3.4	DOHC	95	VAN - WAGON CRG	1998	2.0	OHV		84-85
T100 - ONE-TON		2959	3.0	SOHC	93		2237	2.2	OHV		86-89
T100 - ONE-TON DLX		3378	3.4	DOHC	95	VAN - WAGON DX	1998	2.0	OHV		84-85
T100 - SR5		2959	3.0	SOHC	93-94		2237	2.2	OHV		86-89
		3378	3.4	DOHC	95-97	VAN - WAGON LE	1998	2.0	OHV		84-85
TACOMA		2438	2.4	DOHC	95-04		2237	2.2	OHV		86-89

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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1 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
999cc (1.0) (Starlet) (1E)		L4	70.5mm x 64mm						
1295cc (1.3) (Starlet) (2E)		L4	73mm x 77.4mm						
1332cc (1.3) 16V DOHC (Starlet) (4EFE)		L4	77mm x 77.4mm						

4B8390 Std. .25 .50 .75 1.0	<b>Rod</b>	39.985/1.5742 40.000/1.5748	43.001/1.6929 43.021/1.6937	1.491/0.0587	.019/.0007 .080/.0031	15.10/0.594	F780	8	8390 IH
	<b>Main</b>	46.985/1.8498 47.000/1.8504	51.022/2.0087 51.036/2.0093	2.000/0.0787	.022/.0009 .077/.0030	16.00/0.630	F780	10	8392 U/L
2T8392 Std.	<b>Thrust</b>	52.750/2.0768 53.000/2.0866	64.250/2.5295 64.500/2.5394			2.49/0.098	F817	4	8392T U/L

Note: Set includes four pieces, use on No. 3 position. Required with 5M8392 main set.

2 ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
1077cc (1.1) (KC)		L4	75mm x 61mm	Connecting Rod 29-38 ft.lbs/39-52 Nm (74-84 engines)					
1166cc (1.2) (3KC)		L4	75mm x 66mm	Connecting Rod 34 ft.lbs/47 Nm (68-73 engines)					
1166cc (1.2) (3KC)	K	L4	75mm x 66mm	Main Bearing 39-48 ft.lbs/53-65 Nm (74-84 engines)					
1290cc (1.3) (4KC)	K	L4	75mm x 73mm	Main Bearing 44 ft.lbs/59 Nm (68-73 engines)					
1290cc (1.3) (4KE)	K	L4	75mm x 73mm						

4B1101 Std. .25 .50 .75 1.0	<b>Rod - for all engines (suits 4KE engines to 1984 as well).</b>	41.976/1.6526 42.000/1.6535	44.999/1.7716 45.024/1.7726	1.496/0.0589	.008/.0003 .081/.0032	18.90/0.744	F780	8	1101 IH
	<b>Main - for all engines up to 7/82 - full groove.</b>	49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/0.0786	.008/.0003 .076/.0030	20.90/0.823	F820	10	1102AL IH

Non stock item. Check for availability.

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 2**
**Main - for engines 7/83-84 - half groove.**

1-5	49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/0.0786	.008/.0003 .076/.0030	20.90/0.823	F820	5	1102AL U	<b>5M1103</b> Std. .25 .50
1-5	46.976/1.8494 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/0.0786	.008/.0003 .076/.0030	20.90/0.823	F820	5	1103AL L	

*Non stock item. Check for availability.*
**Thrust**

3	55.560/2.1874 55.820/2.1976	67.560/2.6598 67.820/2.6701			2.49/0.098	F250	4	8062T IH	<b>2T8062</b> Std.
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*Note: Set includes four pieces, use on No. 3 position. Required with 5M1102/5M1103 main set.*
**Cam**

1	43.209/1.7011 43.225/1.7018	48.000/1.8898 48.025/1.8907	2.385/0.0939	.020/.0008 .071/.0028	17.90/0.705	F23	1	8066	<b>4C8066</b> Std.
2	42.959/1.6913 42.975/1.6919	47.500/1.8701 47.525/1.8711	2.260/0.0890	.020/.0008 .071/.0028	17.90/0.705	F23	1	8067	
3	42.709/1.6815 42.725/1.6821	47.000/1.8504 47.025/1.8514	2.133/0.0840	.020/.0008 .071/.0028	17.90/0.705	F23	1	8068	
4	42.459/1.6716 42.475/1.6722	46.500/1.8307 46.525/1.8317	2.006/0.0790	.020/.0008 .071/.0028	17.90/0.705	F23	1	8069	

**Small End - not bored, single pieces.**

	17.986/0.7081 17.998/0.7086	20.000/0.7874 20.020/0.7882			24.89/0.980	F100	1	RB4037	<b>RB4037</b> Semi
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**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>1452cc (1.5) SOHC (1AC)</b>	<b>A</b>	<b>L4</b>	<b>78mm x 77mm</b>	<b>Connecting Rod 26-32 ft.lbs/36-44 Nm (3AC, 4AC, 4ALC engines only)</b> <b>Connecting Rod 36 ft.lbs/49 Nm (1AC engine only)</b> <b>Main Bearing 44 ft.lbs/59 Nm</b>
<b>1452cc (1.5) SOHC (3A)</b>	<b>A</b>	<b>L4</b>	<b>78mm x 77mm</b>	
<b>1452cc (1.5) SOHC (3AC)</b>	<b>A</b>	<b>L4</b>	<b>78mm x 77mm</b>	
<b>1587cc (1.6) SOHC (4AC)</b>	<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>	
<b>1587cc (1.6) SOHC (4ALC)</b>	<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>	

**Rod - for 1AC,3AC and 4AC engines 1980-10/83 only, with 3.95mm wide notch bearings only.**

	39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.498/0.0590	.004/.0002 .069/.0027	17.10/0.673	F780	8	1690 IH	<b>4B1690</b> Std. .25 .50 .75
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**Rod - for 3AC and 4AC engines 11/83-88, and all 4ALC engines, with 2.95mm narrow notch bearings only.**

	39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.498/0.0590	.005/.0002 .069/.0027	17.09/0.673	F810	8	1710A IH	<b>4B1710</b> Std. .25 .50 .75 1.0
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**Main - for all engines 10/83-88 - Half groove.**

1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1695A L	<b>5M1695</b> Std. .25 .50 .75 1.0
1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1704A U	

**Main - for all engines from 1980-9/83 - Full groove.**

1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .083/.0033	19.90/0.783	F810	10	1704A IH	<b>5M1704</b> Std. .25 .50 .75
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**Thrust**

3	53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984			2.49/0.098	F861	4	1695T U/L	<b>2T1695</b> Std.
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*Note: Set includes four pieces, use on No. 3 position. Required with 5M1704 & 5M1695 main sets.*
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**

<b>1456cc (1.5) 12V SOHC (3E)</b>	<b>E</b>	<b>L4</b>	<b>73mm x 87mm</b>	<b>Connecting Rod 29 ft.lbs/39 Nm</b> <b>Main Bearing 42 ft.lbs/57 Nm</b>
<b>1456cc (1.5) 12V SOHC (3EE)</b>	<b>E</b>	<b>L4</b>	<b>73mm x 87mm</b>	
<b>1497cc (1.5) 16V DOHC (5EFE)</b>	<b>C</b>	<b>L4</b>	<b>74mm x 87mm</b>	
<b>1497cc (1.5) 16V DOHC (5EFE)</b>	<b>E</b>	<b>L4</b>	<b>74mm x 87mm</b>	

**Rod**

	43.000/1.6929 43.015/1.6935	46.000/1.8110 46.020/1.8118	1.492/0.0587	.005/.0002 .051/.0020	15.10/0.595	F780	8	8380 IH	<b>4B8380</b> Std. .25 .50 .75 1.0
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# TOYOTA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>4 (Cont'd.)</b>									
<b>5M8382</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	49.985/1.9679 50.000/1.9685	54.021/2.1268 54.041/2.1276	2.000/0.0787	.021/.0008 .082/.0032	16.00/0.630	F780	10	8382 U/L
<b>2T8382</b> Std.	<b>Thrust</b>								
		55.560/2.1874 55.820/2.1976	67.560/2.6598 67.820/2.6701			2.49/0.098	F817	4	8382T U/L
<i>Set includes four pieces, use on No. 3 position. Required with 5M8382 main set.</i>									
<b>5 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1587cc (1.6) DOHC (4AF)</b>		<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>	<b>Connecting Rod 21 ft.lbs + 90 deg</b> (4AFE 1993-98 engines only)				
<b>1587cc (1.6) DOHC (4AFE)</b>		<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>	<b>Connecting Rod 29 ft.lbs + 90 deg</b> (for 4AGE, 4AGELC, 4AFE (88-92) engines only)				
<b>1587cc (1.6) DOHC (4AGE)</b>		<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>	<b>Connecting Rod 36 ft.lbs/49 Nm</b> (for 4AF, 4AGEC, 4AGZE engines only)				
<b>1587cc (1.6) DOHC (4AGEC)</b>		<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>	<b>Main Bearing 44 ft.lbs/59 Nm</b>				
<b>1587cc (1.6) DOHC (4AGELC)</b>		<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>					
<b>1587cc (1.6) DOHC (4AGZE)</b>		<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>					
<b>Supercharged</b>		<b>A</b>	<b>L4</b>	<b>81mm x 77mm</b>					
<b>4B1710</b> Std. .25 .50 .75 1.0	<b>Rod - for all 4AF/4AFE engines, and 4AGEC/4AGELC engines from 1985-7/87.</b>								
		39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.498/0.0590	.005/.0002 .069/.0027	17.09/0.673	F810	8	1710A IH
<b>4B1780</b> Std. .25 .50 .75 1.0	<b>Rod - for 4AGEC/4AGELC engines from 7/87-91, and all 4AGE/4AGZE engines.</b>								
		41.986/1.6530 42.000/1.6535	45.001/1.7717 45.024/1.7726	1.490/0.0587	.020/.0008 .084/.0033	17.09/0.673	F780	8	1780 IH
<b>5M1695</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1695A L
	1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/.0005 .084/.0033	19.90/0.783	F810	5	1704A U
	<b>Thrust</b>								
<b>2T1695</b> Std.	3	53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984			2.49/0.098	F861	4	1695T U/L
	<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M1695 main set.</i>								
<b>6 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>1588cc (1.6) (2TC)</b>			<b>L4</b>	<b>85mm x 70mm</b>	<b>Connecting Rod 29-36 ft.lbs/39-49 Nm</b>				
<b>1588cc (1.6) (2TC)</b>		<b>T</b>	<b>L4</b>	<b>85mm x 70mm</b>	<b>Main Bearing 52-63 ft.lbs/71-85 Nm</b>				
<b>1770cc (1.8) (3TC)</b>		<b>T</b>	<b>L4</b>	<b>85mm x 78mm</b>					
<b>4B1686</b> Std. 10 20 30 40	<b>Rod</b>								
		47.976/1.8888 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.488/0.0586	.024/.0009 .098/.0039	19.84/0.781	F780	8	1686 IH
<b>5M1689</b> Std. .25 .50 .75 1.0	<b>Main</b>								
	1-5	57.976/2.2825 58.000/2.2835	62.000/2.4409 62.024/2.4419	1.991/0.0784	.018/.0007 .092/.0036	20.82/0.820	F780	10	1689 IH
<b>2T1689</b> Std.	<b>Thrust</b>								
	3	63.800/2.5118 64.060/2.5220	75.740/2.9819 76.000/2.9921			2.49/0.098	F250	4	1689T U/L
<i>Note : Set includes 4 pieces. Required with 5M1689 main set.</i>									
<b>5C8186</b> Std.	<b>Cam</b>								
	1	46.459/1.8291 46.482/1.8300	50.000/1.9685 50.020/1.9693	1.753/0.0690		18.00/0.709	F23	1	8186
	2	46.210/1.8193 46.225/1.8199	49.760/1.9591 49.780/1.9598	1.745/0.0687		16.00/0.630	F23	1	8046
	3	45.960/1.8094 45.975/1.8100	49.010/1.9295 49.030/1.9303	1.495/0.0588		18.00/0.709	F23	1	8047
	4	45.709/1.7996 45.725/1.8002	49.251/1.9390 49.271/1.9398	1.753/0.0690		16.00/0.630	F23	1	8189
5	45.460/1.7898 45.475/1.7904	49.510/1.9492 49.530/1.9500	1.995/0.0687		18.00/0.709	F23	1	8049	



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>									<b>7</b>
<b>1762cc (1.8) DOHC (7AFE)</b>			<b>VIN A</b>	<b>CYL L4</b>	<b>Bore x Stroke 81mm x 85.5mm</b>	<b>TORQUE SETTINGS</b>			
<b>1762cc (1.8) DOHC (7AFE)</b>			<b>B</b>	<b>L4</b>	<b>81mm x 85.5mm</b>	<b>Connecting Rod 18 ft.lbs + 90 deg</b>			
						<b>Main Bearing 44 ft.lbs</b>			
<b>Rod</b>									
	47.988/1.8893 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.490/0.0587	.020/0.008 .082/0.0032	17.10/0.673	F780	8	1680 IH	<b>4B1680</b> Std. .25 .50 .75 1.0
<b>Main - Half groove</b>									
1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/0.005 .084/0.0033	19.90/0.783	F810	5	1695A L	<b>5M1695</b> Std. .25 .50 .75 1.0
1-5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/0.0789	.012/0.005 .084/0.0033	19.90/0.783	F810	5	1704A U	
<b>Thrust</b>									
3	53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984			2.49/0.098	F861	4	1695T U/L	<b>2T1695</b> Std.
<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M1695 main sets.</i>									
<b>ENGINE</b>									<b>8</b>
<b>1794cc (1.8) 16V DOHC (1ZZFE)</b>			<b>VIN R</b>	<b>CYL L4</b>	<b>Bore x Stroke 79mm x 91.5mm</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 15 ft.lbs + 90 deg</b>			
						<b>Main Bearing +45 deg, +45 deg</b> Step 3 (12 point bolt)			
						<b>Main Bearing 14 ft.lbs</b> 6 point bolt			
						<b>Main Bearing 16 ft.lbs</b> Step 1 (12 point bolt)			
						<b>Main Bearing 32 ft.lbs</b> Step 2 (12 point bolt)			
<b>Rod - High Strength Aluminum Silicon material.</b>									
	43.993/1.7320 44.000/1.7323	47.000/1.8504 47.023/1.8513	1.496/0.0589	.020/0.008 .043/0.0017	15.70/0.618	F810	8	1851	<b>4B1851</b> Std. .25 .50 .75
<b>Main - High Strength Aluminum Silicon material.</b>									
1-5	47.986/1.8892 48.001/1.8898	52.000/2.0472 52.017/2.0479	2.007/0.0790	.015/0.006 .033/0.0013	17.00/0.669	F810	10	1853 U/L	<b>5M1853</b> Std. .25 .50 .75
<b>Thrust</b>									
	53.600/2.1102 53.850/2.1201 (I.D.)	69.550/2.7382 69.800/2.7480 (O.D.)			2.48/0.098	F817	2	1853T IH	<b>1T1853</b> Std.
<i>Set includes two pieces. Required with 5M1853 main set.</i>									
<b>ENGINE</b>									<b>9</b>
<b>1795cc (1.8) 16V DOHC (2ZZGE)</b>			<b>VIN</b>	<b>CYL L4</b>	<b>Bore x Stroke 82mm x 85mm</b>	<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 22 ft.lbs + 90 deg</b>			
						<b>Main Bearing +45 deg, +45 deg</b> Step 3			
						<b>Main Bearing 16 ft.lbs</b> Step 1			
						<b>Main Bearing 32 ft.lbs</b> Step 2			
<b>Rod - High Strength Aluminum Silicon material.</b>									
	44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.492/0.0587	.028/0.011 .052/0.0020	16.00/0.630	F810	8	1856A IH	<b>4B1856</b> Std. .25 .50 .75 1.0
<b>Main - High Strength Aluminum Silicon material.</b>									
1-5	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/0.0786	.008/0.003 .052/0.0020	17.00/0.669	F810	10	1857A U/L	<b>5M1857</b> Std. .25 .50 .75 1.0
<b>Thrust</b>									
	53.600/2.1102 53.850/2.1201 (I.D.)	69.550/2.7382 69.800/2.7480 (O.D.)			2.48/0.098	F817	2	1853T IH	<b>1T1853</b> Std.
<i>Set includes two pieces. Required with 5M1857 main set.</i>									
<b>ENGINE</b>									<b>10</b>
<b>1839cc (1.8) (1CLC) Diesel</b>			<b>VIN C</b>	<b>CYL L4</b>	<b>Bore x Stroke 83mm x 85mm</b>	<b>TORQUE SETTINGS</b>			
<b>1839cc (1.8) (1CTL) Turbo Diesel</b>			<b>C</b>	<b>L4</b>	<b>83mm x 85mm</b>	<b>Connecting Rod 43-51 ft.lbs/58-69 Nm</b>			
<b>1974cc (2.0) (2CL) Diesel</b>				<b>L4</b>	<b>86mm x 85mm</b>	<b>Main Bearing 71-81 ft.lbs/97-110 Nm</b>			
<b>1974cc (2.0) (2CTL) Turbo Diesel</b>			<b>S</b>	<b>L4</b>	<b>86mm x 85mm</b>				
<b>Rod - for engines to 8/85 with 0.933" wide bearings.</b>									
	50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/0.0583	.040/0.016 .106/0.0042	23.70/0.933	F780	8	8370 IH	<b>4B8370</b> Std. .25 .50 .75 1.0

# TOYOTA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>10 (Cont'd.)</b>									
<b>4B8371</b> Std. .25 .50 .75 1.0	<b>Rod - for engines from 9/85 on with 0.744" wide bearings.</b>								
		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/0.0583	.040/.0016 .106/.0042	18.90/0.744	F780	8	8371 IH
<b>5M8372</b> Std. .25 .50 .75 1.0	<b>Main - for engines to 8/85 with 0.866" wide bearings.</b>								
	1-5	56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/0.0783	.024/.0009 .089/.0035	22.00/0.866	F780	10	8372 U/L
<b>5M8373</b> Std. .25 .50	<b>Main - for engines from 9/85 on with 0.787" wide bearings.</b>								
	1-5	56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/0.0783	.024/.0009 .089/.0035	20.00/0.787	F780	10	8373 U/L
<b>2T8372</b> Std.	<b>Thrust</b>								
	3	63.000/2.4803 63.250/2.4902	76.550/3.0138 76.800/3.0236			2.73/0.107	F817	4	8372T U/L
<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M8372/5M8373 main sets.</i>									
<b>RB4097</b> Semi	<b>Small End - single pieces, not bored. For engines 9/85 on.</b>								
		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.030/1.1823			28.00/1.102 (Tapered)	F100	1	RB4097

<b>11 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1858cc (1.9) (8R)		L4	86mm x 80mm	Connecting Rod 39-48 ft.lbs/53-65 Nm Main Bearing 69-83 ft.lbs/93-112 Nm
1858cc (1.9) (8RC)		L4	86mm x 80mm	
1968cc (2.0) (18RC)		L4	88.5mm x 80mm	
1968cc (2.0) (18RC)	R	L4	88.5mm x 80mm	

<b>4B1701</b> Std. 10 20 30 40 60	<b>Rod</b>								
		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/0.0588	.012/.0005 .083/.0033	22.00/0.866	F780	8	1701 IH
<b>5M1697</b> Std. 10 20 30 40	<b>Main - for engines with flanged bearings only.</b>								
	1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/0.0787	.001 .074/.0029	21.97/0.865	F780	8	1697 IH
	3 (FI)	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/0.0787	.001 .074/.0029	35.98/1.417	F780	2	1698 IH
<b>4C8076</b> Std.	<b>Cam</b>								
	1	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	20.13/0.793	F23	1	8076 U
	1 (FI)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	28.07/1.105	F23	1	8077 L
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	20.13/0.793	F23	6	8076 IH
<b>2BS8286</b> Std.	<b>Balance Shaft</b>								
	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	2.000/0.0787		24.70/0.972	F23	1	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	2.000/0.0787		19.91/0.784	F23	1	8287
<b>RB4028</b> Semi	<b>Small End - single pieces.</b>								
		21.987/0.8656 22.000/0.8661	24.000/0.9449 24.021/0.9457			28.70/1.130	F100	1	RB4028
<i>Bush has bore allowance on the ID.</i>									
<b>RB4028R</b> Ream	<b>Small End - single pieces.</b>								
		21.987/0.8656 22.000/0.8661	24.000/0.9449 24.021/0.9457			28.70/1.130	F100	1	RB4028R
<i>Bush has ream allowance on the ID.</i>									

<b>12 ENGINE</b>	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1898cc (1.9) (3RB)		L4	88mm x 78mm	Connecting Rod 43-51 ft.lbs/58-69 Nm Main Bearing 75-80 ft.lbs/102-108 Nm
1898cc (1.9) (3RC)		L4	88mm x 78mm	

<b>4B2986</b> Std. 10 20 30 40	<b>Rod</b>								
		54.985/2.1648 55.000/2.1654	58.025/2.2844 58.045/2.2852	1.499/0.0590	.027/.0011 .089/.0035	30.98/1.220	F780	8	2986 U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 12**
**Main**

1	59.985/2.3616	65.010/2.5594	2.489/0.0980	.032/.0013 .103/.0041	27.99/1.102	F780	2	2987 U/L	<b>3M2987</b> Std. 10 20 30 40
	60.000/2.3622	65.040/2.5606							
2	59.985/2.3616	65.010/2.5594	2.489/0.0980	.032/.0013 .103/.0041	35.99/1.417	F780	2	2988 U/L	
	60.000/2.3622	65.040/2.5606							
3	59.985/2.3616	65.010/2.5594	2.489/0.0980	.032/.0013 .103/.0041	40.00/1.575	F780	2	2989 U/L	
	60.000/2.3622	65.040/2.5606							

**Thrust**

	65.860/2.5929	79.500/3.1299			2.97/0.117	F1	4	7962T U/L	<b>2T7962</b> Std.
	66.120/2.6031	79.760/3.1402							

Note: Set includes four pieces, use on No. 3 position. Required with 3M2987 main set.

**Cam**

1	46.460/1.8291	50.000/1.9685	1.740/0.0685	.045/.0018 .135/.0053	29.21/1.150	F23	1	7966	<b>5C7969</b> Std.
	46.475/1.8297	50.025/1.9695							
2	46.210/1.8193	50.000/1.9685	1.867/0.0735	.041/.0016 .132/.0052	20.19/0.795	F23	1	7967	
	46.225/1.8199	50.025/1.9695							
3	45.960/1.8094	50.000/1.9685	1.994/0.0785	.037/.0015 .127/.0050	46.28/1.822	F23	1	7968	
	45.975/1.8100	50.025/1.9695							
4	45.710/1.7996	50.000/1.9685	2.121/0.0835	.038/.0015 .123/.0048	19.30/0.760	F23	1	7969	
	45.725/1.8002	50.025/1.9695							
5	45.460/1.7898	50.000/1.9685	2.248/0.0885	.030/.0012 .119/.0047	28.19/1.110	F23	1	7960	
	45.475/1.7904	50.025/1.9695							

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

<b>1993cc (2.0) 24V DOHC (1VZFE)</b>	V	V6	<b>78mm x 69.5mm</b>	<b>Connecting Rod 18ft.lbs + 90 deg turn</b>
<b>2508cc (2.5) 24V DOHC</b>	V	V6	<b>87.5mm x 69.5mm</b>	<b>Main Bearing 45ft.lbs + 90 deg turn</b>
<b>2508cc (2.5) 24V DOHC (2VZFE)</b>	V	V6	<b>87.5mm x 69.5mm</b>	

**13**
**Rod**

	47.986/1.8892	51.000/2.0079	1.488/0.0586	.024/.0009 .089/.0035	17.00/0.669	F780	12	8040 IH	<b>6B8040</b> Std. .25 .50
	48.000/1.8898	51.024/2.0088							

**Main - High Strength Aluminum Silicon material.**

2,3,4	63.985/2.5191	68.010/2.6776	1.990/0.0783	.030/.0012 .089/.0035	20.00/0.787	F810	6	8063A U/L	<b>4M8063A</b> Std. .25 .50 .75 1.0
	64.000/2.5197	68.028/2.6783							
1	63.985/2.5191	68.010/2.6776	1.990/0.0783	.030/.0012 .089/.0035	22.00/0.866	F810	2	8064A U/L	
	64.000/2.5197	68.028/2.6783							

Supercedes 4M8063.

**Thrust**

2	71.250/2.8051	86.250/3.3957			2.49/0.098	F817	4	8063T U/L	<b>2T8063</b> Std. +.25
	71.500/2.8150	86.500/3.4055							

Set includes four pieces, use on No. 2 position. Required with 4M8063 main set.

**ENGINE**
**VIN**
**CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

<b>1994cc (2.0) (5R)</b>		L4	<b>88mm x 82.0mm</b>	<b>Connecting Rod 43-51 ft.lbs/58-69 Nm</b>
				<b>Main Bearing 76-80 ft.lbs/103-108 Nm</b>

**14**
**Rod**

	54.985/2.1648	58.025/2.2844	1.499/0.0590	.027/.0011 .089/.0035	26.03/1.025	F780	8	2980 IH	<b>4B2980</b> Std. .25 .50 .75 1.0
	55.000/2.1654	58.045/2.2852							

**Main - for engines 1969-78 with flanged bearings (from Engine Number 1200001).**

1	59.970/2.3610	64.000/2.5197	1.986/0.0782	.028/.0011 .114/.0045	27.81/1.095	F780	2	2977 IH	<b>3M2977</b> Std. 10 20 30 40 50 60
	60.000/2.3622	64.030/2.5209							
2 (FL)	59.970/2.3610	64.000/2.5197	1.986/0.0782	.028/.0011 .114/.0045	41.94/1.651	F780	2	2978 U/L	
	60.000/2.3622	64.030/2.5209							
3	59.970/2.3610	64.000/2.5197	1.986/0.0782	.028/.0011 .114/.0045	36.00/1.417	F780	2	2979 U/L	
	60.000/2.3622	64.030/2.5209							

# TOYOTA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>14 (Cont'd.)</b>									
<b>3M2984</b> Std. .25 .50 .75 1.0	<b>Main - for engines from 1978-86 with thrustwashers.</b>								
	1	59.985/2.3616 60.000/2.3622	64.000/2.5197 64.030/2.5209	1.990/0.0783	.020/.0008 .081/.0032	27.80/1.095	F820	2	2984AL IH
	2,3	59.985/2.3616 60.000/2.3622	64.000/2.5197 64.030/2.5209	1.990/0.0783	.020/.0008 .081/.0032	35.50/1.398	F820	4	2985AL IH
	<b>Main - for engines 1967-68 with thrustwashers (up to Engine Number 1200000).</b>								
<b>3M2987</b> Std. 10 20 30 40	1	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/0.0980	.032/.0013 .103/.0041	27.99/1.102	F780	2	2987 U/L
	2	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/0.0980	.032/.0013 .103/.0041	35.99/1.417	F780	2	2988 U/L
	3	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/0.0980	.032/.0013 .103/.0041	40.00/1.575	F780	2	2989 U/L
	<b>Thrust</b>								
<b>2T1703</b> Std.		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496			1.99/0.078	F817	4	1703T U/L
	<i>Note: Set includes four pieces, use on No. 2 position. Required with 3M2984 main set.</i>								
<b>2T7962</b> Std.		65.860/2.5929 66.120/2.6031	79.500/3.1299 79.760/3.1402			2.97/0.117	F1	4	7962T U/L
	<i>Note: Set includes four pieces, use on No. 3 position. Required with 3M2987 main set.</i>								
<b>5C7969</b> Std.	<b>Cam - for engines 1969-86.</b>								
	1	46.460/1.8291 46.475/1.8297	50.000/1.9685 50.025/1.9695	1.740/0.0685	.045/.0018 .135/.0053	29.21/1.150	F23	1	7966
	2	46.210/1.8193 46.225/1.8199	50.000/1.9685 50.025/1.9695	1.867/0.0735	.041/.0016 .132/.0052	20.19/0.795	F23	1	7967
	3	45.960/1.8094 45.975/1.8100	50.000/1.9685 50.025/1.9695	1.994/0.0785	.037/.0015 .127/.0050	46.28/1.822	F23	1	7968
	4	45.710/1.7996 45.725/1.8002	50.000/1.9685 50.025/1.9695	2.121/0.0835	.038/.0015 .123/.0048	19.30/0.760	F23	1	7969
	5	45.460/1.7898 45.475/1.7904	50.000/1.9685 50.025/1.9695	2.248/0.0885	.030/.0012 .119/.0047	28.19/1.110	F23	1	7960
	<b>Small End - not bored, single pieces.</b>								
<b>RB4040</b> Semi		21.997/0.8660 22.009/0.8665	24.000/0.9449 24.021/0.9457			30.98/1.220	F100	1	RB4040
	<b>15 ENGINE</b>								
1995cc (2.0) SOHC (2SELC)		VIN	CYL	Bore x Stroke	TORQUE SETTINGS				
		S	L4	84mm x 90mm	Connecting Rod 33-38 ft.lbs/45-52 Nm Main Bearing 40-47 ft.lbs/54-64 Nm				
<b>4B8360</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		47.985/1.8892 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.488/0.0586	.024/.0009 .089/.0035	20.50/0.807	F780	8	8360 IH
<b>5M8361</b> Std. .25 .50 .75	<b>Main</b>								
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/0.0787	.020/.0008 .079/.0031	19.20/0.756	F810	8	8361A U/L
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/0.0785	.030/.0012 .089/.0035	23.00/0.906	F810	2	8362A U/L
<b>2T1689</b> Std.	<b>Thrust</b>								
	3	63.800/2.5118 64.060/2.5220	75.740/2.9819 76.000/2.9921			2.49/0.098	F250	4	1689T U/L
<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M8361 main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>									<b>16</b>	
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1998cc (2.0) DOHC (3SFE)			L4	86mm x 86mm	Connecting Rod 18ft.lbs + 90deg/25Nm + 90deg (3SGTE & 1996-99 3SFE engines)					
1998cc (2.0) DOHC (3SFE)			P	86mm x 86mm	Connecting Rod 36 ft.lbs/49 Nm (1986-90 engines)					
1998cc (2.0) DOHC (3SFE)			S	86mm x 86mm	Connecting Rod 49 ft.lbs/66 Nm (1991 3SFE engines)					
1998cc (2.0) DOHC (3SGELC)			S	86mm x 86mm	Main Bearing 43 ft.lbs/58 Nm					
1998cc (2.0) DOHC (3SGTE) Turbo			S	L4	86mm x 86mm					
<b>Rod - for 3SFE engines from 1986-91 only.</b>										
	47.985/1.8892 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.488/0.0586	.024/.0009 .089/.0035	20.50/0.807	F780	8	8360 IH	<b>4B8360</b> Std. .25 .50 .75 1.0	
<b>Rod - for 3SFE engines from 1996-00 only.</b>										
	51.985/2.0466 52.000/2.0472	55.000/2.1654 55.024/2.1663	1.488/0.0586	.024/.0009 .089/.0035	20.50/0.807	F810	8	8365A IH	<b>4B8365</b> Std. .25 .50 .75 1.0	
<b>Rod - for 3SGELC/3SGTE engines only.</b>										
	47.985/1.8892 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.488/0.0586	.028/.0011 .079/.0031	21.30/0.839	F780	8	8366 IH	<b>4B8366</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/0.0787	.020/.0008 .079/.0031	19.20/0.756	F810	8	8361A U/L	<b>5M8361</b> Std. .25 .50 .75	
3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/0.0785	.030/.0012 .089/.0035	23.00/0.906	F810	2	8362A U/L		
<b>Thrust</b>										
3	63.800/2.5118 64.060/2.5220	75.740/2.9819 76.000/2.9921			2.49/0.098	F250	4	1689T U/L	<b>2T1689</b> Std.	
<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M8361 main set.</i>										
<b>Small End - not bored, single pieces.</b>										
	21.977/0.8652 22.009/0.8665	23.980/0.9441 24.000/0.9449			26.40/1.039	F100	1	RB4087	<b>RB4087</b> Semi	
<b>ENGINE</b>									<b>17</b>	
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1998cc (2.0) DOHC (1AZFE)			L4	86mm x 86mm	Connecting Rod 18 ft.lbs + 90 deg Main Bearing 15 ft.lbs Step 1 Main Bearing 30 ft.lbs + 90 deg Step 2					
<b>Rod</b>										
	47.990/1.8894 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.490/0.0587	.024/.0009 .048/.0019	15.60/0.614	F810	8	8411A IH	<b>4B8411A</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1-5	54.988/2.1649 55.000/2.1654	59.000/2.3228 59.016/2.3235	1.996/0.0786	.008/.0003 .052/.0020	17.00/0.669	F810	10	8412A U/L	<b>5M8412A</b> Std. .25 .50 .75 1.0	
<b>Thrust</b>										
	60.500/2.3819 60.750/2.3917	77.750/3.0610 78.000/3.0709			1.98/0.078	F817	2	8412T U	<b>1T8412</b> Std.	
<i>Note: Set includes four pieces. Required with 5M8412A main set.</i>										
<b>Cam</b>										
	35.971/1.4162 35.985/1.4167	40.000/1.5748 40.025/1.5758	2.004/0.0789	.007/.0003 .038/.0015	22.60/0.890	F810	1	8415A U	<b>1C8415A</b> Std.	
(F)	35.971/1.4162 35.985/1.4167	40.000/1.5748 40.025/1.5758	2.004/0.0789	.007/.0003 .038/.0015	23.60/0.929	F810	1	8417A L		
<b>ENGINE</b>									<b>18</b>	
<b>VIN</b>			<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
1998cc (2.0) OHV (3YEC) 2237cc (2.2) OHV (4YEC)			L4 L4	86mm x 86mm 91mm x 86mm	Connecting Rod 36 ft.lbs/49 Nm Main Bearing 58 ft.lbs/79 Nm					
<b>Rod</b>										
	47.985/1.8892 48.000/1.8898	51.020/2.0087 (Nominal)	1.492/0.0587	.016/.0006 .076/.0030	19.90/0.783	F810	8	8281A IH	<b>4B8281</b> Std. .25 .50 .75 1.0	
<b>Main</b>										
1-5	57.985/2.2829 58.000/2.2835	62.004/2.4411 62.020/2.4417	1.990/0.0783	.020/.0008 .085/.0033	20.82/0.820	F810	10	8282A U/L	<b>5M8282</b> Std. .25 .50 .75 1.0	

# TOYOTA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 18 (Cont'd.)

Thrust									
2T1689 Std.	3	63.800/2.5118	75.740/2.9819			2.49/0.098	F250	4	1689T
		64.060/2.5220	76.000/2.9921						U/L
<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M8282 main set.</i>									
Cam									
5C8045 Std.	1	46.475/1.8297	50.000/1.9685	1.750/0.0689		18.00/0.709	F23	1	8045
		46.475/1.8297	50.030/1.9697						
	2	46.225/1.8199	49.750/1.9587	1.750/0.0689		16.00/0.630	F23	1	8046
		46.225/1.8199	49.780/1.9598						
	3	45.975/1.8100	49.000/1.9291	1.500/0.0591		18.00/0.709	F23	1	8047
		45.975/1.8100	49.030/1.9303						
	4	45.725/1.8002	49.250/1.9390	1.750/0.0689		16.00/0.630	F23	1	8048
		45.725/1.8002	49.280/1.9402						
	5	45.475/1.7904	49.500/1.9488	2.000/0.0787		18.00/0.709	F23	1	8049
		45.475/1.7904	49.530/1.9500						

## 19 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
2164cc (2.2) DOHC (5SFE)	S	L4	87mm x 91mm	Connecting Rod 18ft.lbs/25Nm + 90deg Main Bearing 43 ft.lbs/58 Nm					
2164cc (2.2) DOHC (5SFE)	S	L4	87mm x 91mm						
2164cc (2.2) DOHC (5SFE)	G	L4	87mm x 91mm						
2164cc (2.2) DOHC (5SFE)	S	L4	87mm x 91mm						
2164cc (2.2) DOHC (5SNFE)	L4	87mm x 91mm							

Rod									
4B8365 Std. .25 .50 .75 1.0		51.985/2.0466	55.000/2.1654	1.488/0.0586	.024/.0009	20.50/0.807	F810	8	8365A
		52.000/2.0472	55.024/2.1663		.089/.0035				IH
Main									
5M8361 Std. .25 .50 .75	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/0.0787	.020/.0008	19.20/0.756	F810	8	8361A
		55.000/2.1654	59.038/2.3243		.079/.0031				U/L
2T1689 Std.	3	54.985/2.1648	59.020/2.3236	1.995/0.0785	.030/.0012	23.00/0.906	F810	2	8362A
		55.000/2.1654	59.038/2.3243		.089/.0035				U/L
Thrust									
2T1689 Std.	3	63.800/2.5118	75.740/2.9819			2.49/0.098	F250	4	1689T
		64.060/2.5220	76.000/2.9921						U/L
<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M8361 main set.</i>									
Small End - not bored, single pieces.									
RB4087 Semi		21.977/0.8652	23.980/0.9441			26.40/1.039	F100	1	RB4087
		22.009/0.8665	24.000/0.9449						

## 20 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
2188cc (2.2) (L) Diesel	L	L4	90mm x 86mm	Connecting Rod 37-43 ft.lbs/50-58 Nm Main Bearing 71-81 ft.lbs/97-110 Nm					
2446cc (2.4) (2L) Diesel	L	L4	92mm x 92mm						
2446cc (2.4) (2LT) Turbo Diesel	L	L4	92mm x 92mm						
2779cc (2.8) (3L) Diesel	L	L4	96mm x 96mm						

Rod - for 2L (8/82-8/83 with 55mm journal size), and all 2LT & 3L engines only.									
4B1720 Std. 10 20 30 40		54.985/2.1648	58.004/2.2836	1.486/0.0585	.032/.0013	26.00/1.024	F810	8	1720A
		55.000/2.1654	58.024/2.2844		.093/.0037				IH
Rod - for L engines 10/77-2/82 only.									
4B1726 Std. 10 20 30 40		52.988/2.0861	56.004/2.2049	1.485/0.0585	.034/.0013	25.90/1.020	F780	8	1726
		53.000/2.0866	56.024/2.2057		.092/.0036				IH
Rod - for L (2/82-8/88), 2L (2/82 on with 53 mm journal size) engines only.									
4B1730 Std. 10 20 30 40		52.988/2.0861	56.000/2.2047	1.485/0.0585	.030/.0012	25.90/1.020	F780	8	1730
		53.000/2.0866	56.020/2.2055		.088/.0035				IH
Main - for L (10/77-4/83) & 2L (2/82-8/83) engines only, full groove.									
5M1727 Std. 10 20 30 40	1-5	61.980/2.4402	66.000/2.5984	1.986/0.0782	.028/.0011	27.56/1.085	F810	10	1727A
		62.000/2.4409	66.020/2.5992		.094/.0037				IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 20**
**Main - for L (4/83-8/88), 2L (8/83 on), 2LT (8/83 on) and all 3L engines - half groove.**

1-5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/0.0782	.028/.0011 .094/.0037	27.56/1.085	F810	5	1727A U	<b>5M1728</b> Std. 10 20 30 40
1-5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/0.0782	.028/.0011 .094/.0037	27.56/1.085	F810	5	1728A L	

**Thrust**

3	70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165			2.49/0.098	F861	4	1727T U/L	<b>2T1727</b> Std.
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*Note: Set includes four pieces, use on No. 3 position. Required with 5M1727/5M1728 main sets.*
**Cam - for all L engines, 2L (2/82-7/88) and 2LT (8/82-8/88) engines only.**

1	34.966/1.3766 34.972/1.3768	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	20.13/0.793	F820	1	8074 U	<b>3C8074</b> Std.
1 (F)	34.966/1.3766 34.972/1.3768	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	28.07/1.105	F820	1	8075 L	
2,3	34.966/1.3766 34.972/1.3768	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	20.13/0.793	F820	4	8074 U/L	

**Cam - for 2L (8/88 on), 2LT (8/88 on) and all 3L engines only.**

1 (FI)	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/0.0592	.021/.0008 .077/.0030	32.60/1.283		1	8094	<b>5C8094</b> Std.
2-5	27.969/1.1011 27.985/1.1018	31.014/1.2210 31.038/1.2220	1.504/0.0592	.021/.0008 .077/.0030	17.50/0.689		4	8095	

**Small End - for all L and 2L (2/82-8/88) engines only - not bored, single pieces.**

	27.000/1.0630 27.012/1.0635	30.000/1.1811 30.021/1.1819			30.02/1.182	F100	1	RB4023	<b>RB4023</b> Semi
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**Small End - for 2LT (8/83-8/88) engines only.**

		32.000/1.2598 32.020/1.2606			30.50/1.201	F100	1	RB4080	<b>RB4080</b> Semi
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**Small End - for 2LT engine 08/88 on, and all 3L engines - not bored, single pieces.**

		32.000/1.2598 32.020/1.2606			30.50/1.201 (Tapered)	F100	1	RB4093	<b>RB4093</b> Semi
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**Small End - for 2L (8/88 on) engines only.**

		30.000/1.1811 30.021/1.1819			31.00/1.220 (Tapered)	F100	1	RB4100	<b>RB4100</b> Semi
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**ENGINE**
**VIN CYL**
**Bore x Stroke**
**TORQUE SETTINGS**

2189cc (2.2) (20R)	R	L4	88.4mm x 88.9mm	Connecting Rod 42-48 ft.lbs/57-65 Nm (20R/22REC/22RTEC engines only)
2366cc (2.4) (22R)	R	L4	92mm x 89mm	
2366cc (2.4) (22RE)	R	L4	92mm x 89mm	Connecting Rod 51 ft.lbs/69 Nm (22R/22RE engines only)
2366cc (2.4) (22REC)	R	L4	92mm x 89mm	Main Bearing 72-80 ft.lbs/98-109 Nm
2366cc (2.4) (22RTEC) Turbo	R	L4	92mm x 89mm	

**21**
**Rod**

	52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/0.0588	.012/.0005 .083/.0033	22.00/0.866	F780	8	1701 IH	<b>4B1701</b> Std. 10 20 30 40 60
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**Main - for engines 1975-2/82 only.**

1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/0.0787	.010/.0004 .074/.0029	21.97/0.865	F780	8	1697 IH	<b>5M1703</b> Std. 10 20 30 40
3	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/0.0787	.010/.0004 .074/.0029	24.00/0.945	F780	2	1703 IH	

**Main - for engines 3/82-95 only.**

1-5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/0.0787	.015/.0006 .075/.0030	21.97/0.865	F780	5	1697 U	<b>5M1705</b> Std. 10 20 30 40 60
1-5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/0.0787	.015/.0006 .075/.0030	21.97/0.865	F780	5	1703 L	

**Thrust - for engines 1975-4/84 only.**

	66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496			1.99/0.078	F817	4	1703T U/L	<b>2T1703</b> Std.
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**Thrust - for engines 4/84-95 only.**

3	66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496			2.74/0.108	F817	4	1705T U/L	<b>2T1705</b> Std. +.25
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# TOYOTA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>21 (Cont'd.)</b>									
<b>2BS8286</b> Std.	<b>Balance Shaft - for engines 1975-82 only.</b>								
	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	2.000/0.0787		24.70/0.972	F23	1	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	2.000/0.0787		19.91/0.784	F23	1	8287
	<b>Small End - for all engines excluding 22RTEC turbo engine - single pieces.</b>								
<b>RB4028</b> Semi		21.987/0.8656 22.000/0.8661	24.000/0.9449 24.021/0.9457			28.70/1.130	F100	1	RB4028
	<i>Bush has bore allowance on the ID.</i>								
<b>Small End - for all engines excluding 22RTEC turbo engine - single pieces.</b>									
<b>RB4028R</b> Ream		21.987/0.8656 22.000/0.8661	24.000/0.9449 24.021/0.9457			28.70/1.130	F100	1	RB4028R
	<i>Bush has ream allowance on the ID.</i>								
<b>22 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				L6	75mm x 85mm	<b>Connecting Rod 30-35 ft.lbs/41-47 Nm</b>			
				L6	80mm x 85mm	<b>Main Bearing 71-78 ft.lbs/97-106 Nm</b>			
			M	L6	80mm x 85mm				
			M	L6	80mm x 85mm				
<b>6B1160</b> Std. 10 20 30 40	<b>Rod</b>								
		51.984/2.0466 52.000/2.0472	55.020/2.1661 55.040/2.1669	1.506/0.0593	.020/.0008 .060/.0024	20.00/0.787	F780	12	1160 IH
<b>7M1164</b> Std. 10 20 30 40	<b>Main</b>								
	1-7	59.985/2.3616 60.000/2.3622	64.021/2.5205 64.046/2.5215	1.996/0.0786	.029/.0011 .095/.0037	21.97/0.865	F780	14	1164 U/L
<b>2T7962</b> Std.	<b>Thrust</b>								
		65.860/2.5929 66.120/2.6031	79.500/3.1299 79.760/3.1402			2.97/0.117	F1	4	7962T U/L
<i>Note: Set includes four pieces, use on No. 4 position. Required with 7M1164 main sets.</i>									
<b>Cam - 2M/4M engines only.</b>									
<b>4C8076</b> Std.	1	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	20.13/0.793	F23	1	8076 U
	1 (FI)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	28.07/1.105	F23	1	8077 L
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/0.0592	.010/.0004 .074/.0029	20.13/0.793	F23	6	8076 IH
	<b>Balance Shaft</b>								
<b>2BS8078</b> Std.	1	40.970/1.6130 (Nominal)	44.981/1.7709 45.001/1.7717	2.009/0.0791		16.26/0.640	F23	1	8078
	2	32.969/1.2980 (Nominal)	36.980/1.4559 37.000/1.4567	2.009/0.0791		16.26/0.640	F23	1	8079
<b>Small End - not bored, single pieces.</b>									
<b>RB4008</b> Semi		22.000/0.8661 (Nominal)	24.000/0.9449 (Nominal)			25.24/0.994	F100	1	RB4008



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>23</b>
2438cc (2.4) DOHC (2RZFE)			L4	95mm x 86mm	Connecting Rod 22ft.lbs/30Nm + 90 deg (1990-93)					
2438cc (2.4) DOHC (2RZFE)		L	L4	95mm x 86mm	Connecting Rod 33ft.lbs/45Nm + 90 deg (1994-04)					
2438cc (2.4) DOHC (2RZFE)		U	L4	95mm x 86mm	Main Bearing 29ft.lbs/39Nm + 90 deg					
2438cc (2.4) DOHC (2TZFE)		A	L4	95mm x 86mm						
2438cc (2.4) DOHC (2TZFE) Supercharged		A	L4	95mm x 86mm						
2438cc (2.4) DOHC (2TZFE) Supercharged		K	L4	95mm x 86mm						
2694cc (2.7) DOHC (3RZFE)			L4	95mm x 95mm						
2694cc (2.7) DOHC (3RZFE)		M	L4	95mm x 95mm						
2694cc (2.7) DOHC (3RZFE)		U	L4	95mm x 95mm						

**Rod**

52.987/2.0861	56.000/2.2047	1.482/0.0583	.036/.0014	19.83/0.781	F780	8	8376	4B8376 Std. .25 .50 .75 1.0
53.000/2.0866	56.024/2.2057		.099/.0039				IH	

**Main**

1,5	59.987/2.3617	64.000/2.5197	1.987/0.0782	.026/.0010	25.18/0.991	F780	4	8378	5M8378 Std. .25 .50 .75 1.0
	60.000/2.3622	64.024/2.5207		.089/.0035				U/L	
2,3,4	59.987/2.3617	64.000/2.5197	1.987/0.0782	.026/.0010	23.15/0.911	F780	6	8377	U/L
	60.000/2.3622	64.024/2.5207		.089/.0035				U/L	

**Thrust**

65.250/2.5690	89.750/3.5335			2.49/0.098	F817	4	8377T	2T8377 Std.
65.500/2.5790	90.000/3.5434						U/L	

Note : Set includes four pieces. Required with 5M8378 main set.

**Balance Shaft - 2.7L Engine only.**

Front	42.004/1.6537	1.988/0.0783		20.32/0.800	F23	2	TOG-10-1	4BS8000 Std.
	42.024/1.6545							
Rear	41.519/1.6346	2.006/0.0790		22.73/0.895	F23	2	TOG-10-2	
	41.539/1.6354							

<b>ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					<b>24</b>
2336cc (2.3) Forklift (J) Diesel			L4	88mm x 96mm	Connecting Rod 49-52 ft.lbs/66-70 Nm					
2481cc (2.5) Forklift (2J) Diesel			L4	88mm x 102mm	Main Bearing 71-81 ft.lbs/96-110 Nm					
2771cc (2.8) Forklift (5P) Diesel			L4	93mm x 102mm						

**Rod**

54.980/2.1646	58.000/2.2835	1.485/0.0585	.030/.0012	27.55/1.085	F780	8	1361	4B1361 Std. .25 .50 .75 1.0
55.000/2.1654	58.020/2.2842		.096/.0038				IH	

**Main**

1,2,4,5	69.980/2.7551	74.000/2.9134	1.989/0.0783	.022/.0009	24.63/0.970	F780	8	1362	5M1362 Std. .25 .50 .75 1.0
	70.000/2.7559	74.022/2.9142		.089/.0035				IH	
3	69.980/2.7551	74.000/2.9134	1.989/0.0783	.022/.0009	31.37/1.235	F780	2	1365	IH
	70.000/2.7559	74.022/2.9142		.089/.0035				IH	

**Thrust**

4	75.950/2.9902	89.410/3.5201		3.00/0.118	F250	4	1362T	2T1362 Std.
	76.200/3.0000	89.660/3.5299					U/L	

Note: Set includes four pieces, use on No. 3 position. Required with 5M1362 main set.

**Cam - for 1965-69 engines.**

1	47.164/1.8568	51.000/2.0079	1.905/0.0750		24.00/0.945	F23	1	8056	4C8056 Std.
	47.180/1.8575	51.019/2.0086							
2	46.964/1.8490	51.000/2.0079	2.005/0.0789		20.00/0.787	F23	1	8057	
	46.980/1.8496	51.019/2.0086							
3	46.764/1.8411	51.000/2.0079	2.105/0.0829		20.00/0.787	F23	1	8058	
	46.780/1.8417	51.019/2.0086							
4	46.564/1.8332	51.000/2.0079	2.205/0.0868		24.00/0.945	F23	1	8059	
	46.580/1.8339	51.019/2.0086							

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>24 (Cont'd.)</b>									
<b>4C8065</b> Std.	<b>Cam - for 1970-75 engines.</b>								
	1	47.164/1.8568 47.180/1.8575	51.000/2.0079 51.019/2.0086	1.905/0.0750		24.00/0.945	F23	1	8056
	2	46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/0.0789		20.00/0.787	F23	1	8057
	3	46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/0.0829		20.00/0.787	F23	1	8058
<b>RB4023</b> Semi	4	46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/0.0868		24.00/0.945	F23	1	8065
	<b>Small End - not bored, single pieces.</b>								
		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.021/1.1819			30.02/1.182	F100	1	RB4023

<b>25 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>2398cc (2.4) (2AZFE)</b>		<b>L4</b>	<b>88.5mm x 96mm</b>	<b>Connecting Rod 18 ft.lbs/25 Nm + 90 deg</b> <b>Main Bearing 15 ft.lbs/20 Nm Step 1</b> <b>Mains Bearing 30 ft.lbs/40 Nm + 90 deg Step 2</b>					

<b>4B8411A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
		47.990/1.8894 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.490/0.0587	.024/.0009 .048/.0019	15.60/0.614	F810	8	8411A IH
<b>5M8412A</b> Std. .25 .50 .75 1.0	<b>Main - High Strength Aluminum Silicon material.</b>								
	1-5	54.988/2.1649 55.000/2.1654	59.000/2.3228 59.016/2.3235	1.996/0.0786	.008/.0003 .052/.0020	17.00/0.669	F810	10	8412A U/L
<b>1T8412</b> Std.	<b>Thrust</b>								
		60.500/2.3819 60.750/2.3917	77.750/3.0610 78.000/3.0709			1.98/0.078	F817	2	8412T U
<b>1C8415A</b> Std.	<i>Note: Set includes two pieces. Required with 5M8412A main set.</i>								
	<b>Cam</b>								
		35.971/1.4162 35.985/1.4167	40.000/1.5748 40.025/1.5758	2.004/0.0789	.007/.0003 .038/.0015	22.60/0.890	F810	1	8415A U
	(F)	35.971/1.4162 35.985/1.4167	40.000/1.5748 40.025/1.5758	2.004/0.0789	.007/.0003 .038/.0015	23.60/0.929	F810	1	8417A L
<b>4BS8416A</b> Std.	<b>Balance Shaft</b>								
		22.985/0.9049 23.000/0.9055	26.000/1.0236 26.018/1.0243	1.498/0.0590	.004/.0002 .031/.0012	22.10/0.870	F810	8	8416A IH

<b>26 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>2496cc (2.5) DOHC (4VZFE)</b>		<b>V6</b>	<b>87.5mm x 69mm</b>	<b>Connecting Rod 18ft.lbs + 90 deg turn</b>					
<b>2959cc (3.0) SOHC (3VZE)</b>	<b>V</b>	<b>V6</b>	<b>87.5mm x 82mm</b>	<b>Main Bearing 45ft.lbs + 90 deg turn</b>					
<b>2967cc (3.0) DOHC (3VZFE)</b>	<b>V</b>	<b>V6</b>	<b>87.5mm x 82mm</b>						
<b>3378cc (3.4) DOHC (5VZFE)</b>		<b>V6</b>	<b>93.5mm x 82mm</b>						
<b>3378cc (3.4) DOHC (5VZFE)</b>	<b>N</b>	<b>V6</b>	<b>93.5mm x 82mm</b>						
<b>3378cc (3.4) DOHC (5VZFE)</b>	<b>V</b>	<b>V6</b>	<b>93.5mm x 82mm</b>						

<b>6B8060</b> Std. .25 .50 .75 1.0	<b>Rod - 3VZE engine only. To be superseded by 6B8060A when stock exhausted.</b>								
		54.987/2.1649 55.000/2.1654	58.000/2.2835 58.024/2.2844	1.488/0.0586	.024/.0009 .087/.0034	17.00/0.669	F780	12	8060 IH
<b>6B8060A</b> Std. .25 .50 .75 1.0	<b>Rod - High Strength Aluminum Silicon material.</b>								
		54.987/2.1648 55.000/2.1654	58.000/2.2835 58.024/2.2844	1.488/0.0586	.024/.0009 .087/.0034	17.00/0.669	F810	12	8060A IH
<b>6B8061</b> Std. .25 .50 .75 1.0	<b>Rod - 3VZFE, 4VZFE &amp; 5VZFE engines only.</b>								
		54.987/2.1649 55.000/2.1654	58.000/2.2835 58.024/2.2844	1.488/0.0586	.024/.0009 .087/.0034	17.00/0.669	F780	12	8061 IH
<b>4M8063</b> Std. .25 .50 .75 1.0	<b>Main - To be superseded by 4M8063A when stock exhausted.</b>								
	1	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.990/0.0783	.030/.0012 .089/.0035	22.00/0.866	F780	2	8064 U/L
	2,3,4	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.990/0.0783	.030/.0012 .089/.0035	20.00/0.787	F780	6	8063 U/L

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 26**
**Main - High Strength Aluminum Silicon material.**

2,3,4	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.990/0.0783	.030/.0012 .089/.0035	20.00/0.787	F810	6	8063A U/L	<b>4M8063A</b> Std. .25 .50 .75 1.0
1	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.990/0.0783	.030/.0012 .089/.0035	22.00/0.866	F810	2	8064A U/L	

**Thrust**

2	71.250/2.8051 71.500/2.8150	86.250/3.3957 86.500/3.4055			2.49/0.098	F817	4	8063T U/L	<b>2T8063</b> Std. +.25
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*Note : Set includes four pieces, use on No. 2 position. Required with 4M8063 main set.*
**Small End - for 3VZFE/5VZFE engines only.**

	21.997/0.8660 22.009/0.8665	24.010/0.9453 24.030/0.9461			23.00/0.906	F100	1	RB4109	<b>RB4109</b> Semi
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**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>2754cc (2.8) DOHC (5ME)</b>	<b>M</b>	<b>L6</b>	<b>83mm x 85mm</b>	<b>Connecting Rod 33 ft.lbs/45 Nm</b>
<b>2754cc (2.8) DOHC (5MGE)</b>	<b>M</b>	<b>L6</b>	<b>83mm x 85mm</b>	<b>Main Bearing 75 ft.lbs/102 Nm</b>

**Rod - for engines 1981-7/84 only.**

	51.984/2.0466 52.000/2.0472	55.020/2.1661 55.040/2.1669	1.506/0.0593	.020/.0008 .060/.0024	20.00/0.787	F780	12	1160 IH	<b>6B1160</b> Std. 10 20 30 40
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**Rod - for engines 8/84-88 only.**

	51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.500/0.0591	.015/.0006 .076/.0030	19.90/0.784	F780	12	1170 IH	<b>6B1170</b> Std. .25 .50 .75 1.0
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**Main - for engines 1981-7/84 only.**

1-7	59.985/2.3616 60.000/2.3622	64.021/2.5205 64.046/2.5215	1.996/0.0786	.029/.0011 .095/.0037	21.97/0.865	F780	14	1164 U/L	<b>7M1164</b> Std. 10 20 30 40
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**Main - for engines 8/84-88 only.**

1	60.010/2.3626 (Nominal)	64.046/2.5215 (Nominal)	2.000/0.0787	.012/.0005 .087/.0034	25.00/0.984	F780	2	1166 U/L	<b>7M1165</b> Std. .25 .50 .75 1.0
2-7	60.010/2.3626 (Nominal)	64.046/2.5215 (Nominal)	2.000/0.0787	.012/.0005 .087/.0034	22.00/0.866	F780	12	1165 U/L	

**Thrust**

	65.860/2.5929 66.120/2.6031	79.500/3.1299 79.760/3.1402			2.97/0.117	F1	4	7962T U/L	<b>2T7962</b> Std.
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*Note: Set includes four pieces, use on No. 4 position. Required with 7M1164/7M1165 main sets.*
**Balance Shaft**

1	40.970/1.6130 (Nominal)	44.981/1.7709 45.001/1.7717	2.009/0.0791		16.26/0.640	F23	1	8078	<b>2BS8078</b> Std.
2	32.969/1.2980 (Nominal)	36.980/1.4559 37.000/1.4567	2.009/0.0791		16.26/0.640	F23	1	8079	

**Small End - not bored, single pieces.**

	22.000/0.8661 (Nominal)	24.000/0.9449 (Nominal)			25.24/0.994	F100	1	RB4008	<b>RB4008</b> Semi
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**ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS**

<b>2954cc (3.0) DOHC (7MGE)</b>	<b>M</b>	<b>L6</b>	<b>83mm x 91mm</b>	<b>Connecting Rod 47 ft.lbs/64 Nm</b>
<b>2954cc (3.0) DOHC (7MGTE) Turbo</b>	<b>M</b>	<b>L6</b>	<b>83mm x 91mm</b>	<b>Main Bearing 75 ft.lbs/102 Nm</b>

**Rod**

	51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.500/0.0591	.015/.0006 .076/.0030	19.90/0.784	F780	12	1170 IH	<b>6B1170</b> Std. .25 .50 .75 1.0
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**Main**

1	60.010/2.3626 (Nominal)	64.046/2.5215 (Nominal)	2.000/0.0787	.012/.0005 .087/.0034	25.00/0.984	F780	2	1166 U/L	<b>7M1165</b> Std. .25 .50 .75 1.0
2-7	60.010/2.3626 (Nominal)	64.046/2.5215 (Nominal)	2.000/0.0787	.012/.0005 .087/.0034	22.00/0.866	F780	12	1165 U/L	

# TOYOTA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>28 (Cont'd.)</b>									
2T7962 Std.	<b>Thrust</b>								
		65.860/2.5929 66.120/2.6031	79.500/3.1299 79.760/3.1402			2.97/0.117	F1	4	7962T U/L
<i>Note: Set includes four pieces, use on No. 4 position. Required with 7M1165 main sets.</i>									
2BS8078 Std.	<b>Balance Shaft</b>								
	1	40.970/1.6130 (Nominal)	44.981/1.7709 45.001/1.7717	2.009/0.0791		16.26/0.640	F23	1	8078
	2	32.969/1.2980 (Nominal)	36.980/1.4559 37.000/1.4567	2.009/0.0791		16.26/0.640	F23	1	8079
<b>Small End - not bored, single pieces.</b>									
RB4008 Semi		22.000/0.8661 (Nominal)	24.000/0.9449 (Nominal)			25.24/0.994	F100	1	RB4008
<b>29 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
2955cc (3.0) (5L) Diesel		L4		99.5mm x 96mm					
4B1720 Std. 10 20 30 40	<b>Rod</b>								
		54.985/2.1648 55.000/2.1654	58.004/2.2836 58.024/2.2844	1.486/0.0585	.032/.0013 .093/.0037	26.00/1.024	F810	8	1720A IH
5M1728 Std. 10 20 30 40	<b>Main</b>								
	1-5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/0.0782	.028/.0011 .094/.0037	27.56/1.085	F810	5	1727A U
	1-5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/0.0782	.028/.0011 .094/.0037	27.56/1.085	F810	5	1728A L
2T1727 Std.	<b>Thrust</b>								
	3	70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165			2.49/0.098	F861	4	1727T U/L
<i>Note: Set includes four pieces, use on No. 3 position. Required with 5M1728 main sets.</i>									
5C8094 Std.	<b>Cam</b>								
	1 (FI)	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/0.0592	.021/.0008 .077/.0030	32.60/1.283		1	8094
	2-5	27.969/1.1011 27.985/1.1018	31.014/1.2210 31.038/1.2220	1.504/0.0592	.021/.0008 .077/.0030	17.50/0.689		4	8095
<b>Small End - not bored, single pieces.</b>									
RB4093 Semi			32.000/1.2598 32.020/1.2606			30.50/1.201 (Tapered)	F100	1	RB4093
<b>30 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
2977cc (3.0) (B) Diesel		L4		95mm x 105mm		Connecting Rod 54 ft.lbs/73 Nm Main Bearing 82 ft.lbs/111 Nm			
4B1786 Std. .25 .50 .75 1.0	<b>Rod - for engines 1972-83 only.</b>								
		58.980/2.3220 59.000/2.3228	62.000/2.4409 62.020/2.4417	1.487/0.0585	.026/.0010 .092/.0036	30.00/1.181	F780	8	1786 IH
4B8280 Std. .25 .50 .75 1.0	<b>Rod - for engines 1984-5/88 only.</b>								
		60.980/2.4008 61.000/2.4016	64.000/2.5197 64.021/2.5205	1.490/0.0587	.020/.0008 .087/.0034	30.00/1.181	F780	8	8280 IH
4B8375 Std. .25 .50 .75	<b>Rod - for engines 6/88 on.</b>								
		58.980/2.3220 59.000/2.3228	62.000/2.4409 62.025/2.4419	1.490/0.0587	.020/.0008 .091/.0036	30.00/1.181	F780	8	8375 IH
5M1787 Std. .25 .50 .75 1.0	<b>Main - for engines using flanged bearings from 1972-83 only.</b>								
	1,2,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	8	1787 IH
	3 (F)	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	33.93/1.336	F780	2	1788 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b> <b>30</b>									
<b>Main - for engines using thrustwashers from 1984-5/88 only.</b>									
1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	5	1787 U	<b>5M8283</b> Std. .25 .50 .75
1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	5	8283 L	
<b>Main - for engines using thrustwashers from 6/88 on.</b>									
1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	10	8374 U/L	<b>5M8374</b> Std. .25 .50 .75
<b>Thrust</b>									
3	76.250/3.0020 76.260/3.0024	90.450/3.5610 90.700/3.5709			2.48/0.098	F817	4	8283T U/L	<b>2T8283</b> Std.
<i>Note : Set includes four pieces. Required with 5M8283 &amp; 5M8374 main set.</i>									
<b>Cam - for engines 1972-9/84 only.</b>									
1	47.159/1.8566 47.175/1.8573	51.030/2.0091 51.060/2.0102	1.915/0.0754		24.00/0.945	F23	1	8071	<b>3C8071</b> Std.
2	46.959/1.8488 46.975/1.8494	51.030/2.0091 51.060/2.0102	2.014/0.0793		20.00/0.787	F23	1	8072	
3	46.759/1.8409 46.775/1.8415	51.030/2.0091 51.060/2.0102	2.115/0.0833		24.00/0.945	F23	1	8073	
<b>Cam - for engines 8/88 on.</b>									
1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.580/2.2669	2.005/0.0789		20.00/0.787	F23	1	8205	<b>5C8205</b> Std.
2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/0.0789		20.00/0.787	F23	1	8206	
3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/0.0789		20.00/0.787	F23	1	8207	
4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/0.0839		20.00/0.787	F23	1	8208	
5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/0.0937		20.00/0.787	F23	1	8209	
<b>Cam - for engines 9/84-6/86 only.</b>									
1	53.450/2.1043 53.475/2.1053	56.500/2.2244 56.530/2.2256	1.505/0.0593		20.00/0.787	F23	1	8215	<b>5C8215</b> Std.
2	53.200/2.0945 53.225/2.0955	56.250/2.2146 56.280/2.2157	1.505/0.0593		20.00/0.787	F23	1	8216	
3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/0.0593		20.00/0.787	F23	1	8217	
4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/0.0642		20.00/0.787	F23	1	8218	
5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/0.0740		20.00/0.787	F23	1	8219	
<b>Cam - for engines 6/86-8/88 only.</b>									
1	53.450/2.1043 53.475/2.1053	57.550/2.2657 57.580/2.2669	2.005/0.0789		20.00/0.787	F23	1	8205	<b>5C8217</b> Std.
2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/0.0789		20.00/0.787	F23	1	8206	
3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/0.0593		20.00/0.787	F23	1	8217	
4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/0.0642		20.00/0.787	F23	1	8218	
5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/0.0740		20.00/0.787	F23	1	8219	
<b>Small End - single pieces, not bored.</b>									
	29.000/1.1417 29.012/1.1422	33.000/1.2992 30.025/1.1821			32.00/1.260	F100	1	RB4065	<b>RB4065</b> Semi

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	
<b>31 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
2977cc (3.0) (11B) Diesel			L4	95mm x 105mm	Connecting Rod 54 ft.lbs/73 Nm (11B engines)					
3431cc (3.4) (13B) Diesel			L4	102mm x 105mm	Connecting Rod 69 ft.lbs/93 Nm (13B/13BT engines)					
3431cc (3.4) (13BT) Turbo Diesel			L4	102mm x 105mm	Main Bearing 82 ft.lbs/111 Nm					
3660cc (3.7) (14B) Diesel			L4	102mm x 112mm						
3660cc (3.7) (14BT) Turbo Diesel			L4	102mm x 112mm						
<b>Rod - for naturally aspirated engines 1984-8/88 and all Turbo engines.</b>										
4B8280 Std. .25 .50 .75 1.0		60.980/2.4008 61.000/2.4016	64.000/2.5197 64.021/2.5205	1.490/0.0587	.020/.0008 .087/.0034	30.00/1.181	F780	8	8280 IH	
	<b>Rod - for naturally aspirated engines 8/88 on.</b>									
4B8285 Std. .25 .50 .75		61.000/2.4016 (Nominal)	64.000/2.5197 64.025/2.5207	1.485/0.0585	.030/.0012	30.00/1.181	F780	8	8285 IH	
	<b>Main - for all engines 1984-8/88 only.</b>									
5M8283 Std. .25 .50 .75	1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	5	1787 U	
		69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537		.020/.0008 .090/.0035				8283 L	
	<b>Main - for all engines 8/88 on.</b>									
	5M8374 Std. .25 .50 .75	1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	10	8374 U/L
<b>Thrust</b>										
2T8283 Std.	3	76.250/3.0020 76.260/3.0024	90.450/3.5610 90.700/3.5709			2.48/0.098	F817	4	8283T U/L	
		<i>Note : Set includes four pieces. Required with 5M8283 &amp; 5M8374 main set.</i>								
<b>Cam - for engines 8/88 on.</b>										
5C8205 Std.	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.580/2.2669	2.005/0.0789		20.00/0.787	F23	1	8205	
		53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551		2.005/0.0789				20.00/0.787	F23
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/0.0789		20.00/0.787	F23	1	8207	
		52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453		2.130/0.0839				20.00/0.787	F23
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/0.0937		20.00/0.787	F23	1	8209	
		<b>Cam - for engines 9/84-6/86 only.</b>								
	5C8215 Std.	1	53.450/2.1043 53.475/2.1053	56.500/2.2244 56.530/2.2256	1.505/0.0593		20.00/0.787	F23	1	8215
			53.200/2.0945 53.225/2.0955	56.250/2.2146 56.280/2.2157		1.505/0.0593				20.00/0.787
		3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/0.0593		20.00/0.787	F23	1	8217
			52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059		1.630/0.0642				20.00/0.787
5		52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/0.0740		20.00/0.787	F23	1	8219	
		<b>Cam - for engines 6/86-8/88 only.</b>								
5C8217 Std.		1	53.450/2.1043 53.475/2.1053	57.550/2.2657 57.580/2.2669	2.005/0.0789		20.00/0.787	F23	1	8205
			53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551		2.005/0.0789				20.00/0.787
		3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/0.0593		20.00/0.787	F23	1	8217
			52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059		1.630/0.0642				20.00/0.787
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/0.0740		20.00/0.787	F23	1	8219	
		<b>Small End - for 13BT turbo engines from 9/84-8/88 only. Single pieces, not bored.</b>								
	RB4076 Semi		32.010/1.2602 (Nominal)	36.030/1.4185 (Nominal)			31.75/1.250	F100	1	RB4076

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 31**
**Small End - Non-Stock Item. For 11B engines 1984-6/86 and all 13B engines. Single pieces, not bored.**

34.013/1.3391 (Max I.D.)	38.000/1.4961 38.025/1.4970				36.00/1.417	F100	1	RB4082	<b>RB4082</b> Semi
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*Orders Ex-Factory only.*
**Small End - for 11B/14B engines from 8/88 on.**

32.010/1.2602 (Nominal)	36.000/1.4173 30.030/1.1823				32.80/1.291 (Tapered)	F100	1	RB4095	<b>RB4095</b> Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
2995cc (3.0) (1MZFE)		V6	87.5mm x 83mm	<b>Connecting Rod 18ft.lbs + 90 deg turn</b>					
2995cc (3.0) (1MZFE)	F	V6	87.5mm x 83mm	<b>Main Bearing Consult Service Manual</b>					
2995cc (3.0) (1MZFE)	G	V6	87.5mm x 83mm						

Rod									
	52.992/2.0863 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.484/0.0584	.032/.0013 .080/.0031	16.00/0.630	F780	12	8381 IH	<b>6B8381</b> Std. .25 .50 .75 1.0
Main									
2,3	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.486/0.0979	.028/.0011 .080/.0031	19.00/0.748	F780	4	8379 U/L	<b>4M8379</b> Std. .25 .50 .75
1,4	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.486/0.0979	.028/.0011 .080/.0031	22.50/0.886	F780	4	8383 U/L	
Thrust									
	68.200/2.6850 68.450/2.6949	83.950/3.3051 83.700/3.2953			1.98/0.078	F817	4	8379T U/L	<b>2T8379</b> Std.

*Note: Set includes four pieces. Required with 4M8379 main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
2997cc (3.0) (2JZGE)	D	L6	86.1mm x 86.1mm	<b>Connecting Rod 22 ft.lbs + 90 deg turn</b>					
2997cc (3.0) (2JZGE)	J	L6	86.1mm x 86.1mm	<b>Main Bearing 33 ft.lbs + 90 deg turn</b>					
2997cc (3.0) (2JZGTE) Turbo	E	L6	86.1mm x 86.1mm						
2997cc (3.0) (2JZGTE) Turbo	J	L6	86.1mm x 86.1mm						

Rod									
	51.982/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.511/0.0595	.002/.0001 .065/.0026	19.30/0.760	F780	12	8100 IH	<b>6B8100</b> Std. .25
Main									
2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.009/0.0791	.004/.0002 .059/.0023	20.00/0.787	F780	12	8103 U/L	<b>7M8103</b> Std. .25
1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.009/0.0791	.004/.0002 .059/.0023	23.00/0.906	F780	2	8104 U/L	
Thrust									
3	67.350/2.6516 67.600/2.6614	81.350/3.2027 81.600/3.2126			1.97/0.078	F817	4	8103T U/L	<b>2T8103</b> Std.

*Set includes four pieces, use on No.3 position. Required with 7M8103 main set.*

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
3168cc (3.2) (2B) Diesel		L4	98mm x 105mm	<b>Connecting Rod 47-54 ft.lbs/64-73 Nm</b>					
				<b>Main Bearing 102 ft.lbs/138 Nm</b>					

Rod									
	58.980/2.3220 59.000/2.3228	62.000/2.4409 62.020/2.4417	1.487/0.0585	.026/.0010 .092/.0036	30.00/1.181	F780	8	1786 IH	<b>4B1786</b> Std. .25 .50 .75 1.0
Main									
1,2,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	8	1787 IH	<b>5M1787</b> Std. .25 .50 .75 1.0
3 (F)	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	33.93/1.336	F780	2	1788 U/L	

*Overflange length remains constant for standard and undersizes.*

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>34 (Cont'd.)</b>									
<b>3C8071</b> Std.	<b>Cam</b>								
	1	47.159/1.8566 47.175/1.8573	51.030/2.0091 51.060/2.0102	1.915/0.0754		24.00/0.945	F23	1	8071
	2	46.959/1.8488 46.975/1.8494	51.030/2.0091 51.060/2.0102	2.014/0.0793		20.00/0.787	F23	1	8072
<b>RB4065</b> Semi	3	46.759/1.8409 46.775/1.8415	51.030/2.0091 51.060/2.0102	2.115/0.0833		24.00/0.945	F23	1	8073
	<b>Small End - not bored, single pieces.</b>								
		29.000/1.1417 29.012/1.1422	33.000/1.2992 30.025/1.1821			32.00/1.260	F100	1	RB4065
<b>35 ENGINE</b>									
<b>209 3431cc (3.4) (3B) Diesel</b>		<b>VIN L4</b>		<b>Bore x Stroke 102mm x 105mm</b>		<b>TORQUE SETTINGS</b>			
						<b>Connecting Rod 61-69 ft.lbs/83-93 Nm.</b>			
						<b>Main Bearing 102 ft.lbs/138 Nm</b>			
<b>4B8280</b> Std. .25 .50 .75 1.0	<b>Rod - for engines 1980-8/88 only.</b>								
		60.980/2.4008 61.000/2.4016	64.000/2.5197 64.021/2.5205	1.490/0.0587	.020/.0008 .087/.0034	30.00/1.181	F780	8	8280 IH
<b>4B8285</b> Std. .25 .50 .75	<b>Rod - for engines 8/88 on.</b>								
		61.000/2.4016 (Nominal)	64.000/2.5197 64.025/2.5207	1.485/0.0585	.030/.0012	30.00/1.181	F780	8	8285 IH
<b>5M1787</b> Std. .25 .50 .75 1.0	<b>Main - for engines 1980-6/84 with flanged bearings.</b>								
	1,2,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	8	1787 IH
	3 (F)	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	33.93/1.336	F780	2	1788 U/L
<i>Overflange length remains constant for standard and undersizes.</i>									
<b>5M8283</b> Std. .25 .50 .75	<b>Main - for engines 7/84-8/88 with thrustwashers.</b>								
	1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	5	1787 U
	1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	5	8283 L
<b>5M8374</b> Std. .25 .50 .75	<b>Main - for engines 8/88 on with thrustwashers.</b>								
	1-5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/0.0980	.020/.0008 .090/.0035	27.60/1.087	F780	10	8374 U/L
<b>2T8283</b> Std.	<b>Thrust</b>								
	3	76.250/3.0020 76.260/3.0024	90.450/3.5610 90.700/3.5709			2.48/0.098	F817	4	8283T U/L
<i>Note : Set includes four pieces, use on No. 3 position. Required with 5M8283 &amp; 5M8374 main sets.</i>									
<b>3C8071</b> Std.	<b>Cam - for engines 1980-6/84 only.</b>								
	1	47.159/1.8566 47.175/1.8573	51.030/2.0091 51.060/2.0102	1.915/0.0754		24.00/0.945	F23	1	8071
	2	46.959/1.8488 46.975/1.8494	51.030/2.0091 51.060/2.0102	2.014/0.0793		20.00/0.787	F23	1	8072
<b>5C8205</b> Std.	3	46.759/1.8409 46.775/1.8415	51.030/2.0091 51.060/2.0102	2.115/0.0833		24.00/0.945	F23	1	8073
	<b>Cam - for engines 8/88 on.</b>								
	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.580/2.2669	2.005/0.0789		20.00/0.787	F23	1	8205
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/0.0789		20.00/0.787	F23	1	8206
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/0.0789		20.00/0.787	F23	1	8207
	4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/0.0839		20.00/0.787	F23	1	8208
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/0.0937		20.00/0.787	F23	1	8209



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 35</b>									
<b>Cam - for engines 7/84-6/86 only.</b>									
1	53.450/2.1043 53.475/2.1053	56.500/2.2244 56.530/2.2256	1.505/0.0593		20.00/0.787	F23	1	8215	<b>5C8215</b> Std.
2	53.200/2.0945 53.225/2.0955	56.250/2.2146 56.280/2.2157	1.505/0.0593		20.00/0.787	F23	1	8216	
3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/0.0593		20.00/0.787	F23	1	8217	
4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/0.0642		20.00/0.787	F23	1	8218	
5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/0.0740		20.00/0.787	F23	1	8219	
<b>Cam - for engines 6/86-8/88 only.</b>									
1	53.450/2.1043 53.475/2.1053	57.550/2.2657 57.580/2.2669	2.005/0.0789		20.00/0.787	F23	1	8205	<b>5C8217</b> Std.
2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/0.0789		20.00/0.787	F23	1	8206	
3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/0.0593		20.00/0.787	F23	1	8217	
4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/0.0642		20.00/0.787	F23	1	8218	
5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/0.0740		20.00/0.787	F23	1	8219	
<b>Small End - for engines 1980-7/88 only. Single pieces, not bored.</b>									
	32.010/1.2602 (Nominal)	36.030/1.4185 (Nominal)			31.75/1.250	F100	1	RB4076	<b>RB4076</b> Semi
<b>Small End - for engines 8/88 on. Single pieces, not bored.</b>									
	32.010/1.2602 (Nominal)	36.000/1.4173 30.030/1.1823			32.80/1.291 (Tapered)	F100	1	RB4095	<b>RB4095</b> Semi
<b>36</b>									
<b>ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
3576cc (3.6) (H) Diesel		L6	88mm x 98mm	Connecting Rod 47-54 ft.lbs/64-73 Nm (H eng.)					
3980cc (4.0) (12H-T) Turbo Diesel		L6	91mm x 102mm	Connecting Rod 68ft.lbs/92Nm (2H/12H-T engines)					
3980cc (4.0) (2H) Diesel		L6	91mm x 102mm	Main Bearing 102ft.lbs/138Nm (2H/12H-T engines)					
				Main Bearing 72-80 ft.lbs/98-108 Nm (H eng.)					
<b>Rod - For 12H-T engines &amp; 2H engine from 10/84 on.</b>									
	54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/0.0585	.030/.0012 .096/.0038	25.60/1.008	F780	12	1360 IH	<b>6B1360</b> Std. .25 .50 .75
<b>Rod - for 12H-T engines 1988 on. (similar to 6B1360 set but has no oil hole and tang on opposite side)</b>									
	54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.486/0.0585	.028/.0011 .094/.0037	25.60/1.008	F780	12	1376 IH	<b>6B1376</b> Std. .25 .50 .75
<b>Main</b>									
1-3,5-7	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.022/2.9142	1.989/0.0783	.022/.0009 .089/.0035	22.46/0.884	F780	12	1388 IH	<b>7M1388</b> Std. .25 .50 .75 1.0
4	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.022/2.9142	1.989/0.0783	.022/.0009 .089/.0035	29.60/1.165	F780	2	1389 IH	
<b>Thrust - for H &amp; 2H engines only.</b>									
4	75.950/2.9902 76.200/3.0000	89.410/3.5201 89.660/3.5299			3.00/0.118	F250	4	1362T U/L	<b>2T1362</b> Std.
<i>Note: Set includes four pieces, use on No. 4 position. Required with 7M1388 main sets.</i>									
<b>Thrust - For all 12H-T engines only.</b>									
4	76.250/3.0020 76.500/3.0118	89.750/3.5335 90.000/3.5433			2.98/0.117	F817	4	1388T U/L	<b>2T1388</b> Std.
<i>Note: Set includes four pieces, use on No. 4 position. Required with 7M1388 main sets.</i>									

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>36 (Cont'd.)</b>									
<b>4C8052</b> Std.	<b>Cam - for 2H engines 4/82-91 and all 12H-T engines.</b>								
	1	51.175/2.0148 (Nominal)	55.020/2.1661 (Nominal)	1.900/0.0748		24.00/0.945	F23	1	8052
	2	50.975/2.0069 (Nominal)	55.020/2.1661 (Nominal)	2.000/0.0787		20.00/0.787	F23	1	8053
	3	50.775/1.9990 (Nominal)	55.020/2.1661 (Nominal)	2.100/0.0827		20.00/0.787	F23	1	8054
4	50.575/1.9911 (Nominal)	55.020/2.1661 (Nominal)	2.200/0.0866		24.00/0.945	F23	1	8055	
<b>4C8056</b> Std.	<b>Cam - for H engines 1969-76 only.</b>								
	1	47.164/1.8568 47.180/1.8575	51.000/2.0079 51.019/2.0086	1.905/0.0750		24.00/0.945	F23	1	8056
	2	46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/0.0789		20.00/0.787	F23	1	8057
	3	46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/0.0829		20.00/0.787	F23	1	8058
4	46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/0.0868		24.00/0.945	F23	1	8059	
<b>4C8065</b> Std.	<b>Cam - for H engines 1977-80, and 2H engines from 1980-3/82 only.</b>								
	1	47.164/1.8568 47.180/1.8575	51.000/2.0079 51.019/2.0086	1.905/0.0750		24.00/0.945	F23	1	8056
	2	46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/0.0789		20.00/0.787	F23	1	8057
	3	46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/0.0829		20.00/0.787	F23	1	8058
4	46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/0.0868		24.00/0.945	F23	1	8065	
<b>RB4023</b> Semi	<b>Small End - for H and 2H engines 1980-3/82 only. Not bored, single pieces.</b>								
		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.021/1.1819			30.02/1.182	F100	1	RB4023
<b>RB4070</b> Semi	<b>Small End - for 2H engines 4/82 on only. Not bored, single pieces.</b>								
		29.000/1.1417 (Nominal)	33.000/1.2992 33.030/1.3004			31.00/1.220	F100	1	RB4070

<b>37 ENGINE</b>	<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>					
<b>3878cc (3.9)</b>	<b>F</b>	<b>L6</b>	<b>90mm x 101.6mm</b>	<b>Connecting Rod 35-55 ft.lbs/47-74 Nm</b>					
<b>3878cc (3.9) (F)</b>		<b>L6</b>	<b>90mm x 101.6mm</b>	<b>Main Bearing 76-94 ft.lbs/103-127 Nm (No.4 cap)</b>					
<b>3878cc (3.9) (F)</b>	<b>F</b>	<b>L6</b>	<b>90mm x 101.6mm</b>	<b>Main Bearing 90-108 ft.lbs/122-146 Nm (Except No. 4 cap)</b>					
<b>3878cc (3.9) (FJ)</b>		<b>L6</b>	<b>90mm x 101.6mm</b>						
<b>4227cc (4.2) (2F)</b>	<b>F</b>	<b>L6</b>	<b>94mm x 101.6mm</b>						

<b>6B7971</b> Std. 10 20 30 40	<b>Rod</b>								
		53.980/2.1252 54.000/2.1260	56.800/2.2362 56.820/2.2370	1.380/0.0543	.040/.0016 .096/.0038	32.89/1.295	F820	12	7971AL IH
<b>4M7972</b> Std. 10 20 30	<b>Main - for F engines to 1973 only, dowel location &amp; flanged thrust.</b>								
	1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.019/2.8354	2.487/0.0979	.025/.0010 .086/.0034	32.13/1.265	F820	2	7972AL U/L
	2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.520/2.8945	2.487/0.0979	.026/.0010 .089/.0035	30.12/1.186	F820	2	7973AL U/L
	3 (FI)	69.974/2.7549 70.000/2.7559	75.000/2.9528 75.019/2.9535	2.487/0.0979	.025/.0010 .086/.0034	36.02/1.418	F820	2	7974AL U/L
	4	71.476/2.8140 71.500/2.8150	76.500/3.0118 76.520/3.0126	2.487/0.0979	.026/.0010 .089/.0035	40.13/1.580	F820	2	7975AL U/L
<i>Overflange length remains constant for standard and undersizes.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 37**
**Main - for F engines 1973-75 and all 2F engines - notch location, flanged thrust.**

1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.034/2.8360	2.497/0.0983	.005/.0002 .084/.0033	32.13/1.265	F820	2	7982AL U/L	<b>4M7982</b> Std. 10 20 30 40
2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.536/2.8951	2.497/0.0983	.006/.0002 .086/.0034	30.12/1.186	F820	2	7983AL IH	
3 (FI)	69.976/2.7550 70.000/2.7559	75.010/2.9531 75.034/2.9541	2.492/0.0981	.026/.0010 .089/.0035	35.94/1.415	F820	2	7984AL IH	
4	71.470/2.8138 71.500/2.8150	76.500/3.0118 76.535/3.0132	2.497/0.0983	.005/.0002 .087/.0034	40.13/1.580	F820	2	7985AL U/L	

*Overflange length remains constant for standard and undersizes.*
**Cam**

1	47.955/1.8880 47.975/1.8888	52.000/2.0472 52.035/2.0486	2.014/0.0793	.001 .102/.0040	29.23/1.151	F23	1	7976	<b>4C7979</b> Std.
2	46.455/1.8289 46.475/1.8297	50.500/1.9882 50.535/1.9896	2.014/0.0793	.001 .102/.0040	24.25/0.955	F23	1	7977	
3	44.955/1.7699 44.975/1.7707	49.000/1.9291 49.030/1.9303	2.014/0.0793	.001 .097/.0038	24.25/0.955	F23	1	7970	
4	43.455/1.7108 43.475/1.7116	47.500/1.8701 47.530/1.8713	2.014/0.0793	.001 .097/.0038	25.25/0.994	F23	1	7979	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**3956cc (4.0) (3FE)**
**F**
**L6**
**94mm x 95mm**
**Connecting Rod 44 ft.lbs/59Nm**
**Main Bearing 85 ft.lbs/115 Nm (17mm bolts only)**
**Main Bearing 99 ft.lbs/135 Nm (19mm bolts only)**
**38**
**Rod**

	52.988/2.0861 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.505/0.0593		22.13/0.871	F820	12	7986AL IH	<b>6B7986</b> Std. 10 20 30 40
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**Main**

1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.034/2.8360	2.497/0.0983	.005/.0002 .084/.0033	32.13/1.265	F820	2	7982AL U/L	<b>4M7987</b> Std. 10 20 30 40
2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.536/2.8951	2.497/0.0983	.005/.0002 .086/.0034	30.12/1.186	F820	2	7983AL IH	
3	69.972/2.7548 69.996/2.7557	75.000/2.9528 75.035/2.9541	2.497/0.0983	.010/.0004 .085/.0033	28.12/1.107	F820	2	7987AL IH	
4	71.472/2.8139 71.496/2.8148	76.500/3.0118 76.535/3.0132	2.497/0.0983	.010/.0004 .085/.0033	40.13/1.580	F820	2	7988AL U/L	

**Thrust**

3	78.000/3.0709 78.250/3.0807	90.500/3.5630 90.750/3.5728			2.48/0.098	F250	4	7987T U/L	<b>2T7987</b> Std.
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*Note : Set includes four pieces, use on No. 3 position. Required with 7M7987 main set.*
**Cam**

1	47.955/1.8880 47.975/1.8888	52.000/2.0472 52.035/2.0486	2.014/0.0793	.001 .102/.0040	29.23/1.151	F23	1	7976	<b>4C7979</b> Std.
2	46.455/1.8289 46.475/1.8297	50.500/1.9882 50.535/1.9896	2.014/0.0793	.001 .102/.0040	24.25/0.955	F23	1	7977	
3	44.955/1.7699 44.975/1.7707	49.000/1.9291 49.030/1.9303	2.014/0.0793	.001 .097/.0038	24.25/0.955	F23	1	7970	
4	43.455/1.7108 43.475/1.7116	47.500/1.8701 47.530/1.8713	2.014/0.0793	.001 .097/.0038	25.25/0.994	F23	1	7979	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**4112cc (4.2) (1HD-FTE) Turbo**
**Diesel**
**L6**
**94mm x 100mm**
**4112cc (4.2) (1HD-T) Turbo Diesel**
**L6**
**94mm x 100mm**
**4112cc (4.2) (1HZ) Diesel**
**L6**
**94mm x 100mm**
**39**
**Rod**

	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	0.059/0.0023	.030/.0012 .089/.0035	23.55/0.927	F780	12	8396	<b>6B8396</b> Std. .25 .50 .75 1.0
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# TOYOTA



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>39 (Cont'd.)</b>									
<b>7M8397</b> Std. .25 .50 .75	<b>Main</b>								
	1-7	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/0.0780	.035/.0014 .089/.0035	22.10/0.870	F780	14	8397 U/L
<b>2T8397</b> Std.	<b>Thrust</b>								
		73.450/2.8917 (I.D.) 73.700/2.9016	86.450/3.4035 (O.D.) 86.700/3.4134			2.98/0.117	F817	4	8397T U/L
<i>Note : Set includes four pieces. Required with 7M8397 main set.</i>									

<b>40 ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>4477cc (4.5) (1FZFE)</b>		<b>D</b>	<b>L6</b>	<b>100mm x 95mm</b>	<b>Connecting Rod 35 ft.lbs + 90 deg</b>				
<b>4477cc (4.5) (1FZFE)</b>		<b>J</b>	<b>L6</b>	<b>100mm x 95mm</b>	<b>Main Bearing 54 ft.lbs + 90 deg</b>				
<b>6B7990</b> Std. .25 .50 .75 1.0	<b>Rod</b>								
		56.980/2.2433 57.000/2.2441	60.520/2.3826 60.540/2.3835	1.745/0.0687	.030/.0011 .096/.0038	21.40/0.843	F780	12	7990 IH
<b>7M7989</b> Std. .25 .50	<b>Main</b>								
	1-7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.492/0.0981	.036/.0014 .102/.0040	23.40/0.921	F780	14	7989 U/L
<b>2T7989</b> Std.	<b>Thrust</b>								
	4	75.250/2.9626 75.500/2.9724	93.500/3.6811 93.750/3.6909			2.49/0.098	F817	4	7989T
<i>Note : Set includes four pieces, use on No. 4 position. Required with 7M7989 main set.</i>									
<b>RB4098</b> Semi	<b>Small End - not bored, single pieces.</b>								
			28.010/1.1028 28.030/1.1035			28.00/1.102	F100	1	RB4098

<b>41 ENGINE</b>		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				
<b>285 4663cc (4.7) (2UZFE)</b>			<b>V8</b>	<b>94mm x 84.7mm</b>	<b>Connecting Rod 18 ft.lbs + 90 deg turn</b>				
<b>285 4663cc (4.7) (2UZFE)</b>		<b>T</b>	<b>V8</b>	<b>94mm x 84.7mm</b>	<b>Main Bearing 20 ft.lbs + 90 deg</b>				
<b>8B8091</b> Std. .25 .50	<b>Rod</b>								
		51.981/2.0465 52.000/2.0472	55.000/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .077/.0030	19.50/0.768	F780	16	8091 IH
<b>8B8091H</b> Std. .025 .25 .50	<b>Rod - Race Series.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .067/.0026	19.50/0.768	F781	16	8091H IH
<b>8B8091HX</b> Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.483/0.0584	.035/.0014 .092/.0036	19.50/0.768	F781	16	8091HX IH
<b>5M8092</b> Std. .25 .50	<b>Main</b>								
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/0.0983	.007/.0003 .061/.0024	22.50/0.886	F780	4	8092 U/L
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/0.0983	.007/.0003 .061/.0024	19.50/0.768	F780	6	8093 U/L
	<b>Main - Race Series.</b>								
<b>5M8092H</b> Std. .025 .25 .50	<b>Main</b>								
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	22.50/0.886	F780	4	8092H U/L
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	19.50/0.768	F780	6	8093H U/L
	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
<b>5M8092HX</b> Std.	<b>Main</b>								
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	22.50/0.886	F780	4	8092HX U/L
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	19.50/0.768	F780	6	8093HX U/L
	<b>Thrust</b>								
<b>2T8092</b> Std.	3	73.408/2.8901 (Nominal I.D.)	89.311/3.5162 (Nominal O.D.)				F817	4	8092T U/L
<i>Note : Set includes four pieces, use on No.3 position. Required with 5M8092/H/HX main set.</i>									

## TOYOTA PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1587cc (1.6).....	(4AGE)		L4		1	2997cc (3.0).....	(2JZGTE), Turbo		L6		3
1587cc (1.6).....	(4AGZE), Supercharged		L4		1	3967cc (4.0).....	(1UZFE)		V8		4
1998cc (2.0).....	(3SGELC)		L4		2	4293cc (4.3).....	(3UZFE)		V8		5
1998cc (2.0).....	(3SGTE), Turbo		L4		2	4663cc (4.7).....	(2UZFE)		V8		4
2997cc (3.0).....	(2JZGE)		L6		3						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1587cc (1.6) (4AGE)		L4	81mm x 77mm	Connecting Rod 29 ft.lbs + 90 deg (for 4AGE engines only)	
1587cc (1.6) (4AGZE) Supercharged		L4	81mm x 77mm	Connecting Rod 36 ft.lbs/49 Nm (for 4AGZE engines only)	
				Main Bearing 44 ft.lbs/59 Nm	

### Rod - Race Series.

41.985/1.6529	45.000/1.7717	1.487/0.0585	.026/.0010	17.10/0.673	F781	8	1780H	4B1780H Std. .025 .25 .50
42.000/1.6535	45.024/1.7726		.081/.0032				IH	

### Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

41.985/1.6529	45.000/1.7717	1.474/0.0580	.051/.0020	17.10/0.673	F781	8	1780HX	4B1780HX Std.
42.000/1.6535	45.024/1.7726		.106/.0042				IH	

### Main - Race Series.

1-5	47.985/1.8892	52.020/2.0480	2.001/0.0788	.018/.0007	19.90/0.783	F70	5	1695H	5M1695H Std. .025 .25 .50
	48.000/1.8898	52.050/2.0492		.079/.0031				L	
1-5	47.985/1.8892	52.020/2.0480	2.001/0.0788	.018/.0007	19.90/0.783	F780	5	1704H	5M1695HX Std.
	48.000/1.8898	52.050/2.0492		.079/.0031				U	

### Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

1-5	47.985/1.8892	52.020/2.0480	1.988/0.0783	.043/.0017	19.90/0.783	F780	5	1695HX	5M1695HX Std.
	48.000/1.8898	52.050/2.0492		.104/.0041				L	
1-5	47.985/1.8892	52.020/2.0480	1.988/0.0783	.043/.0017	19.90/0.783	F780	5	1704HX	5M1695HX Std.
	48.000/1.8898	52.050/2.0492		.104/.0041				U	

### Thrust

3	53.500/2.1063	65.750/2.5886			2.49/0.098	F861	4	1695T	2T1695 Std.
	53.750/2.1161	66.000/2.5984						U/L	

Note: Set includes four pieces, use on No. 3 position. Required with 5M1695H/HX main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
1998cc (2.0) (3SGELC)		L4	86mm x 86mm	Connecting Rod 18ft.lbs + 90deg/25Nm + 90deg	
1998cc (2.0) (3SGTE) Turbo		L4	86mm x 86mm	Main Bearing 43 ft.lbs/58 Nm	

### Rod - Race Series.

47.985/1.8892	51.004/2.0080	1.488/0.0586	.028/.0011	21.30/0.839	F781	8	8366H	4B8366H Std. .025 .25 .50
48.000/1.8898	51.024/2.0088		.079/.0031				IH	

### Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

47.985/1.8892	51.004/2.0080	1.475/0.0581	.053/.0021	21.30/0.839	F781	8	8366HX	4B8366HX Std.
48.000/1.8898	51.024/2.0088		.104/.0041				IH	

### Main - Race Series.

1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/0.0787	.020/.0008	19.20/0.756	F780	8	8361H	5M8361H Std. .025 .25 .50
	55.000/2.1654	59.038/2.3243		.069/.0027				U/L	
3	54.985/2.1648	59.020/2.3236	1.995/0.0785	.030/.0012	23.00/0.906	F780	2	8362H	5M8361HX Std.
	55.000/2.1654	59.038/2.3243		.079/.0031				U/L	

### Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance for standard sized crankshafts.

1,2,4,5	54.985/2.1648	59.020/2.3236	1.987/0.0782	.045/.0018	19.20/0.756	F780	8	8361HX	5M8361HX Std.
	55.000/2.1654	59.038/2.3243		.094/.0037				U/L	
3	54.985/2.1648	59.020/2.3236	1.982/0.0780	.055/.0022	23.00/0.906	F780	2	8362HX	5M8361HX Std.
	55.000/2.1654	59.038/2.3243		.104/.0041				U/L	

### Thrust

3	63.800/2.5118	75.740/2.9819			2.49/0.098	F250	4	1689T	2T1689 Std.
	64.060/2.5220	76.000/2.9921						U/L	

Note: Set includes four pieces, use on No. 3 position. Required with 5M8361H/HX main set.

### Small End - not bored, single pieces.

21.977/0.8652	23.980/0.9441			26.40/1.039	F100	1	RB4087	RB4087 Semi
22.009/0.8665	24.000/0.9449							

# TOYOTA PERFORMANCE



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>3 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
2997cc (3.0) (2JZGE)			L6	86.1mm x 86.1mm		Connecting Rod 22 ft.lbs + 90 deg turn			
2997cc (3.0) (2JZGTE) Turbo			L6	86.1mm x 86.1mm		Main Bearing 33 ft.lbs + 90 deg			
6B8100H Std. .025 .25	<b>Rod - Race Series.</b>								
		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.506/0.0593	.012/.0005 .065/.0026	19.30/0.760	F781	12	8100H IH
6B8100HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.493/0.0588	.037/.0015 .091/.0036	19.30/0.760	F781	12	8100HX IH
7M8103H Std. .025 .25	<b>Main - Race Series.</b>								
	2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/0.0789	.011/.0004 .059/.0023	20.00/0.787	F780	12	8103H U/L
	1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/0.0789	.011/.0004 .059/.0023	23.00/0.906	F780	2	8104H U/L
7M8103HX Std.	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
	2-7	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/0.0784	.036/.0014 .084/.0033	20.00/0.787	F780	12	8103HX U/L
	1	61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/0.0784	.036/.0014 .084/.0033	23.00/0.906	F780	2	8104HX U/L
2T8103 Std.	<b>Thrust</b>								
	3	67.350/2.6516 67.600/2.6614	81.350/3.2027 81.600/3.2126			1.97/0.078	F817	4	8103T U/L
<i>Note : Set includes four pieces, use on No.3 position. Required with 7M8103H/HX main set.</i>									
<b>4 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
3967cc (4.0) (1UZFE)			V8	87.5mm x 82.5mm		Connecting Rod 18 ft.lbs + 90 deg turn			
4663cc (4.7) (2UZFE)			V8	87.5mm x 82.5mm		Main Bearing 20 ft.lbs + 90 deg (1UZFE - Nuts & 2UZFE)			
		Main Bearing 36 ft.lbs (1UZFE Bolts only)							
8B8091H Std. .025 .25 .50	<b>Rod - Race Series.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .067/.0026	19.50/0.768	F781	16	8091H IH
8B8091HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.483/0.0584	.035/.0014 .092/.0036	19.50/0.768	F781	16	8091HX IH
5M8092H Std. .025 .25 .50	<b>Main - Race Series.</b>								
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	22.50/0.886	F780	4	8092H U/L
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/0.0981	.017/.0007 .061/.0024	19.50/0.768	F780	6	8093H U/L
	<b>Main - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
5M8092HX Std.	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	22.50/0.886	F780	4	8092HX U/L
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/0.0976	.042/.0017 .086/.0034	19.50/0.768	F780	6	8093HX U/L
	<b>Thrust</b>								
2T8092 Std.	3	73.408/2.8901 (Nominal I.D.)	89.311/3.5162 (Nominal O.D.)				F817	4	8092T U/L
<i>Note : Set includes four pieces, use on No.3 position. Required with 5M8092H/HX main set.</i>									
<b>5 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
4293cc (4.3) (3UZFE)			V8	91mm x 82.5mm					
8B8091H Std. .025 .25 .50	<b>Rod - Race Series.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/0.0589	.010/.0004 .067/.0026	19.50/0.768	F781	16	8091H IH
8B8091HX Std.	<b>Rod - Race Series. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>								
		51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.483/0.0584	.035/.0014 .092/.0036	19.50/0.768	F781	16	8091HX IH

## TRIUMPH ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1296cc (1.3).....			L4	70-72	1	2498cc (2.5).....			L6	68-74	2
1493cc (1.5).....			L4	73-74	1	2498cc (2.5).....	(CF)		L6	75-76	2
1493cc (1.5).....	(FP)		L4	75-79	1	3528cc (3.5).....		5	V8	81-82	3
1493cc (1.5).....	(W)		L4	80-80	1	3528cc (3.5).....		V	V8	78-80	3
1998cc (2.0).....			L6	68-73	2						

## TRIUMPH MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
GT6		1998	2.0		68-73	TR250		2498	2.5		68
SPITFIRE		1296	1.3		70-72	TR6		2498	2.5		69-76
		1493	1.5		73-80	TR8		3528	3.5		80-82

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
1296cc (1.3)		L4	73.6mm x 76mm	Connecting Rod 45 ft. lbs	
1493cc (1.5)		L4	73.6mm x 87.6mm	Main Bearing 65 ft.lbs	
1493cc (1.5) (FP)		L4	73.6mm x 87.6mm		
1493cc (1.5) (W)		L4	73.6mm x 87.6mm		

**Rod - Non-Stock Items. Order ex-factory only.**

47.625/1.8750	51.333/2.0210	1.837/0.0723	.021/.0008	17.58/0.692	F820	8	2406AL	4B2406 Std. 10 20 30 40
47.638/1.8755	51.346/2.0215		.063/.0025				IH	

**Main - Non-Stock Items. Order ex-factory only.**

58.699/2.3110	62.408/2.4570	1.839/0.0724	.018/.0007	21.71/0.855	F820	6	2407AL	3M2407 Std. 10 20
58.712/2.3115	62.420/2.4575		.059/.0023				IH	

**Thrust - Non-Stock Items. Order ex-factory only.**

2	65.583/2.5820	77.470/3.0500		2.36/0.093	F820	2	2407T	1T2407 Std.
	65.837/2.5920	77.724/3.0600					IH	

Note : Set includes two pieces, use on No. 2 position. Required with 3M2407 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	2
1998cc (2.0)		L6	74.7mm x 76mm	Connecting Rod 38-42 ft. lbs	
2498cc (2.5)		L6	74.7mm x 95mm	Main Bearing 55-60 ft.lbs	
2498cc (2.5) (CF)		L6	74.7mm x 95mm		

**Rod - Non-Stock Items. Order ex-factory only.**

47.625/1.8750	51.333/2.0210	1.837/0.0723	.021/.0008	17.58/0.692	F820	12	2406AL	6B2406 Std. 10 20
47.638/1.8755	51.346/2.0215		.063/.0025				IH	

**Main - Non-Stock Items. Order ex-factory only.**

1-4	58.699/2.3110	62.408/2.4570	1.839/0.0724	.018/.0007	21.71/0.855	F820	8	2407AL	4M2407 Std. 10 20
	58.712/2.3115	62.420/2.4575		.059/.0023				IH	

**Thrust - Non-Stock Items. Order ex-factory only.**

2	65.583/2.5820	77.470/3.0500		2.36/0.093	F820	2	2407T	1T2407 Std.
	65.837/2.5920	77.724/3.0600					IH	

Note : Set includes two pieces, use on No. 2 position. Required with 4M2407 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	3
3528cc (3.5)		5	88.9mm x 71mm	Connecting Rod 30-45 ft. lbs	
3528cc (3.5)		V	88.9mm x 71mm		

**Rod - High Strength Aluminum Silicon material.**

50.800/2.0000	53.967/2.1247	1.570/0.0618	.014/.0006	18.84/0.742	F810	16	2226A	8B610A Std. 10 20 30 40
50.813/2.0005	53.980/2.1252		.066/.0026				IH	

## VOLKSWAGEN ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1457cc (1.5).....	(EH)		L4	78-80	1	1780cc (1.8).....	(RV)	K	L4	90-92	5
1457cc (1.5).....	(FX)		L4	78-80	1	1780cc (1.8).....	(UM)	A	L4	87-87	6
1471cc (1.5).....	Diesel (CK),Diesel		L4	77-80	1	109 1780cc (1.8)...	(ACC)	B	L4	96-97	10
1471cc (1.5).....	(FC)		L4	75-75	1	1781cc (1.8).....	(AEB), Turbo		L4	98-99	7
1471cc (1.5).....	(FG)		L4	75-75	1	1781cc (1.8).....	(APH), Turbo		L4	99-00	8
1471cc (1.5).....	(XR)		L4	75-75	1	1781cc (1.8).....	(ATW), Turbo		L4	00-01	9
1471cc (1.5).....	(XS)		L4	75-75	1	1781cc (1.8).....	(AUG), Turbo		L4	00-00	9
1471cc (1.5).....	(XV)		L4	74-74	1	1781cc (1.8).....	(AWD), Turbo		L4	00-01	9
1471cc (1.5).....	(XW)		L4	74-74	1	1781cc (1.8).....	(AWM), Turbo		L4	01-05	9
1471cc (1.5).....	(XY)		L4	74-74	1	1781cc (1.8).....	(AWP), Turbo		L4	02-05	9
1471cc (1.5).....	(XZ)		L4	74-74	1	1781cc (1.8).....	(AWV), Turbo		L4	01-04	9
97 1588cc (1.6).....	(CR),Diesel	G	L4	81-83	3	1781cc (1.8).....	(AWW), Turbo		L4	00-04	9
97 1588cc (1.6).....	(CS),Diesel	G	L4	82-85	3	109 1788cc (1.8)...	(ACC)		L4	93-95	10
97 1588cc (1.6).....	(CY), Turbo,Diesel	H	L4	82-84	3	109 1788cc (1.8)...	(ACC)	G	L4	95-95	10
97 1588cc (1.6).....	(EE)		L4	77-77	1	109 1788cc (1.8)...	(ACC)	L	L4	93-93	10
97 1588cc (1.6).....	(EJ)		L4	79-80	1	109 1788cc (1.8)...	(ACC)	N	L4	93-94	10
97 1588cc (1.6).....	(FN)		L4	76-76	1	109 1788cc (1.8)...	(PG), Supercharged	E	L4	93-94	6
97 1588cc (1.6).....	(IV),Diesel	F	L4	92-92	2	116 1896cc (1.9)...	(1Z), Turbo,Diesel	G	L4	96-96	11
97 1588cc (1.6).....	(IV),Diesel	G	L4	91-91	2	116 1896cc (1.9)...	(AAZ),Diesel		L4	93-95	11
97 1588cc (1.6).....	(IV),Diesel	H	L4	91-92	2	116 1896cc (1.9)...	(AAZ), Turbo,Diesel	F	L4	96-96	11
97 1588cc (1.6).....	(JK),Diesel	G	L4	83-84	4	116 1896cc (1.9)...	(AAZ), Turbo,Diesel	J	L4	96-96	11
97 1588cc (1.6).....	(MD), Turbo,Diesel	H	L4	85-85	2	116 1896cc (1.9)...	(AHU), Turbo,Diesel	F	L4	97-98	11
97 1588cc (1.6).....	(ME),Diesel	G	L4	85-92	2	116 1896cc (1.9)...	(AHU), Turbo,Diesel	G	L4	97-97	11
97 1588cc (1.6).....	(ME),Diesel	H	L4	85-92	2	116 1896cc (1.9)...	(AHU), Turbo,Diesel	J	L4	97-97	11
97 1588cc (1.6).....	(MF), Turbo,Diesel	H	L4	85-88	2	116 1896cc (1.9)...	(ALH), Turbo,Diesel		L4	99-04	11
97 1588cc (1.6).....	(YG)		L4	76-80	1	116 1896cc (1.9)...	(ALH), Turbo,Diesel	F	L4	98-98	11
97 1588cc (1.6).....	(YH)		L4	76-80	1	1984cc (2.0).....	(9A)	B	L4	90-94	12
97 1588cc (1.6).....	(YK)		L4	76-76	1	1984cc (2.0).....	(9A)	C	L4	91-93	12
1715cc (1.7).....	(EN)	A	L4	81-84	1	1984cc (2.0).....	(9A)	E	L4	90-92	12
1715cc (1.7).....	(EN)	B	L4	81-84	1	1984cc (2.0).....	(9A)	J	L4	90-92	12
1715cc (1.7).....	(JF)	A	L4	83-84	1	1984cc (2.0).....	(9A)		L4	93-02	12
1715cc (1.7).....	(JF)	B	L4	82-83	1	1984cc (2.0).....	(ABA)		L4	93-99	12
1715cc (1.7).....	(WT)	A	L4	82-83	1	1984cc (2.0).....	(ABA)	A	L4	93-99	12
1780cc (1.8).....	(2H)	B	L4	90-90	5	1984cc (2.0).....	(ABA)	B	L4	93-99	12
1780cc (1.8).....	(ABG)	A	L4	91-93	5	1984cc (2.0).....	(ABA)	C	L4	93-99	12
1780cc (1.8).....	(ABG)	B	L4	91-93	5	1984cc (2.0).....	(ABA)	L	L4	93-96	12
1780cc (1.8).....	(GX)	A	L4	85-87	6	1984cc (2.0).....	(ABA)	R	L4	93-93	12
1780cc (1.8).....	(HT)	B	L4	85-86	6	1984cc (2.0).....	(AEG)		L4	99-01	13
1780cc (1.8).....	(JH)	A	L4	83-89	6	1984cc (2.0).....	(AEG)	B	L4	98-98	13
1780cc (1.8).....	(JH)	B	L4	84-89	6	1984cc (2.0).....	(AVH)		L4	01-05	14
1780cc (1.8).....	(JH)	C	L4	83-87	6	1984cc (2.0).....	(AZG)		L4	01-05	14
1780cc (1.8).....	(JN)	A	L4	84-90	6	1984cc (2.0).....	(BDC)		L4	03-04	14
1780cc (1.8).....	(JN)	B	L4	84-90	6	1984cc (2.0).....	(BEV)		L4	04-06	14
1780cc (1.8).....	(JN)	A	L4	84-90	6	1984cc (2.0).....	(BGD)		L4	04-04	14
1780cc (1.8).....	(MZ)	A	L4	85-86	6	121 1984cc (2.0)...	(BPY), Turbo		L4	06-06	14
1780cc (1.8).....	(PF)	A	L4	88-92	5	2144cc (2.2).....	(KM)	B	L5	84-85	15
1780cc (1.8).....	(PF)	B	L4	87-92	5	2144cc (2.2).....	(WE)	B	L5	83-84	15
1780cc (1.8).....	(PF)	K	L4	90-92	5	2226cc (2.2).....	(JT)	B	L5	86-87	16
1780cc (1.8).....	(PG), Supercharged	B	L4	90-92	6	2226cc (2.2).....	(KX)	B	L5	85-88	16
1780cc (1.8).....	(PG), Supercharged	C	L4	91-92	6	2226cc (2.2).....	(KX)	E	L5	85-86	16
1780cc (1.8).....	(PG), Supercharged	E	L4	91-92	6	150 2459cc (2.5)...	(AAF)	C	L5	92-94	17
1780cc (1.8).....	(PL)	B	L4	87-88	6	150 2459cc (2.5)...	(AAF)	D	L5	93-94	17
1780cc (1.8).....	(PL)	C	L4	87-89	6	150 2459cc (2.5)...	(ACU)	C	L5	95-95	17
1780cc (1.8).....	(RD)	B	L4	85-88	5	150 2459cc (2.5)...	(ACU)	D	L5	95-95	17
1780cc (1.8).....	(RV)	A	L4	88-92	5	150 2459cc (2.5)...	(ACU)	E	L5	95-95	17
1780cc (1.8).....	(RV)	B	L4	88-92	5						

## VOLKSWAGEN MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
BEETLE		1781	1.8		99-04	FOX		1780	1.8		87-93
	116	1896	1.9		98-04	FOX - GL		1780	1.8		87-93
		1984	2.0		98-05	FOX - GL SPORT		1780	1.8		89-90
BEETLE - TURBO S		1781	1.8		02-04	GOLF	97	1588	1.6		85-92
CABRIO		1984	2.0		95-02			1780	1.8		85-89
CABRIO - HIGHLINE		1984	2.0		97			1781	1.8		00-01
CABRIOLET		1780	1.8		85-90		109	1788	1.8		93-95
CORRADO		1780	1.8		90-92		116	1896	1.9		93-04
DASHER		1471	1.5		74-75			1984	2.0		98-05
		1471	1.5	Diesel	79-80	GOLF - CL	109	1780	1.8		96-97
	97	1588	1.6		76-81		109	1788	1.8		93-95
EUROVAN	150	2459	2.5		94-95	GOLF - GL	97	1588	1.6		87-92
EUROVAN - CAMPER	150	2459	2.5		95			1780	1.8		87-92
EUROVAN - CL	150	2459	2.5		92-93		116	1896	1.9		99
EUROVAN - CV	150	2459	2.5		92-94			1984	2.0		93-06
EUROVAN - GL	150	2459	2.5		92-93	GOLF - GLS		1984	2.0		99-06
EUROVAN - GLS	150	2459	2.5		95	GOLF - GT		1780	1.8		87-88
EUROVAN - MV	150	2459	2.5		93	GOLF - GTI		1780	1.8		85-87
EUROVAN - TRANSPORT	150	2459	2.5		95			1781	1.8		00-05



**VOLKSWAGEN MODEL INDEX (Cont'd.)**

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
GOLF - GTI		1984	2.0		93-00	PASSAT - GLS		1984	2.0		95-96
	121	1984	2.0		06	PASSAT - SYNCRO		1780	1.8		92
GOLF - GTI 16-VALVE		1780	1.8		87-89	PASSAT - TDI	116	1896	1.9		96-98
		1984	2.0		90-92	PASSAT - VALUE					
GOLF - GTI 8-VALVE		1780	1.8		90-92	EDITION	121	1984	2.0		06
GOLF - III						QUANTUM	97	1588	1.6		85
CELEBRATION								1780	1.8		85
EDITION		1984	2.0		95			2144	2.2		85
GOLF - III CITY		1984	2.0		95			2226	2.2		85-87
GOLF - III GL		1984	2.0		93-94	QUANTUM - CUSTOM	97	1588	1.6		83
GOLF - III SPORT		1984	2.0		95			1715	1.7		82-83
GOLF - JAZZ		1984	2.0		97			2144	2.2		83
GOLF - K2		1984	2.0		97-98	QUANTUM - DLX	97	1588	1.6		82-83
GOLF - TDI	116	1896	1.9		96-99			1715	1.7		82-83
GOLF - TREK		1984	2.0		97	QUANTUM - GL		2226	2.2		88
JETTA	97	1588	1.6		80-92	QUANTUM - GL					
		1780	1.8		85-92	CUSTOM	97	1588	1.6		84-85
		1781	1.8		03-05			1780	1.8		84-85
	109	1788	1.8		93-95			2144	2.2		84-85
	116	1896	1.9		93-95			2226	2.2		85-87
		1984	2.0		98-05	QUANTUM - GL					
JETTA - CARAT		1780	1.8		88-92	DELUXE		1780	1.8		84
JETTA - CL	109	1788	1.8		94			2144	2.2		84
JETTA - DELUXE	97	1588	1.6		81-86	QUANTUM - SYNCRO		2226	2.2		86-88
		1715	1.7		81-84	RABBIT		1457	1.5		78-80
		1780	1.8		84-86			1471	1.5		75
JETTA - GL	97	1588	1.6		86-92			1471	1.5	Diesel	77-80
		1780	1.8		86-92		97	1588	1.6		76-80
		1781	1.8		03			1715	1.7		81-82
	109	1788	1.8		93			1780	1.8		83-84
		1984	2.0		93-03	RABBIT - GL DLX	97	1588	1.6		83
JETTA - GLI		1780	1.8		85-88			1715	1.7		83
	121	1984	2.0		06	RABBIT - GTI SPORT		1715	1.7		83
JETTA - GLI 16-VALVE		1780	1.8		87-89			1780	1.8		83
		1984	2.0		90-92	RABBIT - L	97	1588	1.6		83-84
JETTA - GLS		1781	1.8		00-04			1715	1.7		83-84
		1984	2.0		96-03	RABBIT - L CUSTOM	97	1588	1.6		81-82
JETTA - GT		1984	2.0		97-98			1715	1.7		82
JETTA - GTX 16-V		1984	2.0		90-92	RABBIT - LS CUSTOM	97	1588	1.6		83
JETTA - III								1715	1.7		83
CELEBRATION						RABBIT - LS DELUXE	97	1588	1.6		81-82
EDITION		1984	2.0		95			1715	1.7		82
JETTA - III CITY		1984	2.0		95	RABBIT					
JETTA - III GL		1984	2.0		93-95	CONVERTIBLE	97	1588	1.6		80
JETTA - III GLS		1984	2.0		93-95			1715	1.7		81-83
JETTA - JAZZ		1984	2.0		97			1780	1.8		84
JETTA - K2		1984	2.0		98	RABBIT PICKUP		1457	1.5		80
JETTA - TDI	116	1896	1.9		96-04		97	1588	1.6		80-83
JETTA - TREK		1984	2.0		96			1715	1.7		81-83
JETTA - TREK II		1984	2.0		97	SCIROCCO		1457	1.5		78
JETTA - WOLFSBURG								1471	1.5		75
EDITION		1984	2.0		96		97	1588	1.6		76-80
PASSAT		1780	1.8		91-92			1780	1.8		88-89
		1781	1.8		99-05	SCIROCCO -					
	109	1788	1.8		93-94	16-VALVE		1780	1.8		87-88
	116	1896	1.9		93-94	SCIROCCO - DLX		1715	1.7		81-83
		1984	2.0		90-94			1780	1.8		83-87
PASSAT - 2.0T	121	1984	2.0		06	TRANSPORTER	150	2459	2.5		92-93
PASSAT - CL		1984	2.0		92	VANAGON	97	1588	1.6		82-85
PASSAT - GL		1984	2.0		90-93	VANAGON -					
PASSAT - GLS		1781	1.8		98	CAMPMOBILE	97	1588	1.6		82-83

# VOLKSWAGEN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1457cc (1.5) (EH)				L4	79.5mm x 73mm	Connecting Rod 33 ft. lbs./45 Nm Main Bearing 47 ft. lbs/64 Nm			
1457cc (1.5) (FX)				L4	79.5mm x 73mm				
1471cc (1.5) Diesel (CK) Diesel				L4	76.5mm x 80mm				
1471cc (1.5) (FC)				L4	76.5mm x 80mm				
1471cc (1.5) (FG)				L4	76.5mm x 80mm				
1471cc (1.5) (XR)				L4	76.5mm x 80mm				
1471cc (1.5) (XS)				L4	76.5mm x 80mm				
1471cc (1.5) (XV)				L4	76.5mm x 80mm				
1471cc (1.5) (XW)				L4	76.5mm x 80mm				
1471cc (1.5) (XY)				L4	76.5mm x 80mm				
1471cc (1.5) (XZ)				L4	76.5mm x 80mm				
97 1588cc (1.6) (EE)				L4	79.5mm x 80mm				
97 1588cc (1.6) (EJ)				L4	79.5mm x 80mm				
97 1588cc (1.6) (FN)				L4	79.5mm x 80mm				
97 1588cc (1.6) (YG)				L4	79.5mm x 80mm				
97 1588cc (1.6) (YH)				L4	79.5mm x 80mm				
97 1588cc (1.6) (YK)				L4	79.5mm x 80mm				
1715cc (1.7) (EN)			A	L4	79.5mm x 86mm				
1715cc (1.7) (EN)			B	L4	79.5mm x 86mm				
1715cc (1.7) (JF)			A	L4	79.5mm x 86mm				
1715cc (1.7) (JF)			B	L4	79.5mm x 86mm				
1715cc (1.7) (WT)			A	L4	79.5mm x 86mm				
<b>4B1636</b> Std. .25 .50 .75 1.0	<b>Rod</b>	45.949/1.8090 45.969/1.8098	49.000/1.9291 49.017/1.9298	1.506/0.0593	.018/.0007 .082/.0032	19.00/0.748	F780	8	1636 IH
<b>5M1643</b> Std. .25 .50 .75 1.0	<b>Main - fully grooved on #4 position and half groove in position #1,2,3,5.</b>								
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
	3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	25.43/1.001	F780	2	1643 U/L
	<i>optional set to 5M1645 with +0.4 mm increase in flange width. *See below for dimensional information.</i>								
	<b>* DIMENSIONAL INFORMATION FOR 5M1643</b>								
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
		0.25 mm u/s shaft		25.43 mm		+0.4 mm			
		0.50 mm u/s shaft		25.43 mm		+0.4 mm			
		0.75 mm u/s shaft		25.43 mm		+0.4 mm			
		1.00 mm u/s shaft		25.43 mm		+0.4 mm			
<b>5M1645</b> Std. .25 .50 .75 1.0	<b>Main - fully grooved on #4 position and half groove in position #1,2,3,5.</b>								
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
	3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	24.93/0.981	F780	2	1645 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>RB4053</b> Semi	<b>Small End - not bored, single pieces.</b>	21.996/0.8660 22.000/0.8661	25.000/0.9843 25.033/0.9855			25.00/0.984	F100	1	RB4053
<b>2BS7006</b> Semi	<b>AR Auxiliary - Not bored (semi finished I.D.)</b>								
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120			15.00/0.591	F23	1	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726			15.00/0.591	F23	1	7007

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.)</b>									

**AR Auxiliary - Bored O.D.**

1	42.959/1.6913 42.974/1.6919	45.999/1.8110 46.025/1.8120	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-1	<b>2C1209S</b> Std.
2	41.958/1.6519 41.974/1.6525	44.999/1.7716 45.024/1.7726	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-2	

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
97 1588cc (1.6) (IV) Diesel	F	L4	76.5mm x 86.4mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg (Turbo)					
97 1588cc (1.6) (IV) Diesel	G	L4	76.5mm x 86.4mm	Connecting Rod 33 ft. lbs/45 Nm (Non-Turbo)					
97 1588cc (1.6) (IV) Diesel	H	L4	76.5mm x 86.4mm	Main Bearing 48 ft. lbs/65 Nm					
97 1588cc (1.6) (MD) Turbo Diesel	H	L4	76.5mm x 86.4mm						
97 1588cc (1.6) (ME) Diesel	G	L4	76.5mm x 86.4mm						
97 1588cc (1.6) (ME) Diesel	H	L4	76.5mm x 86.4mm						
97 1588cc (1.6) (MF) Turbo Diesel	H	L4	76.5mm x 86.4mm						

**Rod - (no oil hole)**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/0.0554	.010/.0004 .075/.0030	19.00/0.748	F780	8	1076 IH	<b>4B1076</b> Std. .25 .50 .75 1.0
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**Main**

1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	5	1648 U	<b>5M1653</b> Std. .25 .50 .75 1.0
1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	5	1644 L	

**Thrust**

	59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L	<b>2T1644</b> Std.
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Note : Set includes four pieces. Required with 5M1653 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS					
97 1588cc (1.6) (CR) Diesel	G	L4	76.5mm x 86.4mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg (Turbo)					
97 1588cc (1.6) (CS) Diesel	G	L4	76.5mm x 86.4mm	Connecting Rod 33 ft. lbs/45 Nm (Non-Turbo)					
97 1588cc (1.6) (CY) Turbo Diesel	H	L4	76.5mm x 86.4mm	Main Bearing 48 ft. lbs/65 Nm					

**Rod - (no oil hole)**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/0.0554	.010/.0004 .075/.0030	19.00/0.748	F780	8	1076 IH	<b>4B1076</b> Std. .25 .50 .75 1.0
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**Main - Fully grooved on #4 position and half groove in position #1,2,3,5.**

1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L	<b>5M1643</b> Std. .25 .50 .75 1.0
1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U	
4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L	
3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	25.43/1.001	F780	2	1643 U/L	

Note : Optional set to 5M1645 with +0.4 mm increase in flange width. \*See below for dimensional information.

**\* DIMENSIONAL INFORMATION FOR 5M1643**

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	25.43 mm	+0.4 mm
0.50 mm u/s shaft	25.43 mm	+0.4 mm
0.75 mm u/s shaft	25.43 mm	+0.4 mm
1.00 mm u/s shaft	25.43 mm	+0.4 mm

# VOLKSWAGEN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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### 3 (Cont'd.)

<b>Main - Fully grooved on #4 position and half groove in position #1,2,3,5.</b>									
<b>5M1645</b> Std. .25 .50 .75 1.0	1,2,5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	3	1644 L
		53.978/2.1251	59.019/2.3236		.083/.0033				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	4	1648 U
		53.978/2.1251	59.019/2.3236		.083/.0033				
	4	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	1	1648 L
		53.978/2.1251	59.019/2.3236		.083/.0033				
	3 (FI)	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	24.93/0.981	F780	2	1645 U/L
		53.978/2.1251	59.019/2.3236		.083/.0033				

*Overflange length remains constant for standard and undersizes.*

### 4 ENGINE

97 1588cc (1.6) (JK) Diesel

VIN G

CYL L4

Bore x Stroke

76.5mm x 86.4mm

TORQUE SETTINGS

Connecting Rod 22 ft. lbs/30 Nm + 90 deg (Turbo)  
Connecting Rod 33 ft. lbs/45 Nm (Non-Turbo)  
Main Bearing 48 ft. lbs/65 Nm

<b>Rod - (no oil hole)</b>									
<b>4B1076</b> Std. .25 .50 .75 1.0		47.758/1.8802	50.600/1.9921	1.406/0.0554	.010/.0004	19.00/0.748	F780	8	1076 IH
		47.778/1.8810	50.619/1.9929		.075/.0030				

<b>Main - Fully grooved on #4 position and half groove in position #1,2,3,5.</b>									
<b>5M1643</b> Std. .25 .50 .75 1.0	1,2,5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	3	1644 L
		53.978/2.1251	59.019/2.3236		.083/.0033				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	4	1648 U
		53.978/2.1251	59.019/2.3236		.083/.0033				
	4	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	1	1648 L
		53.978/2.1251	59.019/2.3236		.083/.0033				
	3 (FI)	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	25.43/1.001	F780	2	1643 U/L
		53.978/2.1251	59.019/2.3236		.083/.0033				

Note : Optional set to 5M1645 with +0.4 mm increase in flange width. \*See below for dimensional information.

#### \* DIMENSIONAL INFORMATION FOR 5M1643

	Overall Width (Nominal)	Increase in Width
0.25 mm u/s shaft	25.43 mm	+0.4 mm
0.50 mm u/s shaft	25.43 mm	+0.4 mm
0.75 mm u/s shaft	25.43 mm	+0.4 mm
1.00 mm u/s shaft	25.43 mm	+0.4 mm

<b>Main - Fully grooved on #4 position and half groove in position #1,2,3,5.</b>									
<b>5M1645</b> Std. .25 .50 .75 1.0	1,2,5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	3	1644 L
		53.978/2.1251	59.019/2.3236		.083/.0033				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	4	1648 U
		53.978/2.1251	59.019/2.3236		.083/.0033				
	4	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	1	1648 L
		53.978/2.1251	59.019/2.3236		.083/.0033				
	3 (FI)	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	24.93/0.981	F780	2	1645 U/L
		53.978/2.1251	59.019/2.3236		.083/.0033				

*Overflange length remains constant for standard and undersizes.*

#### **Main - For engines equipped with thrustwashers - half groove set.**

<b>5M1653</b> Std. .25 .50 .75 1.0	1-5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	5	1648 U
		53.978/2.1251	59.019/2.3236		.083/.0033				
	1-5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	5	1644 L
		53.978/2.1251	59.019/2.3236		.083/.0033				

#### **Thrust**

<b>2T1644</b> Std.		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
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Note : Set includes 4 pieces. Required with 5M1653 main set.

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available	
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>				<b>5</b>
1780cc (1.8) (2H)			B	L4	81mm x 86mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg				
1780cc (1.8) (ABG)			A	L4	81mm x 86mm	Main Bearing 50 ft.lbs/68 Nm				
1780cc (1.8) (ABG)			B	L4	81mm x 86mm					
1780cc (1.8) (PF)			A	L4	81mm x 86mm					
1780cc (1.8) (PF)			B	L4	81mm x 86mm					
1780cc (1.8) (PF)			K	L4	81mm x 86mm					
1780cc (1.8) (RD)			B	L4	81mm x 86mm					
1780cc (1.8) (RV)			A	L4	81mm x 86mm					
1780cc (1.8) (RV)			B	L4	81mm x 86mm					
1780cc (1.8) (RV)			K	L4	81mm x 86mm					
<b>Rod - For engines without oil hole in bearing.</b>										
	47.758/1.8802	50.600/1.9921	1.406/0.0554	.010/.0004	19.00/0.748	F780	8	1076	<b>4B1076</b>	
	47.778/1.8810	50.619/1.9929		.075/.0030				IH	Std. .25 .50 .75 1.0	
<b>Rod - For engines with oil hole in bearing. To be superceded by 4B1606A when stock exhausted.</b>										
	47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F780	8	1606	<b>4B1606</b>	
	47.778/1.8810	50.619/1.9929		.077/.0030				IH	Std. .25 .50 .75 1.0	
<b>Rod - For engines with oil hole in bearing. High Strength Aluminum Silicon material.</b>										
	47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F810	8	1606A	<b>4B1606A</b>	
	47.778/1.8810	50.619/1.9929		.077/.0030				IH	Std. .25 .50 .75 1.0	
<b>Main - Fully grooved on #4 position and half groove in position 1,2,3,5. For engines equipped with thrustwashers.</b>										
1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.50/0.728	F780	4	1644	<b>5M1644</b>	
	53.978/2.1251	59.019/2.3236		.083/.0033				L	Std. .25 .50 .75	
1-5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.50/0.728	F780	6	1648		
	53.978/2.1251	59.019/2.3236		.083/.0033				U		
<b>Main - Half groove set. For engines equipped with thrustwashers.</b>										
1-5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	5	1648	<b>5M1653</b>	
	53.978/2.1251	59.019/2.3236		.083/.0033				U	Std. .25 .50 .75 1.0	
1-5	53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.49/0.728	F780	5	1644		
	53.978/2.1251	59.019/2.3236		.083/.0033				L		
<b>Thrust</b>										
	59.500/2.3425	73.200/2.8819			1.98/0.078	F817	4	1644T	<b>2T1644</b>	
	(ID)	(OD)						U/L	Std.	
<i>Note : Set contains four pieces. Required with 5M1644/5M1653 main sets.</i>										
<b>AR Auxiliary - Not bored (semi finished I.D.)</b>										
1	42.959/1.6913	46.000/1.8110			15.00/0.591	F23	1	7006	<b>2BS7006</b>	
	42.975/1.6919	46.025/1.8120							Semi	
2	41.959/1.6519	45.000/1.7717			15.00/0.591	F23	1	7007		
	41.975/1.6526	45.025/1.7726								
<b>AR Auxiliary - Finished bush (bored I.D.)</b>										
1	42.959/1.6913	45.999/1.8110	1.499/0.0590	.028/.0011	14.99/0.590	F23	1	VWG-1-1	<b>2C1209S</b>	
	42.974/1.6919	46.025/1.8120		.084/.0033					Std.	
2	41.958/1.6519	44.999/1.7716	1.499/0.0590	.028/.0011	14.99/0.590	F23	1	VWG-1-2		
	41.974/1.6525	45.024/1.7726		.084/.0033						

# VOLKSWAGEN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>6 ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1780cc (1.8) (GX)			A	L4	81mm x 86.4mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg			
1780cc (1.8) (HT)			B	L4	81mm x 86.4mm	Main Bearing 50 ft.lbs/68 Nm			
1780cc (1.8) (JH)			A	L4	81mm x 86.4mm				
1780cc (1.8) (JH)			B	L4	81mm x 86.4mm				
1780cc (1.8) (JH)			C	L4	81mm x 86.4mm				
1780cc (1.8) (JN)			A	L4	81mm x 86.4mm				
1780cc (1.8) (JN)			B	L4	81mm x 86.4mm				
1780cc (1.8) (MZ)			A	L4	81mm x 86.4mm				
1780cc (1.8) (PG) Supercharged			B	L4	81mm x 86.4mm				
1780cc (1.8) (PG) Supercharged			C	L4	81mm x 86.4mm				
1780cc (1.8) (PG) Supercharged			E	L4	81mm x 86.4mm				
1780cc (1.8) (PL)			B	L4	81mm x 86.4mm				
1780cc (1.8) (PL)			C	L4	81mm x 86.4mm				
1780cc (1.8) (UM)			A	L4	81mm x 86.4mm				
109 1788cc (1.8) (PG) Supercharged			E	L4	81mm x 86.4mm				

<b>4B1076</b> Std. .25 .50 .75 1.0	<b>Rod - For engines without oil hole in bearing.</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/0.0554 .075/.0030	.010/.0004 .075/.0030	19.00/0.748	F780	8	1076 IH
<b>4B1606</b> Std. .25 .50 .75 1.0	<b>Rod - For engines with oil hole in bearing. To be superceded by 4B1606A when stock exhausted.</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553 .077/.0030	.012/.0005 .077/.0030	19.00/0.748	F780	8	1606 IH
<b>4B1606A</b> Std. .25 .50 .75 1.0	<b>Rod - For engines with oil hole in bearing. High Strength Aluminum Silicon material.</b>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553 .077/.0030	.012/.0005 .077/.0030	19.00/0.748	F810	8	1606A IH
<b>5M1643</b> Std. .25 .50 .75 1.0	<b>Main - Fully grooved on #4 position and half groove in position #1,2,3,5.</b>								
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
	3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	25.43/1.001	F780	2	1643 U/L
	<i>Optional set to 5M1645 with +0.4 mm increase in flange width. *See below for dimensional information.</i>								
<b>* DIMENSIONAL INFORMATION FOR 5M1643</b>									
		<b>Overall Width (Nominal)</b>			<b>Increase in Width</b>				
		0.25 mm u/s shaft			25.43 mm +0.4 mm				
		0.50 mm u/s shaft			25.43 mm +0.4 mm				
		0.75 mm u/s shaft			25.43 mm +0.4 mm				
		1.00 mm u/s shaft			25.43 mm +0.4 mm				
<b>5M1644</b> Std. .25 .50 .75	<b>Main - Fully grooved on #4 position and half groove in position 1,2,3,5. For engines equipped with thrustwashers.</b>								
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	4	1644 L
1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	6	1648 U	
<b>5M1645</b> Std. .25 .50 .75 1.0	<b>Main - Fully grooved on #4 position and half groove in position #1,2,3,5.</b>								
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	3	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	4	1648 U
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	1	1648 L
	3 (FI)	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	24.93/0.981	F780	2	1645 U/L
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>2T1644</b> Std.	<b>Thrust</b>								
		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
<i>Note : Set contains four pieces. Required with 5M1644 main set.</i>									

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 6**
**AR Auxiliary - Not bored (semi finished I.D.)**

1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120			15.00/0.591	F23	1	7006	<b>2BS7006</b> Semi
2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726			15.00/0.591	F23	1	7007	

**AR Auxiliary - Finished bush (bored I.D.)**

1	42.959/1.6913 42.974/1.6919	45.999/1.8110 46.025/1.8120	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-1	<b>2C1209S</b> Std.
2	41.958/1.6519 41.974/1.6525	44.999/1.7716 45.024/1.7726	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-2	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**7**
**1781cc (1.8) (AEB) Turbo**
**L4**
**81mm x 86.4mm**
**Connecting Rod 22 ft.lbs/30 Nm + 90 deg  
Main Bearing 48 ft.lbs/65 Nm + 90 deg**
**Rod - Race Series material.**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F781	8	1606H IH	<b>4B1606H</b> Std. .025 .25 .50
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**Rod - Race Series material. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/0.0548	.037/.0015 .102/.0040	19.00/0.748	F781	8	1606HX IH	<b>4B1606HX</b> Std.
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**Main - Fully grooved on #4 position and half groove in position 1,2,3,5.**

1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	4	1644 L	<b>5M1644</b> Std. .25 .50 .75
1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	6	1648 U	

**Thrust**

	59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L	<b>2T1644</b> Std.
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*Note : Set contains four pieces. Required with 5M1644 main set.*
**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**8**
**1781cc (1.8) (APH) Turbo**
**L4**
**81mm x 86.4mm**
**Connecting Rod 22 ft.lbs/30 Nm + 90 deg  
Main Bearing 48 ft.lbs/65 Nm + 90 deg**
**Rod - Race Series material.**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F781	8	1606H IH	<b>4B1606H</b> Std. .025 .25 .50
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**Rod - Race Series material. Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/0.0548	.037/.0015 .102/.0040	19.00/0.748	F781	8	1606HX IH	<b>4B1606HX</b> Std.
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**Main - Half groove set.**

1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	5	1648 U	<b>5M1653</b> Std. .25 .50 .75 1.0
1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	5	1644 L	

**Thrust**

	59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L	<b>2T1644</b> Std.
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*Note : Set contains four pieces. Required with 5M1653 main set.*

# VOLKSWAGEN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>9 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
1781cc (1.8) (ATW) Turbo			L4	81mm x 86.4mm					
1781cc (1.8) (AUG) Turbo			L4	81mm x 86.4mm					
1781cc (1.8) (AWD) Turbo			L4	81mm x 86.4mm					
1781cc (1.8) (AWM) Turbo			L4	81mm x 86.4mm					
1781cc (1.8) (AWP) Turbo			L4	81mm x 86.4mm					
1781cc (1.8) (AWV) Turbo			L4	81mm x 86.4mm					
1781cc (1.8) (AWW) Turbo			L4	81mm x 86.4mm					
<b>4B1615A</b>									
Std. .25 .50 .75									
<b>Rod - Bearing has no tang.</b>									
		47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	18.50/0.728	F810	8	1615A
		47.778/1.8810	50.619/1.9929		.067/.0026				IH
<b>5M1668A</b>									
Std. .25 .50 .75									
<b>Main - Half groove set.</b>									
1-5		53.963/2.1245	59.000/2.3228	2.508/0.0987	.006/.0002	18.50/0.728	F810	5	1668A
		53.983/2.1253	59.010/2.3232		.061/.0024				U
1-5		53.963/2.1245	59.000/2.3228	2.508/0.0987	.006/.0002	18.50/0.728	F810	5	1669A
		53.983/2.1253	59.010/2.3232		.061/.0024				L
<b>Thrust</b>									
2T1644		59.500/2.3425	73.200/2.8819			1.98/0.078	F817	4	1644T
Std.		(ID)	(OD)						U/L
Note : Set contains four pieces. Required with 5M1668A main set.									
<b>10 ENGINE</b>									
		<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>		<b>TORQUE SETTINGS</b>			
109 1780cc (1.8) (ACC)		B	L4	81mm x 86.4mm					
109 1788cc (1.8) (ACC)			L4	81mm x 86.4mm					
109 1788cc (1.8) (ACC)		G	L4	81mm x 86.4mm					
109 1788cc (1.8) (ACC)		L	L4	81mm x 86.4mm					
109 1788cc (1.8) (ACC)		N	L4	81mm x 86.4mm					
<b>4B1606A</b>									
Std. .25 .50 .75 1.0									
<b>Rod - High Strength Aluminum Silicon material.</b>									
		47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F810	8	1606A
		47.778/1.8810	50.619/1.9929		.077/.0030				IH
<b>5M1644</b>									
Std. .25 .50 .75									
<b>Main - Fully grooved on #4 position and half groove in position 1,2,3,5.</b>									
1,2,3,5		53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.50/0.728	F780	4	1644
		53.978/2.1251	59.019/2.3236		.083/.0033				L
1-5		53.958/2.1243	59.000/2.3228	2.502/0.0985	.018/.0007	18.50/0.728	F780	6	1648
		53.978/2.1251	59.019/2.3236		.083/.0033				U
<b>Thrust</b>									
2T1644		59.500/2.3425	73.200/2.8819			1.98/0.078	F817	4	1644T
Std.		(ID)	(OD)						U/L
Note : Set contains four pieces. Required with 5M1644 main set.									



Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
116 1896cc (1.9) (1Z) Turbo Diesel	G	L4	79.5mm x 95.5mm	<b>Connecting Rod 22 ft.lbs/30 Nm + 90 deg</b>					
116 1896cc (1.9) (AAZ) Diesel	L4	79.5mm x 95.5mm	<b>Main Bearing 48 ft.lbs/65 Nm</b>						
116 1896cc (1.9) (AAZ) Turbo Diesel	F	L4	79.5mm x 95.5mm						
116 1896cc (1.9) (AAZ) Turbo Diesel	J	L4	79.5mm x 95.5mm						
116 1896cc (1.9) (AHU) Turbo Diesel	F	L4	79.5mm x 95.5mm						
116 1896cc (1.9) (AHU) Turbo Diesel	G	L4	79.5mm x 95.5mm						
116 1896cc (1.9) (AHU) Turbo Diesel	J	L4	79.5mm x 95.5mm						
116 1896cc (1.9) (ALH) Turbo Diesel		L4	79.5mm x 95.5mm						
116 1896cc (1.9) (ALH) Turbo Diesel	F	L4	79.5mm x 95.5mm						

**11**
**Main - Half groove set. For engines equipped with thrustwashers.**

1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	5	1648 U	<b>5M1653</b> Std. .25 .50 .75 1.0
1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.49/0.728	F780	5	1644 L	

**Thrust**

	59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L	<b>2T1644</b> Std.
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*Note : Set contains four pieces. Required with 5M1653 main sets.*
**AR Auxiliary - Not bored (semi finished I.D.)**

1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120			15.00/0.591	F23	1	7006	<b>2BS7006</b> Semi
2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726			15.00/0.591	F23	1	7007	

**AR Auxiliary - Finished bush (bored I.D.)**

1	42.959/1.6913 42.974/1.6919	45.999/1.8110 46.025/1.8120	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-1	<b>2C1209S</b> Std.
2	41.958/1.6519 41.974/1.6525	44.999/1.7716 45.024/1.7726	1.499/0.0590	.028/.0011 .084/.0033	14.99/0.590	F23	1	VWG-1-2	

<b>ENGINE</b>			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
1984cc (2.0) (9A)	B	L4	82.5mm x 92.8mm	<b>Connecting Rod 22 ft.lbs/30 Nm + 90 deg</b>					
1984cc (2.0) (9A)	C	L4	82.5mm x 92.8mm	<b>Main Bearing 50 ft.lbs/68 Nm</b>					
1984cc (2.0) (9A)	E	L4	82.5mm x 92.8mm						
1984cc (2.0) (9A)	J	L4	82.5mm x 92.8mm						
1984cc (2.0) (ABA)	L4	82.5mm x 92.8mm							
1984cc (2.0) (ABA)	A	L4	82.5mm x 92.8mm						
1984cc (2.0) (ABA)	B	L4	82.5mm x 92.8mm						
1984cc (2.0) (ABA)	C	L4	82.5mm x 92.8mm						
1984cc (2.0) (ABA)	L	L4	82.5mm x 92.8mm						
1984cc (2.0) (ABA)	R	L4	82.5mm x 92.8mm						

**12**
**Rod - To be superceded by 4B1606A when stock exhausted.**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F780	8	1606 IH	<b>4B1606</b> Std. .25 .50 .75 1.0
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**Rod - High Strength Aluminum Silicon material.**

	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/0.0553	.012/.0005 .077/.0030	19.00/0.748	F810	8	1606A IH	<b>4B1606A</b> Std. .25 .50 .75 1.0
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**Main - Fully grooved on #4 position and half groove in position #1,2,3,5.**

1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	4	1644 L	<b>5M1644</b> Std. .25 .50 .75
1-5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/0.0985	.018/.0007 .083/.0033	18.50/0.728	F780	6	1648 U	

# VOLKSWAGEN



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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## 12 (Cont'd.)

2T1644 Std.	<b>Thrust</b>								
		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
<i>Note : Set includes four pieces. Required with 5M1644 main set.</i>									
2BS7006 Semi	<b>AR Auxiliary - Not bored (semi finished I.D.)</b>								
	1	42.959/1.6913	46.000/1.8110			15.00/0.591	F23	1	7006
		42.975/1.6919	46.025/1.8120						
	2	41.959/1.6519	45.000/1.7717			15.00/0.591	F23	1	7007
		41.975/1.6526	45.025/1.7726						
2C1209S Std.	<b>AR Auxiliary - Finished bush (bored I.D.)</b>								
	1	42.959/1.6913	45.999/1.8110	1.499/0.0590	.028/.0011	14.99/0.590	F23	1	VWG-1-1
		42.974/1.6919	46.025/1.8120		.084/.0033				
	2	41.958/1.6519	44.999/1.7716	1.499/0.0590	.028/.0011	14.99/0.590	F23	1	VWG-1-2
		41.974/1.6525	45.024/1.7726		.084/.0033				

## 13 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1984cc (2.0) (AEG)		L4	82.5mm x 92.8mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg
1984cc (2.0) (AEG)	B	L4	82.5mm x 92.8mm	Main Bearing 48 ft.lbs/65 Nm + 90 deg

4B1606A Std. .25 .50 .75 1.0	<b>Rod - (oil hole in bearing)</b>								
		47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F810	8	1606A IH
		47.778/1.8810	50.619/1.9929		.077/.0030				
5M1668A Std. .25 .50 .75	<b>Main - Half groove set.</b>								
	1-5	53.963/2.1245	59.000/2.3228	2.508/0.0987	.006/.0002	18.50/0.728	F810	5	1668A U
		53.983/2.1253	59.010/2.3232		.061/.0024				
	1-5	53.963/2.1245	59.000/2.3228	2.508/0.0987	.006/.0002	18.50/0.728	F810	5	1669A L
		53.983/2.1253	59.010/2.3232		.061/.0024				
2T1644 Std.	<b>Thrust</b>								
		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
<i>Note : Set includes four pieces. Required with 5M1668A main set.</i>									

## 14 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1984cc (2.0) (AVH)		L4	82.5mm x 92.8mm	
1984cc (2.0) (AZG)		L4	82.5mm x 92.8mm	
1984cc (2.0) (BDC)		L4	82.5mm x 92.8mm	
1984cc (2.0) (BEV)		L4	82.5mm x 92.8mm	
1984cc (2.0) (BGD)		L4	82.5mm x 92.8mm	
121 1984cc (2.0) (BPY) Turbo		L4	82.5mm x 92.8mm	

4B1615A Std. .25 .50 .75	<b>Rod - Bearing has no tang.</b>								
		47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	18.50/0.728	F810	8	1615A IH
		47.778/1.8810	50.619/1.9929		.067/.0026				
5M1668A Std. .25 .50 .75	<b>Main - Half groove set.</b>								
	1-5	53.963/2.1245	59.000/2.3228	2.508/0.0987	.006/.0002	18.50/0.728	F810	5	1668A U
		53.983/2.1253	59.010/2.3232		.061/.0024				
	1-5	53.963/2.1245	59.000/2.3228	2.508/0.0987	.006/.0002	18.50/0.728	F810	5	1669A L
		53.983/2.1253	59.010/2.3232		.061/.0024				
2T1644 Std.	<b>Thrust - Excludes BPY engines.</b>								
		59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L
<i>Note : Set contains four pieces. Required with 5M1668A main set.</i>									

## 15 ENGINE

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
2144cc (2.2) (KM)	B	L5	79.5mm x 86.4mm	Connecting Rod 36 ft.lbs/50 Nm
2144cc (2.2) (WE)	B	L5	79.5mm x 86.4mm	Main Bearing 47 ft.lbs/64 Nm

5B1606A Std. .25 .50 .75 1.0	<b>Rod - for 1984-85 engines only (with oil hole).</b>								
		47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F810	10	1606A IH
		47.778/1.8810	50.619/1.9929		.077/.0030				

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
<b>(Cont'd.) 15</b>									

**Rod - for 1983 engines only.**

45.949/1.8090	49.000/1.9291	1.506/0.0593	.019/.0007	19.00/0.748	F780	10	1636	5B1636 Std. .25 .50 .75 1.0
45.969/1.8098	49.017/1.9298		.082/.0032				IH	

**Main**

1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	10	1604 U/L	6M1605 Std. .25 .50 .75
3 (FI)	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	24.93/0.982	F780	2	1605 U/L	

**Small End - not bored, single pieces.**

21.996/0.8660 22.000/0.8661	25.000/0.9843 25.033/0.9855			25.00/0.984	F100	1	RB4053	RB4053 Semi
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
2226cc (2.2) (JT)	B	L5	81mm x 86.4mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg Main Bearing 47 ft.lbs/64 Nm
2226cc (2.2) (KX)	B	L5	81mm x 86.4mm	
2226cc (2.2) (KX)	E	L5	81mm x 86.4mm	

**Rod**

47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F810	10	1606A	5B1606A Std. .25 .50 .75 1.0
47.778/1.8810	50.619/1.9929		.077/.0030				IH	

**Main - Half groove set.**

1-6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	12	1604 U/L	6M1604 Std. .25 .50 .75
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**Thrust**

59.500/2.3425 (ID)	73.200/2.8819 (OD)			1.98/0.078	F817	4	1644T U/L	2T1644 Std.
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Note : Set includes four pieces. Required with 6M1604 main set.

ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
150 2459cc (2.5) (AAF)	C	L5	81mm x 95.5mm	Connecting Rod 22 ft.lbs/30 Nm + 90 deg Main Bearing 50 ft.lbs/68 Nm
150 2459cc (2.5) (AAF)	D	L5	81mm x 95.5mm	
150 2459cc (2.5) (ACU)	C	L5	81mm x 95.5mm	
150 2459cc (2.5) (ACU)	D	L5	81mm x 95.5mm	
150 2459cc (2.5) (ACU)	E	L5	81mm x 95.5mm	

**Rod - oil hole in crown of bearing.**

47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F810	10	1606A	5B1606A Std. .25 .50 .75 1.0
47.778/1.8810	50.619/1.9929		.077/.0030				IH	

**Main - Requires thrustwasher set.**

1-6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/0.0985	.022/.0009 .087/.0034	18.50/0.728	F780	12	1604 U/L	6M1604 Std. .25 .50 .75
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# VOLKSWAGEN PERFORMANCE



## VOLKSWAGEN PERFORMANCE ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
1780cc (1.8).....			L4	83-97	1	1984cc (2.0).....			L4	90-01	1
1781cc (1.8).....	Turbo		L4	98-06	1						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
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<b>1</b> ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS
1780cc (1.8)		L4	81mm x 86.4mm	
1781cc (1.8) Turbo		L4	81mm x 86.4mm	
1984cc (2.0)		L4	82.5mm x 92.8mm	

4B1606H Std. .025 .25 .50	<b>Rod - Bearing has oil hole.</b>									
	47.758/1.8802	50.600/1.9921	1.405/0.0553	.012/.0005	19.00/0.748	F781	8	1606H	IH	
4B1606HX Std.	<b>Rod - Bearings are .0005" thinner per half to give .001" extra clearance on standard sized crankshafts.</b>									
	47.758/1.8802	50.600/1.9921	1.392/0.0548	.037/.0015	19.00/0.748	F781	8	1606HX	IH	

## VOLVO ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
112 1780cc (1.8)...	OHV	B18	L4	62-67	1	2316cc (2.3).....	SOHC (B230FD)	8	L4	94-95	3
112 1780cc (1.8)...	OHV (B18)		L4	68-68	1	2316cc (2.3).....	SOHC (B230FT), Turbo	8	L4	85-95	3
1990cc (2.0).....	OHV (B20B)		L4	69-71	1	2316cc (2.3).....	DOHC (B234F)	8	L4	90-93	3
1990cc (2.0).....	OHV (B20E)		L4	70-75	1	2316cc (2.3).....	OHC (B23F)	8	L4	83-84	2
2127cc (2.1).....	OHC (B21F)	4	L4	80-82	2	2316cc (2.3).....	OHC (B23FT), Turbo	8	L4	84-84	2
2127cc (2.1).....	OHC (B21F)	41	L4	76-79	2	2980cc (3.0).....	OHV (B30A)		L6	68-71	4
2127cc (2.1).....	OHC (B21FT), Turbo	4	L4	81-85	2	2980cc (3.0).....	OHV (B30E)		L6	72-75	4
2316cc (2.3).....	SOHC (B230F)	8	L4	85-93	3						

## VOLVO MODEL INDEX

Model	CID	cc	Liter	Description	Years	Model	CID	cc	Liter	Description	Years
122 - S	112	1780	1.8	OHV	62-68	244 - GL	1990	2.0	OHV		75
142		1990	2.0	OHV	70-74		2127	2.1	OHC		82
142 - E		1990	2.0	OHV	71-72		2316	2.3	OHC		84
142 - GL		1990	2.0	OHV	74		2316	2.3	SOHC		85-89
142 - S	112	1780	1.8	OHV	68	244 - GLT	2127	2.1	OHC		82-84
		1990	2.0	OHV	69	245	1990	2.0	OHV		75
144		1990	2.0	OHV	70-74		2127	2.1	OHC		76-85
144 - GL		1990	2.0	OHV	74		2316	2.3	OHC		84
144 - S	112	1780	1.8	OHV	67-68		2316	2.3	SOHC		85
		1990	2.0	OHV	69	245 - DL	2127	2.1	OHC		80-82
145		1990	2.0	OHV	70-74		2316	2.3	OHC		83
145 - S	112	1780	1.8	OHV	68		2316	2.3	SOHC		86-89
		1990	2.0	OHV	69	245 - GL	2127	2.1	OHC		82
164		2980	3.0	OHV	70-75		2316	2.3	OHC		83
164 - E		2980	3.0	OHV	73-74		2316	2.3	SOHC		86-89
1800 - E		1990	2.0	OHV	70-72	245 - GLT	2127	2.1	OHC		81-84
1800 - ES		1990	2.0	OHV	72-73	264 - GL	2127	2.1	OHC		80
1800 - S	112	1780	1.8	OHV	68	264 - GLE	2127	2.1	OHC		80
		1990	2.0	OHV	69	740	2316	2.3	SOHC		85-92
240		2316	2.3	SOHC	90-93	740 - GL	2316	2.3	SOHC		89-90
240 - DL		2316	2.3	SOHC	90	740 - GLE	2316	2.3	DOHC		90
240 - GL		2316	2.3	SOHC	92		2316	2.3	SOHC		85-89
240 - SE		2316	2.3	SOHC	91	740 - SE	2316	2.3	SOHC		91
242		2127	2.1	OHC	76-79	745 - GLE	2316	2.3	SOHC		85
242 - DL		2127	2.1	OHC	80-82	760	2316	2.3	SOHC		85-90
		2316	2.3	OHC	83-84	760 - GLE	2316	2.3	OHC		84
242 - GL		1990	2.0	OHV	75		2316	2.3	SOHC		85-88
		2127	2.1	OHC	81	780	2316	2.3	SOHC		89-91
242 - GLT		2127	2.1	OHC	81-84	940	2316	2.3	DOHC		93
242 - TURBO		2127	2.1	OHC	81		2316	2.3	SOHC		91-95
244		2127	2.1	OHC	76-78	940 - GL	2316	2.3	DOHC		92
244 - DL		2127	2.1	OHC	79-82	940 - GLE	2316	2.3	SOHC		91
		2316	2.3	OHC	83-84	940 - SE	2316	2.3	SOHC		91
		2316	2.3	SOHC	85-89						

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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ENGINE	VIN	CYL	Bore x Stroke	TORQUE SETTINGS	1
112 1780cc (1.8) OHV	B18	L4	84.1mm x 80mm	Connecting Rod 38-42 ft.lbs/52-57 Nm	
112 1780cc (1.8) OHV (B18)		L4	84.1mm x 80mm	Main Bearing 87-94 ft.lbs/118-127 Nm	
1990cc (2.0) OHV (B20B)		L4	88.9mm x 80mm		
1990cc (2.0) OHV (B20E)		L4	88.9mm x 80mm		

### Rod - for 1973-75 engines only.

53.988/2.1255	58.000/2.2835	1.986/0.0782	.028/.0011	24.13/0.950	F780	8	2740
54.000/2.1260	58.014/2.2840		.080/.0031				IH

**4B2740**  
Std. 10 20 30 40

### Rod - for 1962-72 engines only.

54.089/2.1295	57.823/2.2765	1.842/0.0725	.037/.0015	26.97/1.062	F780	8	2741
54.102/2.1300	57.836/2.2770		.089/.0035				IH

**4B2741**  
Std. 10 20 30 40

### Main

1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/0.0783	.030/.0012	28.19/1.110	F780	8	2742
	63.454/2.4982	67.488/2.6570		.094/.0037				IH
5 (FI)	63.442/2.4977	67.462/2.6560	1.989/0.0783	.030/.0012	38.91/1.532	F780	2	2743
	63.454/2.4982	67.488/2.6570		.094/.0037				IH

**5M2742**  
Std. 10 20 30 40

Overflange length remains constant for standard and undersizes.

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 (Cont'd.)</b>									
<b>3C7936</b> Std.	<b>Cam</b>								
	1	46.977/1.8495 46.990/1.8500	49.911/1.9650 49.936/1.9660	1.454/0.0572	.013/.0005 .121/.0048	27.18/1.070	F23	1	7936
	2	42.977/1.6920 43.002/1.6930	45.911/1.8075 45.936/1.8085	1.448/0.0570	.013/.0005 .115/.0045	26.42/1.040	F23	1	7937
	3	36.975/1.4557 37.000/1.4567	39.929/1.5720 39.954/1.5730	1.458/0.0574	.013/.0005 .121/.0048	27.94/1.100	F23	1	7938
	<b>Balance Shaft</b>								
	1		49.924/1.9655	1.448/0.0570		26.92/1.060	F23	1	VO-2-1
<b>3C6007</b> Std.	2		45.925/1.8081	1.448/0.0570		26.03/1.025	F23	1	VO-2-2
	3		39.939/1.5724	1.455/0.0573		27.94/1.100	F23	1	VO-2-3
	<b>Small End - for 24mm pin only. Not bored, single pieces.</b>								
<b>RB4071</b> Semi		23.996/0.9447 24.000/0.9449	27.000/1.0630 27.025/1.0640			29.30/1.154	F100	1	RB4071
<b>2 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>2127cc (2.1) OHC (B21F)</b>		<b>4</b>	<b>L4</b>	<b>92mm x 80mm</b>	<b>Connecting Rod 43-48 ft.lbs/58-65 Nm</b>				
<b>2127cc (2.1) OHC (B21F)</b>		<b>41</b>	<b>L4</b>	<b>92mm x 80mm</b>	<b>Main Bearing 85-91 ft.lbs/115-124 Nm</b>				
<b>2127cc (2.1) OHC (B21FT) Turbo</b>		<b>4</b>	<b>L4</b>	<b>92mm x 80mm</b>					
<b>2316cc (2.3) OHC (B23F)</b>		<b>8</b>	<b>L4</b>	<b>96mm x 80mm</b>					
<b>2316cc (2.3) OHC (B23FT) Turbo</b>		<b>8</b>	<b>L4</b>	<b>96mm x 80mm</b>					
<b>4B2740</b> Std. 10 20 30 40	<b>Rod</b>								
		53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840	1.986/0.0782	.028/.0011 .080/.0031	24.13/0.950	F780	8	2740 IH
	<b>Main</b>								
	1,2,3,4	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/0.0783	.030/.0012 .094/.0037	28.19/1.110	F780	8	2742 IH
	5 (FI)	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/0.0783	.030/.0012 .094/.0037	38.91/1.532	F780	2	2743 IH
	<i>Overflange length remains constant for standard and undersizes.</i>								
<b>3C7936</b> Std.	<b>Cam - for 2127cc engines only.</b>								
	1	46.977/1.8495 46.990/1.8500	49.911/1.9650 49.936/1.9660	1.454/0.0572	.013/.0005 .121/.0048	27.18/1.070	F23	1	7936
	2	42.977/1.6920 43.002/1.6930	45.911/1.8075 45.936/1.8085	1.448/0.0570	.013/.0005 .115/.0045	26.42/1.040	F23	1	7937
	3	36.975/1.4557 37.000/1.4567	39.929/1.5720 39.954/1.5730	1.458/0.0574	.013/.0005 .121/.0048	27.94/1.100	F23	1	7938
	<b>Balance Shaft</b>								
	1		49.924/1.9655	1.448/0.0570		26.92/1.060	F23	1	VO-2-1
<b>3C6007</b> Std.	2		45.925/1.8081	1.448/0.0570		26.03/1.025	F23	1	VO-2-2
	3		39.939/1.5724	1.455/0.0573		27.94/1.100	F23	1	VO-2-3
	<b>Small End - for 24mm pin only. Not bored, single pieces.</b>								
<b>RB4071</b> Semi		23.996/0.9447 24.000/0.9449	27.000/1.0630 27.025/1.0640			29.30/1.154	F100	1	RB4071
<b>3 ENGINE VIN CYL Bore x Stroke TORQUE SETTINGS</b>									
<b>2316cc (2.3) SOHC (B230F)</b>		<b>8</b>	<b>L4</b>	<b>96mm x 80mm</b>	<b>Connecting Rod 15 ft.lbs/20 Nm + 90 deg</b>				
<b>2316cc (2.3) SOHC (B230FD)</b>		<b>8</b>	<b>L4</b>	<b>96mm x 80mm</b>	<b>Main Bearing 80 ft.lbs/110 Nm</b>				
<b>2316cc (2.3) SOHC (B230FT) Turbo</b>		<b>8</b>	<b>L4</b>	<b>96mm x 80mm</b>					
<b>2316cc (2.3) DOHC (B234F)</b>		<b>8</b>	<b>L4</b>	<b>96mm x 80mm</b>					
<b>4B2726</b> Std. .25 .50 .75	<b>Rod</b>								
		48.984/1.9285 49.004/1.9293	51.999/2.0472 52.014/2.0478	1.491/0.0587	.013/.0005 .074/.0029	24.00/0.945	F780	8	2726 IH

Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.	Engine Set No. Sizes Available
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**(Cont'd.) 3**
**Main - for engines 1988-95 only.**

1-4	62.897/2.4763 63.000/2.4803	67.000/2.6378 67.019/2.6385	1.996/0.0786	.008/.0003 .055/.0022	20.80/0.819	F820	8	2727AL U/L	<b>5M2727</b> Std. .25 .50
5 (FI)	62.897/2.4763 63.000/2.4803	67.000/2.6378 67.018/2.6385	1.996/0.0786	.008/.0003 .055/.0022	35.38/1.393	F820	2	2728AL U/L	

*Overflange length remains constant for standard and undersizes.*
**Main - for engines 1985-87 only (engines using thrustwashers).**

1-5	54.986/2.1648 55.000/2.1654	58.999/2.3228 59.019/2.3236	1.990/0.0783	.018/.0007 .069/.0027	20.80/0.819	F820	10	2729AL U/L	<b>5M2729</b> Std. .25 .50 .75
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**Thrust**

3	61.250/2.4114 61.500/2.4213	75.500/2.9724 76.000/2.9921			2.01/0.079		2	MB3353W	<b>1T2729</b> Std.
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*Note : Set includes two pieces, use on No. 3 position. Required with 5M2729 main set.*
**Balance Shaft**

1		49.924/1.9655	1.448/0.0570		26.92/1.060	F23	1	VO-2-1	<b>3C6007</b> Std.
2		45.925/1.8081	1.448/0.0570		26.03/1.025	F23	1	VO-2-2	
3		39.939/1.5724	1.455/0.0573		27.94/1.100	F23	1	VO-2-3	

**ENGINE**
**VIN CYL Bore x Stroke**
**TORQUE SETTINGS**
**2980cc (3.0) OHV (B30A)  
2980cc (3.0) OHV (B30E)**
**L6 88.9mm x 80mm  
L6 88.9mm x 80mm**
**Connecting Rod 38-42 ft.lbs/52-57 Nm (1968-72 engines)  
Connecting Rod 51-57 ft.lbs/69-77 Nm (1973-75 engines)  
Main Bearing 87-94 ft.lbs/118-127 Nm**
**4**
**Rod - for 1973-75 engines only.**

	53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840	1.986/0.0782	.028/.0011 .080/.0031	24.13/0.950	F780	12	2740 IH	<b>6B2740</b> Std. 10 20
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**Rod - for 1968-72 engines only.**

	54.089/2.1295 54.102/2.1300	57.823/2.2765 57.836/2.2770	1.842/0.0725	.037/.0015 .089/.0035	26.97/1.062	F780	12	2741 IH	<b>6B2741</b> Std. 10 20
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**Main**

1-6	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/0.0783	.030/.0012 .094/.0037	28.19/1.110	F780	12	2742 IH	<b>7M2742</b> Std. 10 20
7 (FI)	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/0.0783	.030/.0012 .094/.0037	38.91/1.532	F780	2	2743 IH	

*Overflange length remains constant for standard and undersizes.*
**Cam**

1-4	46.977/1.8495 46.990/1.8500	49.911/1.9650 49.936/1.9660	1.454/0.0572	.013/.0005 .121/.0048	27.18/1.070	F23	4	7936	<b>4C7936</b> Std.
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**Small End - for B30E engine with 24mm pin only. Not bored, single pieces.**

	23.996/0.9447 24.000/0.9449	27.000/1.0630 27.025/1.0640			29.30/1.154	F100	1	RB4071	<b>RB4071</b> Semi
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## WISCONSIN ENGINE INDEX

Engine Disp.	Notation	VIN	Cyl.	Year	Line	Engine Disp.	Notation	VIN	Cyl.	Year	Line
46 (0.8) .....	(TE)		2		1	92 (1.5) .....	(VE41)		V4		3
46 (0.8) .....	(TED)		2		1	92 (1.5) .....	(VE4D)		V4		3
54 (0.9) .....	(TF)		2		1	108 (1.8) .....	(VF4)		V4		3
54 (0.9) .....	(TFD)		2		1	108 (1.8) .....	(VF41)		V4		3
54 (0.9) .....	(TH)		2		1	108 (1.8) .....	(VF4D)		V4		3
54 (0.9) .....	(THD)		2		1	108 (1.8) .....	(VH4)		V4		4
54 (0.9) .....	(TJ)		2		2	108 (1.8) .....	(VH4D)		V4		4
54 (0.9) .....	(TJD)		2		2	108 (1.8) .....	(VH4DM)		V4		4
92 (1.5) .....	(VE4)		V4		3						

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Vertical Oil Clearance	Max. Overall Length	Material Code	Qty. Set	Bearing Shell No.
<b>1 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				2	3.00 x 3.25	Connecting Rod 24 ft.lbs			
				2	3.00 x 3.25	Main Bearing 30 ft.lbs			
				2	3.25 x 3.25				
				2	3.25 x 3.25				
				2	3.25 x 3.25				
				2	3.25 x 3.25				
<b>Rod</b>									
<b>2B3030</b>		44.450/1.7500	47.612/1.8745	1.557/0.0613	.023/.0009	21.95/0.864	F780	4	3030
Std. 10 20 30 40		44.475/1.7510	47.625/1.8750		.087/.0034				IH
<b>2 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				2	3.25 x 3.25	Connecting Rod 24 ft.lbs			
				2	3.25 x 3.25	Main Bearing 30 ft.lbs			
<b>Rod</b>									
<b>2B3031</b>		47.625/1.8750	50.787/1.9995	1.557/0.0613	.023/.0009	21.95/0.864	F780	4	3031
Std. 10 20 30 40		47.650/1.8760	50.805/2.0002		.092/.0036				IH
<b>3 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				V4	3.00 x 3.25	Connecting Rod 24 ft.lbs			
				V4	3.00 x 3.25	Main Bearing 30 ft.lbs			
				V4	3.00 x 3.25				
				V4	3.25 x 3.25				
				V4	3.25 x 3.25				
				V4	3.25 x 3.25				
<b>Rod - Two sets required per engine.</b>									
<b>2B3030</b>		44.450/1.7500	47.612/1.8745	1.557/0.0613	.023/.0009	21.95/0.864	F780	4	3030
Std. 10 20 30 40		44.475/1.7510	47.625/1.8750		.087/.0034				IH
<b>4 ENGINE</b>									
			<b>VIN</b>	<b>CYL</b>	<b>Bore x Stroke</b>	<b>TORQUE SETTINGS</b>			
				V4	3.25 x 3.25	Connecting Rod 24 ft.lbs			
				V4	3.25 x 3.25	Main Bearing 30 ft.lbs			
				V4	3.25 x 3.25				
<b>Rod - Two sets required per engine.</b>									
<b>2B3031</b>		47.625/1.8750	50.787/1.9995	1.557/0.0613	.023/.0009	21.95/0.864	F780	4	3031
Std. 10 20 30 40		47.650/1.8760	50.805/2.0002		.092/.0036				IH



# INTERCHANGE

**AE Clevite to ACL**

AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #
<b>All-Round Auxiliary Shaft Bearing</b>		<b>Camshaft Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>	
SH1094S	1C1094S	SH1457S	3C8127	CB1018P(6)	6B1506	CB1385P(6)	6B1385P
SH1095S	2C1095S	SH1462S	5C8083	CB1044P(3)	3B2006	CB1387P(6)	6B1387P
SH1209S	2BS7006	SH1463S	3C8084	CB1044P(4)	4B2006	CB1388P(4)	4B1388P
SH1209S	2C1209S	SH1470S	5C1470S	CB1044P(6)	6B2006	CB1401AL(3)	3B8336
SH1780S	4C6001S	SH1475S	8C7696	CB1053P	1B2580	CB1401AL(4)	4B8336
<b>Balance Shaft Bushing</b>		SH1481S	5C8217	CB1078P(4)	4B1426	CB1403AL(4)	4B8370
SH1326S	2C026S	SH1485S	5C8205	CB1093P(4)	4B1320	CB1405AL(3)	3B8010
SH1403(2)	2BS1403S	SH1763S	5C1763S	CB1095P(2)	2B1886	CB1406AL(4)	4B8360
SH1429S	3BS8288	SH1766S	5C1766S	CB1110P(4)	4B1626	CB1407AL(4)	4B8281
SH1429S	3BS8369	SH1789S	4C048AS	CB1119P(4)	4B1141	CB1408P(4)	4B1408P
SH1453S	2BS8453	SH1796S	5C3346C	CB1120P(4)	4B1146	CB1408P(4)	4B2322A
SH1465S	3BS8385	SH1812S	4C1812S	CB1137P(4)	4B2740	CB1410P(6)	6B1410P
SH1467S	3BS8387	SH1814S	5C1000S	CB1137P(6)	6B2740	CB1411P(6)	6B1140
SH1469S	3BS8389	SH1995S	5C1001S	CB1171P(4)	4B1490	CB1413P(6)	6B1413P
SH1526S	2BS1445S	SH209S	4C209S	CB1171P(6)	6B1490	CB1426P(4)	4B1606
SH1793S	6BS8033	SH21S	3C021S	CB1175AL(4)	4B1175P	CB1426P(5)	5B1606
SH1798S	1BS1400S	SH23S	3C023S	CB1175P(4)	4B2322A	CB1435P(6)	6B1435P
SH2002S	1BS2002S	SH287S	5C287S	CB1178P(4)	4B1076	CB1437P(6)	6B1170
<b>Cam Tower Repair Insert</b>		SH290S	5C290S	CB1190P(4)	4B1110	CB1438AL(4)	4B8371
SH1818S	6C1300S	SH291S	5C291S	CB1214AL(6)	6B1214AL	CB1439P(4)	4B8366
<b>Camshaft Set</b>		SH292S	5C292S	CB1216AL(4)	4B1216P	CB1440P(6)	6B7986
SH1030S	3C1030S	SH361S	5C361S	CB1217P(4)	4B8291	CB1441P(4)	4B1750
SH1060S	4C7979	SH369S	5C369S	CB1218P(4)	4B1701	CB1442H	1B1442H
SH1065S	5C7969	SH383S	4C383S	CB1219G(6)	6B7971	CB1442HX	1B1442HX
SH1066S	3C8276	SH399S	4C399S	CB1220P(4)	4B1136	CB1442P(10)	10B1442P
SH1092S	5C1092S	SH400S	3C400S	CB1222P(4)	4B1950	CB1442P(8)	8B1442P
SH1111S	5C1111S	SH426S	5C426S	CB1223P(4)	4B1951	CB1443P(6)	6B1443P
SH1112S	5C1112S	SH481S	3C4306	CB1227P(6)	6B1227P	CB1447P	1B2550
SH1114S	4C1114S	SH506S	4C506S	CB1228P	1B1228P	CB1448P	1B2540
SH1115S	4C1115S	SH507S	3C6546	CB1228P(6)	6B1228P	CB1449P(4)	4B1881
SH1190S	3C6127	SH510S	5C510S	CB1230P(8)	8B1230P	CB1450P(4)	4B1890
SH1197S	4C1197S	SH530S	5C530S	CB1238A(6)	6B1238A	CB1451AL(4)	4B1451AL
SH1248S	3C8074	SH533S	4C533S	CB1238P	1B1238P	CB1452AL(3)	3B8341
SH1251S	4C1251S	SH534S	4C534S	CB1238P(6)	6B1238P	CB1452AL(4)	4B8341
SH1254S	4C1254S	SH549S	4C549S	CB1240P(4)	4B1786	CB1453AL(4)	4B8351
SH1305S	3C1305S	SH567S	4C567S	CB1246P(4)	4B2776	CB1455AL(4)	4B8140
SH1321S	5C1321S	SH56S	3C056S	CB1250AL(4)	4B1756	CB1456P(4)	4B1936
SH1334S	4C048S	SH615S	5C615S	CB1269P	1B1269P	CB1457P(6)	6B1935
SH1349	1C3349C	SH616S	5C616S	CB1269P(4)	4B1269P	CB1458P(4)	4B1930
SH1349S	5C3349C	SH671S	5C671S	CB1270P(4)	4B1686	CB1459P(4)	4B1955
SH1350S	4C1089S	SH69S	1C069S	CB1276P(4)	4B1276P	CB1460P(4)	4B1460P
SH1351	1C3346C	SH703S	4C703S	CB1278AL(4)	4B1736	CB1461P(4)	4B1956
SH1351S	4C1351S	SH710S	5C710S	CB1279AL(4)	4B8331	CB1463P(4)	4B2966
SH1352S	5C004AS	SH711S	3C711S	CB1280P(6)	6B1160	CB1464AL(4)	4B8280
SH1354S	5C638S	SH716S	5C716S	CB1283P(6)	6B1283P	CB1465P(6)	6B2991
SH1355S	5C1088S	SH718S	4C718S	CB1286P(8)	8B1286P	CB1467AL(4)	4B8290
SH1356S	4C1247S	SH720S	4C8066	CB1287P(4)	4B1630	CB1469P(3)	3B1469P
SH1361S	5C680S	SH725S	5C8186	CB1287P(6)	6B1630	CB1470AL(6)	6B1470AL
SH1364S	4C1102S	SH730S	4C8076	CB1288P(8)	8B1288P	CB1471AL(4)	4B1101
SH1365S	5C1195S	SH733S	3C733S	CB1302P(4)	4B2726	CB1472AL(4)	4B1720
SH1366S	5C1199S	SH764S	3C4018	CB1325AL(4)	4B1726	CB1474P(4)	4B1780
SH1371S	5C1300S	SH767S	5C4146	CB1327P(8)	8B1327P	CB1475AL(4)	4B8375
SH1385S	4C1031S	SH772S	3C4036	CB1330AL(4)	4B7700A	CB1476AL(4)	4B8285
SH1386S	4C654S	SH777S	4C777S	CB1351P(8)	8B1351P	CB1477AL(4)	4B8340
SH1390S	4C1002BS	SH781S	5C781S	CB1352P(4)	4B1690	CB1478P(4)	4B1870
SH1396S	5C8045	SH791S	3C7936	CB1353H(4)	4B1946H	CB1479P(4)	4B1931
SH1401S	5C004BS	SH84S	3C4095	CB1353HX(4)	4B1946HX	CB1480AL(4)	4B1820
SH1404	1C1404	SH85S	3C4099	CB1353P(4)	4B1946	CB1588AL(4)	4B1130
SH1405S	4C1405BS	SH874S	4C874S	CB1358A(6)	6B1358A	CB1589P(4)	4B2746
SH1430S	3C8071	SH875S	5C875S	CB1358P	1B1358P	CB1590P(4)	4B1620
SH1431S	3C8081	SH876S	5C876S	CB1358P(6)	6B1358P	CB1590P(4)	4B2950
SH1432S	4C4042	SH905S	6C8081	CB1359P(4)	4B1730	CB1591P(6)	6B2390
SH1441S	4C1441S	SH906S	4C8081	CB1361P(4)	4B1710	CB1592AL(6)	6B8350
SH1447S	4C1447S	SH907S	3C8116	CB1362AL(4)	4B2130	CB1593AL(4)	4B8380
SH1448S	4C1246S	SH951S	4C4286	CB1364P(4)	4B1776	CB1594P(6)	6B8040
SH1455S	3C8454	SH952S	4C4036	CB1365P(6)	6B1365P	CB1597P(4)	4B2816
		<b>Connecting Rod Set</b>		CB1366P(6)	6B8510P	CB1623P(4)	4B1623P
		CB1017P(4)	4B1636	CB1377P(4)	4B2821	CB1625P(6)	6B8060
		CB1017P(5)	5B1636	CB1380P(4)	4B1380P	CB1625P(6)	6B8060A
				CB1383P(4)	4B1383P	CB1627P(8)	8B8091
				CB1385P	1B1385P	CB1628H(6)	6B8100H

# INTERCHANGE

AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #
<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>	
CB1628HX(6)	6B8100HX	CB1819P(6)	6B7200AO/S2	CB743HXD	1B743HXD	MS1057P	5M1102
CB1628P(6)	6B8100	CB1827AL(4)	4B2296A	CB743P	1B743P	MS1084P	5M1084P
CB1629P(4)	4B2960	CB1828AL(4)	4B2296AO/S2	CB743P(8)	8B743P	MS1104G	7M1164
CB1633P(8)	8B1633P	CB1829P(4)	4B1201	CB745H	1B745H	MS1105G	3M2987
CB1634P(10)	10B1442POS2	CB1830P(6)	6B1840	CB745HD	1B745HD	MS1109P	3M2407
CB1634P(8)	8B1442PO/S2	CB1831P(6)	6B8146	CB745HX	1B745HX	MS1112P	4M2407
CB1635P(4)	4B1635P	CB1832P(6)	6B1180	CB745HXD	1B745HXD	MS1117P	5M1117P
CB1639P(4)	4B8365	CB1833P(6)	6B8381	CB745P	1B745P	MS1118P	3M1367
CB1643P(4)	4B1185	CB1838AL(4)	4B8170A	CB745P(4)	4B745P	MS1122P	4M1122P
CB1647P(4)	4B1647P	CB1838H(4)	4B8170H	CB745P(6)	6B745P	MS115P	3M9958
CB1652P(4)	4B8300	CB1838HX(4)	4B8170HX	CB745P(8)	8B745P	MS1197P	4M2007
CB1653P(4)	6B8350	CB1839AL(4)	4B8170AO/S2	CB751P(4)	4B2661	MS1198P	5M2007
CB1654P(4)	4B2816	CB1840AL(4)	4B4390	CB758P(8)	8B758P	MS1199P	7M2007
CB1654P(4)	4B2821	CB236P(4)	4B9955	CB760P	1B760P	MS1266P	5M1266P
CB1656AL(6)	6B7990	CB475P(6)	6B2001	CB760P(8)	8B760P	MS1277P	5M1277P
CB1657AL(4)	4B8296	CB481H	1B481H	CB762P(8)	8B762P	MS1293P	5M1322
CB1658AL(4)	4B8016	CB481HX	1B481HX	CB792P(4)	4B2250	MS1298G	5M2817
CB1663H	1B1663H	CB481P	1B481P	CB809P(6)	6B1486	MS1317P	3M1142
CB1663HX	1B1663HX	CB481P(8)	8B481P	CB811G(6)	6B1301	MS1329P	3M2637
CB1665HD	1B1665HD	CB487AL(4)	4B1891	CB818H	1B818H	MS1332P	4M1367
CB1665HXD	1B1665HXD	CB488P(4)	4B2201	CB818P	1B818P	MS1336P	3M2977
CB1667A(6)	6B4500A	CB527HD	1B527HD	CB818P(8)	8B818P	MS1344P	5M1344P
CB1667P(6)	6B4500P	CB527HXD	1B527HXD	CB819P(8)	8B819P	MS1348P	5M1348P
CB1668P(6)	4B4565P	CB527P(8)	8B527P	CB831A(8)	8B831A	MS1389AL	7M1389P
CB1669P(6)	6B1410A	CB542P(8)	8B542P	CB831P	1B831P	MS1415P	5M1415P
CB1670P(6)	6B7170P	CB560AL(3)	3B1012	CB831P(8)	8B831P	MS1419AL	4M1419AL
CB1772P(6)	6B4395A	CB560AL(4)	4B1012	CB927H	1B927H	MS1424AL	5M1424P
CB1774P(4)	4B4135A	CB581P(8)	8B581P	CB927P	1B927P	MS1427AL	5M1627
CB1776A(8)	8B663AO/S2	CB583P(4)	4B583P	CB927P(8)	8B927P	MS1428P	5M1703
CB1776P(8)	8B663PO/S2	CB583P(6)	6B583P	CB931AL(4)	4B2206	MS1431P	5M1952
CB1777P(4)	4B1910	CB586P(6)	6B586P	CB943P(4)	4B943P	MS1432A	5M1432A
CB1778A(8)	8B634AO/S2	CB586P(8)	8B586P	CB960P	1B960P	MS1432H	5M1432H
CB1778P(8)	8B634PO/S2	CB603P(4)	4B603P	CB960P(4)	4B960P	MS1432HX	5M1432HX
CB1779P(8)	8B481PO/S2	CB606G(6)	6B606AL	CB960P(6)	6B960P	MS1432P	5M1432P
CB1780H(4)	4B1912H	CB610P	1B610P	CB960P(8)	8B960P	MS1434P	6M1605
CB1780HX(4)	4B1912HX	CB610P(4)	4B610P	CB966P(4)	4B1171	MS1454A	4M1454A
CB1780P(4)	4B1912	CB610P(6)	6B610P	CB966P(6)	6B1171	MS1454P	4M1454P
CB1781AL(4)	4B8376	CB610P(8)	8B610P	CB967P(4)	4B2636	MS1455AL	5M1455AL
CB1782AL(4)	4B8036	CB615P(8)	8B615P	CB969G(4)	4B1101	MS1456P	5M1689
CB1783P(6)	6B8061	CB634A(8)	8B634A	CB978G(4)	4B2986	MS1457P	5M1457P
CB1784P(8)	8B7210A	CB634H	1B634H	CB979M(2)	2B3031	MS1460P	5M1460P
CB1785H(4)	4B1925H	CB634HD	1B634HD	CB980P(4)	4B2956	MS1494P	4M1494P
CB1785HX	4B1925HX	CB634HX	1B634HX	CB981P(4)	4B2751	MS1509P	3M1757
CB1785P(4)	4B1925	CB634HXD	1B634HXD	CB982P(4)	4B2406	MS1524P	5M1524P
CB1786AL(4)	4B1628	CB634P	1B634P	CB982P(6)	6B2406	MS1533P	5M1533P
CB1787P(6)	6B7170PO/S2	CB634P(8)	8B634P	CB983M(2)	2B3030	MS1549AL	5M1549P
CB1790A(6)	6B4500AO/S2	CB647P(4)	4B2031	CB984P	1B984P	MS1557P	5M1557P
CB1790P(6)	6B4500PO/S2	CB663A(6)	6B663A	CB984P(4)	4B984P	MS1558AL	5M1737
CB1793P(4)	4B4135AO/S2	CB663A(8)	8B663A	CB988P(4)	4B1366	MS1560AL	5M8334
CB1794A(6)	6B1358AO/S2	CB663H	1B663H	CB988P(6)	6B1366	MS1561P	4M1561P
CB1794P(6)	6B1358PO/S2	CB663HD	1B663HD	CB992P(4)	4B2980	MS1563P	5M1563P
CB1795P(6)	6B723PO/S2	CB663HX	1B663HX			MS1566P	5M1566P
CB1796P(6)	6B1283PO/S2	CB663HXD	1B663HXD	<b>Main Bearing Set</b>		MS1567P	5M1567P
CB1797A(6)	6B1238AO/S2	CB663P	1B663P	MB198P	1M2583	MS1568P	5M1568P
CB1797P(6)	6B1238PO/S2	CB663P(6)	6B663P	MB3164P	1M2544	MS1571AL	3M8294
CB1799P(6)	6B699PO/S2	CB663P(8)	8B663P	MB3165P	1M2545	MS1590P	5M1705
CB1800P(6)	6B1228PO/S2	CB667AL(4)	4B2681	MS1010H	5M1010H	MS1591AL	5M1727
CB1801P(8)	8B760PO/S2	CB667AL(6)	6B2681	MS1010HX	5M1010HX	MS1596P	5M1596P
CB1803A(8)	8B831AO/S2	CB676P(8)	8B676P	MS1010P	5M1010P	MS1602AL	5M1677
CB1803P(8)	8B831PO/S2	CB684P	1B684P	MS1038H	5M1038H	MS1610AL	5M2729
CB1804P(8)	8B7210AO/S2	CB684P(8)	8B684P	MS1038HX	5M1038HX	MS1616P	4M1616P
CB1806P(6)	6B1443PO/S2	CB699P	1B699P	MS1038P	5M1038P	MS1617AL	5M1704
CB1808HN	1B1808H	CB699P(6)	6B699P	MS1039H	5M1039H	MS1618P	5M1947
CB1808HXX	1B1808HX	CB723P	1B723P	MS1039HX	5M1039HX	MS1626P	5M1626P
CB1808P(8)	8B1808A	CB723P(6)	6B723P	MS1039P	5M1039P	MS1628P	4M1628P
CB1809P(8)	8B1808AO/S2	CB734P(4)	4B2741	MS1039P	5M1039P	MS1629AL	5M1629P
CB1811P(6)	6B2290A	CB734P(6)	6B2741	MS1041P	5M1041P	MS1631P	4M1631P
CB1813P(4)	4B4565P	CB743A(8)	8B743A	MS1050P	5M1050P	MS1633AL	5M1728
CB1816P(6)	6B2290AO/S2	CB743H	1B743H	MS1051P	5M1051P	MS1638P	5M1695
CB1817P(4)	4B4565PO/S2	CB743HD	1B743HD	MS1054P	5M1172	MS1639AL	5M8134
CB1818P(6)	6B7200A	CB743HX	1B743HX	MS1055G	3M2215	MS1640P	5M1777

# INTERCHANGE

**AE Clevite to ACL**

AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #
<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>	
MS1643P	5M1643P	MS1821AL	5M1824	MS2200P	6M2200P	MS909H	5M909H
MS1649AL	5M7704A	MS1822P	4M1822P	MS2201P	5M7313P	MS909HX	5M909HX
MS1651P	7M1507	MS1864P	7M2996	MS2202P	5M7296A	MS909P	5M909P
MS1666P	5M1666P	MS192P	4M2002	MS2203P	6M7296A	MS913P	3M2204
MS1669P	5M1883	MS1945AL	5M1139	MS2204P	5M7141P	MS914P	5M2255
MS1671AL	5M1143	MS1946P	4M1946P	MS2205P	5M7164P	MS944P	5M944P
MS1683P	5M1683P	MS1946P	4M7278A	MS2207P	4M7262A	MS960P	4M960P
MS1684P	4M1684P	MS1947P	7M8874P	MS2208P	5M7193A	MS963P	5M963P
MS1688P	4M1688P	MS1948P	5M1948P	MS2209P	4M7172P	MS970AL	5M970AL
MS1690P	4M1690P	MS1950P	5M2952	MS2210P	4M7182P	MS979P	7M979P
MS1692P	4M1346P	MS1951P	4M2737	MS2212AL	5M8378	MS981P	5M981P
MS1701P	4M1701P	MS1952P	4M8352	MS2213AL	5M8037		
MS1702P	4M1702P	MS1953AL	5M8382	MS2216P	5M7214A	<b>Rod Bushing</b>	
MS1703P	5M8511P	MS1954P	4M8063	MS2220H	5M2220H	01783R	RB2134Y
MS1704P	5M7124P	MS1983P	4M860P	MS2220HX	5M2220HX	01914	AB01914
MS1705P	5M7146P	MS2003P	4M2003P	MS2220P	5M2220A	02127R	AB02127R
MS1706P	5M1706P	MS2005P	4M2005P	MS2224AL	7M2224A	02544	RB3864Y20
MS1708AL	4M8337	MS2006P	4M2006P	MS2226P	4M1149	223-3484	RB2134Y
MS1710AL	5M8372	MS2007P	5M2007P	MS2227AL	5M1644	223-3501	AB02127R
MS1711P	5M1369	MS2009P	5M2009P	MS2232AL	5M2232A	223-3512	AB01914
MS1714AL	5M8361	MS2010P	4M2010P	MS2234P	5M1202	223-3547	RB4053
MS1715AL	5M8282	MS2011P	4M8063	MS2236P	4M1842	223-3555	AB02495
MS1717P	7M1717P	MS2012P	5M1937	MS2237P	4M8147	223-3576	RB3864Y20
MS1720P	4M1149	MS2013P	5M8092	MS2238P	4M1183	223-3594	RB870
MS1733P	5M1733P	MS2014AL	7M8103	MS2239P	4M1149	223-3597	RB3049YA20
MS1735P	5M2775	MS2015P	5M2964	MS2240P	4M8379	223-3598	AB02201
MS1738P	5M1188	MS2017P	5M1867	MS2241P	4M8063	223-3598	RB2304V
MS1738P	5M1827	MS2021P	4M2021P	MS2241P	4M8063A	223-3610	RB4040
MS1739AL	4M8011	MS2022P	4M2022P	MS2244P	4M7214A	223-3611	RB4008
MS1743P	5M1743P	MS2028P	5M2028P	MS2245AL	5M8174A	223-3612	RB4028
MS1744P	5M1744P	MS2034P	5M2034P	MS429H	5M429H	223-3614	RB4073
MS1745P	5M1745P	MS2035AL	5M8138	MS429HX	5M429HX	223-3615	RB4073
MS1746P	5M1746P	MS2037A	4M2037A	MS429P	5M429P	223-3616	RB4075
MS1747P	4M1747P	MS2037P	4M2037P	MS443P	5M443P	223-3617	RB4081
MS1749P	5M1749P	MS2038P	5M1036P	MS483G	5M483G	223-3620	RB4113
MS1750P	5M1193	MS2039P	5M1186	MS496P	5M496P	223-3637	RB4058
MS1751P	5M1894	MS2042P	5M1176	MS516P	5M516P	223-3638	RB4096
MS1752P	5M1884	MS2046P	5M8137	MS517P	4M517AL	223-3647	RB4106-R
MS1753AL	5M8342	MS2056P	5M2056P	MS540P	5M540P	223-3651	RB4114
MS1773P	4M1773P	MS2057AL	5M8302	MS590A	5M590A	223-3653	RB4087
MS1774P	7M1165	MS2058AL	4M8147	MS590H	5M590H	223-3664	AB3664
MS1775P	5M1882	MS2061AL	7M7989	MS590HX	5M590HX	B-10001	RB4040
MS1776AL	5M1869	MS2062AL	5M8297	MS590P	5M590P	B-10002	RB4008
MS1777P	4M7987	MS2063AL	5M8017	MS614P	5M2033	B-10003	RB4028
MS1778P	5M1748	MS2068P	5M2329P	MS617P	7M617P	B-10004	RB4017
MS1779AL	5M8337	MS2069P	5M1137	MS667P	5M667P	B-10007	RB4073
MS1780AL	5M2134	MS2070P	5M1645	MS685P	5M685P	B-10009	RB4075
MS1782P	4M1782P	MS2072P	5M1623	MS704P	7M704P	B-10010	RB4081
MS1785AL	4M8009	MS2073P	5M1633	MS720P	5M1112	B-900	RB4058
MS1789P	5M1382	MS2074P	4M2777	MS728AL	3M4302	B-901	RB4096
MS1797P	7M1888	MS2075P	5M1124	MS735AL	3M2202	B-902	RB4096
MS1798P	7M1884	MS2076P	5M1144	MS742AL	5M742P		
MS1799P	5M1892	MS2077P	5M2967	MS757AL	7M2682		
MS1800P	5M1893	MS2078P	5M1172	MS771G	7M771P		
MS1801AL	5M1801P	MS2079P	5M2757	MS772AL	4M2942	TW102S	1T3252
MS1802AL	5M8353	MS2080P	5M2747	MS773AL	5M2942	TW105S	2T4302
MS1803AL	5M8133	MS2081P	7M1172	MS804P	5M804P	TW108S	2T2202
MS1804P	5M1957	MS2082P	7M1305	MS805P	5M805P	TW113S	1T113S
MS1805P	4M1934	MS2083P	3M8292	MS812P	3M2203	TW121S	2T2682
MS1806AL	5M1932	MS2084P	3M8293	MS829A	5M829A	TW130S	2T2944
MS1807P	4M1807P	MS2085P	5M1697	MS829H	5M829H	TW144S	2T2252
MS1808P	5M2965	MS2086P	5M1787	MS829HX	5M829HX	TW147S	2T2203
MS1809P	5M8283	MS2087P	4M7982	MS829P	5M829P	TW168S	2T2204
MS1810P	7M2997	MS2088P	4M7972	MS830AL	5M2682	TW218S	2T218S
MS1812A	4M7295A	MS2089P	5M2742	MS860P	4M2351P	TW225S	2T8062
MS1812P	4M1812P	MS2090P	7M2742	MS863P	5M863P	TW228S	2T7962
MS1814AL	5M8373	MS2091P	5M2091P	MS876P	5M876P	TW229S	1T2407
MS1815AL	5M1103	MS2095P	5M1959	MS877P	5M877P	TW230S	2T1367
MS1816P	3M2984	MS2199H	5M7298H	MS896P	5M896P	TW231S	2T1462
MS1819AL	5M8374	MS2199HX	5M7298HX	MS908P	5M908P	TW265S	1T1893
MS1820AL	5M8339	MS2199P	5M7298A	MS909A	5M909A	TW285S	1T1142

**AE Clevite to ACL**

# INTERCHANGE

AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #	AE Clevite Part #	ACL Part #
<b>Thrust Washer Set (Cont'd.)</b>							
TW303S	2T1689						
TW316S	2T2683						
TW325S	2T325S						
TW326S	2T1703						
TW327S	1T1952						
TW349S	1T2729						
TW358S	2T2775						
TW365S	2T1888						
TW368S	2T1889						
TW370S	2T8334						
TW376S	2T7703						
TW400S	2T1727						
TW401S	2T1695						
TW406S	2T1777						
TW451S	1T1824						
TW451S	1T3286						
TW453S	1T1869						
TW455S	1T8337						
TW456S	2T8372						
TW458S	2T1149						
TW460S	1T8011						
TW461S	2T1748						
TW462S	2T7987						
TW463S	2T1705						
TW464S	2T2134						
TW468S	2T1642						
TW470S	1T1192						
TW471S	1T8342						
TW472S	1T8353						
TW473S	1T1957						
TW474S	1T1934						
TW475S	2T8283						
TW478S	1T8339						
TW551S	1T2952						
TW552S	2T8352						
TW553S	2T8382						
TW554S	2T8063						
TW587S	1T1937						
TW588S	2T8092						
TW589S	2T8103						
TW590S	1T2964						
TW592S	2T1689						
TW595S	1T1867						
TW596S	1T8302						
TW598S	2T7989						
TW599S	1T8017						
TW601S	1T1957						
TW604S	2T8377						
TW605S	1T8037						
TW606S	1T7172						
TW608S	1T7214						
TW611S	1T611S						
TW612S	2T1644						
TW615S	1T1842						
TW616S	2T8352						
TW617S	1T1183						
TW618S	2T8379						



# INTERCHANGE

Dura-Bond to ACL

Dura-Bond Part #	ACL Part #	Dura-Bond Part #	ACL Part #	Dura-Bond Part #	ACL Part #	Dura-Bond Part #	ACL Part #
<b>All-Round Auxiliary Shaft Bearing</b>		<b>Camshaft Set (Cont'd.)</b>					
CHG-14	3C1190S	DA-3A	3C4036				
CHG-22	4C6001S	F-1	3C021S				
FG-29	1C1094S	F-16	5C369S				
FG-34	2C1095S	F-18	5C510S				
FG-53	2C6002S	F-22	4C533S				
VWG-1	2C1209S	F-23A	4C567S				
<b>Balance Shaft Bushing</b>		F-23B	4C567BS				
CHG-15A	1BS1400S	F-26	5C710S				
FG-51	2BS1445S	F-28	3C711S				
MIG-2	3BS8369	F-29	3C733S				
MIG-3	3BS8387	F-30	5C1111S				
MZG-3	6BS8033	F-31	4C654S				
PDG-26	2C026S	F-32	4C703S				
PDG-29	2BS1403S	F-33	5C781S				
TOG-10	4BS8000	F-34	4C777S				
TOG-8	2BS8286	F-34B	4C777BS				
TOG-9	2BS8078	F-41	3C8276				
VO-2	3C6007	F-43	4C652S				
<b>Cam Tower Repair Insert</b>		F-45	4C1197S				
FA-1	5C6003S	F-46	4C1251S				
FA-3	6C1100S	F-47B	4C1002BS				
FA-4	6C1200S	F-48	4C048S				
FA-5	6C1201S	F-48A	4C048AS				
GMA-1	5C6004S	F-49	4C1254S				
GMA-2	10SC6005S	F-49B	4C1254BS				
MIA-1	5SC761	F-50	4C1441S				
MZA-4	5SC6006	F-50A	4C1441AS				
PD-30	6C1300S	F-52	4C1447S				
<b>Camshaft Set</b>		F-7	4C534S				
351RHP	5C1763S	F-9A	5C559S				
B-12	4C1031S	FP-18	5C1321S				
B-12B	4C1031BS	FP-26	5C710C				
B-13	4C1246S	GM-7	5C1199S				
B-14	4C1812S	GMP-8	5C3346C				
B-6	4C506S	IN-11	5C426S				
B-8	5C361S	IN-14	4C220S				
B-9	5C680S	IN-17	5C1092S				
BP-13	4C1246C	IN-18	3C507S				
C-3	5C530S	IN-18	3C6546				
C-4	5C1300S	J-1	1C069S				
C-4A	5C1300SW	N-7	4C549S				
CH-10	5C1000S	N-7B	4C549BS				
CH-11	4C718S	N-9	5C671S				
CH-12	5C616S	O-6	5C638S				
CH-13	5C716S	O-7	5C1088S				
CH-16	3C1030S	O-8	4C1247S				
CH-17	4C1089S	P-3	5C291S				
CH-18	4C1102S	P-4	5C292S				
CH-18A	4C1102SW	PD-1	3C023S				
CH-19	5C1195S	PD-16	5C875S				
CH-2	4C209S	PD-17	5C876S				
CH-20	3C1305S	PD-18	4C874S				
CH-21	4C1351S	PD-21	4C1115S				
CH-23	5C1001S	PD-25	5C1112S				
CH-3	4C383S	PD-27	4C1114S				
CH-4	5C287S	PD-28	4C1405S				
CH-6	3C400S	PD-28B	4C1405BS				
CH-7	4C399S	PDA-3	5C1004S				
CH-8	5C290S	TO-10	4C7979				
CH-9A	5C615S	TO-11	5C7969				
CHP-8	5C3349C	TO-7	5C8186				
CHP-8R1	5C004AS	TO-8	4C8076				
CHP-8R2	5C004BS						
CO-8	3C056S						
DA-1	5C4146						
DA-2	3C4018						

# INTERCHANGE

Enginotech/Mahle/Metal Leve Part #	ACL Part #	Enginotech/Mahle/Metal Leve Part #	ACL Part #	Enginotech/Mahle/Metal Leve Part #	ACL Part #	Enginotech/Mahle/Metal Leve Part #	ACL Part #
<b>All-Round Auxiliary Shaft Bearing</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>	
BG178J	2BS7006	BB1044	4B1171	BB609J	6B699P	BC286J	7M2682
CC456	2C1095S	BB1085	4B1146	BB610J	6B1214AL	BC289J	5M1117P
<b>Balance Shaft Bushing</b>		BB1085J	4B1146	BB611J	6B606AL	BC290J	5M1645
BS021	3BS8369	BB1086	4B1626	BB612J	6B960P	BC292J	5M1643
BS1085	3BS8387	BB1169	4B1736	BB613J	8B581P	BC296J	5M909P
BS1811	3BS8389	BB1171	6B1160	BB615J	6B1227P	BC297J	5M1733P
BS2011	6BS8033	BB1174	4B1620	BB616J	4B583P	BC298J	7M617P
CC455	2BS1445S	BB1174J	4B1620	BB618J	8B818P	BC299J	5M1415P
<b>Camshaft Set</b>		BB1208	4B2950	BB619J	8B743P	BC300J	5M1457P
CC1061	3C8276	BB1209	4B2746	BB620J	4B745P	BC302J	4M960P
CC1068	4C8076	BB1213	4B2960	BB621J	4B1276P	BC303J	5M863P
CC400	5C290S	BB121J	4B2451	BB623J	6B1358P	BC304J	5M804P
CC401	5C1195S	BB136J	8B481P	BB624J	6B1443P	BC305J	7M979P
CC402	3C1030S	BB1404	4B8360	BB625J	6B723P	BC306J	5M1432P
CC403	3C1305S	BB1407	4B8281	BB626J	6B1283P	BC307J	5M981P
CC404B	4C1102SW	BB1410	4B1710	BB627J	4B1383P	BC308J	7M771P
CC405	4C399S	BB1414	6B1170	BB628J	8B758P	BC309J	7M1389P
CC406	4C718S	BB1419	4B8366	BB629J	6B1385P	BC310J	5M1629P
CC407	4C1089S	BB1424	4B8380	BB630J	6B1387P	BC311J	4M1419AL
CC408	4C1031S	BB1445	6B8060	BB632J	8B960P	BC312J	4M517AL
CC409	4C1246S	BB153J	6B663P	BB633J	8B1351P	BC313J	5M1266P
CC410	5C1088S	BB156J	4B1136	BB634J	6B1140	BC314J	5M805P
CC411	5C616S	BB159J	4B1701	BB638J	6B1410P	BC315J	7M704P
CC412	4C1031BS	BB160J	6B2390	BB693J	4B1623P	BC316J	5M516P
CC413	5C1300SW	BB1620	4B2821	BB8340	4B8340	BC317J	4M1454P
CC414	5C287S	BB1627	4B1820	<b>Main Bearing Set</b>		BC318J	5M1050P
CC415	4C1351S	BB163J	4B1216P	BB2004	5M8133	BC319J	5M429P
CC416	5C292S	BB166J	6B2966	BC038J	5M2942	BC320J	5M1344P
CC417	5C530S	BB180J	5B1636	BC039J	5M2942	BC321J	5M540P
CC418	5C638S	BB1825	4B1130	BC1051	7M1164	BC341J	5M1039P
CC419	5C680S	BB184J	4B745P	BC1103	5M2817	BC356J	5M1549P
CC420	5C1199S	BB185J	6B745P	BC1114	5M1627	BC364J	5M829P
CC421	4C1812S	BB2008	4B8351	BC1114	5M1627	BC369J	5M1533P
CC440	5C510S	BB2009	4B8140	BC1124	5M1737	BC370J	5M1743P
CC441	4C777BS	BB2010	6B8350	BC1124	5M1737	BC371J	5M1567P
CC442	4C1251S	BB214J	8B634P	BC1133	5M1703	BC372J	5M1557P
CC443	4C703S	BB2200	4B1946	BC1134	5M1952	BC373J	5M1706P
CC444	4C654S	BB2204	4B1930	BC1174	5M1623	BC377J	4M1494P
CC445	4C567S	BB2205	4B1955	BC1174J	5M1623	BC378J	4M1494P
CC445G	4C567BS	BB228J	4B1810	BC1183	5M1176	BC379J	4M2037P
CC446	4C1254S	BB238J	4B984P	BC1208	5M2952	BC380J	4M860P
CC446G	4C1254BS	BB2404	4B8336	BC1209	5M2747	BC382J	4M1561P
CC447	4C1197S	BB253J	8B663P	BC1213	5M2964	BC383J	5M496P
CC448	5C710S	BB263J	4B1175P	BC1404	5M8361	BC384J	4M1702P
CC449	5C781S	BB271J	4B1350	BC1407	5M8282	BC385J	4M1701P
CC450	5C1111S	BB279J	4B1408P	BC1410	5M1695	BC386J	5M1643P
CC451	4C048AS	BB280J	4B1636	BC1414	7M1165	BC413J	5M1568P
CC452	4C1447S	BB284J	8B745P	BC1423	4M8063	BC415J	5M7124P
CC453	4C1002BS	BB285J	6B1238P	BC1424	5M8382	BC416J	4M1946P
CC454	4C1441AS	BB286J	4B1269P	BC1620	5M1882	BC421J	5M7146P
CC470	5C875S	BB308J	8B1327P	BC1627	5M1824	BC422J	4M1149
CC471	4C874S	BB317J	8B1442P	BC175J	5M1424P	BC424J	5M1744P
CC472	4C1115S	BB318J	8B1442PO/S2	BC1818	5M1124	BC425J	5M1139
CC473	4C1114S	BB375J	4B2681	BC1821	5M1144	BC450J	4M1822P
CC474	5C1112S	BB376J	6B2681	BC1821J	5M1144	BC453J	4M1946P
CC475	4C1405BS	BB390J	4B1076	BC182J	5M1144	BC454J	4M2021P
CC476	5C876S	BB410P	3B8336	BC183J	5M1733P	BC455J	4M2022P
CC480	4C549S	BB426J	6B1413P	BC2009	7M617P	BC467J	5M1038P
CC481	5C671S	BB479J	4B1175P	BC2010	5M8133	BC468J	7M8874P
CC482	5C426S	BB494J	4B1606	BC2011	4M8352	BC469J	5M7141P
CC483	5C1092S	BB495J	5B1606	BC2011	5M8138	BC484J	5M2009P
EC025J	3C1030S	BB592J	4B960P	BC2012	5M8353	BC485J	4M2006P
<b>Connecting Rod Set</b>		BB600J	4B610P	BC2200	5M1947	BC488J	5M1596P
BB022J	4B9955	BB601J	6B610P	BC2206	5M1932	BC499J	5M1948P
BB038J	4B1012	BB602J	8B610P	BC2404	5M8337	BC500J	4M1812P
BB1032	4B2816	BB603J	8B760P	BC240J	5M590P	BC503J	7M1717P
		BB604J	8B684P	BC256J	5M1139	BC628J	4M8337
		BB605J	6B1228P	BC256J	5M1143	BC708J	5M1815
		BB606J	6B583P	BC258J	5M1705	BC8339	5M8339
		BB607J	8B927P	BC261J	4M2777		
		BB608J	8B831P	BC272J	5M1549P		
				BC285J	5M2682		



# INTERCHANGE

Enginotech/Mahle/Metal Leve to ACL

Enginotech/Mahle/Metal Leve Part #	ACL Part #	Enginotech/Mahle/Metal Leve Part #	ACL Part #	Enginotech/Mahle/Metal Leve Part #	ACL Part #	Enginotech/Mahle/Metal Leve Part #	ACL Part #
<b>Rod Bushing</b>							
BG003	RB870						
BG036	RB4002						
BG037U	RB4053						
<b>Thrust Washer Set</b>							
AE006J	2T2944						
AE014J	1T1649						
AE032J	2T2682						
AE123P	1T8337						
TW1006	2T7962						
TW1030	1T3286						
TW1061	2T4162						
TW1117	2T1689						
TW1133	2T1703						
TW1134	1T1952						
TW1208	1T2952						
TW1213	1T2964						
TW1400	2T1695						
TW1405	2T1705						
TW1423	2T8063						
TW1424	2T8382						
TW1616	1T1824						
TW2008	1T8353						
TW2403	1T8337						
TW8339	1T8339						

# INTERCHANGE

Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #
<b>All-Round Auxiliary Shaft Bearing</b>		<b>Camshaft Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>	
1460M	2C1095S	1466M	5C1088S	3-65925CP	3B2006	4-4210CP	4B1451AL
1726M	2C1209S	1467M	5C1092S	3-66755CP	3B8341	4-4245CP	4B2636
1731M	1C1094S	1473M	4C1115S	4-1025RA	4B1710	4-4335CP	4B2726
1828M	4C6001S	1484M	5C1112S	4-1035CP	4B1383P	4-4340CP	4B2966
1892M	2C6002S	1485M	5C1195S	4-1060CP	4B1786	4-4450P	4B8365
<b>Balance Shaft Bushing</b>		1489M	4C1247S	4-1065CP	4B8290	4-4455RA	4B1870
1487M	2C026S	1492M	4C1102S	4-1130CP	4B1756	4-4460P	4B2746
1729M	2BS8286	1493M	4C1197S	4-1140RA	4B8336	4-4465P	4B1606
1792MSEMI	2BS1403S	1494M	4C1251S	4-1145CP	4B1870	4-4470P	4B1956
1805M	3BS8288	1496M	5C1199S	4-1245CP	4B1630	4-4475RA	4B1130
1806M	3BS8385	1543M	1C4096	4-1280CP	4B2776	4-4550P	4B1490
1807M	2BS1445S	1557M	4C718S	4-1305RA	4B7700A	4-4565P	4B4565P
1810M	3BS8389	1561M	3C7936	4-1320RA	4B1426	4-4595P	4B1820
1846M	2BS8453	1564M	5C7969	4-1400AA	4B1380A	4-4600P	4B1780
<b>Cam Tower Repair Insert</b>		1565M	4C8066	4-1400CP	4B1380P	4-4615P	4B1635P
1858M	5SC761	1569M	4C8076	4-1490CPA	4B1408P	4-4700A	4B1185
1896M	6C1300S	1570M	3C4036	4-1490CPA	4B2322A	4-4705A	4B1851
<b>Camshaft Set</b>		1591M	3C6546	4-1495CP	4B1946	4-4740A	4B8036
1005M	3C021S	1592M	5C4146	4-1510CP	4B1930	4-4740A	4B8036A
1010M	3C023S	1672M	5C7969	4-1520CP	4B1955	4-4765P	4B8300
1091M	1C069S	1697M	4C7936	4-1540AP	4B1388P	4-4775A	4B8296
1094M	4C209S	1708M	5C8186	4-1610CP	4B8380	4-4790P	4B1647P
1133M	4C534S	1734M	3C4018	4-1730RA	4B8390	4-4805P	4B2960
1145M	5C287S	1735M	4C7979	4-1745RA	4B1101	4-4820A	4B1680
1146M	5C291S	1738M	4C4042	4-1825CP	4B1936	4-4855A	4B8376
1158M	3C056S	1746M	3C8127	4-1855RA	4B8280	4-60150RA	4B2031
1160M	5C559S	1750M	5C004AS	4-1895CP	4B1926	4-65325CP	4B2741
1170M	4C383S	1755M	4C1246S	4-1900RA	4B1890	4-65385CP	4B2250
1179M	5C369S	1756M	3C1305S	4-2015CPA	4B1012	4-65905RA	4B2206
1202M	3C400S	1757M	5C1300S	4-2020CP	4B745P	4-65925CP	4B2006
1203M	4C399S	1758M	3C8071	4-2055CP	4B1891	4-65935RA	4B2406
1204M	5C510S	1760M	4C4286	4-2060CP	4B1776	4-66620CP	4B2740
1205M	4C506S	1771M	5C8045	4-2380CP	4B583P	4-66675P	4B1136
1209M	4C220S	1774M	3C8074	4-2500RAA	4B610A	4-66755RA	4B8341
1216M	5C530S	1781M	4C1254S	4-2500RAA10X2	4B610PO/S2	4-66760CP	4B1141
1218M	5C426S	1782M	4C1031BS	4-2785CP	4B603P	4-66780CP	4B1620
1220M	5C292S	1790M	4C1114S	4-2865RA	4B7891	4-66780CP	4B2950
1222M	4C533S	1795M	4C8065	4-2965CP	4B2201	4-67015CP	4B2751
1234M	5C638S	1796M	4C8052	4-3135CP	4B2681	4-67030CP	4B2986
1235M	5C290S	1801M	5C8215	4-3310CPA	4B960P	4-67230CP	4B1171
1244M	4C549S	1802M	3C8454	4-3460RA	4B943P	4-67260CP	4B1366
1255M	5C615S	1804M	6C8081	4-3485CP	4B1146	4-67270CP	4B1101
1269M	5C361S	1809M	4C1405BS	4-3545A	4B984P	4-67275CP	4B1686
1307M	3C4306	1838M	4C1002BS	4-3570CPB	4B2816	4-67290CP	4B2980
1401M	5C671S	1842M	4C777BS	4-3570CPB	4B2821	4-67300CP	4B1361
1403M	5C710S	1843M	4C048AS	4-3665P	4B1216P	4-67320CP	4B2956
1404M	5C616S	1843M	4C048S	4-3800CPA	4B1269P	4-67325CPA	4B1320
1410M	5C716S	1844M	4C1441S	4-3805CP	4B1276P	4-67340CP	4B1950
1412M	3C733S	1845M	5C1763S	4-3885CP	4B1881	4-67345CP	4B1951
1414M	5C1111S	1855M	4C1351S	4-3895RA	4B8360	4-67350RA	4B1626
1421M	5C4326	1884M	5C3346C	4-3900RA	4B2980	4-67365RA	4B8291
1422M	5C680S	1885M	5C1092S	4-3910RA	4B8331	4-68095CP	4B1636
1439M	4C703S	1886M	4C1447S	4-3915CP	4B8370	4-68140CP	4B1175P
1441M	4C654S	1889M	4C1812S	4-3920CP	4B1730	4-68140CP	4B2322A
1442M	3C8276	1889M	4C5108	4-3925RA	4B1690	4-68150CP	4B1076
1443M	4C777S	2100M	5C3349C	4-3930RA	4B1720	4-9955SB	4B9955
1444M	3C6127	2102M	5C1321S	4-3935CP	4B8371	5-4465P	5B1606
1445M	5C781S	2106M	5C3346C	4-3955RA	4B1736	5-68095CP	5B1636
1450M	4C567S	4206DR	1C1404	4-3960CPA	4B1701	6-1020A	6B1358A
1451M	5C875S	<b>Connecting Rod Set</b>		4-3970CP	4B1750	6-1020A25X2	6B1358AO/S2
1453M	5C876S	10-1985A	10B1442P	4-3975P	4B2130	6-1020CP	6B1358P
1454M	4C874S	10-1985A25X2	10B1442POS2	4-3980RA	4B8281	6-1020CP25X2	6B1358PO/S2
1459M	3C711S	2-3520CP	2B3030	4-4000CP	4B1830	6-1030CP	6B1365P
1461M	3C1030S	2-3645CP	2B3031	4-4005P	4B1626	6-1050CP	6B1360
1462M	4C1031S	2-3950CP	2B1886	4-4135RA	4B4135A	6-1165CP	6B1170
1463M	4C1089S	3-1140RA	3B8336	4-4135RA25X2	4B4135AO/S2	6-1220RA	6B1385P
		3-1180CP	3B8810	4-4165RA	4B1810	6-1245CP	6B1630
		3-2015CPA	3B1012	4-4175CP	4B8351	6-1390CP	6B1490
		3-4575P	3B1469P	4-4185RA	4B1623P	6-1460CP	6B1387P
				4-4190CP	4B8340	6-1500CP	6B7986
				4-4200RA	4B8140	6-1575CPA	6B2001



# INTERCHANGE

Federal-Mogul to ACL

Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #
<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>	
6-1585CP	6B1746	7125CH-1X	1B481HX	140M-1X	5M1038HX	5103M	5M1144
6-1595CP	6B1760	7135CH	1B527HD	141M	5M829H	5104M	5M1524P
6-1735CP	6B1140	7160CH	1B634H	141M-1X	5M829HX	5107M	5M981P
6-1845CP	6B2390	7160CH-1X	1B634HX	146M	5M1010H	5109M	5M1557P
6-1920RA	6B1410P	7185CH	1B818H	146M-1X	5M1010HX	5110M	5M1596P
6-1970RA	6B8350	7190CH	1B1663H	152M	5M7298H	5123M	4M1561P
6-2020CP	6B745P	7190CH-1X	1B1663HX	152M-1X	5M7298HX	5129M	5M1563P
6-2295P	6B2991	7200CH	1B743H	4032M	5M443P	5130M	5M1629P
6-2375CP	6B606AL	7200CH-1X	1B743HX	4040M	5M483G	5138M	5M1567P
6-2380CP	6B583P	7200CHA	1B743HD	4070M	5M516P	5141M	5M1883
6-2400AP	6B586P	7200CHA-1X	1B743HDX	4084M	5M496P	558M	3M9958
6-2500RAA	6B610A	7250CH	1B1442H	4092M	4M517AL	6033M	5M2255
6-2555A	6B663A	7250CH-1X	1B1442HX	4094M	5M876P	6101M	4M860P
6-2555CP	6B663P	8-1555CPA	8B758P	4095M	5M877P	6111M	5M2742
6-2560P	6B8510P	8-1985A	8B1442A	4123M	5M1733P	6117M	3M2204
6-3055CP	6B723P	8-1985A25X2	8B1442AO/S2	4124M	7M617P	6129M	7M2996
6-3055CP10X2	6B723PO/S2	8-2020CP	8B745P	4125M	5M590P	6304M	4M2007
6-3135CP	6B2681	8-2130CP	8B481P	4125MA	5M590A	6305M	5M2007
6-3150CPA	6B699P	8-2130CP10X2	8B481PO/S2	4221M	5M667P	6306M	7M2007
6-3150CPA10X2	6B699PO/S2	8-2320CP	8B527P	4261M	5M685P	6314M	3M2202
6-3310CPA	6B960P	8-2400P	8B586P	4263M	4M960P	6354M	5M7899
6-3695RA	6B1214AL	8-2410CP	8B581P	4281M	5M805P	6367M	4M2407
6-3750AP	6B1227P	8-2470CP	8B615P	4289M	7M704P	6382M	7M2742
6-3755AP	6B1228P	8-2500RAA	8B610A	4290M	7M771P	6396M	3M2407
6-3755AP10X2	6B1228PO/S2	8-2555A	8B663A	4294M	5M804P	6593M	5M1137
6-3755APA	6B1443P	8-2555CP	8B663P	4352M	7M2682	6610M	5M1677
6-3755APA10X2	6B1443PO/S2	8-2555CP10X2	8B663PO/S2	4353M	5M2682	6618M	5M1139
6-3830CPA	6B1283P	8-2600A	8B634A	4359M	5M2033	6619M	5M1193
6-3830CPA25X2	6B1283PO/S2	8-2600CP	8B634P	4400M	5M829P	6619M	5M1827
6-3965CP	6B1160	8-2600CP10X2	8B634PO/S2	4415M	4M2942	6620M	5M1727
6-4010RA	6B8040	8-3045A	8B684P	4416M	5M2942	6621M	5M1728
6-4020A	6B1238A	8-3045APA	8B684P	4418M	5M1457P	6622M	5M8361
6-4020AP	6B1238P	8-3045APA10X2	8B684PO/S2	4420M	5M863P	6623M	3M2984
6-4020AP25X2	6B1238AO/S2	8-3190CP	8B743P	4663M	5M909P	6626M	7M1888
6-4205CP	6B1413P	8-3230CP	8B760P	4663MA	5M909A	6627M	5M1894
6-4380CP	6B8061	8-3230CP10X2	8B760PO/S2	4664M	5M908P	6630M	5M1124
6-4385RA	6B8060	8-3310CPA	8B960P	4770M	3M2203	6631M	5M1882
6-4385RA	6B8060A	8-3320CP	8B762P	4865M	5M742P	6644M	5M1748
6-4395A	6B4395A	8-3345RA	8B542P	4906M	5M970AL	6645M	5M2134
6-4480P	6B1935	8-3360CPA	8B818P	4907M	5M1039P	6650M	5M8282
6-4500AA	6B4500A	8-3380A	8B831A	4916M	7M979P	6656M	6M1605
6-4500AA	6B4500P	8-3380A10X2	8B831AO/S2	4923M	5M540P	6660M	5M8342
6-4500AA25X2	6B4500AO/S2	8-3380CPA	8B831P	4924M	5M896P	6661M	3M1142
6-4500AA25X2	6B4500PO/S2	8-3380CPA10X2	8B831PO/S2	4925M	5M1010P	6670M	5M1777
6-4605P	6B2390	8-3385CP	8B819P	4926M	5M1038P	6674M	4M1631P
6-4695A	6B8350	8-3400CP	8B927P	4945M	5M1050P	6674M	4M2037P
6-4830A	6B7170A	8-3400CP10X2	8B927PO/S2	4948M	5M1051P	6676M	5M1568P
6-4830A25X2	6B7170AO/S2	8-3730CP	8B1230P	4979M	5M1117P	6678M	5M1533P
6-4840A	6B7200A	8-3785CP	8B1288P	4999M	5M1266P	6680M	5M1695
6-4845P	6B1410A	8-3810CP	8B1327P	5024M	5M1344P	6683M	7M1388
6-4860P	6B8100	8-3810CPA	8B1633P	5025M	5M1277P	6684M	5M1787
6-65325CP	6B2741	8-3860AP	8B1286P	5026M	5M1348P	6685M	4M8337
6-65545CP	6B1486	8-3870RA	8B1351P	5027M	5M1627	6686M	5M1869
6-65545CP	6B1506	8-3870RA25X2	8B1351PO/S2	5028M	5M2817	6687M10	4M1628P
6-65925CP	6B2006	8-4785P	8B8091	5035M	5M1084P	6688M10	5M1626P
6-65935RA	6B2406	8-4835A	8B7210A	5037M	5M1041P	6689M	5M1733P
6-66620CP	6B2740	8-4960P	8B1808A	5060M	5M1424P	6690M	5M1643P
6-67010CP	6B1301			5061M	4M1122P	6692M	5M8137
6-67035P	6B7971	<b>Main Bearing Set</b>		5065M	4M1346P	6693M	7M1165
6-67230CP	6B1171	129M	5M590H	5070M	4M1419AL	6694M	7M1305
6-67260CP	6B1366	129M-1X	5M590HX	5071M	7M1389P	6695M	5M1706P
7065CH	1B745H	130M	5M1432H	5078M	5M1432P	6697M	4M8011
7065CH-1X	1B745HX	130M-1X	5M1432HX	5078MA	5M1432A	6698M	3M1757
7065CHA	1B745HD	134M	5M1039H	5082M	5M1460P	6699M	5M1932
7065CHA-1X	1B745HDX	138M	5M429H	5083M	5M1455AL	6704M	3M2215
71-3899/4	4B1685	134M-1X	5M1039HX	5085M	4M1454P	6706M	3M2987
7100CH	1B663H	138M	5M429H	5085MA	4M1454A	6707M	4M7972
7100CH-1X	1B663HX	138M-1X	5M429HX	5090M	4M1494P	6734M	7M1164
7100CHA	1B663HD	139M	5M909H	5092M	5M1415P	6765M	3M1367
7100CHA-1X	1B663HDX	139M-1X	5M909HX	5095M	5M1344P	6768M	5M1102
7125CH	1B481H	140M	5M1038H	5099M	5M1566P	6774M	5M1362

**Federal-Mogul to ACL**

# INTERCHANGE

Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #	Federal-Mogul Part #	ACL Part #		
<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Rod Bushing</b>		<b>Thrust Washer Set (Cont'd.)</b>			
6780M	3M2637	7206M	5M2009P	1059Y	RB4070	3954BF	1T1893		
6781M	5M1322	7207M	5M8334	1064Y	RB4065	3956BF	2T8063		
6786M	5M1689	7208M	5M8339	1324Y	RB4022	3971AF	2T1748		
6788M	3M8292	7210M	5M1623	1989Y	RB4113	3977AF	2T2134		
6790M	4M1367	7211M	7M8874P	2019Y20	RB870	4176AF	1T8353		
6791M	3M8293	7212M	5M8138	2134Y	RB2134Y	4191AF	1T8339		
6792M	5M1952	7216M	7M1717P	2304V	AB02127R	4338F	1T2729		
6793M	5M1952	7217M	5M1948P	2304V20	AB02201	4456F	1T1867		
6796M	3M8294	7218M	5M1801P	2404Y20	AB01914	4481F	1T1934		
6797M	5M8334	7241M	4M1494P	3049Y20	AB02495	4693F	1T2952		
6798M	5M8372	7242M	4M2037P	3049YA20	RB3049YA20	4697F	2T8352		
6799M	5M1704	7242MA	4M2037A	3139Y15	RB4002	4706F	1T7214		
6834M	5M1645	7243M.25MM	4M1492P	3569Y	RB4017	4741F	1T8037		
7005M	4M8355	7244M.25MM	4M7154P	3759Y	RB4106	4766F	1T8302		
7011M	4M1702P	7245M	4M2006P	3864Y20	RB3864Y20	4786F	2T8092		
7012M	5M1633	7247M	5M2727	3899Y	RB4087	4806F	1T2964		
7020M	5M2775	7249M	5M2965	3919Y	RB4097	4831W	1T7172		
7021M	5M1382	7256M	5M7146P	3964Y	RB4028	4858F	2T8377		
7029M	7M1507	7257M	5M2952	3969Y	RB4008	4863F	2T8103		
7034M	4M1616P	7261M	4M8063	4399Y	RB4114	4961F	1T611S		
7035M	5M1947	7262MA	4M7262A	67019Y	RB4028	61904BF	2T7899		
7038M	4M7987	7269M10	4M2352P	67264Y	RB4096	65077BF	2T2252		
7044M	5M7704A	7277M	4M2021P	67269Y	RB4081	65527BF	1T3252		
7046M	5M7146P	7278M	4M1946P	67274Y	RB4037	65931AF	1T2407		
7047M	5M1749P	7278MA	4M7278A	67279Y	RB4068	66526AF	1T1649		
7047M	5M7124P	7284M	5M1867	67294Y	RB4040	66676BF	1T8011		
7050M	4M1701P	7285M	5M2747	67304Y	RB4023	66721BF	2T7703		
7054M	5M8511P	7287M	4M1934	67309Y	RB4077	66756BF	1T8342		
7071M	5M1369	7288M	4M2022P	67314Y	RB4072	66761BF	1T1142		
7080M	7M1747	7291M	5M1743P	67319Y	RB4073	67006BF	1T1192		
7086M	4M1782P	7292M	5M2007P	67329Y	RB4058	67033BF	2T7962		
7086MA	4M1782A	7295MA	4M7295A	67364Y	RB4051	67261BF	2T1367		
7090M	4M1149	7296MA	5M7296A	68099YA	RB4053	67271BF	2T8062		
7094M	5M1188	7297MA	6M7296A	68304Y	RB4091	67277BF	2T1689		
7095M	5M8337	7298MA	5M7298A	68309Y	RB4082	67302BF	2T1362		
7096M	5M8392	7303M	5M1644	68314Y	RB4095	67328BF	1T1893		
7097M	5M1103	7310M	5M1538			67332AF	2T1703		
7099M	4M2777	7313M	5M7313P	<b>Thrust Washer Set</b>				67333AF	2T1705
7102M	5M1957	7320M	5M1824	1063AF		1T8337	1T1952		
7103M	5M1937	7321M	5M2056P	1064AF		1T1869	2T1644		
7104M	5M1427	7322M	4M2737	1094AF		1T8355			
7105M	5M8283	7324M	5M1959	1099AF		2T8382			
7106M	7M1884	7325M	5M2034P	1141AF		1T1427			
7108M	5M2329P	7328M	5M2028P	1153AF		2T8283			
7109M	4M8009	7329M10	5M1744P	1203BF		1T1937			
7111M	5M8373	7347M	4M8147	1281AF		2T2775			
7112M	5M1893	7348M	5M1186	1503AF		2T7987			
7114M	4M8063	7349M	5M2729	1586BF		2T1747			
7116M	5M8382	7350M	4M2003P	1731AF		2T8392			
7135M	5M2967	7351M	4M2010P	1736AF		2T1149			
7136M	7M1172	7352M	5M7214A	1826AF		1T1957			
7137M	5M1172	7354MA	5M1853	2056BF		2T4302			
7138M	5M2757	7356M	5M8037	2061AF		2T1777			
7139M	5M1176	7361M	5M8302	2783BFA		2T2944			
7140M	4M8352	7362M	5M8297	2786BF		1T113S			
7141M	5M7141P	7366M	5M8092	2966BF		2T2203			
7142M	5M1703	7369M	5M7164P	2966BFA		2T2204			
7143M	5M1697	7370M	5M2091P	3056AF		2T325S			
7144M	4M1822P	7375M	5M2964	3137BF		2T2682			
7145M	4M7982	7379M	6M2200P	3137BFA		2T2683			
7147M	3M2977	7382MA	4M7172P	3461AFA		2T218S			
7148M	5M1705	7385MA	4M7182P	3567AF		2T4162			
7150M	4M1688P	7386MA	4M7214A	3571BF		1T1824			
7151M10	5M1666P	7391M	5M8378	3571BF		1T3286			
7159M	4M1807P	7392M	7M8103	3911AF		2T8334			
7159M	4M2037P	7411MA	5M8174A	3916AF		2T8372			
7162M	4M1812P	7419M	5M2220A	3921AF		2T1727			
7193MA	5M7193A	935M	4M2002	3926AF		2T1695			
7194M	5M1884	994M	5M429P	3951BF		2T1888			
7200M	5M1815			3952BF		2T1889			
7204M	5M8353								

# INTERCHANGE

**ITM (Repcro) to ACL**

ITM (Repcro) Part #	ACL Part #	ITM (Repcro) Part #	ACL Part #	ITM (Repcro) Part #	ACL Part #	ITM (Repcro) Part #	ACL Part #
<b>All-Round Auxiliary Shaft Bearing</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>	
2C7006	2BS7006	4B2986	4B2986	3M2202	3M2202	5M9336	5M1869
<b>Balance Shaft Bushing</b>		4B3419	4B1490	3M2203	3M2203	5M9350	5M1957
2C0026	2C026S	4B8291	4B8291	3M2204	3M2204	5M9352	5M1959
2C3301	2BS8286	4B8331	4B8331	3M2215	3M2215	5M9356	5M1124
2C3302	2BS8078	4B9302	4B1690	3M2637	3M2637	5M9357	5M1153
2C9215	2BS8453	4B9305	4B1606	3M2977	3M2977	5M9359	5M8092
3C9963	3BS8288	4B9318	4B8336	3M2987	3M2987	5M9364	5M8017
3C9975	3BS8389	4B9401	4B1946	3M4302	3M4302	5M9378	5M8339
3C9977	3BS8387	4B9402	4B1955	3M8295	3M8294	5M9381	5M2952
<b>Camshaft Set</b>		4B9406	4B8360	3M8297	3M8292	5M9384	5M2747
3C4018	3C4018	4B9407	4B1720	3M9297	3M8293	5M9393	5M1801P
3C4036	3C4036	4B9411	4B9411	4M7972	4M7972	5M9400	5M1369
3C4095	3C4095	4B9420	4B1820	4M7982	4M7982	5M9411	5M8382
3C4099	3C4099	4B9422	4B8351	4M8379	4M8379	5M9414	5M8372
3C4306	3C4306	4B9430	4B1780	4M9200	4M2777	5M9422	5M8378
3C6127	3C6127	4B9436	4B8366	4M9212	4M8352	5M9423	5M1867
3C7936	3C7936	4B9450	4B1870	4M9215	4M2003P	5M9428	5M1882
3C8127	3C8127	4B9453	4B1931	4M9218	4M7987	5M9457	5M1827
3C8276	3C8276	4B9460	4B1680	4M9220	4M8063	5M9501	5M2964
3C9966	3C8074	4B9511	4B1956	4M9230	4M1149	5M9502	5M1937
4C7979	4C7979	4B9512	4B1936	4M9340	4M8337	5M9516	5M1202
4C8066	4C8066	4B9517	4B1130	4M9506	4M1934	6M1607	6M1605
4C9206	4C7936	4B9536	4B8140	4M9514	4M8147	7M1164	7M1164
5C4146	5C4146	4B9540	4B1930	4M9517	4M1842	7M1172	7M1172
5C4326	5C4326	4B9544	4B1936	4M9520	4M8063	7M1305	7M1305
5C7969	5C7969	4B9546	4B8016	4M9521	4M1842	7M1388	7M1388
5C8045	5C8045	4B9549	4B8340	4M9522	4M1183	7M2742	7M2742
5C8083	5C8083	4B9552	4B2950	5M1102	5M1102	7M2996	7M2996
5C8094	5C8094	4B9555	4B2746	5M1137	5M1137	7M9505	7M1165
5C8186	5C8186	4B9581	4B8380	5M1139	5M1139	7M9540	7M8103
8C7696	8C7696	4B9584	4B8370	5M1172	5M1172	7M9543	7M7989
<b>Connecting Rod Set</b>		4B9587	4B8281	5M1176	5M1176	<b>Rod Bushing</b>	
3B0002	3B1469P	4B9588	4B8365	5M1186	5M1186	RB4008	RB4008
3B8001	3B8336	4B9591	4B8376	5M1188	5M1188	RB4012	RB4012
4B1043	4B603P	4B9597	4B8290	5M1193	4B8290	RB4017	RB4017
4B1101	4B9623	4B9598	4B8296	5M1623	4B8296	RB4022	RB4022
4B1136	4B9638	4B9610	4B1320	5M1627	4B1320	RB4023	RB4023
4B1146	4B9643	4B9610	4B1830	5M1637	4B1830	RB4028	RB4028
4B1151	4B9644	4B9610	4B2960	5M1689	4B2960	RB4037	RB4037
4B1171	4B1136	4B9623	4B8331	5M1697	4B8331	RB4040	RB4040
4B1185	4B1136	4B9643	4B1201	5M1703	4B1201	RB4051	RB4051
4B1366	4B9644	4B9644	4B1206	5M1705	4B1206	RB4053	RB4053
4B1620	4B1146	5B1636	5B1636	5M1727	5B1636	RB4058	RB4058
4B1626	4B1756	5B9162	5B9162	5M1737	5B9162	RB4059	RB4059
4B1630	4B1171	6B1160	6B1160	5M1748	6B1160	RB4065	RB4065
4B1636	4B1185	6B1171	6B1171	5M1882	6B1171	RB4068	RB4068
4B1686	4B1366	6B1301	6B1301	5M1952	6B1301	RB4070	RB4070
4B1701	4B1620	6B1630	6B1630	5M1952	6B1630	RB4100	RB4100
4B1710	4B1626	6B1656	6B1656	5M1455AL	6B1656	RB4534	RB4071
4B1726	4B1630	6B2740	6B2740	5M2255	6B2740	RB4540	RB4077
4B1736	4B1636	6B2991	6B2991	5M2742	6B2991	RB4543	RB4072
4B1881	4B1686	6B3002	6B3002	5M2757	6B3002	RB4564	RB4105
4B1891	4B1701	6B3004	6B3004	5M2817	6B3004	RB4573	RB4087
4B1950	4B1710	6B3007	6B3007	5M2817	6B3007	RB843	RB843
4B1951	4B1726	6B3008	6B3008	5M2967	6B3008	RB875	RB875
4B2130	4B1736	6B7971	6B7971	5M2967	6B7971	<b>Thrust Washer Set</b>	
4B2201	4B1881	6B8381	6B8381	5M2967	6B8381	1T1000	1T8339
4B2250	4B1891	6B9503	6B9503	5M2967	6B9503	1T1001	1T1957
4B2636	4B1950	6B9512	6B9512	5M2817	6B9512	1T1003	1T1869
4B2740	4B1951	6B9516	6B9516	5M2817	6B9516	1T1022	1T8337
4B2741	4B2130	6B9517	6B9517	5M2817	6B9517	1T1038	1T2964
4B2751	4B2201	6B9518	6B9518	5M2817	6B9518	1T1039	1T1937
4B2816	4B2250	6B9521	6B9521	5M2817	6B9521	1T1044	1T1842
4B2821	4B2636	6B9530	6B9530	5M2817	6B9530	1T1045	1T1204
4B2956	4B2740	6B9554	6B9554	5M2817	6B9554	1T1192	1T1192
4B2980	4B2741	6B9555	6B9555	5M2817	6B9555	1T1952	1T1952
<b>Connecting Rod Set</b>		8B1001	8B1001	5M2817	8B1001	1T2407	1T2407
<b>Main Bearing Set</b>		<b>Main Bearing Set</b>		5M9323	5M9323	1T3252	1T3252
3M1367	3M1367	3M1367	3M1367	5M9325	5M9325		
				5M9326	5M9326		
				5M9329	5M9329		

**ITM (Repc) to ACL**

# INTERCHANGE

ITM (Repc) Part #	ACL Part #	ITM (Repc) Part #	ACL Part #	ITM (Repc) Part #	ACL Part #	ITM (Repc) Part #	ACL Part #
<b>Thrust Washer Set (Cont'd.)</b>							
1T4400	1T8017						
1T4405	1T1867						
1T8302	1T8302						
1T9966	1T1824						
1T9966	1T3286						
1T9969	1T1934						
1T9970	1T8353						
2T1016	2T8382						
2T1020	2T8377						
2T1200	1T1219						
2T1367	2T1367						
2T1500	2T2633						
2T1689	2T1689						
2T1703	2T1703						
2T1705	2T1705						
2T2204	2T2204						
2T2252	2T2252						
2T3001	2T8103						
2T4162	2T4162						
2T4302	2T4302						
2T4305	2T8063						
2T4310	2T1149						
2T4312	2T8372						
2T4313	1T1183						
2T4403	1T2952						
2T7962	2T7962						
2T8062	2T8062						
2T8379	2T8379						
2T9304	2T1695						
2T9962	2T8334						
2T9971	2T8352						
2T9972	2T2134						
2T9975	2T7987						
2T9979	2T7989						

# INTERCHANGE

**King to ACL**

King Part #	ACL Part #	King Part #	ACL Part #	King Part #	ACL Part #	King Part #	ACL Part #
<b>All-Round Auxiliary Shaft Bearing</b>		<b>Camshaft Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>	
CS230BB	2C1209S	CS517BB	5C1111S	CR4141AM	4B1820	CR4494AM	4B610A
CS328BB	2C1095S	CS524BB	5C616S	CR4149SI	4B1623P	CR4495AM	4B8331
<b>Balance Shaft Bushing</b>		CS525BB	5C1300SW	CR4150SI	4B4135A	CR4497AM	4B1736
CS202AM	2BS8453	CS526BB	5C671S	CR4157AM	4B1201	CR454AM	4B1012
CS228BB	2C026S	CS527BB	5C1112S	CR4159AM	4B1756	CR464AM	4B2681
CS231BB	2BS1445S	CS528BB	5C1195S	CR4162CP	4B2966	CR464CP	4B2679
CS327BB	3BS8288	CS529BB	5C4146	CR417AM	4B2201	CR468AM	4B2661
<b>Cam Tower Repair Insert</b>		CS530BB	5C426S	CR4183AM	4B1635PO/S2	CR472AM	4B1366
CS6601BB	6C1300S	CS531BB	5C716S	CR4186CP	4B1776	CR474AM	4B1320
<b>Camshaft Set</b>		CS532BB	5C1092S	CR4187AM	4B1720	CR501AM	5B1636
CS305BB	3C4036	CS533BB	5C876S	CR4189AM	4B8285	CR502CP	5B1606
CS307BB	3C733S	CS534BB	5C287S	CR418AM	4B1350	CR605AM	6B1238P
CS309BB	3C4018	CS535BB	5C1300S	CR4190AM	4B8375	CR605SI	6B1238A
CS317BB	3C7936	CS536BB	5C1199S	CR4195AM	4B1635P	CR614AM	6B606AL
CS319BB	3C4095	CS537BB	5C530S	CR4209CP	4B8366	CR618AM	6B583P
CS320BB	3C4099	CS801AM	8C7696	CR420AM	4B1891	CR624AM	6B745P
CS325BB	3C1030S	<b>Connecting Rod Set</b>		CR4215AM	4B8370	CR625AM	6B2406
CS326BB	3C1305S	CR1039SI	10B1442P	CR4216AM	4B8371	CR640AM	6B699P
CS329BB	3C6127	CR301AM	3B1012	CR4217AM	4B1685	CR641AM	6B663P
CS330BB	3C8276	CR306AM	3B8010	CR4219AM	4B8376	CR642AM	6B723P
CS332BB	3C711S	CR307AM	3B8336	CR421AM	4B1175P	CR648AM	6B960P
CS401BB	4C874S	CR312AM	3B1469P	CR422AM	4B7891	CR6605AM	6B1160
CS402BB	4C399S	CR4002AM	4B8351	CR4235AM	4B1206	CR6606AM	6B7971
CS403BB	4C399S	CR4004AM	4B1870	CR4242AM	4B1910	CR6607AM	6B1171
CS405BB	4C718S	CR4005AM	4B2770	CR424AM	4B1269P	CR6608AM	6B1301
CS410BB	4C654S	CR4008AM	4B1881	CR4255AM	4B1647P	CR6609AM	6B1486
CS412BB	4C8066	CR4008AM	4B2821	CR4256AM	4B4565P	CR6610AM	6B2741
CS413BB	4C8076	CR4009AM	4B583P	CR4257AM	4B1926	CR6612AM	6B2740
CS414BB	4C1089S	CR4010AM	4B1383P	CR4258AM	4B1930	CR6614AM	6B610A
CS415BB	4C1031S	CR4017AM	4B1408P	CR4259AM	4B1931	CR6615AM	6B1214AL
CS416BB	4C1115S	CR4018AM	4B8360	CR4261AM	4B1460P	CR6616AM	6B1228P
CS417BB	4C777S	CR401AM	4B9955	CR4262AM	4B8306	CR6618AM	6B1227P
CS417BBX	4C777BS	CR4020AM	4B8336	CR4263AM	4B1851	CR6619AM	6B1283P
CS418BB	4C703S	CR4021AM	4B1380P	CR4269AM	4B1890	CR6624AM	6B2390
CS419BB	4C567S	CR4022AM	4B960P	CR426AM	4B1620	CR6625AM	6B1358P
CS420BB	4C1031BS	CR4023AM	4B960P	CR4271AM	4B4565PO/S2	CR6625SI	6B1358A
CS421BB	4C1246S	CR4027AM	4B8380	CR4287AM	4B1925	CR6627AM	6B1630
CS422BB	4C549S	CR4028AM	4B8281	CR4295AM	4B1750	CR6629AM	6B1140
CS423BB	4C1251S	CR4032AM	4B1780	CR429AM	4B1710	CR6634AM	6B8040
CS424BB	4C1002BS	CR4033AM	4B1936	CR436AM	4B1276P	CR6636AM	6B1387P
CS425BB	4C048S	CR4040AM	4B1810	CR437AM	4B1076	CR6641AM	6B8060
CS426BB	4C1197S	CR4043CP	2B1886	CR438AM	4B1841	CR6651AM	6B1366
CS427BB	4C1254S	CR4046AM	4B1956	CR439AM	4B1946	CR6655AM	6B8350
CS428BB	4C1102SW	CR4049AM	4B1130	CR4403AM	4B2250	CR6664AM	6B1443P
CS429BB	4C1102S	CR4053AM	4B1426	CR4406AM	4B2741	CR6669AM	6B8061
CS430BB	4C1114S	CR4055AM	4B1820	CR4414CP	4B1836	CR6675AM	6B1410A
CS431BB	4C1405S	CR4056AM	4B8340	CR4421AM	4B1110	CR6676AM	6B2390
CS432BB	4C1447S	CR4059AM	4B1388P	CR4423AM	4B745P	CR6680SI	6B1238AO/S2
CS434BB	4C383S	CR405AM	4B2130	CR4424AM	4B2636	CR6683SI	6B1358PO/S2
CS435BB	4C1351S	CR4065AM	4B2746	CR4429AM	4B2980	CR6684AM	6B1228PO/S2
CS4401BB	4C1812S	CR407AM	4B1630	CR4430AM	4B2986	CR6685AM	6B1840
CS4402BB	4C1254BS	CR4085AM	4B1686	CR4431AM	4B1171	CR6686AM	6B8381
CS4403BB	4C1441S	CR4093AM	4B1726	CR4434AM	4B2816	CR6698CP	6B2966
CS4404BB	5C615S	CR4096AM	4B8140	CR4436AM	4B1141	CR6712AM	6B4500P
CS504BB	5C8186	CR409AM	4B2451	CR4440AM	4B943P	CR6712SI	6B4500A
CS507BB	5C290S	CR4102AM	4B1730	CR4441AM	4B2206	CR6713CP	6B1746
CS507HP	5C3349C	CR4104AM	4B1606	CR4442AM	4B2956	CR6714CP	6B1760
CS508BB	5C680S	CR4105AM	4B8300	CR4443AM	4B2751	CR6716AM	6B8396
CS509BB	5C638S	CR4106AM	4B2322A	CR4445AM	4B8291	CR6717AM	6B1360
CS510BB	5C1088S	CR410AM	4B603P	CR4446AM	4B1101	CR6718AM	6B7986
CS511BB	5C292S	CR4119AM	4B8036	CR4451AM	4B2740	CR6735AM	6B1180
CS512BB	5C875S	CR411AM	4B1636	CR4461AM	4B1151	CR6738AM	6B1935
CS514BB	5C510S	CR4120AM	4B1185	CR4462AM	4B1950	CR673AM	6B2681
CS514HP	5C1321S	CR4121AM	4B1680	CR4463AM	4B1951	CR673CP	6B2679
CS515BB	5C781S	CR4125AM	4B8296	CR4466AM	4B1136	CR6751SI	6B4395A
CS516BB	5C710S	CR4127AM	4B7700A	CR4476AM	4B984P	CR6752AM	6B2630
		CR4129AM	4B1701	CR4481AM	4B1146	CR6753AM	6B1470AL
		CR4135AM	4B8365	CR4482AM	4B1216P	CR6754CP	6B8100
		CR4136AM	4B2960	CR4485AM	4B1626	CR6780SI	6B7170A
		CR413AM	4B1690	CR4489AM	4B8341	CR6781SI	6B7170AO/S2
				CR448AM	4B2406	CR6791AM	6B8146

# INTERCHANGE

King Part #	ACL Part #	King Part #	ACL Part #	King Part #	ACL Part #	King Part #	ACL Part #
<b>Connecting Rod Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>	
CR691AM	6B1385P	MB4040AM	4M2010P	MB5143HP	5M1038H	MB545AM	5M1084P
CR696AM	6B1170	MB4050AM	4M1183	MB5144AM	5M1727	MB546AM	5M1139
CR697CP	6B2991	MB4052SI	4M1782A	MB5145AM	5M1728	MB547AM	5M1697
CR8002SI	8B7210A	MB4056SI	4M7262A	MB5147HP	5M829H	MB549AM	5M2757
CR803AM	8B745P	MB4057AM	4M1933	MB5148AM	5M1948P	MB5501AM	5M8342
CR804AM	8B634P	MB4058AM	4M2633	MB5157AM	5M1827	MB5502AM	5M1050P
CR804SI	8B634A	MB4059AM	4M2005P	MB5158AM	5M2134	MB5503AM	5M1010P
CR805AM	8B481P	MB4060AM	4M7278A	MB5159AM	5M1369	MB5504AM	5M981P
CR806CP	8B527P	MB4074SI	4M7172P	MB5168AM	5M1937	MB5504SI	5M981A
CR807AM	8B663P	MB407AM	4M517AL	MB5171AM	5M8302	MB5505AM	5M1432P
CR807SI	8B663A	MB4080AM	4M2037P	MB5176AM	5M8037	MB5507AM	5M1455AL
CR808AM	8B743P	MB4080SI	4M2037A	MB5179AM	5M2329P	MB5510AM	5M8334
CR809AM	8B760P	MB416AM	4M8011	MB517AM	5M1266P	MB5511CP	5M483G
CR811AM	8B610A	MB427AM	4M1494P	MB5181CP	5M1563P	MB5512AM	5M1039P
CR813AM	8B927P	MB429AM	4M7982	MB5182AM	5M7704A	MB5514AM	5M805P
CR814AM	8B831P	MB431AM	4M860P	MB5183AM	5M1744P	MB5516AM	5M1457P
CR815AM	8B758P	MB432AM	4M2407	MB5184AM	5M1626P	MB5517AM	5M1415P
CR816CP	8B818P	MB434AM	4M7972	MB5186AM	5M982P	MB5518AM	5M1041P
CR817AM	8B684P	MB435AM	4M1346P	MB5195AM	5M1143	MB5519AM	5M1801P
CR818AM	8B960P	MB438AM	4M1419AL	MB519AM	5M2682	MB551AM	5M1102
CR819CP	8B1351P	MB440AM	4M2942	MB5201AM	5M1036P	MB5520AM	5M1549P
CR827AM	8B581P	MB443AM	4M960P	MB5204AM	5M2119P	MB5521AM	5M1533P
CR828CP	8B1230P	MB445AM	4M1454P	MB5209AM	5M1186	MB5522CP	5M7146P
CR829CP	8B1327P	MB445SI	4M1454A	MB520AM	5M2255	MB5523CP	5M443P
CR840HP	1B527HD	MB446AM	4M1561P	MB5212AM	5M1745P	MB5523CP	5M496P
CR845AM	8B762P	MB454AM	4M8337	MB5216AM	5M2372P	MB5525AM	5M1557P
CR848HP	1B663H	MB458AM	4M1149	MB5219AM	5M7141P	MB5527AM	5M1695
CR849HP	1B743H	MB459AM	4M1702P	MB521AM	5M1737	MB5528AM	5M8134
CR851HP	1B745H	MB461AM	4M2003P	MB5225AM	5M8137	MB552AM	5M1689
CR854HP	1B634H	MB463AM	4M1701P	MB5226AM	5M8138	MB5530AM	5M1524P
CR865SI	8B663AO/S2	MB465AM	4M8063	MB5227AM	5M1144	MB5531AM	5M1567P
CR868AM	8B1442A	MB473AM	4M1367	MB5228AM	5M1137	MB5532AM	5M1733P
CR871SI	8B634AO/S2	MB474AM	4M8352	MB5229AM	5M2967	MB5533AM	5M1643P
CR872SI	8B831PO/S2	MB480AM	4M1822P	MB5230AM	5M1623	MB5534AM	5M1344P
CR873CP	8B1286P	MB482AM	4M1747P	MB5231AM	5M1172	MB5537AM	5M8353
CR874HP	1B818H	MB483AM	4M1688P	MB5232AM	5M1633	MB5540AM	5M1869
CR881SI	8B1442AO/S2	MB485AM	4M7122P	MB5233AM	5M1176	MB5545AM	5M2769
CR888CP	8B8091	MB486AM	4M7154P	MB5234AM	5M8297	MB5547AM	5M1629P
		MB490AM	4M8009	MB5237AM	5M1124	MB554AM	5M429P
		MB491AM	4M1493P	MB523AM	5M2742	MB5554AM	5M8361
		MB495AM	4M2737	MB5242HP	5M1039H	MB5556AM	5M8337
		MB496AM	4M8147	MB5243AM	5M2964	MB5557AM	5M7124P
		MB497AM	4M1946P	MB5244AM	5M1932	MB5558AM	5M1706P
		MB498AM	4M2037P	MB5245AM	5M2747	MB5559AM	5M1882
		MB5000AM	5M2942	MB5247AM	5M2325	MB555AM	5M876P
		MB5007SI	5M2009P	MB5256AM	5M1204	MB5560AM	5M1568P
		MB5008SI	5M7193A	MB5257AM	5M2091P	MB5563AM	5M8282
		MB5022AM	5M1202	MB5259AM	5M1959	MB5564AM	5M8382
		MB5029CP	5M2965	MB5263AM	5M2034P	MB5568AM	5M1957
		MB5052AM	5M2028P	MB5270AM	5M7313P	MB556AM	5M829P
		MB5056AM	5M1392	MB5278AM	5M1743P	MB5576AM	5M1815
		MB5057AM	5M1777	MB5280AM	5M7296A	MB5579AM	5M1884
		MB5059AM	5M8283	MB5284SI	5M7214A	MB557AM	5M909P
		MB5060AM	5M8374	MB5285AM	5M8307	MB557SI	5M909A
		MB5065AM	5M4372P	MB5286AM	5M8092	MB5581AM	5M2952
		MB506AM	5M1705	MB5287AM	5M1853	MB5583AM	5M1382
		MB5070AM	5M1645	MB5292AM	5M1633	MB5586AM	5M1824
		MB5085AM	5M8372	MB5293SI	5M7298A	MB5587AM	5M8339
		MB5086AM	5M8373	MB5296AM	5M1893	MB558AM	5M540P
		MB5088AM	5M1749P	MB529AM	5M590P	MB5590AM	5M8511P
		MB5089AM	5M7164P	MB529SI	5M590A	MB5597AM	5M516P
		MB5097AM	5M8378	MB5304AM	5M8353	MB5598AM	5M1460P
		MB509AM	5M8133	MB5310CP	5M1837	MB5599AM	5M1596P
		MB510AM	5M1038P	MB5332CP	5M1748	MB559AM	5M863P
		MB511AM	5M1051P	MB5353SI	5M2007P	MB563AM	5M1344P
		MB512AM	5M1112	MB5359AM	5M8142	MB570AM	5M1947
		MB5128AM	5M1867	MB535AM	5M1704	MB572AM	5M1627
		MB5129AM	5M1677	MB5367AM	5M2056P	MB573AM	5M1952
		MB5136CP	5M742P	MB5373AM	5M2952	MB580AM	5M1703
		MB5142HP	5M1894	MB540AM	5M2817	MB582AM	5M1117P
			5M909H	MB542AM	5M7899	MB591AM	5M1147



# INTERCHANGE

King to ACL

King Part #	ACL Part #	King Part #	ACL Part #	King Part #	ACL Part #	King Part #	ACL Part #
<b>Main Bearing Set (Cont'd.)</b>		<b>Thrust Washer Set (Cont'd.)</b>					
MB592AM	5M1424P	TW249AM	2T8063				
MB597AM	5M1322	TW256AM	2T8352				
MB601AM	6M1605	TW268AM	2T2134				
MB621SI	6M7296A	TW271AM	2T2633				
MB7006CP	7M2965	TW272AM	2T1367				
MB7008AM	7M2394H	TW285AM	2T8377				
MB7026CP	7M1305						
MB7028AM	7M8397						
MB7029AM	7M1388						
MB7030CP	7M1747						
MB7084AM	7M8103						
MB752AM	7M617P						
MB760AM	7M979P						
MB762AM	7M771P						
MB763AM	7M704P						
MB767AM	7M1164						
MB770AM	7M1507						
MB7713CP	7M1884						
MB7719AM	7M8874P						
MB771CP	7M2996						
MB7725AM	7M2193P						
MB7732AM	7M1172						
MB773AM	7M2742						
MB785AM	7M1389P						
MB787AM	7M1165						
MB788CP	7M2997						
MS727AM	7M2682						
<b>Thrust Washer Set</b>							
TW106AM	1T113S						
TW109AM	1T2407						
TW110AM	1T1952						
TW118AM	1T3286						
TW126AM	1T1824						
TW131AM	1T8011						
TW133AM	1T8353						
TW134AM	1T8337						
TW138AM	1T2952						
TW139AM	1T2964						
TW140AM	1T1957						
TW141AM	1T1869						
TW142AM	1T1867						
TW143AM	1T8037						
TW144AM	1T8339						
TW151AM	1T1934						
TW158AM	1T1183						
TW168AM	1T8307						
TW170AM	1T7172						
TW171AM	1T1842						
TW172AM	1T1649						
TW2002AM	1T2952						
TW204AM	2T4302						
TW206AM	2T2203						
TW208AM	2T2683						
TW210AM	2T7962						
TW214AM	2T218S						
TW215AM	2T2204						
TW216AM	2T2252						
TW222AM	2T4162						
TW223AM	2T325S						
TW224AM	1T1649						
TW225AM	2T8062						
TW226AM	2T1689						
TW227AM	2T8334						
TW230AM	2T1703						
TW231AM	2T1695						
TW234AM	2T1705						
TW246AM	2T7703						
TW247AM	2T1149						
TW248AM	2T8382						

# INTERCHANGE

OE Part #	ACL Part #	OE Part #	ACL Part #	OE Part #	ACL Part #	OE Part #	ACL Part #
<b>Balance Shaft Bushing</b>		<b>Camshaft Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Connecting Rod Set (Cont'd.)</b>	
11022-33010	2BS8286	9-11693-035-0	6C8081	13041-22023	4B1851	201-10040	1B2561
11022-41010	2BS8078	9-11696-035	4C8081	13041-42010	6B1170	201-30221	1B2553
11811-0H010	4BS8416A	C2OZ6261A	5C510S	13041-54041	4B1720	201-44960	1B2560
11871-41010	2BS8078	C2OZ6262A	5C510S	13041-56030-01/02	4B8375	201-44970	1B2560
<b>Camshaft Set</b>		C2OZ6262A	5C710S	13041-56040	4B8285	201-50971	1B2566
11802-13020	4C8066	C2OZ6263A	5C510S	13041-62010	6B8040	201-80120	1B2550
11802-25011	5C8186	C2OZ6263A	5C710S	13041-62020-01-05	6B8061	207044	1B2901
11802-33010	4C8076	C2OZ6267A	5C510S	13041-63020	4B8360	21018825	4B2296A
11802-40010	5C7969	C2OZ6267A	5C710S	13041-64010	4B8370	23060-23140	4B1206
11802-46010	4C8056	C2OZ6270A	5C510S	13041-64050	4B8371	23060-26040	4B1201
11802-48010	4C8065	C2OZ6270A	5C710S	13041-65020	6B8060	23060-26640	4B1201
11802-54010	3C8074	<b>Connecting Rod Set</b>		13041-66020	6B7990	23060-37200	6B1210A
11802-54020	5C8094	0222-23-105A	4B1151	13041-68040	6B1360	291-50040	1B2530
11802-56010	3C8071	034 105 701B40Z	4B1606H	13041-68050	6B1376	31126311	4B2681
11802-56011	3C8071	04796546AB	6B7170A	13041-71020	4B8281	31131171	3B1012
11802-56020	5C8215	05019447AA	6B7200A	13041-74030	4B8365	347002	8B743P
11802-56021	5C8217	0552-23-105A	4B1756	13041-75010	4B8376	351-50040	1B2540
11802-56030	5C8205	0571-23-105	4B1155	13041-87102-01-05	4B8016	3829081	8B663P
11802-60011	4C7979	0784-23-105	6B1746	13041-88360/01-03	4B8366	3832925	8B743P
11802-68011	4C8052	1115A104	4B8050A	13041-88600	4B1856	392989	1B2496
11802-71010	5C8045	12100-60821-OAO	4B8340	13202-13010	4B1101	3975-23-105	4B1626
11811-0H020	1C8415A	12100-82810	3B8336	13202-22010	4B1101	5-12271-002	2B1886
11821-0H020	1C8415A	12100-82810	4B8336	13202-25010	4B1686	5-12271-005	4B1320
1234441	4C1031S	12100-85822-OAO	4B8306	13202-38011	4B1701	5-12271-010	2B1886
13002-08000	3C4018	12108-AA000	4B8290	13202-40021	4B2986	5012363BA	8B7210A
13002-37500	3C4036	12108-AA210	4B8296	13202-440112	4B2980	5458450	6B610P
13002-59000	4C4286	12111-01B10	4B2770	13202-44012	4B2980	5463932	6B610P
13002-61500	4C4036	12111-01T00	4B2776	13202-45011	6B1160	5468919	6B610P
13002-71204	3C4036	12111-11M00	4B1620	13202-48010	4B1361	570-12170	1B2566
13002-90010	4C4042	12111-16700	4B2636	13202-54010	4B1726	570-12180	1B2561
13002-B50000	3C4018	12111-20910	4B2956	13202-56010	4B1786	570-12980	1B2550
13002-H1020	5C4146	12111-31U10	6B2630	13202-58010	4B8280	570-31370	1B2553
13006-32200	3C4018	12111-40F00	4B2746	13202-60011	6B7971	570-36150	1B2560
13008-30803	3C4018	12111-40V10	6B2390	13202-60011	4B1426	572-11940	1B2530
1368482	4C1031BS	12111-43G01	4B2966	13202-60011	4B1426	572-50650	1B2540
1368482	4C1031S	12111-43G01	6B2966	13202-60011	3B8010	601-30041	1B2546
1368482	4C1246S	12111-4W-001	6B2640	13202-60011	4B1730	601-60520	1B2546
24501060	4C1448S	12111-58010	6B1301	13204-54013	4B1730	601-60520	1B2546
25524301	4C1246S	12111-60J00	4B2960	13204-61020	6B7986	8-94125-747-0	4B1890
305-23-250	3C8276	12111-67500	6B2390	13211-17-PC-004	4B1926	8-94151-531/532	4B1870
3723584	4C1089S	12111-73400	4B1171	13211-634-003/4	4B1950	8-94151-604	4B1816
3723584	4C1351S	12111-73400	6B1171	13211-P30-004	4B1910	8-94151-604-0	4B1816
3723584	5C290S	12111-77A00	4B2950	13211-PA5-003/4	4B1950	8-94221-167	4B1881
3723585	4C1089S	12111-85112	4B2751	13211-PB9-003/4	4B1950	8-94251-266	4B2821
3723585	4C1351S	12111-D0210	6B1630	13211-PC1-0030	4B1951	8-94251-266-0	4B2821
3723585	5C290S	12111-V7200	6B2930	13211-PC6-003	4B1946	8-94440-093/095	4B1820
3723586	4C1089S	12111-V9400	4B1630	13211-PD1-003/4	4B1950	8-94462-943-0	4B1830
3723586	4C1351S	12111-Z5500	4B2776	13211-PD2-004	4B1946	8-97045800-0	4B1836
3723586	5C290S	12117-37504	4B1366	13211-PE1-003	4B1955	8-9707-2986-0	6B1840
3859923	5C615S	12117-37505	6B1366	13211-PEO-003/4	4B1930	8034-23-105	4B8331
3967808	5C615S	12117-96000	6B2716	13211-PEO-6610	4B1931	88291-7900	4B8291
3967808	5C616S	12181-73001	3B8341	13211-PG6-004	4B1956	88291-8610	4B8291
3967809	5C615S	12181-73001	4B8341	13211-PH3-004	4B1936	9-12271-143	4B2816
3967809	5C616S	12207-01M00	4B1620	13211-PH7-013	6B1935	9-12271-608	2B1886
3967810	5C615S	12217-96000	6B2716	13211-PR4-A01/2	4B1946	92028811	4B1408P
3967810	5C616S	12482716	4B2290A	13213-P0G-A01	6B1935	957E-6211A	3B1012
5-11610-002-0	3C8127	12482716	5B2290A	13214-P72-003	4B1925	AF801-11225	4B2130
5-11611-002	3C6127	12482716	6B2290A	13214-PAH-T01	4B1925	B3Y0-11-SEO	4B8331
5-11611-010-0	5C8083	13025-P12-800	4B1936	13214-PH3-004	4B1936	B6Y0-11-SEO	4B8351
5-11611-010-1	5C8083	13025-P13-801	4B1936	13214-PLM-A02	4B1980	C90E-6211A	8B831P
8-94168-556	3C8084	13025-P14-800	4B1936	13214-PRB-A01	4B1972H	C90Z-6211A	8B831P
9-11396-035	4C8081	13041-10020-1/3	4B8390	13281-OH020	4B8411A	D1ZZ-6211A	8B927P
9-11610-032-0	3C8116	13041-11020	4B8380	13321-PEO-661	4B1931	DOAE-6211A	8B927P
9-11610-602-0	3C8116	13041-15011	4B1690	1363-11-225	4B1776	DOAZ-6211A	8B927P
9-11691-048	4C8081	13041-15030	4B1710	1456-23-105A	4B1750	F801-23-105C	4B2130
9-11691-048	6C8081	13041-16070-01	4B1780	149549	4B2406	FEYA-11-SEO	4B8140
9-11691-048-0	3C8081	13041-16090	4B1680	149801	4B2406	FSY1-11-SEO	4B8300
9-11693-035	6C8081	13041-17010-02/06	6B8396	18005282	6B1228P	JA07233	4B9955
9-11693-035-0	3C8081	13041-20010-01	6B8381	18005399	6B1228P	JEY1-11-SEO	6B8350
				18012481	6B1358P	K8Y1-11-SEOA	6B8146
				18017986	6B1443P	KJY1-11-SEO	6B8350
				1S7E-6211-BB	4B4390	L3Y1-11-SEO	4B8170A



# INTERCHANGE

OE to ACL

OE Part #	ACL Part #	OE Part #	ACL Part #	OE Part #	ACL Part #	OE Part #	ACL Part #
<b>Connecting Rod Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>	
MD002843	4B1146	11702-87703	4M8011	201-30230	1M2554	392994	3M7942
MD010704	4B1146	11702-87705	4M8009	201-30231	1M2559	462661/4	4M1454P
MD010859	4B1141	11702-87710	4M8009	201-30240	1M2554	48543-7000	3M8294
MD026430	4B1136	11704-22010	5M1853	201-30240	1M2559	5-11510-006	5M1193
MD030516	4B1736	11704-22030	5M1853	201-50060	2M2567	5-11510-020	5M1193
MD040704	4B1146	11711-0H020	5M8412A	201-50060	3M2567	5-11510-021	5M1322
MD105277	6B1140	12207-01M000	5M1623	201-50060	4M2567	5-11510-048-1	7M1888
MD143090	4B1130	12207-06J11	7M2965	201-50200	2M2567	5-11510-060	5M1894
MD174884	4B8036A	12207-23001	5M1172	201-50200	3M2567	5-11510-064-0	5M1884
MD177046	4B8036A	12207-31U01	4M2633	201-50200	4M2567	5-11685-001-0	5M1884
MD195939	4B1185	12207-37506	3M1367	201-50210	2M2567	5003962AA	4M7182P
MD311930	6B1180	12207-40F00	5M2747	201-50210	3M2567	5013586BA	5M7214A
MDOZ6430	4B1136	12207-42L00	7M2394	201-50210	4M2567	570-11171	3M2567
OK3Y0 11 SEO	4B8150	12207-4M500	5M2949A	201-50961	3M2567	570-11171	4M2567
OK9Y011SEO	4B8140	12207-54T10	5M2965	201-50961	4M2567	570-12970	1M2551
PN11-11-SEO	4B8330	12207-60J00	5M2964	201-50971	3M2567	570-12990	1M2552
V101-23-105	6B1760	12207-61507	4M1367	201-50971	4M2567	570-30010	1M2554
		12207-73400	7M1172	201-80080	1M2551	570-30011	1M2559
		12207-77A00	5M2952	201-80090	1M2551	601-30060	2M2547
		12207-C6000	7M1305	202-11972	3DM2562	601-30200	2M2547
		12207-E0702	5M2757	202-11972	4DM2562	601-30210	2M2547
		12207-J6500	5M2775	202-80620	1M2552	8-94104-726-0	5M1188
		12207-M7201	5M2967	204887	3M7612	8-94118-830-0	5M1188
		12207-U6001	5M1176	204887	3M7614	8-94118-830-0	5M1827
		12207-V1701	5M1369	206144	2M7612	8-94151-528-301	5M1869
		12209-AA000	5M8297	206144	2M7614	8-94154-014-017	5M1819
		12215-01B10	5M2769	206144	3M7612	8-94168-552-0	5M1893
		12215-02P25	4M2777	206144	3M7614	8-94168-553-0	5M1892
		12216-01B10	5M2769	21020-23140	5M1204	8-94215-641	5M2817
		12231-13200	3M2215	21020-26040	5M1202	8-94220-828	5M1883
		12300-73811	5M8342	21020-26220	5M1202	8-94232-051	5M1882
		12300-78812	4M8355	21020-37921	4M1215A	8-94251-263-1	5M1882
		12331-01W10	3M2637	21211-37140	4M1215A	8-94360-465-0	5M1867
		12340-60A10-OCO	5M8339	21213-37140	4M1215A	8-94360-468-0	5M1867
		12340-82000	4M8337	258403	2M7614	8-94457-034-037	5M1869
		12340-82000	5M8337	258403	3M7614	8-94496-580/582	5M1824
		12340-85FB0-OAO	5M8307	264904	2M7942	8-97045915-0	5M1837
		12341A60D00-OAO	4M1267A	264905	2M7942	8-9707-2980-0	4M1842
		12480252	4M7189A	264905	3M7942	8-9707-2982-0	4M1842
		12480253	4M7189A	270906	5M2727	88265-8830	3M8292
		12480254	4M7189A	271236	5M2729	88265-8840	3M8293
		12591252	4M7189A	294904	3M7942	9-11510-609	5M2817
		13221-634-0030	5M1952	31121221	4M2942	92017650	5M1549P
		13321-PC6-003	5M1947	31121271	4M2942	92017651	5M1549P
		13321-PCO-004	5M1932	31122311	4M2942	992-5113-98110	5M1427
		13321-PCX-003	5M1913H	31122321	4M2942	AF801-11351A	5M8134
		13321-PEO-662	5M1932	31126361	5M2682	B6Y1-11-SGO	5M8353
		13321-PK1-7511	5M1957	31126371	5M2682	B6YO-11-SGO	5M8354
		13321-PL2-004	4M1934	31126381	5M2682	C3AZ-6333A	5M590P
		13321-PR3-003	5M1959	31126391	5M2682	C3AZ-6333H	5M590P
		13321-PTO-004	5M1937	3114440	3M9958	C3AZ-6333P	5M590P
		13322-PCX-003	5M1913H	347013	5M829P	C3AZ-6337A	5M590P
		13322-PL2-J02	4M1933	347018	5M829P	C3AZ-6337H	5M590P
		13323-PCX-003	5M1913H	351-10060	1M2533	C3AZ-6337P	5M590P
		13324-PCX-003	5M1913H	351-16190	1M2533	D1AZ-6337A	5M1432P
		13325-PCX-003	5M1913H	351-16200	1M2533	D7AZ-6333A	5M1432P
		13326-PCX-003	5M1913H	351-50260	1M2545	D7AZ-6333A	5M981P
		13341-PL2-003	4M1934	351-50270	1M2545	D7AZ-6333G	5M1432P
		13341-PR3-003	5M1959	351-50280	1M2545	D7AZ-6337A	5M1432P
		13343-PL2-J01	4M1933	352-12671	1M2534	D7AZ-6337A	5M981P
		1396469	4M960P	352-32451	1M2534	DIZZ-6333A	5M1010P
		1396496	4M960P	352-32461	1M2534	DIZZ-6337A	5M1010P
		1441194	3M2407	352-50620	1M2544	E301-23-151	5M8334
		1456-23-110	5M1748	352-50630	1M2544	F801-23-151	5M8134
		149550	3M2407	352-50640	1M2544	FE1H-11-SGO	5M8133
		201-12910	2DM2562	3876080	5M829P	FSY1-11-SGOA	5M8302
		201-12910	3DM2562	3876085	5M829P	G601-11-SGO	5M8138
		201-12910	4DM2562	3912030	4M1454P	JEYO-11-SGO	4M8352
		201-12920	2DM2562	3912030	5M909P	JFY1-11-SGOA	4M8352
		201-12920	3DM2562	3912038	4M1454P	KK1Y0 11 SGO	5M8353
		201-12920	4DM2562	3912038	5M909P	KLY1-11-SGOB	4M8147

**OE to ACL**

# INTERCHANGE

OE Part #	ACL Part #	OE Part #	ACL Part #	OE Part #	ACL Part #	OE Part #	ACL Part #
<b>Main Bearing Set (Cont'd.)</b>		<b>Rod Bushing (Cont'd.)</b>		<b>Thrust Washer Set (Cont'd.)</b>			
LFY1-11-SGO	5M8174A	90999-73135	RB4098	202-36870	1T2555		
LFY1-11-SJO	5M8174A	957E-6207	RB870	206142	2T7612		
MD002273	5M1147	991-4113-1381	RB4022	21030-23000	1T1204		
MD002343	5M1147	992-4113-1381	RB4022	21030-37100	2T1215		
MD0026440	5M1139	MD050009	RB4091	21030-37200	2T1215		
MD010780	3M1142	RF01-11-213	RB4077	257762	2T7942		
MD030573	5M1737	SEO1-11-213	RB4088	31137171	2T2944		
MD040682	5M1144	SL01-11-213	RB4078	31137175	2T2682		
MD050360	5M1137			31137181	2T2682		
MD105269	4M1149	<b>Thrust Washer Set</b>		31137311	2T2683		
MD147999	5M1124	0305-23-201B	2T4162	31137321	2T2683		
MD174857	5M8037	04792020	1T7172	351-10870	2T2534		
MD195916	5M1186	0636-23-115	2T1747	351-37250	2T2534		
MD197909	4M1183	0920849	2T2944	351-37260	2T2534		
OKFY011SGO	5M8142	11011-10010	2T8392	351-50290	2T2545		
RF01-23-135A	5M2134	11011-10020	2T8392	351-53610	2T2545		
SL01-23-110	5M1777	11011-11020	2T8382	351-53620	2T2545		
V101-23-110	7M1747	11011-15010	2T1695	367810	2T7942		
<b>Rod Bushing</b>		11011-17010	2T8397	5-11685-001	2T1889		
0107-11-212	RB4017	11011-20020	2T8379	5113-1394-00	1T1427		
0249-11-213	RB4024	11011-22010	2T8062	570-12960	2T1642		
056 105431	RB4053	11011-22011	2T8062	570-31360	1T2555		
0636-11-213	RB4059	11011-25010	2T1689	8-94125-752-0	1T1192		
1-225-1027-0	RB4073	11011-35020	2T1705	8-94130-923-0	1T1893		
12030-37500	RB4022	11011-38010	2T1703	8-94210-750	1T3286		
12030-37500	RB4096	11011-45010	2T7962	8-94250-265-0	1T1824		
12030-40F00	RB4105	11011-46020	2T1362	8-94257-903-0	1T1869		
12030-43G00	RB4101	11011-54010	2T1727	8-94321-679-0	1T1867		
12030-53Y00	RB4107	11011-56020	2T8283	8-94399277-0	3T1837		
12030-58S00	RB4074	11011-61010	2T7987	8-94409-869-0	1T1869		
12030-L200	RB4081	11011-62010	2T8063	8-9701-4208-0	1T1842		
1456-11-213	RB4068	11011-64010	2T8372	8034-11-380	2T8334		
201-10150	RB4089	11011-66020	2T7989	9-11581-021-0	1T3286		
201-44950	RB4084	11011-68020	2T1388	9-11581-048-0	1T1192		
201-50540	RB4079	11011-75010	2T8377	9-11581-057-0	1T1893		
291-50080	RB4083	11011-87101	1T8017	9-11585-601	2T1888		
31134151	RB870	11011-87201	1T8019	B6YO-11-SJO	1T8353		
3132018-R1	RB4067	11011-87701	1T8011	FSY1-11-SJO	1T8302		
330739	RB4092	11791-22020	1T1853	JFY1-11-SJO	2T8352		
332596	RB4092	11791-OH020	1T8412	KK1Y0 11 SJO	1T8353		
351-50060	RB4085	12280-01B00	1T2769	MD010350/1	1T1142		
5-12251-006-0	RB4073	12280-01B00	1T2769	MD116890	2T1149		
5-12251-007-0	RB4072	12280-37525	2T1367	MD174862	1T8037		
8-94247-968-0	RB4103	12280-37526	2T1367	MD197988	1T1183		
8-94419-455-0	RB4103	12280-53Y00	1T2952	MD351820	1T1219		
9-12251-034	RB4013	12280-60J00	1T2964	RF01-23-115	2T2134		
9-12251-062	RB4058	12280-B5225	2T4302				
9-4457-158	RB4104	12280-J2025	2T2775				
90043-84018	RB4022	12281-31U00	2T2633				
90043-84057	RB4022	12300-60820	1T8339				
90043-84086	RB4094	12300-73830	1T8342				
90999-70048	RB4023	12300-78830	1T8355				
90999-73064	RB4040	12300-82820	1T8337				
90999-73065	RB4065	12300-85830	1T8307				
90999-73066	RB4008	13014-P0G-800	1T1934				
90999-73069	RB4023	13014-P11-800	1T1937				
90999-73070	RB4037	13221-634-0030	1T1952				
90999-73072	RB4028	13331-634-0030	1T1952				
90999-73083	RB4023	13331-PG6-003-4	1T1957				
90999-73087	RB4070	13331-PH7-003/4	1T1934				
90999-73088	RB4076	13331-PTO-003	1T1937				
90999-73099	RB4082	1363-23-115	2T1777				
90999-73102	RB4097	144195	1T2407				
90999-73114	RB4100	1456-23-115	2T1748				
90999-73115	RB4093	149551	1T2407				
90999-73118	RB4080	201-12380	2T7882				
90999-73124	RB4095	201-12381	2T7882				
90999-73130	RB4109	201-12382	2T7882				
90999-73133	RB4082	201-80100	2T1642				
		201-80101	2T1642				
		202-36860	1T2555				

# INTERCHANGE

**Topline to ACL**

Topline Part #	ACL Part #	Topline Part #	ACL Part #	Topline Part #	ACL Part #	Topline Part #	ACL Part #
<b>All-Round Auxiliary Shaft Bearing</b>		<b>Connecting Rod Set (Cont'd.)</b>		<b>Main Bearing Set (Cont'd.)</b>		<b>Thrust Washer Set (Cont'd.)</b>	
ISB056	2BS7006	RBTO14	4B8366	MBMA3	5M8334	TWMA9	1T8353
<b>Balance Shaft Bushing</b>		RBTO16L	4B1710	MBMA4	5M8334	TWMG3	2T2252
ISBC23	3BS8288	RBTO16R	4B1690	MBMA7	5M1627	TWMI22	1T8037
ISBMI3	3BS8387	RBTO17	4B1686	MBMA8	5M8133	TWSZ2	1T8337
ISBMI3	3BS8389	RBTO18	4B1780	MBMA8	5M8134	TWSZ4	1T8339
ISBTO11	2BS8078	RBTO19	6B1170	MBMA9	5M8353	TWTO16	2T1695
ISBTO7	2BS8286	RBTO2	4B1101	MBMG3	5M2255	TWTO17	2T1689
<b>Connecting Rod Set</b>		RBTO21	6B8040	MBMI22	5M8037	TWTO2	2T8062
RB056	4B1636	RBTO24	4B8281	MBMI23	5M1186	TWTO21	2T8063
RB068	4B1606	RBTO25	4B8365	MBMI9	4M1149	TWTO21	2T8379
RBA5	5B1636	RBTO26	4B8380	MBSU5L	3M8292	TWTO26	2T8382
RBA6	5B1606	RBTO27	4B8376	MBSU5L	3M8293	TWTO27	2T8377
RBAC1	6B1935	RBTO28D	4B1720	MBSU6	3M8294	TWTO6	2T7962
RBC11	4B1736	RBTO29	4B1680	MBSU9	5M8297	TWTO8	2T1703
RBC15L	4B1146	RBTO31	6B8060	MBSZ1	4M8337	TWTO8L	2T1705
RBC23	4B1136	RBTO33	6B8061	MBSZ2	5M8337	TWTO9D	2T1727
RBC24	4B1269P	RBTO33	6B8381	MBSZ4	5M8339	TWVO9	1T2729
RBC3	4B2816	RBTO6	4B2986	MBTO11L	7M1164		
RBD10	4B1630	RBTO8	4B1701	MBTO13	4M7982		
RBD13	4B1171	RBTO9D	4B1726	MBTO13L	4M7987		
RBD23	4B2956	RBVO1L	4B2741	MBTO14	5M8361		
RBD24	4B1620	RBVO2	6B2741	MBTO16	5M1704		
RBD24	4B2950	RBVO2L	6B2740	MBTO17	5M1689		
RBD26	6B2390	RBVO4	4B2740	MBTO18	5M1695		
RBD28	4B2746	RBVO9	4B2726	MBTO19	7M1165		
RBD3	6B1171	<b>Main Bearing Set</b>		MBTO2	5M1102		
RBD30	4B2960	MB056	5M1645	MBTO24	5M8282		
RBD3L	6B1630	MBA6	6M1605	MBTO26	5M8382		
RBD6	4B2751	MBAC1	4M1933	MBTO27	5M8378		
RBH12	4B1951	MBAC1	4M1934	MBTO28D	5M1728		
RBH13	4B1931	MBC11L	5M1124	MBTO31	4M8063		
RBH13L	4B1930	MBC11L	5M1737	MBTO34	4M8379		
RBH14	4B1955	MBC17	5M1144	MBTO7	5M1697		
RBH15	4B1946	MBC20	5M1137	MBTO8	5M1703		
RBH16	4B1956	MBC23	5M1144	MBTO8L	5M1705		
RBH18V	4B1925	MBC24	5M1137	MBTO9D	5M1727		
RBH20	4B1936	MBC3	5M1139	MBVO2	7M2742		
RBH3	4B1950	MBC24	5M1533P	MBVO4	5M2742		
RBH36	4B1906H	MBC3	5M2817	MBVO9L	5M2727		
RBHY2	4B1201	MBC24	5M1633	<b>Rod Bushing</b>			
RBHY3	4B1206	MBC10	5M1172	PB056	RB4053		
RBIS12	6B1840	MBC12	5M1176	PBD25	RB4107		
RBIS2	4B2821	MBC13	5M2967	PBD28	RB4105		
RBIS3	4B1870	MBC24	5M1623	PBMG3	RB4012		
RBIS5D	4B1320	MBC25	5M2952	PBTO11	RB4008		
RBIS7	4B1820	MBC26	4M2777	PBTO15	RB4087		
RBM19	6B1140	MBC28	5M2747	PBTO2	RB4037		
RBMA10	6B8350	MBC3	7M1172	PBTO33	RB4109		
RBMA16	4B8140	MBC6	5M2964	PBTO8	RB4028		
RBMA17	4B8300	MBC12	4M2737	<b>Thrust Washer Set</b>			
RBMA3	4B8331	MBC15	5M2757	TWAC1	1T1934		
RBMA4	4B1756	MBC12	5M1952	TWC3	1T1824		
RBMA7	4B1626	MBC15	5M1947	TWC3	1T3286		
RBMA8	4B2130	MBC16	5M1957	TWD25	1T2952		
RBMA9	4B8351	MBC16	5M1957	TWD30	1T2964		
RBMG3	4B2250	MBC20	5M1937	TWH12	1T1937		
RBM12	4B1130	MBC21	5M1932	TWH16	1T1952		
RBM122	4B8036	MBC21	5M1937	TWH16	1T1957		
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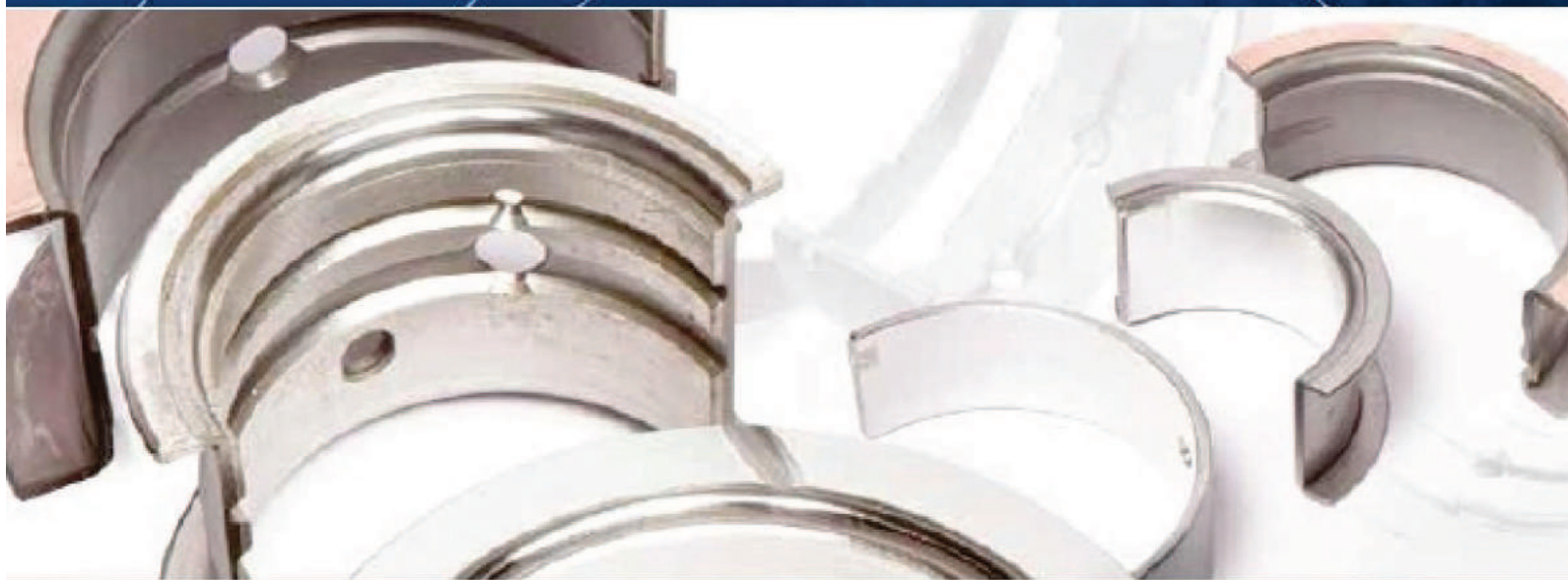


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ENGINE BEARING CATALOG 2016

**ACL16**

**PLEASE NOTE: BEFORE GRINDING CRANKSHAFT WE ADVISE  
YOU TO CHECK WITH YOUR LOCAL DISTRIBUTOR TO ENSURE  
THE UNDERSIZE REQUIRED IS AVAILABLE.**

**Note:** All information in this Catalog has been compiled from the most reliable sources available to us, and prepared with the greatest care, in an endeavor to have it correct. However, no responsibility can be accepted if any details are found to be incorrect. We welcome any feedback on any errors which you may come across while using this Catalog.



## UNDERSTANDING THIS PART LISTING

This catalog is designed in an index format to make the selection of ACL engine bearings an easy task.

### ACL SET NUMBERING SYSTEM

**EXAMPLE**

**4 B 1780P - STD**

DENOTES QUANTITY OF PAIRS PER SET	UNDERSIZE OF SET
DENOTES SET TYPE	DENOTES MATERIAL/BRAND

<p><b>B</b> CONROD BEARING SET</p> <p><b>M</b> MAIN BEARING SET</p> <p><b>C</b> CAMSHAFT BEARING SET</p> <p><b>T</b> THRUSTWASHER SET</p> <p><b>BS</b> BALANCE SHAFT OR AUXILIARY BEARING SET</p> <p><b>RB</b> SMALL END BUSH</p> <p><b>SC</b> SPECIAL CAMSHAFT BEARING SET</p>	<p><b>A</b> ALUGLIDE</p> <p><b>D</b> DURAGLIDE (DIESEL)</p> <p><b>P</b> DURAGLIDE</p> <p><b>H</b> RACE SERIES</p> <p><b>HX</b> RACE SERIES .001" EXTRA CLEARANCE</p> <p><b>HD</b> RACE SERIES ALL ST DOWEL HOLE LOCATION</p>
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1. Locate the manufacturer – these names are listed at the top of each page in alphabetical order.
2. Locate the type of engine you have by using the Engine Index at the beginning of each section. Confirm your engine details by comparing the engine description, displacement, cylinder configuration and year information. Once you have found the engine you are looking for, note the corresponding Group number.
3. Turn to the group number for the selection of parts available. The Group number will appear at the top of the relevant group.

The following is a guide to the technical data provided in the catalog:

#### 1. Engine Set No./Sizes Available

This lists the set numbers for the various types of bearing sets and sizes available. Any comments relating to these sets are positioned above the technical data for that set.

#### 2. Type and Location

This gives the type of bearing set, and when relevant the position or location of each bearing shell or bush in the engine. These are numbered from the front (no. 1) to the rear.

#### 3. Standard Shaft Size

Minimum and Maximum dimensional information supplied in metric and imperial format. Note for thrustwashers this refers to the inside diameter of the washer.

#### 4. Housing Bore

Minimum and Maximum dimensional information supplied in metric and imperial format. Note for thrustwashers this refers to the outside diameter of the washer.

#### 5. Max. Bearing Thickness

Maximum wall thickness of the bearing supplied in metric and imperial format.

#### 6. Max. Overall Length

Maximum dimensional information supplied in metric and imperial format. Note for thrustwashers this refers to the thickness of the washer.

#### 7. Material Code

Refer to the following bearing materials section for a description of the various material codes.

#### 8. Bearing Shell No.

Bearing shell numbers applicable to the pairs or bushes. For half bearings shells, the letters below the shell number indicate the type of half:

UL = indicates a pair of shells with different upper and lower halves.

IH = indicates a pair of shells with identical upper and lower halves.

U = indicates the shell is only used in the upper position.

L = indicates the shell is only used in the lower position.



## BEARING FEATURES

### Bearing materials

Bearing materials are made from multi-layered materials. Typically these feature:

- A steel backing – to provide supporting strength for the lining and to ensure a good fit in the housing.
- One or more lining layers – to provide the bearing with good fatigue strength as well as good anti-seizure properties.

**Lining materials** for crankshaft bearings can be divided into 3 types:

#### 1. Babbitt (Whitemetal)

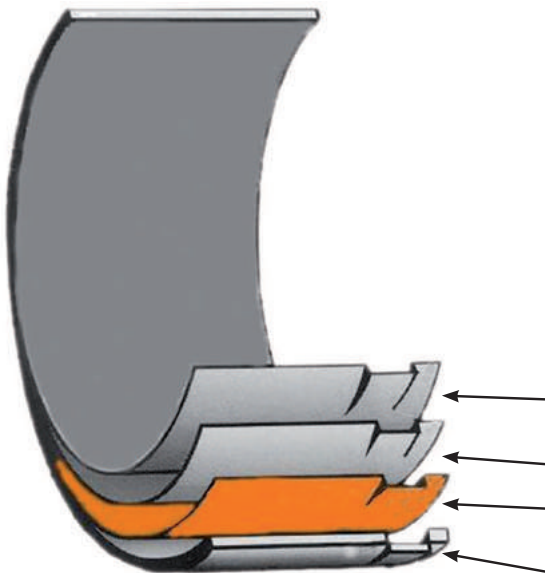
Lead or Tin based alloys, these are soft, forgiving and provide excellent embedability of contaminants. However load capacity is low, so they are usually reserved for early model engines and low load applications requiring great seizure resistance. They are commonly used for camshaft bearing sets. ACL examples are F1 and F23.

#### 2. Copper-lead (Tri-Metal)

These are leaded bronze alloys, and are strong and adaptable. They are suitable for a broad range of applications including highly load engines. For crankshaft bearings this lining is combined with a softer electroplated lead based overlay to give the bearing better conformability and anti-seizure properties. ACL F780 (Duraglide), F781 (Race).

#### 3. Aluminum-tin (Bi-Metal)

Aluminum based alloys are tough and durable. They possess excellent load capacity for intermediate duty and are suitable for modern passenger vehicle engines. ACL F817, F820, F810 (Aluglide).



MATERIAL CODE	
<b>F1 (Whitemetal)</b>	= Cast whitemetal, tin based, steel backed. NOMINAL COMPOSITION: 89% Tin, 7.5% Antimony, 3.5% Copper
<b>F23 (Whitemetal)</b>	= Cast whitemetal, lead based, steel backed. NOMINAL COMPOSITION: 84% Lead, 15% Antimony, 1% Tin
<b>F100</b>	= Sintered copper lead, unplated, steel backed. NOMINAL COMPOSITION: 80% Copper, 10% Tin, 10% Lead
<b>F147</b>	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 91% Aluminum, 6% Tin, 1.5% Silicon, 1% Copper, 0.5% Nickel
<b>F250</b>	= Sintered copper lead, unplated, steel backed. NOMINAL COMPOSITION: 74% Copper, 23% Lead, 3% Tin
<b>F780 (Tri-Metal)</b>	= Sintered copper lead, lead plated, steel backed. NOMINAL COMPOSITION: 74% Copper, 24% Lead, 2% Tin
<b>F781 (Tri-Metal)</b>	= Sintered copper lead, high strength lead plated, high strength steel backed. NOMINAL COMPOSITION: 74% Copper, 24% Lead, 2% Tin
<b>F810 (Alutin)</b>	= Rolled aluminum-tin-silicon, steel backed. NOMINAL COMPOSITION: 87% Aluminum, 9% Tin, 3% Silicon, 1% Copper
<b>F820 (Alutin)</b>	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 79% Aluminum, 20% Tin, 1% Copper
<b>F830 (Alutin)</b>	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 69% Aluminum, 30% Tin, 1% Copper
<b>F817 (Alutin)</b>	= Rolled aluminum-tin, steel backed. NOMINAL COMPOSITION: 80% Aluminum, 17% Tin, 1% Copper, 2% Lead

The tri-metal material F781 has the same composition as F780 but is heat treated to provide properties suited to highest performance applications. F781 is used for conrod bearings in ACL Race Series range.

### Benefits of multi layer bearings

The following diagram highlights the benefits of multi-layer bearings. The bearing in this example is a tri-metal bearing:

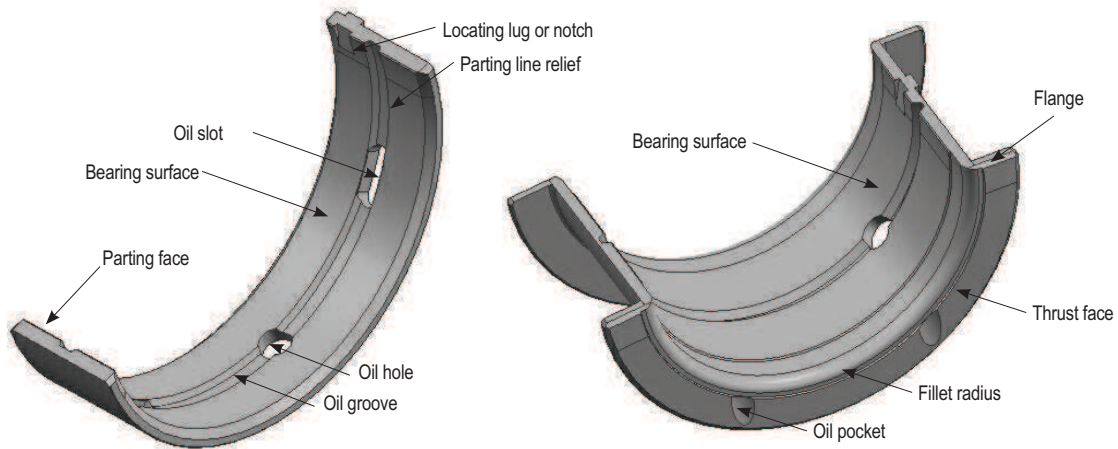
Layer	Alloy (Typical)	Thickness	Contribution
<b>Overlay</b>	Lead-Tin-Copper	0.013mm - 0.018mm	Seizure resistance - Low friction & deformable
<b>Barrier</b>	Nickel	0.001mm	Separation layer
<b>Lining</b>	Copper-Lead-Tin	0.3mm	Fatigue strength - Strong yet deformable
<b>Steel</b>	SAE1010 (High Tensile)	Remaining	High Strength - supports bearing lining

Comparison between Tri-metal and Bi-metal Bearings

Bearing Type Characteristic	Duraglide F780	Aluglide F810
<p><b>Strength</b> Ability to assume prolonged, high fatigue loads.</p>	<p>Babbitt overlay (&lt;20HV) is supported by a strong copper lead alloy (&gt;50HV) in turn supported by the steel backing. Strength is high as long as the overlay is thin (&lt;.020mm).</p>	<p>Strength is engineered through targeted alloying and modification of the Aluminum structure particularly with the addition of Silicon (from 45 to 55HV). No overlay means that the load is taken directly by the alloy and transmitted through to the steel.</p>
<p><b>Anti-Seizure Conformability</b> Ability to adapt to assembly and misalignment errors.</p>	<p>Very soft Babbitt overlay readily adapts. Copper lead alloy has moderate conformability and helps to adapt where shape errors are significant.</p>	<p>Alloy composition, casting and heat treatment methods develop exceptional toughness. This enables the alloy to conform without detriment to strength.</p>
<p><b>Compatibility</b> Ability to accommodate shaft to bearing contact through thin oil films.</p>	<p>Crankshaft journal finish is the dominant factor. Contact with the surface results in adaptation through wear of the Babbitt layer with no damage to the shaft.</p>	<p>Bearing and shaft interact beneficially. Extra fine silicon particles at the bearing surface act as a mild polishing agent that can lessen shaft surface roughness. System adapts to maintain oil film integrity. This is particularly effective when running against cast iron shafts.</p>
<p><b>Emergency Running</b> Ability to continue operation during temporary oil film breakdown.</p>	<p>The lead in the Babbitt and copper-lead alloy has natural lubricity and can function as a dry lubricant. The low melting point on the alloy also allows it to provide a temporary liquid lubricant.</p>	<p>The tin phase of the alloy provides lubricity and low melting point liquid lubrication but is not as effective as lead.</p>
<p><b>Anti-Wear</b> Resistance to abrasion by shaft and dirt.</p>	<p>Babbitt alloys are prone to wear (see above), however the alloy composition is carefully controlled to optimise the strengthening effects of copper and minimising the wear potential.</p>	<p>The relatively harder surface of the aluminum alloy has substantially reduced wear. Combined with shaft interaction (see above), which minimises shaft abrasion, wear becomes insignificant.</p>
<p><b>Embeddability</b></p>	<p>The soft Babbitt readily absorbs all kinds of dirt particles up to 0.015mm without damage. Larger particles are not accommodated so well by the underlying layers.</p>	<p>As the aluminum alloy is substantially softer than shaft materials, hard particles of all sizes will embed in the bearing rather than score the shaft. The toughness of the alloy ensures the localised deformation does not compromise strength.</p>
<p><b>Anti-Corrosion</b></p>	<p>Tin content in the alloys gives the lead partial protection from attack. If the bearing is worn to the copper-lead layer, resistance is minimal.</p>	<p>Aluminum tin base alloys are essentially inert to known contaminants.</p>
<p><b>Applications</b></p>	<p>Duraglide bearings provide a high combination of high strength and the ability to withstand harsh and demanding operating conditions. This makes them ideal for performance and race engines and rebuilds.</p>	<p>Aluglide bearings provide a combination of moderate to high strength, good seizure resistance and excellent wear resistance. These bearings are ideally suited to general purpose applications (passenger cars and light commercial vehicles) where reliability and long service intervals are desirable.  Aluglide bearings are highly preferred in modern import engines that have been designed for aluminum based bearings as OE standard fitment.</p>

## BEARING DESIGN FEATURES

The following will give a better understanding of the terminology and features of a bearing and their intended functions.



### Wall Thickness

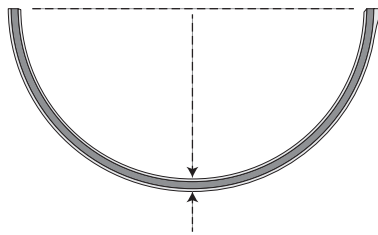
The wall thickness quoted in catalogs and workshop manuals refers to the thickness at the crown of the bearing. This value is also used to calculate the vertical clearance of the bearing assembly.

The correct wall thickness is critical for the correct clearance, which is critical to the performance of the bearing system. It ensures:

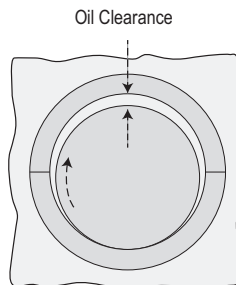
- Good oil supply which ensures high pressure oil film generation for better load support and increased durability.
- Predictable engine oil pressure and flow rates to ensure constant supply throughout the engine and adequate bearing cooling under all operating conditions.

Typical wall size tolerance ranges:

- Regular aftermarket 0.008 – 0.013mm / .0003 - .0005"
- ACL Race Series 0.008mm / 0.0003"



Thickness at crown of bearing



Vertical Oil Clearance

### Eccentricity

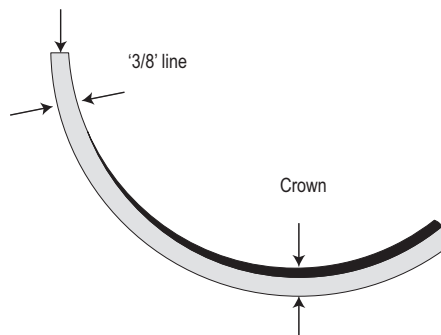
Most bearings are manufactured with an eccentric wall as shown in the following figure. This means the wall thickness gradually becomes thinner from the crown of the bearing to a lesser amount at a specified distance from the parting line, usually 9.5mm and hence is often called the '3/8' line.

This slight eccentricity built into the bearing wall assists in the formation of the hydrodynamic oil film, or the oil film required under the loaded area of the bearing. It also compensates for bore distortions under load by providing a greater horizontal clearance than vertical, allowing the bore to distort without pinching the bearing at the sides. The eccentricity allows for smaller vertical clearances while still permitting adequate oil flow in the clearance space for cooling purposes.

As a result of the eccentric wall it is important that wall size measurements are always taken at the crown of the bearing, readings taken elsewhere will be less depending on the degree of eccentricity. Typical values for eccentricity can be:

- 0.000 – 0.008mm / .000 - .0003" for rigid housings.
- 0.010 – 0.020mm / .0004 - .0008" for most current bearings
- 0.015 – 0.025mm / .0006 - .0010" for high performance (ACL Race Series)

Parting line



### Bearing Crush (or Press fit)

Crush is essential for bearing retention and creates a radial pressure which holds the bearing inserts tightly in the housing after assembly.

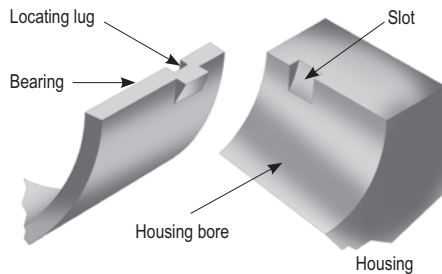
Crush is applied to half bearings by making each half slightly greater in circumferential length than an exact half circle, so in effect the bearing parting line will sit slightly higher than the bearing seat. When two half bearings are paired and assembled into their housings, the tightening of the cap bolts will produce the controlled and uniform radial pressure which has two important functions:

- Provides bearing retention in the housing, preventing turning or creep.
- It ensures intimate contact between the back of the bearing and the bore of the housing, allowing heat dissipation through thermal transfer during operation of the engine.

During manufacture bearings are checked in a special gauging fixture in the factory, these fixtures are specific to the OD of the bearing.

For further explanation of crush and retention of the bearings refer to the following article on notchless bearings.

### Locating Devices



This image shows the most common bearing location device. The lug or notch enters a machined notchway in the housing, providing an endwise locating guide. The notch is not intended provide bearing retention and will not prevent rotation of the insert. See the separate article on notchless bearings for a full explanation of this.

Another locating device not commonly used are dowel pins. These will most commonly be located at the center of the housing and require a hole in the crown of the upper half bearing.

### Parting Line Relief

A small relief is usually incorporated at the parting line of bearing inserts. The purpose of this is to compensate for any distortion at the parting line resulting from the crush. It also blends the running surface between the two halves and compensates for any mismatch at assembly. A small chamfer is also placed on the inside corner of the parting line, removing any chance a square corner could act as a scraper during operation.

### Bearing Free Spread

Most main and conrod bearings are manufactured with positive free spread. This means the distance across the outside of the parting edges of the bearing is slightly greater than the bore of the housing. This assists holding the bearing half in place in the housing during assembly operations.

### Oil Grooves

Main bearings are usually provided with a circumferential groove, for the transfer of oil to the camshaft and conrod bearings. Conrod bearings are usually not grooved, as grooving reduces the effective bearing area and breaks up the surface into smaller areas which act independently. Hence the size and number of grooves is kept to a minimum.

There are three main configurations for grooves:

- Fully grooved (360°), upper and lower both fully grooved – this will supply a continuous flow of oil to the conrod bearing.
- Half grooved (180°), upper fully grooved and lower plain – oil will only flow to the conrod during half of the rotation. Suitable for general application.
- Three quarter grooved (about 270°), upper fully grooved and lower partially grooved, this provides a compromise between the first two types and is suitable for high performance applications. This will maximize the bearing area in the higher loaded areas of the lower bearing but still provide better oil flow than half grooved assemblies. The tapered run-out of the partial groove will also smooth the oil supply cut off, avoiding pressure pulsing and cavitation.

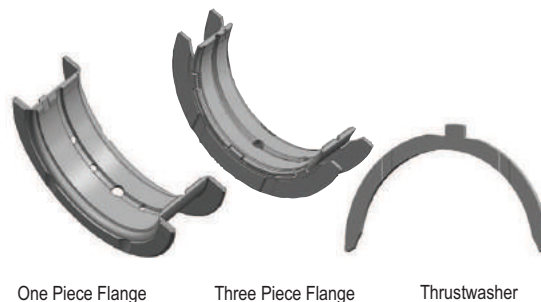
### Oil Holes

Many bearings receive their oil supply through holes drilled in the crank-case, so the bearing will have a matching hole so the oil can flow through to the clearance gap between the bearing and shaft. Some bearings will have an oil hole to provide flow to other areas in the engine. If there is an oil groove the oil holes will normally be in line with the groove. It is important to ensure when replacing bearings that the oil holes match correctly.

### Thrust Bearings

There are 3 distinct types of thrust bearings design:

1. Single Piece
  - Thrust bearing is formed from the same piece of material as the shell bearing forming a rigid thrust bearing.
2. Three-Piece
  - The thrust bearing is made up of a shell bearing and two thrustwashers which are then attached to the shell bearing. The joints allow the thrust faces to float but still remain attached, so there is no stress on the fillet as in the one piece flange.
3. Separate Components
  - All components are made separately and fitted individually.





## Bearings With no Locating Notch

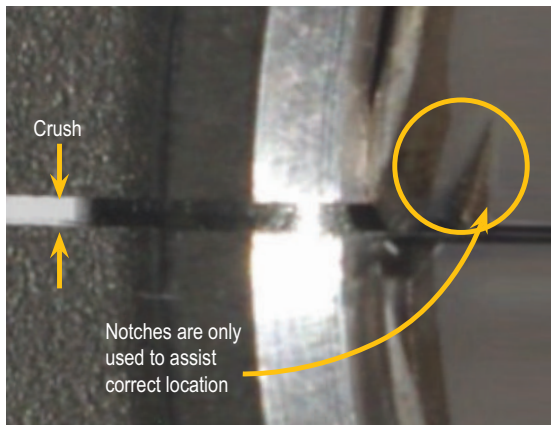
There are a number of bearings sets for late model engine applications which contain bearings with no locating notch (lug). This design is usually specified by the OEM engine manufacturer, and is in line with the current OEM design practice of eliminating this feature on bearings.

Most of the major OEM Manufacturers have specified this design on some of their engines. This 'notchless' design can be used in place of the previous notched bearings, where there has been a change to the new design, later in an engine series.

For OEMs that have the luxury of automated engine assembly, the notch has become a redundant feature. However, when assembling an engine featuring notchless bearings by hand, greater attention needs to be paid to bearing alignment and orientation.

Without the aid of notches, the engine rebuilder needs to ensure that bearings are:

1. located centrally in their housings
2. located with upper and lower shells in the correct orientation
3. bearing pairs are aligned
4. grooves and oil holes are in line with oil feed galleries.

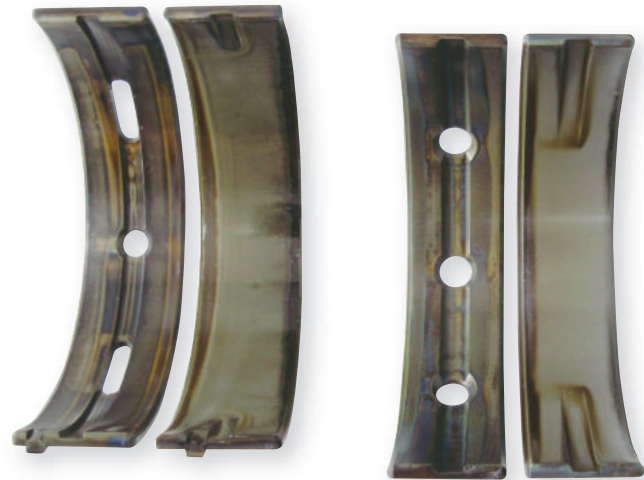


### Bearing Retention

When confronted with notchless bearings some engine builders have expressed a concern that without the notch a bearing pair has greater freedom to move or 'spin' during use.

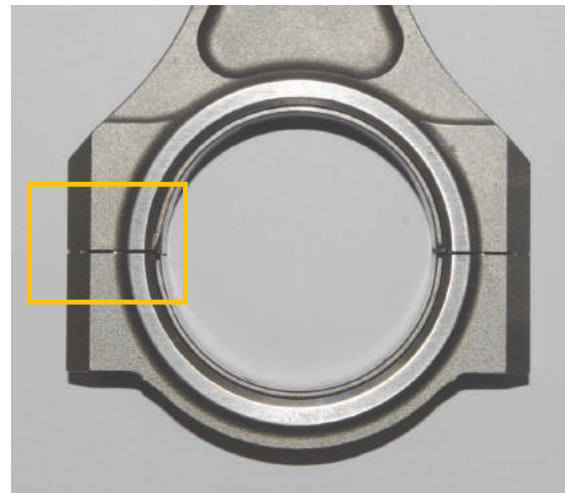
This is not the case as a notch is a **fitment/location guide** only and does not assist bearing retention.

It is the bearing **crush** which ensures that the bearings are held tightly in the housing. Once the bolts are torqued this sets up radial pressure in the housing binding the bearings in place.

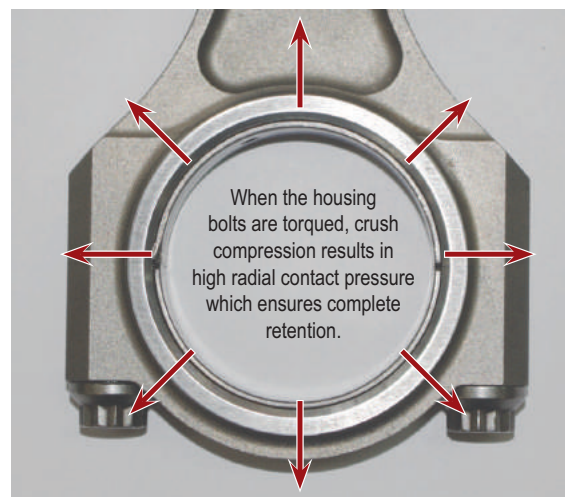


Notched bearing pair

Notchless bearing pair



Bearing and Housing Assembly before Bolt Fitment



Bearing and Housing Assembly after Bolts are torqued

## FITTING INSTRUCTIONS

To ensure a satisfactory bearing life, there are certain simple but necessary rules which must be closely observed. Since extreme accuracy is built into precision insert bearings, they must not be filed, scraped or machined in any way.

They are machined to tolerances as fine as 0.004mm (0.00015") and cannot be improved upon by any hand work, however skilful it may be. Follow this procedure for a satisfactory bearing assembly.

### 1. Dismantle

Before dismantling the old bearings, mark the bearing housings for reassembly identification – the caps must be reassembled exactly as removed.

### 2. Inspect

Remove the crankshaft and bearings for careful assessment of the extent of wear or other damage. If either the crankshaft journal or bearing tunnel sizes are found to be outside the dimensions shown in this catalog, re-machining is recommended. If the used bearings exhibit signs of damage due to poor engine conditions, the source of these problems must be identified and rectified to eliminate further problems. Common faults that can be highlighted by the old bearings include bent or twisted connecting rods, bent crankshafts, misaligned tunnel bores, poor journal surface finish, insufficient or excessive nip, poor tunnel seats, mixed or reversed caps, etc.

### 3. Clean

Careful cleaning of the engine block and all components must be undertaken to be sure of a successful bearing replacement. By far the best way is to remove all gallery plugs and allow the dis-assembled engine to soak in an agitated chemical bath (iron and aluminum-alloy components require different chemical cleaners). In this way, all sludge and dirt accumulations are removed. If chemical cleaning facilities are unavailable, a less thorough, and therefore less desirable method, is to remove gallery plugs and then remove all visible dirt and wash down with a solvent such as Kerosene. It is imperative to ensure that the entire lubrication system is completely clean and free of obstructions.

### 4. Check dimensions

- a) Always accurately measure all journals, conrod and main tunnels prior to assembly to be sure they are within the required tolerances, particularly if any resizing is to be performed. Remember, the bore of the assembled bearing can only be as accurate as the housing into which it is fitted.
- b) Check that replacement bearings are correct in all detail to the bearings removed i.e. oil holes, grooves, and locating notch.

### 5. Check crush

It is good practise to check for crush at assembly.

The procedure for this operation is:

- i. Assemble the pair of bearings in their housing and tighten the bolts to the recommended torque figure.

- ii. Release one bolt, and the joint face will open to the extent of the crush. Measure the crush by selecting a feeler gauge that neatly fits this gap. The value of the crush measured should be 0.075 – 0.150mm (.003 - .006").

### 6. Check oil clearance

With tunnel sizes correct to specification and shaft journals unworn or correctly ground undersize, ACL finished-to-size bearings will provide a correct operating clearance which can be quickly confirmed on assembly with the use of Flexigauge.

Where any doubt exists, or in special cases, oil clearance should be checked by accurately measuring and writing down each journal diameter and then subtracting this from the corresponding internal bearing diameters that were noted when checking the amount of nip or crush. The difference between the two diameters represents the vertical oil clearance and this must fall within the desired clearance range. Where recommended oil clearances are unknown, our normal recommendations are as follows:

0.019 – 0.025mm / .00075 - .001" of clearance per inch of journal diameter.

For example, given a 76.2mm/3"shaft, the clearance recommendation would be:

0.057 – 0.075mm / .00225 - .003"

These are valid for normal passenger light vehicle applications.

For high performance modified applications it is recommended to add at least 0.013mm/.0005" to the clearance figure.

### 7. Assemble

Assemble the bearing shells with the **SHELL BACKS AND THE HOUSING SEATS PERFECTLY DRY**, but apply a liberal coating of heavy oil between the surface of the bearing and the shaft. Apply a light tension on all the bolts before finally tightening them evenly to the vehicle manufacturer's specified tension.

### 8. Check end float (thrust clearance)

The recommended end float clearance differs from engine to engine although the following table provides a good guide. It is advisable to check thrust clearances at both thrust faces to ensure an accurate measurement.

Journal Diameter	Recommended Clearance
50 – 70mm / 2.000 - 2.750"	0.10 – 0.15mm/.004 - .006"
70 – 90mm / 2.750 – 3.500"	0.15 – 0.20mm/.006 - .008"
90mm up / 3.500" up	0.15 – 0.25mm/.006 - .010"

Copper-Lead thrust bearings should be given a slightly higher clearance than bi-metal thrusts and hard working engines should have a bit more than normal duty engines, but always within the recommended figures shown.

Some thrustwasher sets and flanged mains are available in an oversize, this is normally noted in the part listing. Contact your distributor or ACL if this is not clear.

**WARNING: DO NOT ATTEMPT TO ROTATE THE CRANKSHAFT UNTIL ALL BOLTS ARE FULLY TENSIONED.**



## FLEXIGAUGE

Flexigauge is precision manufactured plastic strip, and can be used to check the clearance of connecting rod and main bearings where there is no access to traditional measuring equipment such as micrometers. It is available in four sizes, and is suitable for Automotive, Marine and Industrial applications.

The four sizes available together can cover clearances ranging from .001" to .016", or .025mm to .406mm, sizes are as follows:

Reference	Clearance range:
AG-1 - (RG-1) (Green Pack)	.001 - .003in or .025 - .076mm
AR-1 - (RR-1) (Red Pack)	.002 - .006in or .050 - .150mm
AB-1 - (RB-1) (Blue Pack)	.004 - .009in or .10 - .23mm
AY-1 - (RY-1) (Yellow Pack)	.008 - .016in or .203 - .406mm

Flexigauge strips – 12" long – are packed in individual envelopes, which are marked in appropriate graduations – one side in thousandths of an inch and the other in millimeters. Ten strips in their envelopes are packed in their appropriate colored carton.

Directions for use, which are printed on the outside of each carton for easy reference, are as follows:

1. Remove the bearing cap, wipe the journal and bearing shell clear of oil.
2. Place a piece of Flexigauge across the bearing at the crown.
3. Install the bearing cap and using a Torque Wrench tighten the bolts to the correct tension.

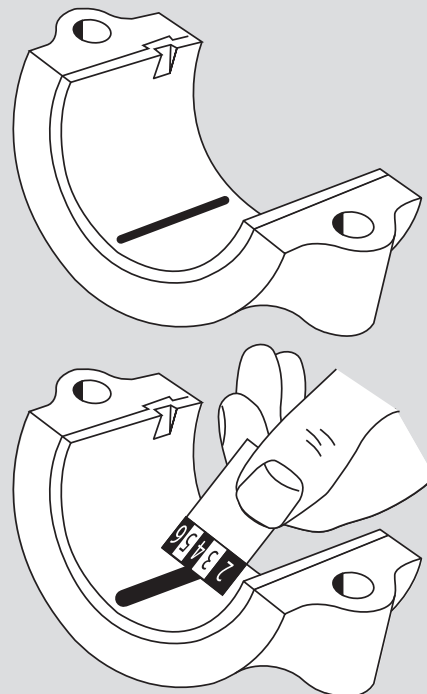
### DO NOT ROTATE THE SHAFT OR BEARINGS.

4. Remove the bearing cap. The Flexigauge will stay on either the bearing or the shaft.
5. Compare the width of the flattened Flexigauge with the graduation on the envelope. The figure within the graduations indicates the clearance in thousandths of an inch or millimeters, depending on which side of the envelope is used.
6. Taper is indicated when the Flexigauge is wider at one end than the other, the amount of taper is equal to the difference in the two readings. The widest part of the Flexigauge represents the area with the least clearance. 'Barrelling' of the shaft is present when the Flexigauge is wider in the center of the bearing.

## PRECAUTION

When checking main bearings, with the CAP supporting the crankshaft, the weight of the crankshaft and flywheel must be taken off the bearing caps to avoid inaccurate results. This can be done, for example, by 'jacking' on the crankshaft balance weight.

Main and connecting rod bearing clearances should be checked on the area of least journal wear. Main bearing checks should be made with the adjacent crankpin situated about 30 degrees after bottom dead center.







# RACE SERIES

## PERFORMANCE ENGINE BEARINGS

### If you place demands on your engine you must demand the best!

High performance driving demands that you use the best parts. So rely on ACL's Race Series performance engine bearings to perform to exacting race standards you expect. They provide the dependability it takes to hold up under higher RPM conditions. The unique combination of design, metallurgy and engineering come together to deliver what drivers expect from high performance trimetal bearings. These Race Series performance engine bearings go the distance.

So, if you're looking for the best result, demand the best - demand ACL Race Series performance engine bearings.

### FEATURES OF ACL RACE SERIES PERFORMANCE ENGINE BEARINGS

#### Precision Manufacturing

ACL Race Series performance engine bearings are manufactured to exacting tolerances with particular attention paid to wall thickness accuracy. This ensures reliable fit and helps maintain consistent clearances.

#### Bearing Material Enhancements

A blend of characteristics to provide high strength and excellent seizure resistance.

No flash plating is applied to further improve bearing retention and maximize heat transfer.

ACL Race Series performance engine bearings are identified from the standard range by the following suffixes:

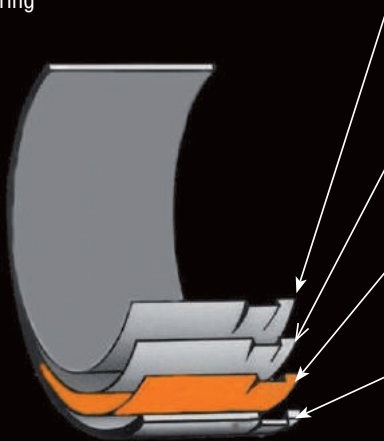
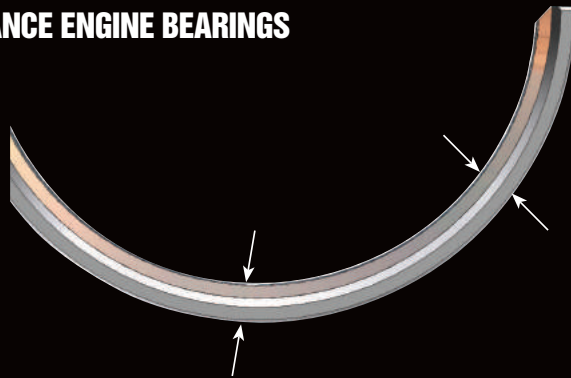
**H** = ACL Race Series.

**HX** = ACL Race Series with 0.025mm (0.001") extra clearance.

**HD** = ACL Race Series with location dowel holes.\*

**HXD** = ACL Race Series with 0.025mm (0.001") extra clearance and location dowel holes.\*

\*Connecting rod bearing applications only.



LAYER	ALLOY
<b>Overlay</b>	Lead-Tin-Copper
<b>THICKNESS (Typical)</b>	0.013mm* 0.018mm
*Connecting Rod Bearings Only - Reduced for increased fatigue resistance	
Seizure resistant - Low friction and deformable	
<b>Barrier</b>	Nickel
<b>THICKNESS (Typical)</b>	0.0001mm
Separation Layer	
<b>Lining</b>	Copper-Lead-Tin
<b>THICKNESS (Typical)</b>	0.3mm
Fatigue Strength - Strong yet deformable	
<b>Steel</b>	SAE1010 (High tensile)
<b>THICKNESS (Typical)</b>	Rem
High Strength - supports bearing lining	

## AUSTRALIAN ENGINEERING EXCELLENCE



## Bearing Design Enhancements

### Crush increased for:

Improved bearing retention from higher radial contact pressure. Locks the bearing into the housing.

More effective heat dissipation through improved thermal transfer.

### Bearing Eccentricity

Definition: Gradual reduction in wall thickness between the crown and parting line.

Race Series performance engine bearings feature increased eccentricity to increase improve shape adaptation to compensate for bore distortion at high speed operation.

Assists in the formation of hydrodynamic oil film.

### Main Bearings with Extended Grooves

Full (180°) grooved uppers with matching partial groove in lowers.

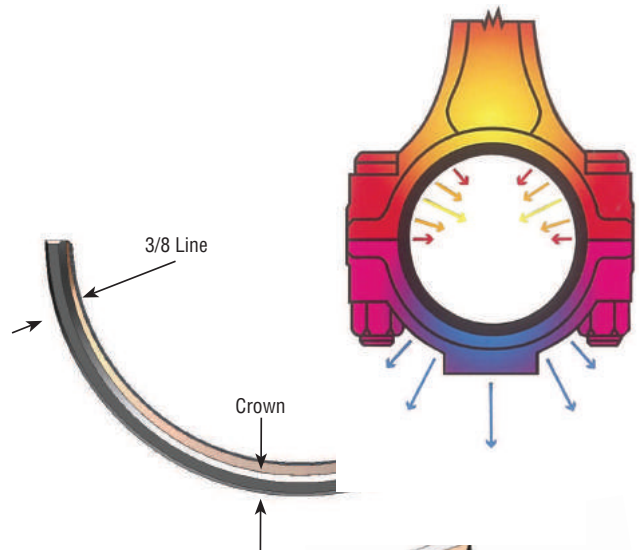
- Reduces interruption to big end oil supply.

Tapered groove run-out.

- Smooths big end supply cut-off avoiding pressure pulsing and cavitation.

### Enlarged ID Chamfers

Accommodate larger fillet radii on performance crankshafts.





# RACE BEARINGS

## PERFORMANCE ENGINE BEARINGS

### ACL Race Series – General Information

#### Set Numbering

ACL Race Series bearing set numbers carry an 'H' after the set number e.g. 8B663H-Std.

There are also sets available with the 'HX' designation e.g. 8B663HX-Std, the 'X' showing the set has .001" (.025mm) additional oil clearance than an H-Std set. This means the wall size of these HX-STD bearings is .0005" (.013mm) thinner than the H-Std, in all other ways the HX is identical to the H-Std set.

Similarly there are some selected sets (Chev and Ford V8) that are manufactured to 009 and 011 undersizes, e.g. 8B663H-009 and 8B663H-011.

There are also selected con rod bearing sets that are manufactured with a dowel hole in the lower shell, to suit a dowel location in the con rod cap. These are designated with a 'D' in the set numbering e.g. 8B663HD-Std or 8B663HXD-Std.

#### Appearance:

Questions about the appearance of the RACE Series bearings are quite common, as this series of trimetal copper lead bearings have a very different appearance to regular aftermarket "ACL Duraglide" trimetal bearings, which have a light silver /grey appearance.

The RACE Series performance bearings as manufactured, have an appearance that is a dark tarnished coloration, which can vary from dark black/brown/blue colors. This color comes from the electroplating which is the last manufacturing process. The electroplated overlay has copper as one part of its composition, which tarnishes to the dark colors described above. This tarnish coloration has negligible thickness, so once installed in the engine, the crankshaft journal contacting the bearing, will polish the bearing surface, removing the surface color and leaving the bearings with a polished silver appearance.

Performance bearings do not start out with the silver grey appearance of regular aftermarket bearings, as there is no final silvery tin flash applied to these bearings. Not applying a silvery tin flash to these high performance bearings is a specific design feature. A silvery tin flash for appearance and long term corrosion protection, as applied to the regular aftermarket bearings, can under high loading and heat, move, with the plate migrating and causing high spots on the back of the shells, and distorting the bearing. For this reason the ACL RACE Series performance bearings do not have a cosmetic silvery tin flash applied, so there is no risk of any overlay plate

movement on the backs of the shells, giving better bearing to housing contact and better bearing performance and function.

### ACL Race Series Bearings and Graded OE Bearings

Most OE (original equipment) engines are assembled at the factory with graded bearings (i.e. bearings with slightly different wall thicknesses between each grade). At the OE factory bearing housings and crankshaft journals are also graded, and the combination of housing and journal sizes will determine which bearing grade (or combination of grades) will be used in the assembly. For the aftermarket, most Bearing Manufacturers supply a single grade of bearing in set form.

The theoretical oil clearance range for single grade bearings will be slightly greater than the OE specifications, but the actual oil clearance is dependent on not only the bearing wall thickness, but also on the housing and journal sizes, and material used in the engine e.g. cast iron blocks vs aluminum alloy blocks.

ACL RACE Series bearings are manufactured for high performance engine applications, where the engine output will be higher than the normal OE output. This means that engine components at these higher outputs will be subject to more stress and distortion than would apply to the standard engine, and not all components will be machined to the fine tolerances achieved at the OE factory. This all leads to a requirement to slightly increase oil clearances above the OE specifications. Oil flow through the bearings to cool the component is also important for long life and a slight increase in oil clearance will improve oil flow and the subsequent effect on cooling. The OE engines will be manufactured to very tight tolerance, and all components are measured in "clinical" conditions with highly accurate measuring equipment. Out in service workshops technicians do not have equivalent equipment or conditions to work in, and the grading on housings and crankshaft journals will also probably be different than when they were first produced at the OE factory, due to minor wear etc. So this can all lead to clearances that may be outside the OE specifications, even if the bearings are replaced with those of the same grade as originally fitted. One of the main reasons for the OE engines being built to very tight tolerances is for NVH (Noise, Vibration, Harshness). Most performance engines will be fitted with performance exhaust systems, rev higher etc. meaning OE NVH specifications will be exceeded.

Even the graded OE bearings will have a wall size tolerance, and together with the tolerance on the housing size and journal size means there can be a stack up of tolerances leading to a significant difference on oil clearance

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from one position to the next. The ACL Race Series bearing wall sizing for STD bearings is usually close to the middle grade as supplied OE.

The ACL RACE Series bearings also use materials with higher load carrying properties than the OE materials, and there are other design features which make them more suitable for high performance applications. Oil clearance is only one consideration in the function and life of engine bearings.

If the crankshaft is at STD size, in the vast majority of cases, the STD bearings will be suitable and give correct oil clearances. In the unlikely scenario that due to a stack up tolerances from housing, journal and bearings, being such that clearances are too tight, then there will probably be extra clearance bearings available (HX-STD) to increase oil clearance, and if oil clearance is too high then there are H-001" or H-.025mm bearings available to reduce oil clearance.

Some High Performance engine Builders will use a combination of H-STD and HX-STD bearings or H-STD and H-001" or H-.025mm to get specific oil clearances that they may be looking for, to suit specific applications (i.e. oil clearances for a street engine will be different to a drag racing engine). Refer to the following section for further explanation of this.

### Select Fitting of ACL Race Series Bearings

It is common practise to adjust oil clearances by mixing bearings of adjacent grades i.e. HX-STD with H-STD or H-STD with H-001" or H-.025, to obtain desired oil clearance. Using the HX-STD with H-STD will give .0005" (0.013mm) additional clearance than using two H-STD shells, and similarly using H-STD and H-001" will reduce clearance .0005" (0.013mm). Bearing shells with wall size .0005" (0.013mm) or less can be assembled

on one journal. The thicker wall size bearing is fitted to the most heavily loaded position i.e. the upper half con rod shell and the lower half or cap position main bearing.

When using a crankshaft that is to be reground to an undersize, first measure the assembled bearing ID's, then have the required journal sizes ground to match the bearing measurements, with the desired oil clearance.

### Installation of ACL Race Series bearings – Oil Clearances

Oil clearances are most accurately measured using micrometers and bore gauges. Bearing wall thickness measurements are taken at 90 degrees to the parting line (i.e. at the crown of the bearing) using a micrometer with a ball anvil, for use on the curved ID of the bearing.

Vertical oil clearance is best measured by assembling the bearing in its housing, with bolts torqued to specification, then using a bore gauge measure the assembled ID of the bearings at 90 degrees to the parting faces. The mating crankshaft journal size is measured, and subtracting this measurement from the bearing ID bore size, gives the assembled oil clearance.

ACL RACE bearings can be assembled with .00075-.001" per 1" of journal diameter (0.020-0.025mm per 25mm of journal diameter) plus .0005" (0.013mm).

As an example for a 2.000" (50mm) journal diameter,  $2.000 \times .001 = .002 + .0005 = .0025"$  ( $50/25 \times 0.025 = 0.050 + .013 = 0.063$  mm)

Bearings should not be polished with abrasive pads or paper, on the bearing surface, to change the oil clearance.





# REALITY CHECK.



Look closely and you'll see the ACL logo stamped into the backs of all our performance bearings. Thus, designating them as our authentic Race Series brand.

Essentially, that symbol identifies them as providing optimum performance, endurance and durability required for high RPM engines. Race Series bearings are available for numerous American, Asian and European engines, and in a variety of sizes.

Our web site provides detailed information.



## RACE SERIES

PERFORMANCE ENGINE BEARINGS







## ALPHABETICAL LISTING BY MAKE

<b>MAKE</b>	<b>page from</b>	<b>to</b>
Acura		go to Honda
Alfa Romeo	1	18
American Motors	19	21
Audi	22	97
Austin		go to Leyland
Bedford	98	102
BMW	103	118
Buick		go to General Motors
Cadillac		go to General Motors
Chrysler	119	132
Citroen	133	135
Commer	136	137
Daewoo	138	140
Daihatsu	141	148
Dodge		go to Chrysler
Fiat	149	183
Ford	184	256
General Motors	257	294
Holden	295	314
Honda	315	338
HSV	339	341
Hyundai	342	348
Infiniti		go to Nissan
Isuzu	349	379
Jaguar	380	382
Jeep	383	390
Kia	391	395
Lancia	396	413
Land Rover	414	419
Lexus		go to Toyota
Leyland	420	429
Lincoln		go to Ford
Mazda	430	452
Mercedes Benz	453	478



## ALPHABETICAL LISTING BY MAKE

<b>MAKE</b>	<b>page from</b>	<b>to</b>
Mercury		go to Ford
MG		go to Leyland
Mini	479	480
Mitsubishi	481	515
Morris		go to Leyland
Nissan	516	565
Oldsmobile		go to General Motors
Opel	566	581
Peugeot	582	611
Pontiac		go to General Motors
Porsche	612	613
Renault	614	634
Rover	635	641
Saab	642	645
Saturn		go to General Motors
Scion		go to Toyota
Seat		go to Volkswagen
Skoda	646	647
Smart	648	649
Ssangyong	650	651
Subaru	652	664
Suzuki	665	671
Toyota	672	739
Triumph/Standard	740	742
Vauxhall	743	745
Volkswagen	746	883
Volvo	884	894





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AR30102 1186cc Flat4 SOHC 2v	06/1972 - 12/1986	H4	1186	72	9
AR30102S 1186cc Flat4 SOHC 2v	03/1980 - 09/1984	H4	1186	72	9
AR30104 1186cc Flat4 SOHC 2v	11/1973 - 09/1984	H4	1186	72	9
AR30500 1186cc Flat4 SOHC 2v	06/1983 - 03/1988	H4	1186	72	9
AR30585 1186cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	1186	72	9
AR30743 1186cc Flat4 SOHC 2v	01/1990 - 08/1991	H4	1186	72	9
AR31000 1186cc Flat4 SOHC 2v	09/1983 - 12/1986	H4	1186	72	9
AR30184 1286cc Flat4 SOHC 2v	09/1976 - 09/1984	H4	1286	78	9
AR31000 1286cc Flat4 SOHC 2v	01/1978 - 02/1980	H4	1286	78	9
AR00500 1290cc Inline4 DOHC 2v	01/1955 - 12/1962	L4	1290	78	2
AR00501 1290cc Inline4 DOHC 2v	01/1954 - 12/1962	L4	1290	78	2
AR00502 1290cc Inline4 DOHC 2v	01/1957 - 12/1962	L4	1290	78	2
AR00504 1290cc Inline4 DOHC 2v	01/1958 - 12/1983	L4	1290	78	2
AR00508 1290cc Inline4 DOHC 2v	01/1961 - 12/1962	L4	1290	78	2
AR00510 1290cc Inline4 DOHC 2v	01/1956 - 12/1962	L4	1290	78	2
AR00514 1290cc Inline4 DOHC 2v	01/1958 - 12/1961	L4	1290	78	2
AR00530 1290cc Inline4 DOHC 2v	01/1966 - 12/1978	L4	1290	78	2
AR30100 1351cc Flat4 SOHC 2v	01/1985 - 12/1986	H4	1351	82	9
AR30160 1351cc Flat4 SOHC 2v	01/1979 - 09/1984	H4	1351	82	9
AR30164 1351cc Flat4 SOHC 2v	09/1977 - 09/1984	H4	1351	82	9
AR30168 1351cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	1351	82	9
AR30502 1351cc Flat4 SOHC 2v	05/1983 - 12/1989	H4	1351	82	9
AR30586 1351cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	1351	82	9
AR30587 1351cc Flat4 SOHC 2v	01/1984 - 09/1994	H4	1351	82	9
AR30732 1351cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	1351	82	9
AR30753 1351cc Flat4 SOHC 2v	06/1991 - 09/1994	H4	1351	82	9
AR30755 1351cc Flat4 SOHC 2v	07/1990 - 09/1994	H4	1351	82	9
AR31010 1351cc Flat4 SOHC 2v	03/1983 - 12/1986	H4	1351	82	9
AR33501 1351cc Flat4 SOHC 2v	07/1994 - 12/1996	H4	1351	82	9
199 A1.000 1368cc Inline4 SOHC 2v	09/2008 - On	L4	1368	83	25
199 A6.000 1368cc Inline4 DOHC 4v	09/2008 - On	L4	1368	83	25
955 A1.000 1368cc Inline4 SOHC 2v	09/2008 - On	L4	1368	83	25
AR33503 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1370	83	10
AR38501 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1370	83	10
AR30124 1490cc Flat4 SOHC 2v	05/1978 - 12/1989	H4	1490	90	9
AR30128 1490cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	1490	90	9
AR30146 1490cc Flat4 SOHC 2v	01/1980 - 12/1989	H4	1490	90	9
AR30182 1490cc Flat4 SOHC 2v	03/1980 - 12/1993	H4	1490	90	9
AR30198 1490cc Flat4 SOHC 2v	01/1983 - 12/1989	H4	1490	90	9
AR30504 1490cc Flat4 SOHC 2v	03/1983 - 01/1988	H4	1490	90	9
AR30508 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	1490	90	9
AR30514 1490cc Flat4 SOHC 2v	01/1984 - 12/1989	H4	1490	90	9
AR30520 1490cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	1490	90	9
AR30588 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	1490	90	9
AR30734 1490cc Flat4 SOHC 2v	01/1990 - 04/1993	H4	1490	90	9
AR30738 1490cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	1490	90	9
AR30750 1490cc Flat4 SOHC 2v	06/1990 - 10/1994	H4	1490	90	9
AR30751 1490cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	1490	90	9
AR06100 1567cc Inline4 DOHC 2v	05/1985 - 09/1989	DOHC4	1567	95	1
AR00526 1570cc Inline4 DOHC 2v	06/1964 - 12/1990	L4	1570	95	1
AR00526S 1570cc Inline4 DOHC 2v	03/1963 - 12/1977	L4	1570	95	1
AR00536 1570cc Inline4 DOHC 2v	01/1966 - 12/1979	L4	1570	95	1
AR01563 1570cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	1570	95	1
AR01600 1570cc Inline4 DOHC 2v	01/1975 - 12/1984	L4	1570	95	1
AR11650 1570cc Inline4 DOHC 2v	01/1962 - On	L4	1570	95	1
AR61101 1567cc Inline4 DOHC 2v	05/1985 - 02/1992	L4	1570	95	1
AR33201 (TS) 1596cc Inline4 DOHC 4v	10/1994 - 12/1996	L4	1596	97	14
AR32101 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 09/2005	L4	1598	97	12



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AR32102 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	1598	97	12
AR32103 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	1598	97	12
AR32104 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	1598	97	12
AR37203 (TS) 1598cc Inline4 DOHC 4v	01/2001 - 03/2010	L4	1598	97	13
AR38201 (TS) 1598cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1598	97	12
AR67601 (TS) 1598cc Inline4 DOHC 4v	05/1996 - 05/2006	L4	1598	97	12
AR30550 1712cc Flat4 SOHC 2v	01/1986 - 12/1989	H4	1712	104	9
AR30558 1712cc Flat4 SOHC 2v	10/1987 - 12/1989	H4	1712	104	9
AR30578 1712cc Flat4 SOHC 2v	04/1988 - 12/1989	H4	1712	104	9
AR30736 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	1712	104	9
AR30737 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	1712	104	9
AR30737A 1712cc Flat4 SOHC 2v	04/1992 - 09/1994	H4	1712	104	9
AR30740 1712cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	1712	104	9
AR32201 (TS) 1747cc Inline4 DOHC 4v	09/1997 - 10/2005	L4	1747	106	11
AR32205 (TS) 1747cc Inline4 DOHC 4v	10/2000 - 09/2010	L4	1747	106	11
AR38401 (TS) 1747cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	1747	106	11
AR67106 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	1747	106	11
AR67199 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	1747	106	11
AR67103 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	1748	106	1
AR67105 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	1748	106	1
AR67402 1748cc Inline4 DOHC 2v	02/1992 - 12/1997	L4	1756	107	1
4.108 1760cc Inline4 2v Diesel	06/1976 - 12/1978	L4	1760	107	19
AR67101 1773cc Inline4 DOHC 2v	08/1989 - 12/1996	L4	1773	108	1
AR67102 1773cc Inline4 DOHC 2v	01/1992 - 12/1996	L4	1773	108	1
AR00548 1779cc Inline4 DOHC 2v	01/1967 - 12/1972	L4	1779	108	1
AR01354 1779cc Inline4 DOHC 2v Turbo	01/1984 - 12/1985	L4	1779	108	1
AR01608 1779cc Inline4 DOHC 2v	01/1974 - 12/1984	L4	1779	108	1
AR01608X 1779cc Inline4 DOHC 2v	01/1974 - 12/1977	L4	1779	108	1
AR01678 1779cc Inline4 DOHC 2v	04/1979 - 12/1984	L4	1779	108	1
AR06134 1779cc Inline4 DOHC 2v Turbo	09/1986 - 02/1992	L4	1779	108	1
AR06158 1779cc Inline4 DOHC 2v Turbo	02/1986 - 01/1990	L4	1779	108	1
AR06168 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	1779	108	1
AR06202 1779cc Inline4 DOHC 2v	10/1984 - 06/1989	L4	1779	108	1
AR10548 1779cc Inline4 DOHC 2v	01/1968 - On	L4	1779	108	1
AR61102 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	1779	108	1
AR61201 1779cc Inline4 DOHC 2v	08/1989 - 02/1992	L4	1779	108	1
AR61202 1779cc Inline4 DOHC 2v	01/1989 - 12/1992	L4	1779	108	1
AR61203 1779cc Inline4 DOHC 2v Turbo	01/1988 - 12/1992	L4	1779	108	1
VM82A (HR392) 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 12/1989	L3	1779	108	5
VM96A 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 09/1994	L3	1779	108	5
192 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	1910	116	20
192 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	1910	116	20
937 A3.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2005 - 03/2010	L4	1910	116	20
937 A4.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2003 - 05/2006	L4	1910	116	20
937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2003 - 09/2010	L4	1910	116	20
937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	23
937 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	23
939 A2.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	20
939 A8.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	1910	116	20
160 D100 1929cc Inline4 SOHC 2v Diesel	04/1985 - 12/1989	L4	1929	117	17
AR33601 1929cc Inline4 SOHC 2v Turbo Diesel	10/1994 - 02/1999	L4	1929	117	15
AR67501 1929cc Inline4 SOHC 2v Turbo Diesel	04/1993 - 02/1999	L4	1929	117	15
AR67502 1929cc Inline4 SOHC 2v Turbo Diesel	04/1993 - 02/1999	L4	1929	117	15
AR00512 1962cc Inline4 DOHC 2v	01/1971 - 12/1977	L4	1962	119	1
AR00515 1962cc Inline4 DOHC 2v	01/1973 - 12/1993	L4	1962	119	1
AR01212 1962cc Inline4 DOHC 2v	01/1977 - On	L4	1962	119	1
AR01544 1962cc Inline4 DOHC 2v	08/1986 - 12/1990	L4	1962	119	1
AR01588 1962cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	1962	119	1





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AR01590 1962cc Inline4 DOHC 2v	01/1977 - 12/1993	L4	1962	119	1
AR01615 1962cc Inline4 DOHC 2v	01/1977 - On	L4	1962	119	1
AR01623 1962cc Inline4 DOHC 2v	03/1977 - 01/1986	L4	1962	119	1
AR01655 1962cc Inline4 DOHC 2v	06/1977 - 01/1986	L4	1962	119	1
AR01713 1962cc Inline4 DOHC 2v	07/1978 - 07/1987	L4	1962	119	1
AR06166 1962cc Inline4 DOHC 2v	01/1987 - 02/1992	L4	1962	119	1
937 A1.000 1970cc Inline4 DOHC 4v	03/2002 - 09/2010	L4	1970	120	22
AR16201 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 10/2005	L4	1970	120	11
AR32301 (TS) 1970cc Inline4 DOHC 4v	09/1997 - 01/2001	L4	1970	120	11
AR32303 (TS) 1970cc Inline4 DOHC 4v	11/1997 - 04/2000	L4	1970	120	11
AR32310 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 03/2010	L4	1970	120	11
AR34103 (TS) 1970cc Inline4 DOHC 4v	09/1998 - 10/2000	L4	1970	120	11
AR36301 (TS) 1970cc Inline4 DOHC 4v	10/2000 - 06/2007	L4	1970	120	11
AR67204 (TS) 1970cc Inline4 DOHC 4v	03/1995 - 01/2001	L4	1970	120	11
AR67299 (TS) 1970cc Inline4 DOHC 4v	01/1995 - On	L4	1970	120	11
AR06476 1995cc Inline4 DOHC 2v Turbo	10/1987 - 09/1998	L4	1995	121	18
AR67203 1995cc Inline4 DOHC 4v Turbo	01/1992 - 12/1997	L4	1995	121	16
VM4HT 1995cc Inline4 OHV 2v Turbo Diesel	01/1983 - 12/1985	L4	1995	121	7
VM4HT/2 1995cc Inline4 OHV 2v Turbo Diesel	10/1979 - 11/1985	L4	1995	121	7
VM80A 1995cc Inline4 OHV 2v Turbo Diesel	05/1985 - 09/1992	L4	1995	121	7
AR01932 1997cc V6 SOHC 2v	07/1981 - 12/1986	V6	1997	121	3
AR06210 1997cc V6 SOHC 2v	10/1984 - 07/1987	V6	1997	121	3
AR16202 1997cc V6 SOHC 2v Turbo	06/1995 - 04/2005	V6	1997	121	3
AR34102 1997cc V6 SOHC 2v Turbo	09/1998 - 10/2000	V6	1997	121	3
AR64101 1997cc V6 SOHC 2v Turbo	03/1991 - 09/1992	V6	1997	121	3
AR64102 1997cc V6 SOHC 2v Turbo	09/1992 - 09/1998	V6	1997	121	3
839 A6.000 2387cc Inline5 Turbo Diesel	10/2000 - 09/2007	L5	2387	145	24
841 C.000 2387cc Inline5 Turbo Diesel	03/2002 - 06/2007	L5	2387	145	24
841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	2387	145	21
841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	2387	145	21
841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel	06/2003 - 06/2007	L5	2387	145	21
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel	09/1997 - 10/2000	L5	2387	145	24
AR34202 2387cc Inline5 SOHC 2v Turbo Diesel	09/1998 - 10/2000	L5	2387	145	24
AR36202 2387cc Inline5 SOHC 2v Turbo Diesel	10/2000 - 05/2002	L5	2387	145	24
VM4HT 2.4 2393cc OHV 2v Turbo Diesel	04/1983 - 12/1984	L4	2393	146	7
VM81A 2393cc OHV 2v Turbo Diesel	01/1989 - 02/1992	L4	2393	146	7
AR01646 2492cc V6 SOHC 2v	11/1980 - 07/1987	V6	2492	152	3
AR01648 2492cc V6 SOHC 2v	09/1986 - 04/1989	V6	2492	152	3
AR01911 2492cc V6 SOHC 2v	10/1984 - 07/1987	V6	2492	152	3
AR01928 2492cc V6 SOHC 2v	04/1979 - 12/1986	V6	2492	152	3
AR11900 2492cc V6 SOHC 2v	10/1984 - 02/1992	V6	2492	152	3
AR32401 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	2492	152	3
AR32402 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	2492	152	3
AR32405 2492cc V6 DOHC 4v	10/2000 - 05/2006	V6	2492	152	3
AR34201 2492cc V6 DOHC 4v	09/1998 - 10/2000	V6	2492	152	3
AR36201 2492cc V6 DOHC 4v	10/2000 - 06/2007	V6	2492	152	3
AR66201 2492cc V6 SOHC 2v	09/1992 - 09/1998	V6	2492	152	3
AR67301 2492cc V6 SOHC 2v	02/1992 - 09/1996	V6	2492	152	3
AR67302 2492cc V6 SOHC 2v	10/1992 - 12/1997	V6	2492	152	3
AR67303 2492cc V6 SOHC 2v	05/1996 - 10/1997	V6	2492	152	3
VM5HT (HR588) 2494cc Inline5 OHV 2v Turbo Diesel	07/1981 - 05/1986	L5	2494	152	6
VM HR425 CLIEE 2499cc Inline4 OHV 2v Turbo Diesel	04/1992 - 12/2000	L4	2499	152	8
VM HR425 CLIRX 2499cc Inline4 OHV 2v Turbo Diesel	10/1995 - 12/2001	L4	2499	152	8
VM07B 2499cc Inline4 OHV 2v Turbo Diesel	04/1993 - 12/1997	L4	2499	152	8
VM08B 2499cc Inline4 OHV 2v Turbo Diesel	09/1992 - 09/1998	L4	2499	152	8
VM31B 2499cc Inline4 OHV 2v Turbo Diesel	04/1993 - 12/1997	L4	2499	152	8
VM32B 2499cc Inline4 OHV 2v Turbo Diesel	09/1992 - 09/1998	L4	2499	152	8
VM-425 CHIEA 08B 2499cc Inline4 OHV 2v Turbo Diesel	03/1993 - 10/1997	L4	2499	152	8

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
VM-425 SLIRA 2499cc Inline4 OHV 2v Turbo Diesel	01/1990 - 02/1999	L4	2499	152	8
VM84A 2499cc Inline4 OHV 2v Turbo Diesel	06/1987 - 09/1992	L4	2499	152	8
AR06120 2959cc V6 SOHC 2v	01/1987 - 12/1990	V6	2959	180	4
AR06124 2959cc V6 SOHC 2v	01/1987 - 02/1992	V6	2959	180	4
AR06410 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	2959	180	4
AR06412 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	2959	180	4
AR06430 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	2959	180	4
AR16101 2959cc V6 SOHC 2v	06/1995 - 04/2005	V6	2959	180	4
AR16102 2959cc V6 DOHC 4v	10/1996 - 10/2000	V6	2959	180	4
AR16105 2959cc V6 DOHC 4v	10/2000 - 10/2005	V6	2959	180	4
AR16199 2959cc V6 DOHC 4v	04/1995 - On	V6	2959	180	4
AR19520 2959cc V6 SOHC 2v	02/1987 - 02/1992	V6	2959	180	4
AR34301 2959cc V6 DOHC 4v	09/1998 - 10/2000	V6	2959	180	4
AR34302 2959cc V6 DOHC 4v	10/1998 - 09/2000	V6	2959	180	4
AR36101 2959cc V6 DOHC 4v	10/2000 - 06/2007	V6	2959	180	4
AR61501 2959cc V6 SOHC 2v	09/1988 - 12/1994	V6	2959	180	4
AR61503 2959cc V6 SOHC 2v	02/1990 - 02/1992	V6	2959	180	4
AR64301 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	2959	180	4
AR64304 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	2959	180	4
AR64305 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	2959	180	4
AR64307 2959cc V6 DOHC 4v	11/1992 - 09/1998	V6	2959	180	4
AR64308 2959cc V6 DOHC 4v	02/1994 - 09/1998	V6	2959	180	4
AR64399 2959cc V6 SOHC 2v	10/1994 - 08/1997	V6	2959	180	4
AR66301 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	2959	180	4
AR66302 2959cc V6 DOHC 4v	09/1992 - 10/1998	V6	2959	180	4
AR66303 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	2959	180	4
AR66304 2959cc V6 DOHC 4v	01/1993 - 09/1998	V6	2959	180	4
M624 AA30A 2959cc V6 SOHC 2v	09/1987 - 09/1992	V6	2959	180	4
M624 AB30A 2959cc V6 SOHC 2v	09/1992 - 10/1998	V6	2959	180	4





1	Engine	Year	Cyl	Bore x Stroke	1
	AR00512 1962cc Inline4 DOHC 2v	01/1971 - 12/1977	L4	84.0mm x 88.5mm	
	AR00515 1962cc Inline4 DOHC 2v	01/1973 - 12/1993	L4	84.0mm x 88.5mm	
	AR00526 1570cc Inline4 DOHC 2v	06/1964 - 12/1990	L4	78.0mm x 82.0mm	
	AR00526S 1570cc Inline4 DOHC 2v	03/1963 - 12/1977	L4	78.0mm x 82.0mm	
	AR00536 1570cc Inline4 DOHC 2v	01/1966 - 12/1979	L4	78.0mm x 82.0mm	
	AR00548 1779cc Inline4 DOHC 2v	01/1967 - 12/1972	L4	80.0mm x 88.5mm	
	AR01212 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.0mm	
	AR01354 1779cc Inline4 DOHC 2v Turbo	01/1984 - 12/1985	L4	80.0mm x 88.5mm	
	AR01544 1962cc Inline4 DOHC 2v	08/1986 - 12/1990	L4	84.0mm x 88.5mm	
	AR01563 1570cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	78.0mm x 82.0mm	
	AR01588 1962cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	84.0mm x 88.5mm	
	AR01590 1962cc Inline4 DOHC 2v	01/1977 - 12/1993	L4	84.0mm x 88.5mm	
	AR01600 1570cc Inline4 DOHC 2v	01/1975 - 12/1984	L4	78.0mm x 82.0mm	
	AR01608 1779cc Inline4 DOHC 2v	01/1974 - 12/1984	L4	80.0mm x 88.5mm	
	AR01608X 1779cc Inline4 DOHC 2v	01/1974 - 12/1977	L4	80.0mm x 88.5mm	
	AR01615 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.5mm	
	AR01623 1962cc Inline4 DOHC 2v	03/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01655 1962cc Inline4 DOHC 2v	06/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01678 1779cc Inline4 DOHC 2v	04/1979 - 12/1984	L4	80.0mm x 88.5mm	
	AR01713 1962cc Inline4 DOHC 2v	07/1978 - 07/1987	L4	84.0mm x 88.5mm	
	AR06100 1567cc Inline4 DOHC 2v	05/1985 - 09/1989	DOHC4	78.0mm x 82.0mm	
	AR06134 1779cc Inline4 DOHC 2v Turbo	09/1986 - 02/1992	L4	80.0mm x 88.5mm	
	AR06158 1779cc Inline4 DOHC 2v Turbo	02/1986 - 01/1990	L4	80.0mm x 88.5mm	
	AR06166 1962cc Inline4 DOHC 2v	01/1987 - 02/1992	L4	84.0mm x 88.5mm	
	AR06168 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR06202 1779cc Inline4 DOHC 2v	10/1984 - 06/1989	L4	80.0mm x 88.5mm	
	AR10548 1779cc Inline4 DOHC 2v	01/1968 - On	L4	80.0mm x 88.5mm	
	AR11650 1570cc Inline4 DOHC 2v	01/1962 - On	L4	78.0mm x 82.0mm	
	AR61101 1567cc Inline4 DOHC 2v	05/1985 - 02/1992	L4	78.0mm x 82.0mm	
	AR61102 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR61201 1779cc Inline4 DOHC 2v	08/1989 - 02/1992	L4	80.0mm x 88.5mm	
	AR61202 1779cc Inline4 DOHC 2v	01/1989 - 12/1992	L4	80.0mm x 88.5mm	
	AR61203 1779cc Inline4 DOHC 2v Turbo	01/1988 - 12/1992	L4	80.0mm x 88.5mm	
	AR67101 1773cc Inline4 DOHC 2v	08/1989 - 12/1996	L4	84.0mm x 80.0mm	
	AR67102 1773cc Inline4 DOHC 2v	01/1992 - 12/1996	L4	84.0mm x 80.0mm	
	AR67103 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.4mm x mm	
	AR67105 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.5mm x mm	
	AR67402 1748cc Inline4 DOHC 2v	02/1992 - 12/1997	L4	84.0mm x mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>4B1110H</b> STD, .25		49.987/1.9680 50.000/1.9685	53.693/2.1139 53.708/2.1145	1.836/.0723	23.44/.923	F781	1110H IH
<b>4B1110P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	49.987/1.9680 50.000/1.9685	53.693/2.1139 53.708/2.1145	1.836/.0723	23.44/.923	F780	1110 IH
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M1112H</b> STD, .25	1,3,5	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.52/1.005	F780	1112H IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113H IH
<b>5M1112P</b> STD, 010, 020, 030, 040	<b>MAINS</b>	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.53/1.005	F780	1112 IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113 IH
<b>2T4242</b> STD	<b>THRUST</b>	65.790/2.5902 66.040/2.6000	82.420/3.2449 82.680/3.2551		2.36/.093	F1	4242T UL



1	Engine	Year	Cyl	Bore x Stroke	1
	AR00512 1962cc Inline4 DOHC 2v	01/1971 - 12/1977	L4	84.0mm x 88.5mm	
	AR00515 1962cc Inline4 DOHC 2v	01/1973 - 12/1993	L4	84.0mm x 88.5mm	
	AR00526 1570cc Inline4 DOHC 2v	06/1964 - 12/1990	L4	78.0mm x 82.0mm	
	AR00526S 1570cc Inline4 DOHC 2v	03/1963 - 12/1977	L4	78.0mm x 82.0mm	
	AR00536 1570cc Inline4 DOHC 2v	01/1966 - 12/1979	L4	78.0mm x 82.0mm	
	AR00548 1779cc Inline4 DOHC 2v	01/1967 - 12/1972	L4	80.0mm x 88.5mm	
	AR01212 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.0mm	
	AR01354 1779cc Inline4 DOHC 2v Turbo	01/1984 - 12/1985	L4	80.0mm x 88.5mm	
	AR01544 1962cc Inline4 DOHC 2v	08/1986 - 12/1990	L4	84.0mm x 88.5mm	
	AR01563 1570cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	78.0mm x 82.0mm	
	AR01588 1962cc Inline4 DOHC 2v	01/1990 - 12/1993	L4	84.0mm x 88.5mm	
	AR01590 1962cc Inline4 DOHC 2v	01/1977 - 12/1993	L4	84.0mm x 88.5mm	
	AR01600 1570cc Inline4 DOHC 2v	01/1975 - 12/1984	L4	78.0mm x 82.0mm	
	AR01608 1779cc Inline4 DOHC 2v	01/1974 - 12/1984	L4	80.0mm x 88.5mm	
	AR01608X 1779cc Inline4 DOHC 2v	01/1974 - 12/1977	L4	80.0mm x 88.5mm	
	AR01615 1962cc Inline4 DOHC 2v	01/1977 - On	L4	84.0mm x 88.5mm	
	AR01623 1962cc Inline4 DOHC 2v	03/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01655 1962cc Inline4 DOHC 2v	06/1977 - 01/1986	L4	84.0mm x 88.5mm	
	AR01678 1779cc Inline4 DOHC 2v	04/1979 - 12/1984	L4	80.0mm x 88.5mm	
	AR01713 1962cc Inline4 DOHC 2v	07/1978 - 07/1987	L4	84.0mm x 88.5mm	
	AR06100 1567cc Inline4 DOHC 2v	05/1985 - 09/1989	DOHC4	78.0mm x 82.0mm	
	AR06134 1779cc Inline4 DOHC 2v Turbo	09/1986 - 02/1992	L4	80.0mm x 88.5mm	
	AR06158 1779cc Inline4 DOHC 2v Turbo	02/1986 - 01/1990	L4	80.0mm x 88.5mm	
	AR06166 1962cc Inline4 DOHC 2v	01/1987 - 02/1992	L4	84.0mm x 88.5mm	
	AR06168 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR06202 1779cc Inline4 DOHC 2v	10/1984 - 06/1989	L4	80.0mm x 88.5mm	
	AR10548 1779cc Inline4 DOHC 2v	01/1968 - On	L4	80.0mm x 88.5mm	
	AR11650 1570cc Inline4 DOHC 2v	01/1962 - On	L4	78.0mm x 82.0mm	
	AR61101 1567cc Inline4 DOHC 2v	05/1985 - 02/1992	L4	78.0mm x 82.0mm	
	AR61102 1779cc Inline4 DOHC 2v	09/1988 - 02/1992	L4	80.0mm x 88.5mm	
	AR61201 1779cc Inline4 DOHC 2v	08/1989 - 02/1992	L4	80.0mm x 88.5mm	
	AR61202 1779cc Inline4 DOHC 2v	01/1989 - 12/1992	L4	80.0mm x 88.5mm	
	AR61203 1779cc Inline4 DOHC 2v Turbo	01/1988 - 12/1992	L4	80.0mm x 88.5mm	
	AR67101 1773cc Inline4 DOHC 2v	08/1989 - 12/1996	L4	84.0mm x 80.0mm	
	AR67102 1773cc Inline4 DOHC 2v	01/1992 - 12/1996	L4	84.0mm x 80.0mm	
	AR67103 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.4mm x mm	
	AR67105 1748cc Inline4 DOHC 2v	04/1993 - 04/1996	L4	83.5mm x mm	
	AR67402 1748cc Inline4 DOHC 2v	02/1992 - 12/1997	L4	84.0mm x mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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**PISTON PIN BUSH**

<b>RB4153</b>		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153
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2	Engine	Year	Cyl	Bore x Stroke	2
	AR00500 1290cc Inline4 DOHC 2v	01/1955 - 12/1962	L4	74.0mm x 75.0mm	
	AR00501 1290cc Inline4 DOHC 2v	01/1954 - 12/1962	L4	74.0mm x 75.0mm	
	AR00502 1290cc Inline4 DOHC 2v	01/1957 - 12/1962	L4	74.0mm x 75.0mm	
	AR00504 1290cc Inline4 DOHC 2v	01/1958 - 12/1983	L4	74.0mm x 75.0mm	
	AR00508 1290cc Inline4 DOHC 2v	01/1961 - 12/1962	L4	74.0mm x 75.0mm	
	AR00510 1290cc Inline4 DOHC 2v	01/1956 - 12/1962	L4	74.0mm x 75.0mm	
	AR00514 1290cc Inline4 DOHC 2v	01/1958 - 12/1961	L4	74.0mm x 75.0mm	
	AR00530 1290cc Inline4 DOHC 2v	01/1966 - 12/1978	L4	74.0mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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**RACE SERIES**

**MAINS**

<b>5M1112H</b> STD, .25	1,3,5	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.52/1.005	F780	1112H IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113H IH



2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1112P</b> STD, .010, .020, .030, .040	<b>MAINS</b>						
	1,3,5	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	25.53/1.005	F780	1112 IH
	2,4	59.959/2.3606 59.972/2.3611	63.657/2.5062 63.675/2.5069	1.829/.0720	18.36/.723	F780	1113 IH
	<b>THRUST</b>						
<b>2T4242</b> STD		65.790/2.5902 66.040/2.6000	82.420/3.2449 82.680/3.2551		2.36/.093	F1	4242T UL
	<b>PISTON PIN BUSH</b>						
<b>RB4153</b>		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153

3 Engine	Year	Cyl	Bore x Stroke	3
AR01646 2492cc V6 SOHC 2v	11/1980 - 07/1987	V6	88.0mm x 68.3mm	
AR01648 2492cc V6 SOHC 2v	09/1986 - 04/1989	V6	88.0mm x 68.3mm	
AR01911 2492cc V6 SOHC 2v	10/1984 - 07/1987	V6	88.0mm x 68.3mm	
AR01928 2492cc V6 SOHC 2v	04/1979 - 12/1986	V6	88.0mm x 68.3mm	
AR01932 1997cc V6 SOHC 2v	07/1981 - 12/1986	V6	80.0mm x 66.2mm	
AR06210 1997cc V6 SOHC 2v	10/1984 - 07/1987	V6	80.0mm x 66.2mm	
AR11900 2492cc V6 SOHC 2v	10/1984 - 02/1992	V6	88.0mm x 68.3mm	
AR16202 1997cc V6 SOHC 2v Turbo	06/1995 - 04/2005	V6	80.0mm x 66.2mm	
AR32401 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	88.0mm x 68.3mm	
AR32402 2492cc V6 DOHC 4v	09/1997 - 12/2001	V6	88.0mm x 68.3mm	
AR32405 2492cc V6 DOHC 4v	10/2000 - 05/2006	V6	88.0mm x 68.3mm	
AR34102 1997cc V6 SOHC 2v Turbo	09/1998 - 10/2000	V6	80.0mm x 66.2mm	
AR34201 2492cc V6 DOHC 4v	09/1998 - 10/2000	V6	88.0mm x 68.3mm	
AR36201 2492cc V6 DOHC 4v	10/2000 - 06/2007	V6	88.0mm x 68.3mm	
AR64101 1997cc V6 SOHC 2v Turbo	03/1991 - 09/1992	V6	80.0mm x 66.2mm	
AR64102 1997cc V6 SOHC 2v Turbo	09/1992 - 09/1998	V6	80.0mm x 66.2mm	
AR66201 2492cc V6 SOHC 2v	09/1992 - 09/1998	V6	88.0mm x 68.3mm	
AR67301 2492cc V6 SOHC 2v	02/1992 - 09/1996	V6	88.0mm x 68.3mm	
AR67302 2492cc V6 SOHC 2v	10/1992 - 12/1997	V6	88.0mm x 68.3mm	
AR67303 2492cc V6 SOHC 2v	05/1996 - 10/1997	V6	88.0mm x 68.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2875P</b> STD, .25	<b>CONROD</b>	51.980/2.0465 52.000/2.0472	55.511/2.1855 55.524/2.1860	1.749/.0689	19.10/.752	F780	2875 IH
	<b>MAINS</b>						
<b>4M2874P</b> STD, .25	1,2,3,4	59.951/2.3603 59.971/2.3611	63.657/2.5062 63.676/2.5069	1.841/.0725	22.35/.880	F780	2874 IH
	<b>THRUST</b>						
<b>1T2874A</b> STD					2.36/.093	F817	2874T UL
	<b>PISTON PIN BUSH</b>						
<b>RB4153</b>		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153





4	Engine	Year	Cyl	Bore x Stroke	4
	AR06120 2959cc V6 SOHC 2v	01/1987 - 12/1990	V6	93.0mm x 72.6mm	
	AR06124 2959cc V6 SOHC 2v	01/1987 - 02/1992	V6	93.0mm x 72.6mm	
	AR06410 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	93.0mm x 72.6mm	
	AR06412 2959cc V6 SOHC 2v	06/1987 - 09/1992	V6	93.0mm x 72.6mm	
	AR06430 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	93.0mm x 72.6mm	
	AR16101 2959cc V6 SOHC 2v	06/1995 - 04/2005	V6	93.0mm x 72.6mm	
	AR16102 2959cc V6 DOHC 4v	10/1996 - 10/2000	V6	93.0mm x 72.6mm	
	AR16105 2959cc V6 DOHC 4v	10/2000 - 10/2005	V6	93.0mm x 72.6mm	
	AR16199 2959cc V6 DOHC 4v	04/1995 - On	V6	93.0mm x 72.6mm	
	AR19520 2959cc V6 SOHC 2v	02/1987 - 02/1992	V6	93.0mm x 72.6mm	
	AR34301 2959cc V6 DOHC 4v	09/1998 - 10/2000	V6	93.0mm x 72.6mm	
	AR34302 2959cc V6 DOHC 4v	10/1998 - 09/2000	V6	93.0mm x 72.6mm	
	AR36101 2959cc V6 DOHC 4v	10/2000 - 06/2007	V6	93.0mm x 72.6mm	
	AR61501 2959cc V6 SOHC 2v	09/1988 - 12/1994	V6	93.0mm x 72.6mm	
	AR61503 2959cc V6 SOHC 2v	02/1990 - 02/1992	V6	93.0mm x 72.6mm	
	AR64301 2959cc V6 SOHC 2v	09/1990 - 09/1992	V6	93.0mm x 72.6mm	
	AR64304 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR64305 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR64307 2959cc V6 DOHC 4v	11/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR64308 2959cc V6 DOHC 4v	02/1994 - 09/1998	V6	93.0mm x 72.6mm	
	AR64399 2959cc V6 SOHC 2v	10/1994 - 08/1997	V6	93.0mm x 72.6mm	
	AR66301 2959cc V6 DOHC 4v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR66302 2959cc V6 DOHC 4v	09/1992 - 10/1998	V6	93.0mm x 72.6mm	
	AR66303 2959cc V6 SOHC 2v	09/1992 - 09/1998	V6	93.0mm x 72.6mm	
	AR66304 2959cc V6 DOHC 4v	01/1993 - 09/1998	V6	93.0mm x 72.6mm	
	M624 AA30A 2959cc V6 SOHC 2v	09/1987 - 09/1992	V6	93.0mm x 72.6mm	
	M624 AB30A 2959cc V6 SOHC 2v	09/1992 - 10/1998	V6	93.0mm x 72.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2875P</b> STD, .25		51.980/2.0465	55.511/2.1855	1.749/.0689	19.10/.752	F780	2875 IH
		52.000/2.0472	55.524/2.1860				
<b>4M2874P</b> STD, .25	1,2,3,4	59.951/2.3603	63.657/2.5062	1.841/.0725	22.35/.880	F780	2874 IH
		59.971/2.3611	63.676/2.5069				
<b>1T2874A</b> STD	<b>THRUST</b>				2.36/.093	F817	2874T UL
<b>RB4153</b>	<b>PISTON PIN BUSH</b>	21.994/.8659	25.120/.9890		23.72/.934	F100	RB4153
		22.000/.8661	25.146/.9900				

5	Engine	Year	Cyl	Bore x Stroke	5
	VM82A (HR392) 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 12/1989	L3	92.0mm x 89.2mm	
	VM96A 1779cc Inline3 OHV 2v Turbo Diesel	01/1986 - 09/1994	L3	92.0mm x 89.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>1B1090P</b> STD, .25, .50, .75		<i>Contains one pair only.</i>		1.798/.0708	23.25/.915	F780	1090 IH
		53.940/2.1236	57.563/2.2663				
<b>3B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
<b>1T1093</b> STD	<b>THRUST</b>	74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T IH
		74.500/2.9331	88.100/3.4685				
<b>RB4154</b> UNB	<b>PISTON PIN BUSH</b>	29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				





6 Engine				Year	Cyl	Bore x Stroke	6
VM5HT (HR588) 2494cc Inline5 OHV 2v Turbo Diesel				07/1981 - 05/1986	L5	88.0mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Contains one pair only.</i>							
<b>1B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
<b>THRUST</b>							
<b>1T1093</b> STD		74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T IH
		74.500/2.9331	88.100/3.4685				
<b>PISTON PIN BUSH</b>							
<b>RB4154</b> UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

7 Engine				Year	Cyl	Bore x Stroke	7
VM4HT 1995cc Inline4 OHV 2v Turbo Diesel				01/1983 - 12/1985	L4	88.0mm x 82.0mm	
VM4HT 2.4 2393cc OHV 2v Turbo Diesel				04/1983 - 12/1984	L4	92.0mm x 90.0mm	
VM4HT/2 1995cc Inline4 OHV 2v Turbo Diesel				10/1979 - 11/1985	L4	88.0mm x 82.0mm	
VM80A 1995cc Inline4 OHV 2v Turbo Diesel				05/1985 - 09/1992	L4	88.0mm x 82.0mm	
VM81A 2393cc OHV 2v Turbo Diesel				01/1989 - 02/1992	L4	92.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Contains one pair only.</i>							
<b>1B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
<b>CONROD</b>							
<b>4B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
<b>MAINS</b>							
<b>5M1093A</b> STD, .25, .50, .75, 1.00	1	62.995/2.4801	67.025/2.6388	2.000/.0787	32.25/1.270	F810	1093A
		63.010/2.4807	67.050/2.6398				
	2,3,4	63.005/2.4805	66.670/2.6248	1.820/.0717	28.00/1.102	F810	1094A IH
		63.020/2.4811	66.687/2.6255				
	5	69.980/2.7551	75.005/2.9529	2.500/.0984	32.25/1.270	F810	1095A
	70.000/2.7559	75.030/2.9539					
<b>THRUST</b>							
<b>1T1093</b> STD		74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T IH
		74.500/2.9331	88.100/3.4685				
<b>PISTON PIN BUSH</b>							
<b>RB4154</b> UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

8 Engine				Year	Cyl	Bore x Stroke	8
VM HR425 CLIEE 2499cc Inline4 OHV 2v Turbo Diesel				04/1992 - 12/2000	L4	92.0mm x 94.0mm	
VM HR425 CLIRX 2499cc Inline4 OHV 2v Turbo Diesel				10/1995 - 12/2001	L4	92.0mm x 94.0mm	
VM07B 2499cc Inline4 OHV 2v Turbo Diesel				04/1993 - 12/1997	L4	92.0mm x 94.0mm	
VM08B 2499cc Inline4 OHV 2v Turbo Diesel				09/1992 - 09/1998	L4	92.0mm x 94.0mm	
VM31B 2499cc Inline4 OHV 2v Turbo Diesel				04/1993 - 12/1997	L4	92.0mm x 94.0mm	
VM32B 2499cc Inline4 OHV 2v Turbo Diesel				09/1992 - 09/1998	L4	92.0mm x 94.0mm	
VM-425 CHIEA 08B 2499cc Inline4 OHV 2v Turbo Diesel				03/1993 - 10/1997	L4	92.0mm x 94.0mm	
VM-425 SLIRA 2499cc Inline4 OHV 2v Turbo Diesel				01/1990 - 02/1999	L4	92.0mm x 94.0mm	
VM84A 2499cc Inline4 OHV 2v Turbo Diesel				06/1987 - 09/1992	L4	92.0mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Contains one pair only.</i>							
<b>1B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				
<b>CONROD</b>							
<b>4B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090 IH
		53.955/2.1242	57.582/2.2670				

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8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1091A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1	62.995/2.4801 63.010/2.4807	67.025/2.6388 67.050/2.6398	2.000/.0787	28.25/1.112	F810	1091A
	2,3,4	63.005/2.4805 63.020/2.4811	66.670/2.6248 66.687/2.6255	1.820/.0717	28.00/1.102	F810	1094A IH
	5	69.985/2.7553 70.000/2.7559	75.005/2.9529 75.030/2.9539	2.510/.0988	22.25/.876	F810	1092A
	<b>THRUST</b>						
	<b>1T1093</b> STD		74.250/2.9232 74.500/2.9331	88.000/3.4646 88.100/3.4685		2.36/.093	F817
<b>PISTON PIN BUSH</b>							
<b>RB4154</b> UNB		29.990/1.1807 29.996/1.1809	34.000/1.3386 34.025/1.3396		30.12/1.186	F100	RB4154



9	Engine	Year	Cyl	Bore x Stroke	9
	AR30100 1351cc Flat4 SOHC 2v	01/1985 - 12/1986	H4	80.0mm x 67.2mm	
	AR30102 1186cc Flat4 SOHC 2v	06/1972 - 12/1986	H4	80.0mm x 59.0mm	
	AR30102S 1186cc Flat4 SOHC 2v	03/1980 - 09/1984	H4	80.0mm x 59.0mm	
	AR30104 1186cc Flat4 SOHC 2v	11/1973 - 09/1984	H4	80.0mm x 59.0mm	
	AR30124 1490cc Flat4 SOHC 2v	05/1978 - 12/1989	H4	84.0mm x 67.2mm	
	AR30128 1490cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	84.0mm x 67.2mm	
	AR30146 1490cc Flat4 SOHC 2v	01/1980 - 12/1989	H4	84.0mm x 76.2mm	
	AR30160 1351cc Flat4 SOHC 2v	01/1979 - 09/1984	H4	80.0mm x 67.2mm	
	AR30164 1351cc Flat4 SOHC 2v	09/1977 - 09/1984	H4	80.0mm x 67.2mm	
	AR30168 1351cc Flat4 SOHC 2v	07/1979 - 12/1989	H4	80.0mm x 76.2mm	
	AR30182 1490cc Flat4 SOHC 2v	03/1980 - 12/1993	H4	84.0mm x 67.2mm	
	AR30184 1286cc Flat4 SOHC 2v	09/1976 - 09/1984	H4	80.0mm x 67.2mm	
	AR30198 1490cc Flat4 SOHC 2v	01/1983 - 12/1989	H4	84.0mm x 67.2mm	
	AR30500 1186cc Flat4 SOHC 2v	06/1983 - 03/1988	H4	80.0mm x 59.0mm	
	AR30502 1351cc Flat4 SOHC 2v	05/1983 - 12/1989	H4	80.0mm x 67.2mm	
	AR30504 1490cc Flat4 SOHC 2v	03/1983 - 01/1988	H4	84.0mm x 67.2mm	
	AR30508 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	84.0mm x 67.2mm	
	AR30514 1490cc Flat4 SOHC 2v	01/1984 - 12/1989	H4	84.0mm x 67.2mm	
	AR30520 1490cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	84.0mm x 67.2mm	
	AR30550 1712cc Flat4 SOHC 2v	01/1986 - 12/1989	H4	87.0mm x 72.0mm	
	AR30558 1712cc Flat4 SOHC 2v	10/1987 - 12/1989	H4	87.0mm x 72.0mm	
	AR30578 1712cc Flat4 SOHC 2v	04/1988 - 12/1989	H4	87.0mm x 72.0mm	
	AR30585 1186cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	80.0mm x 59.0mm	
	AR30586 1351cc Flat4 SOHC 2v	06/1983 - 12/1989	H4	80.0mm x 67.2mm	
	AR30587 1351cc Flat4 SOHC 2v	01/1984 - 09/1994	H4	80.0mm x 67.2mm	
	AR30588 1490cc Flat4 SOHC 2v	06/1984 - 12/1989	H4	84.0mm x 67.2mm	
	AR30732 1351cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	80.0mm x 67.2mm	
	AR30734 1490cc Flat4 SOHC 2v	01/1990 - 04/1993	H4	84.0mm x 67.2mm	
	AR30736 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	87.0mm x 72.0mm	
	AR30737 1712cc Flat4 SOHC 2v	01/1990 - 09/1994	H4	87.0mm x 72.0mm	
	AR30737A 1712cc Flat4 SOHC 2v	04/1992 - 09/1994	H4	87.0mm x 72.0mm	
	AR30738 1490cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	84.0mm x 67.2mm	
	AR30740 1712cc Flat4 SOHC 2v	04/1992 - 10/1994	H4	87.0mm x 72.0mm	
	AR30743 1186cc Flat4 SOHC 2v	01/1990 - 08/1991	H4	80.0mm x 59.0mm	
	AR30750 1490cc Flat4 SOHC 2v	06/1990 - 10/1994	H4	84.0mm x 67.2mm	
	AR30751 1490cc Flat4 SOHC 2v	01/1990 - 10/1994	H4	84.0mm x 67.2mm	
	AR30753 1351cc Flat4 SOHC 2v	06/1991 - 09/1994	H4	80.0mm x 67.2mm	
	AR30755 1351cc Flat4 SOHC 2v	07/1990 - 09/1994	H4	80.0mm x 67.2mm	
	AR31000 1186cc Flat4 SOHC 2v	09/1983 - 12/1986	H4	80.0mm x 59.0mm	
	AR31000 1286cc Flat4 SOHC 2v	01/1978 - 02/1980	H4	80.0mm x 64.0mm	
	AR31010 1351cc Flat4 SOHC 2v	03/1983 - 12/1986	H4	80.0mm x 67.2mm	
	AR33501 1351cc Flat4 SOHC 2v	07/1994 - 12/1996	H4	80.0mm x 67.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Plain version.</i>					
<b>4B1062A</b> STD, 010, 020, 030, 040		49.984/1.9679 50.000/1.9685	53.696/2.1140 53.708/2.1145	1.836/.0723	17.80/.701	F810	1062A IH
	<b>CONROD</b>	<i>Grooved version.</i>					
<b>4B1063A</b> STD, 010, 020, 030, 040		49.992/1.9682 50.000/1.9685	53.696/2.1140 53.708/2.1145	1.836/.0723	17.80/.701	F810	1063A IH
	<b>MAINS</b>	1,2,3					
<b>3M1065A</b> STD, 010, 020, 030		59.944/2.3600 59.957/2.3605	63.663/2.5064 63.673/2.5068	1.841/.0725	23.40/.921	F810	1065A IH
	<b>THRUST</b>						
<b>1T1065A</b> STD		65.790/2.5902 66.040/2.6000	82.420/3.2449 82.680/3.2551		2.36/.093	F817	1065T IH
	<b>PISTON PIN BUSH</b>						
<b>RB4155</b>		20.996/.8266 21.000/.8268	23.005/.9057 23.020/.9063		23.50/.925	F100	RB4155



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10	Engine	Year	Cyl	Bore x Stroke	10
	AR33503 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 64.9mm	
	AR38501 (TS) 1370cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 64.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits engines from 02/2000 on.</i>					
<b>4B1046P</b> STD, 010		40.870/1.6091 40.890/1.6098	44.000/1.7323 44.012/1.7328	1.543/.0607	19.10/.752	F780	1046 IH
<b>4B1047A</b> STD, 010	<b>CONROD</b>	40.870/1.6091 40.890/1.6098	44.000/1.7323 44.012/1.7328	1.543/.0607	19.10/.752	F810	1047A IH
<b>5M1053A</b> STD, 010, 020	<b>MAINS</b>						
	1,2,4,5	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.843/.0726	20.75/.817	F810	1053A IH
	3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
<b>RB4156</b>	<b>PISTON PIN BUSH</b>	19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

11	Engine	Year	Cyl	Bore x Stroke	11
	AR16201 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 10/2005	L4	83.0mm x 91.0mm	
	AR32201 (TS) 1747cc Inline4 DOHC 4v	09/1997 - 10/2005	L4	82.0mm x 82.7mm	
	AR32205 (TS) 1747cc Inline4 DOHC 4v	10/2000 - 09/2010	L4	82.0mm x 82.7mm	
	AR32301 (TS) 1970cc Inline4 DOHC 4v	09/1997 - 01/2001	L4	83.0mm x 91.0mm	
	AR32303 (TS) 1970cc Inline4 DOHC 4v	11/1997 - 04/2000	L4	83.0mm x 91.0mm	
	AR32310 (TS) 1970cc Inline4 DOHC 4v	06/1995 - 03/2010	L4	83.0mm x 91.0mm	
	AR34103 (TS) 1970cc Inline4 DOHC 4v	09/1998 - 10/2000	L4	83.0mm x 91.0mm	
	AR36301 (TS) 1970cc Inline4 DOHC 4v	10/2000 - 06/2007	L4	83.0mm x 91.0mm	
	AR38401 (TS) 1747cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 82.7mm	
	AR67106 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	82.0mm x 82.7mm	
	AR67199 (TS) 1747cc Inline4 DOHC 4v	05/1996 - 01/2001	L4	82.0mm x 82.7mm	
	AR67204 (TS) 1970cc Inline4 DOHC 4v	03/1995 - 01/2001	L4	83.0mm x 91.0mm	
	AR67299 (TS) 1970cc Inline4 DOHC 4v	01/1995 - On	L4	83.0mm x 91.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>					
<b>4B2822A</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
<b>4B2822P</b> STD, 010, 020	<b>CONROD</b>						
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
<b>5M1053A</b> STD, 010, 020	<b>MAINS</b>						
	1,2,4,5	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.843/.0726	20.75/.817	F810	1053A IH
	3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
<b>RB4156</b>	<b>PISTON PIN BUSH</b>	19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156



12	Engine	Year	Cyl	Bore x Stroke	12
	AR32101 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 09/2005	L4	82.0mm x 75.7mm	
	AR32102 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	82.0mm x 75.7mm	
	AR32103 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	82.0mm x 75.7mm	
	AR32104 (TS) 1598cc Inline4 DOHC 4v	09/1997 - 05/2006	L4	82.0mm x 75.7mm	
	AR38201 (TS) 1598cc Inline4 DOHC 4v	11/1996 - 01/2001	L4	82.0mm x 75.7mm	
	AR67601 (TS) 1598cc Inline4 DOHC 4v	05/1996 - 05/2006	L4	82.0mm x 75.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits engines from 02/2000 on.</i>					
<b>4B1046P</b> STD, 010		40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F780	1046 IH
		40.890/1.6098	44.012/1.7328				
	<b>CONROD</b>	<i>Suits engines up to 01/2000.</i>					
<b>4B1048A</b> STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
	<b>CONROD</b>	<i>Suits engines up to 01/2000.</i>					
<b>4B1048P</b> STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
	<b>MAINS</b>						
<b>5M1053A</b> STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
	<b>PISTON PIN BUSH</b>						
<b>RB4156</b>		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

13	Engine	Year	Cyl	Bore x Stroke	13
	AR37203 (TS) 1598cc Inline4 DOHC 4v	01/2001 - 03/2010	L4	82.0mm x 75.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits engines from 02/2000 on.</i>					
<b>4B1046P</b> STD, 010		40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F780	1046 IH
		40.890/1.6098	44.012/1.7328				
	<b>MAINS</b>						
<b>5M1053A</b> STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
	<b>PISTON PIN BUSH</b>						
<b>RB4156</b>		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

14	Engine	Year	Cyl	Bore x Stroke	14
	AR33201 (TS) 1596cc Inline4 DOHC 4v	10/1994 - 12/1996	L4	84.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits engines up to 01/2000.</i>					
<b>4B1048A</b> STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
	<b>CONROD</b>	<i>Suits engines up to 01/2000.</i>					
<b>4B1048P</b> STD, 010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
	<b>MAINS</b>						
<b>5M1053A</b> STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
	<b>PISTON PIN BUSH</b>						
<b>RB4156</b>		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				



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15 Engine		Year	Cyl	Bore x Stroke	15		
AR33601 1929cc Inline4 SOHC 2v Turbo Diesel		10/1994 - 02/1999	L4	82.6mm x 90.0mm			
AR67501 1929cc Inline4 SOHC 2v Turbo Diesel		04/1993 - 02/1999	L4	82.6mm x 90.0mm			
AR67502 1929cc Inline4 SOHC 2v Turbo Diesel		04/1993 - 02/1999	L4	82.6mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822A</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A IH
		50.807/2.0003	53.913/2.1226				
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822P</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226				
<b>CONROD</b> <i>Notch 4.57mm wide.</i>							
<b>4B2872A</b> STD, .25, .50, .75		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F810	2872A IH
		50.807/2.0003	53.919/2.1228				
<b>CONROD</b> <i>Notch 4.57mm wide.</i>							
<b>4B2872P</b> STD, .25, .50, .75		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F780	2872 IH
		50.807/2.0003	53.919/2.1228				
<b>RACE SERIES</b>							
<b>4B2904H</b> STD, .025, .25		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b>							
<b>4B2904HX</b> STD		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226				
<b>MAINS</b>							
<b>5M2834A</b> STD, .25, .50	1,2,4,5	52.990/2.0862	56.717/2.2329	1.843/.0726	20.75/.817	F810	2834A IH
		53.010/2.0870	56.736/2.2337				
	3	52.990/2.0862	56.717/2.2329				
<b>RACE SERIES</b>							
<b>5M2908H</b> STD, .025, .25	1,2,4,5	52.991/2.0863	56.717/2.2329	1.843/.0726	20.75/.817	F780	2908H IH
		53.000/2.0866	56.735/2.2337				
	3	52.991/2.0863	56.717/2.2329				
<b>RACE SERIES</b>							
<b>5M2908HX</b> STD	1,2,4,5	52.991/2.0863	56.717/2.2329	1.830/.0720	20.75/.817	F780	2908HX IH
		53.000/2.0866	56.735/2.2337				
	3	52.991/2.0863	56.717/2.2329				
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976	2.36/.093		F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>PISTON PIN BUSH</b>							
<b>RB4157</b>		26.004/1.0238	27.939/1.1000		25.40/1.000	F100	RB4157
		26.010/1.0240	27.972/1.1013				

16 Engine		Year	Cyl	Bore x Stroke	16		
AR67203 1995cc Inline4 DOHC 4v Turbo		01/1992 - 12/1997	L4	84.0mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822A</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A IH
		50.807/2.0003	53.913/2.1226				
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822P</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b>							
<b>4B2904H</b> STD, .025, .25		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b>							
<b>4B2904HX</b> STD		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226				



16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
	<b>THRUST</b>						
<b>1T2827A</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>RB4159</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

17 Engine				Year	Cyl	Bore x Stroke	17
160 D100 1929cc Inline4 SOHC 2v Diesel				04/1985 - 12/1989	L4	82.6mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2825A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Oil holes at 75 deg and 105 deg.</i>					
		50.782/1.9993 50.802/2.0001	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F810	2825A IH
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>RB4158</b>	<b>PISTON PIN BUSH</b>	25.004/.9844 25.010/.9846	26.939/1.0606 26.972/1.0619		25.40/1.000	F100	RB4158

18 Engine				Year	Cyl	Bore x Stroke	18
AR06476 1995cc Inline4 DOHC 2v Turbo				10/1987 - 09/1998	L4	84.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2840A</b> STD, .25, .50	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH





**18 Continued ... 18**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>RB4159</b>	<b>PISTON PIN BUSH</b>	21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

**19 Engine Year Cyl Bore x Stroke 19**  
4.108 1760cc Inline4 2v Diesel 06/1976 - 12/1978 L4 78.4mm x 88.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1030A</b> STD, .25, .50	<b>CONROD</b>	50.787/1.9995	54.508/2.1460	1.835/.0722	22.35/.880	F810	1030A IH
		50.800/2.0000	54.521/2.1465				
<b>3M1031A</b> STD, .25	<b>MAINS</b> 1,2,3	57.099/2.2480	60.833/2.3950	1.836/.0723	31.88/1.255	F810	1031A UL
		57.112/2.2485	60.846/2.3955				
<b>2T1031</b> STD	<b>THRUST</b>				2.29/.090	F817	1031T UL

**20 Engine Year Cyl Bore x Stroke 20**

192 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	82.0mm x 90.4mm
192 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2002 - 03/2010	L4	82.0mm x 90.4mm
937 A3.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2005 - 03/2010	L4	82.0mm x 90.4mm
937 A4.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2003 - 05/2006	L4	82.0mm x 90.4mm
937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	11/2003 - 09/2010	L4	82.0mm x 90.4mm
939 A2.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	82.0mm x 90.4mm
939 A8.000 1910cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 11/2011	L4	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
<b>1M2884A</b> STD, .25, .50	<b>MAINS</b>	<i>Contains one pair only.</i>		1.844/.0726	20.75/.817	F810	2884A UL
		59.986/2.3616	63.705/2.5081				
<b>5M2884A</b> STD, .25, .50	<b>MAINS</b>	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2884A UL
		60.000/2.3622	63.718/2.5086				
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

**21 Engine Year Cyl Bore x Stroke 21**

841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	82.0mm x 90.4mm
841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel	10/2003 - 06/2007	L5	82.0mm x 90.4mm
841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel	06/2003 - 06/2007	L5	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
<b>5B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				





21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1M2884A</b> STD, .25, .50	<b>MAINS</b>	<i>Contains one pair only.</i>					
		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
		<b>PISTON PIN BUSH</b>		28.939/1.1393 28.972/1.1406		21.70/.854	F100

22 Engine				Year	Cyl	Bore x Stroke	22
937 A1.000 1970cc Inline4 DOHC 4v				03/2002 - 09/2010	L4	83.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>					
		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
<b>1M2884A</b> STD, .25, .50	<b>MAINS</b>	<i>Contains one pair only.</i>					
		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
<b>5M2884A</b> STD, .25, .50	<b>MAINS</b>	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
		<b>THRUST</b>	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817

23 Engine				Year	Cyl	Bore x Stroke	23
937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel				09/2005 - 11/2011	L4	82.0mm x 90.4mm	
937 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel				09/2005 - 11/2011	L4	82.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>					
		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
		<b>PISTON PIN BUSH</b>		28.939/1.1393 28.972/1.1406		21.70/.854	F100

24 Engine				Year	Cyl	Bore x Stroke	24
839 A6.000 2387cc Inline5 Turbo Diesel				10/2000 - 09/2007	L5	82.0mm x 90.4mm	
841 C.000 2387cc Inline5 Turbo Diesel				03/2002 - 06/2007	L5	82.0mm x 90.4mm	
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel				09/1997 - 10/2000	L5	82.0mm x 90.4mm	
AR34202 2387cc Inline5 SOHC 2v Turbo Diesel				09/1998 - 10/2000	L5	82.0mm x 90.4mm	
AR36202 2387cc Inline5 SOHC 2v Turbo Diesel				10/2000 - 05/2002	L5	82.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>					
		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
<b>5B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
		<b>MAINS</b>	1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817



**24 Continued ... 24**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>1T2884A</b> STD		67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
<b>PISTON PIN BUSH</b>							
<b>RB4160</b>			28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

**25 Engine Year Cyl Bore x Stroke 25**

199 A1.000 1368cc Inline4 SOHC 2v	09/2008 - On	L4	72.0mm x 84.0mm
199 A6.000 1368cc Inline4 DOHC 4v	09/2008 - On	L4	72.0mm x 84.0mm
955 A1.000 1368cc Inline4 SOHC 2v	09/2008 - On	L4	72.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B3040A</b> STD, .25, .50		41.988/1.6531 42.008/1.6539	45.127/1.7767 45.140/1.7772	1.548/.0609	19.00/.748	F810	3040A IH
<b>MAINS</b> <i>Set includes 2 thrustwashers.</i>							
<b>5M3041A</b> STD, .25, .50	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	52.000/2.0472 52.200/2.0551	68.766/2.7073 69.020/2.7173		2.33/.092	F817	3041T UL
	<b>MAINS</b> <i>Has flanged thrust bearing.</i>						
<b>5M3044A</b> STD, .25, .50	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	19.00/.748	F810	3041A L
	1,2,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	23.95/.943	F810	3044A U
	<b>MAINS</b> <i>Overwidth flange version of 5M3044A. Flange size is Std + .010"</i>						
<b>5M3045A</b> STD, .25, .50	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	19.00/.748	F810	3041A L
	1,2,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	24.20/.953	F810	3045A U



## American Motors

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
150ci Inline4 OHV 2v	01/1983 - 12/1989	L4	2464	150	4
199ci Inline6 OHV 2v	01/1965 - 12/1970	L6	3261	199	3
232ci Inline6 OHV 2v	01/1964 - 12/1979	L6	3801	232	3
258ci Inline6 OHV 2v	01/1970 - 12/1988	L6	4227	258	3
290ci V8 OHV 2v	01/1966 - 12/1969	V8	4752	290	1
304ci V8 OHV 2v	01/1970 - 12/1979	V8	4981	304	1
343ci V8 OHV 2v	01/1967 - 12/1969	V8	5620	343	1
360ci V8 OHV 2v	01/1970 - 12/1991	V8	5899	360	1
390ci V8 OHV 2v	01/1968 - 12/1991	V8	6390	390	2
401ci V8 OHV 2v	01/1970 - 12/1991	V8	6571	401	2



# American Motors



1	Engine	Year	Cyl	Bore x Stroke	1
	290ci V8 OHV 2v	01/1966 - 12/1969	V8	3.75in x 3.28in	
	304ci V8 OHV 2v	01/1970 - 12/1979	V8	3.75in x 3.44in	
	343ci V8 OHV 2v	01/1967 - 12/1969	V8	4.08in x 3.28in	
	360ci V8 OHV 2v	01/1970 - 12/1991	V8	4.08in x 3.44in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B960A</b> STD, 01, 10, 20, 30, 40		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A
		53.226/2.0955	56.096/2.2085				IH
<b>MAINS</b> <i>Fully Grooved.</i>							
<b>5M1041A</b> STD, 010, 020, 030, 040	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1482A
		69.822/2.7489	74.727/2.9420				U
	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1484A
		69.822/2.7489	74.727/2.9420				L
	3	69.804/2.7482	74.701/2.9410	2.433/.0958	32.26/1.270	F810	1483A(F)
		69.822/2.7489	74.727/2.9420				UL
<b>CAMS</b>							
<b>5C671S</b> STD, 010	1	53.835/2.1195	57.036/2.2455	1.580/.0622	23.50/.925	F23	N-9-1
		53.861/2.1205	57.061/2.2465				
	2	53.073/2.0895	56.274/2.2155	1.580/.0622	16.00/.630	F23	N-8-2
		53.099/2.0905	56.299/2.2165				
	3	52.311/2.0595	55.512/2.1855	1.580/.0622	16.00/.630	F23	N-8-3
		52.337/2.0605	55.537/2.1865				
	4	51.549/2.0295	54.750/2.1555	1.580/.0622	16.00/.630	F23	N-8-4
		51.575/2.0305	54.775/2.1565				
	5	50.787/1.9995	53.988/2.1255	1.580/.0622	16.00/.630	F23	N-8-5
		50.813/2.0005	54.013/2.1265				

2	Engine	Year	Cyl	Bore x Stroke	2
	390ci V8 OHV 2v	01/1968 - 12/1991	V8	4.17in x 3.57in	
	401ci V8 OHV 2v	01/1970 - 12/1991	V8	4.17in x 3.68in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Fully Grooved.</i>							
<b>5M1041A</b> STD, 010, 020, 030, 040	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1484A
		69.822/2.7489	74.727/2.9420				L
	1,2,4,5	69.804/2.7482	74.701/2.9410	2.433/.0958	23.57/.928	F810	1482A
		69.822/2.7489	74.727/2.9420				U
	3	69.804/2.7482	74.701/2.9410	2.433/.0958	32.26/1.270	F810	1483A(F)
		69.822/2.7489	74.727/2.9420				UL
<b>CAMS</b>							
<b>5C671S</b> STD, 010	1	53.835/2.1195	57.036/2.2455	1.580/.0622	23.50/.925	F23	N-9-1
		53.861/2.1205	57.061/2.2465				
	2	53.073/2.0895	56.274/2.2155	1.580/.0622	16.00/.630	F23	N-8-2
		53.099/2.0905	56.299/2.2165				
	3	52.311/2.0595	55.512/2.1855	1.580/.0622	16.00/.630	F23	N-8-3
		52.337/2.0605	55.537/2.1865				
	4	51.549/2.0295	54.750/2.1555	1.580/.0622	16.00/.630	F23	N-8-4
		51.575/2.0305	54.775/2.1565				
	5	50.787/1.9995	53.988/2.1255	1.580/.0622	16.00/.630	F23	N-8-5
		50.813/2.0005	54.013/2.1265				

3	Engine	Year	Cyl	Bore x Stroke	3
	199ci Inline6 OHV 2v	01/1965 - 12/1970	L6	3.75in x 3.00in	
	232ci Inline6 OHV 2v	01/1964 - 12/1979	L6	3.75in x 3.50in	
	258ci Inline6 OHV 2v	01/1970 - 12/1988	L6	3.75in x 3.90in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B960A</b> STD, 001, 10, 20, 30, 40		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A
		53.226/2.0955	56.096/2.2085				IH



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M704A</b> STD, 10, 20, 30, 40	<b>MAINS</b>						
	1,2,4,5,6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	25.04/.986	F810	8872A UL
	3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8873A(F) UL
	<b>CAMS</b> <i>Full round cam.</i>						
<b>4C549S</b> STD	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.575/.0620	17.65/.695	F23	8886
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.575/.0620	17.65/.695	F23	8887
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.575/.0620	17.65/.695	F23	8888
	4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.575/.0620	17.65/.695	F23	8889

4 Engine				Year	Cyl	Bore x Stroke	4
150ci Inline4 OHV 2v				01/1983 - 12/1989	L4	3.88in x 3.19in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B960A</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>						
		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/.0561	21.26/.837	F810	1480A IH
<b>5M1568A</b> STD, 010, 020, 030	<b>MAINS</b>						
	1,2,4,5	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	25.04/.986	F810	8872A UL
	3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8873A(F) UL
<b>4C549S</b> STD	<b>CAMS</b> <i>Full round cam.</i>						
	1	51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.575/.0620	17.65/.695	F23	8886
	2	51.295/2.0195 51.321/2.0205	54.496/2.1455 54.521/2.1465	1.575/.0620	17.65/.695	F23	8887
	3	51.041/2.0095 51.067/2.0105	54.242/2.1355 54.267/2.1365	1.575/.0620	17.65/.695	F23	8888
	4	50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.575/.0620	17.65/.695	F23	8889



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
HB 1093cc Inline4 SOHC 2v	08/1974 - 07/1978	L4	1093	66	63
HC 1093cc Inline4 SOHC 2v	08/1974 - 07/1977	L4	1093	66	63
HD 1093cc Inline4 SOHC 2v	08/1976 - 07/1978	L4	1093	66	63
ANY 1191cc Inline3 SOHC 2v Turbo Diesel	03/2001 - 08/2005	L3	1191	72	66
FY 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	1272	77	64
FZ 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	1272	77	64
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1978	L4	1272	77	64
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1978	L4	1272	77	64
EP 1297cc Inline4 SOHC 2v	09/1978 - 07/1986	L4	1297	79	65
ZA 1297cc Inline4 SOHC 2v	05/1972 - 07/1978	L4	1297	79	82
ZF 1297cc Inline4 SOHC 2v	05/1972 - 07/1978	L4	1297	79	82
AUA 1390cc Inline4 DOHC 4v	02/2000 - 08/2005	L4	1390	84	70
BBY 1390cc Inline4 DOHC 4v	02/2000 - 08/2005	L4	1390	84	70
CAXA 1390cc Inline4 DOHC 4v Turbo	05/2010 - On	L4	1390	84	71
CAXC 1390cc Inline4 DOHC 4v Turbo	09/2007 - On	L4	1390	84	71
CNVA 1390cc Inline4 DOHC 4v Turbo	05/2010 - On	L4	1390	84	71
AMF 1422cc Inline3 SOHC 2v Turbo Diesel	02/2000 - 08/2005	L3	1422	86	67
ATL 1422cc Inline3 SOHC 2v Turbo Diesel	11/2003 - 08/2005	L3	1422	86	67
BHC 1422cc Inline3 SOHC 2v Turbo Diesel	02/2000 - 08/2005	L3	1422	86	67
XW 1471cc Inline4 SOHC 2v	10/1973 - 08/1974	L4	1471	89	22
YJ 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	1471	89	22
ZB 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	1471	89	22
ZC 1471cc Inline4 SOHC 2v	05/1972 - 07/1976	L4	1471	89	22
1500N 1496cc Inline4 SOHC 2v	01/1969 - 12/1976	L4	1496	91	62
CR 1588cc Inline4 SOHC 2v Diesel	08/1980 - 07/1982	L4	1588	96	80
CY 1588cc Inline4 SOHC 2v Turbo Diesel	08/1981 - 03/1987	L4	1588	96	80
FS 1588cc Inline4 SOHC 2v	01/1976 - 07/1978	L4	1588	96	14
JK 1588cc Inline4 SOHC 2v Diesel	08/1982 - 07/1989	L4	1588	96	81
RA 1588cc Inline4 SOHC 2v Turbo Diesel	09/1986 - 09/1991	L4	1588	96	68
SB 1588cc Inline4 SOHC 2v Turbo Diesel	09/1986 - 08/1991	L4	1588	96	68
WV 1588cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1588	96	14
XX 1588cc Inline4 SOHC 2v	09/1973 - 08/1975	L4	1588	96	14
YK 1588cc Inline4 SOHC 2v	09/1975 - 08/1979	L4	1588	96	14
YM 1588cc Inline4 SOHC 2v	01/1975 - 07/1976	L4	1588	96	14
YN 1588cc Inline4 SOHC 2v	10/1974 - 12/1983	L4	1588	96	14
YP 1588cc Inline4 SOHC 2v	09/1975 - 02/1983	L4	1588	96	14
YS 1588cc Inline4 SOHC 2v	09/1975 - 07/1978	L4	1588	96	14
YT 1588cc Inline4 SOHC 2v	08/1978 - 01/1979	L4	1588	96	14
YV 1588cc Inline4 SOHC 2v	08/1976 - 07/1982	L4	1588	96	14
YY 1588cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	1588	96	14
YZ 1588cc Inline4 SOHC 2v	08/1978 - 12/1986	L4	1588	96	14
ABB 1595cc Inline4 SOHC 2v	08/1990 - 07/1993	L4	1595	97	34
ABM 1595cc Inline4 SOHC 2v	01/1992 - 06/1994	L4	1595	97	34
ADA 1595cc Inline4 SOHC 2v	06/1993 - 07/1995	L4	1595	97	34
ADP 1595cc Inline4 SOHC 2v	11/1994 - 10/1996	L4	1595	97	35
AEH 1595cc Inline4 SOHC 2v	09/1996 - 05/2003	L4	1595	97	17
AKL 1595cc Inline4 SOHC 2v	09/1996 - 06/2003	L4	1595	97	17
ALZ 1595cc Inline4 SOHC 2v	06/2000 - 06/2008	L4	1595	97	41
ANA 1595cc Inline4 SOHC 2v	11/1994 - 09/2001	L4	1595	97	41
APF 1595cc Inline4 SOHC 2v	09/1996 - 05/2003	L4	1595	97	37
ARM 1595cc Inline4 SOHC 2v	11/1994 - 09/2001	L4	1595	97	79
AVU 1595cc Inline4 SOHC 2v	08/1997 - 06/2003	L4	1595	97	41
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2003	L4	1595	97	41
BGU 1595cc Inline4 SOHC 2v	08/2003 - 05/2005	L4	1595	97	41
BSE 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	1595	97	41
BSF 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	1595	97	41
CMXA 1595cc Inline4 SOHC 2v	06/2010 - 07/2012	L4	1595	97	41
DT 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	1595	97	47





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
JU 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	1595	97	47
PP 1595cc Inline4 SOHC 2v	03/1987 - 12/1991	L4	1595	97	33
RN 1595cc Inline4 SOHC 2v	08/1986 - 12/1991	L4	1595	97	33
SA 1595cc Inline4 SOHC 2v	02/1986 - 03/1987	L4	1595	97	50
BAD 1598cc Inline4 DOHC 4v	05/2002 - 08/2005	L4	1598	97	72
BLF 1598cc Inline4 DOHC 4v	01/2005 - 09/2007	L4	1598	97	72
BLP 1598cc Inline4 DOHC 4v	06/2004 - 12/2004	L4	1598	97	72
CAYB 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	1598	97	77
CAYC 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	1598	97	77
CCSA 1598cc Inline4 SOHC 2v	05/2003 - On	L4	1598	97	41
1700N 1697cc Inline4 SOHC 2v	01/1965 - 12/1976	L4	1697	103	62
JF 1716cc Inline4 SOHC 2v	01/1982 - 07/1984	L4	1716	104	14
WT 1716cc Inline4 SOHC 2v	08/1980 - 12/1983	L4	1716	104	14
ZV 1716cc Inline4 SOHC 2v	01/1982 - 12/1983	L4	1716	104	14
1800S,1800N 1760cc Inline4 SOHC 2v	01/1966 - 01/1992	L4	1760	107	62
ZX 1760cc Inline4 SOHC 2v	11/1968 - 11/1971	L4	1760	107	62
ZZ 1760cc Inline4 SOHC 2v	08/1968 - 02/1974	L4	1760	107	62
4B 1781cc Inline4 SOHC 2v	03/1985 - 12/1990	L4	1781	108	32
ADR 1781cc Inline4 DOHC 5v	11/1994 - 08/2000	L4	1781	108	87
AEB 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/1999	L4	1781	108	88
AFY 1781cc Inline4 SOHC 2v	07/1995 - 01/2005	L4	1781	108	2
AGN 1781cc Inline4 DOHC 5v	09/1996 - 07/2004	L4	1781	108	38
AGU 1781cc Inline4 DOHC 5v Turbo	12/1996 - 07/2004	L4	1781	108	40
AJL 1781cc Inline4 DOHC 5v Turbo	08/1997 - 01/2005	L4	1781	108	89
AJP 1781cc Inline4 SOHC 2v	12/1997 - 01/2005	L4	1781	108	36
AJQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	1781	108	39
AMB 1781cc Inline4 DOHC 5v Turbo	07/2001 - 12/2004	L4	1781	108	19
AMK 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2002	L4	1781	108	39
ANB 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	1781	108	78
APG 1781cc Inline4 DOHC 5v	11/1999 - 06/2003	L4	1781	108	38
APP 1781cc Inline4 DOHC 5v Turbo	12/1998 - 06/2006	L4	1781	108	39
APT 1781cc Inline4 DOHC 5v	01/1995 - 12/2001	L4	1781	108	2
APU 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	1781	108	40
APX 1781cc Inline4 DOHC 5v Turbo	10/1998 - 08/2001	L4	1781	108	20
APY 1781cc Inline4 DOHC 5v Turbo	11/1998 - 08/2000	L4	1781	108	39
AQA 1781cc Inline4 DOHC 5v Turbo	08/1998 - 04/2001	L4	1781	108	39
AQE 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	1781	108	36
ARG 1781cc Inline4 DOHC 5v	01/1995 - 09/2001	L4	1781	108	2
ARH 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	1781	108	36
ARK 1781cc Inline4 DOHC 5v Turbo	07/1998 - 07/1999	L4	1781	108	42
ARX 1781cc Inline4 DOHC 5v Turbo	09/2000 - 06/2003	L4	1781	108	19
ARY 1781cc Inline4 DOHC 5v Turbo	10/1998 - 12/2006	L4	1781	108	21
ARZ 1781cc Inline4 DOHC 5v Turbo	12/1996 - 05/2003	L4	1781	108	40
AUL 1781cc Inline4 DOHC 5v Turbo	09/1999 - 04/2001	L4	1781	108	39
AUM 1781cc Inline4 DOHC 5v Turbo	12/1996 - 06/2006	L4	1781	108	21
AUQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	1781	108	21
AVJ 1781cc Inline4 DOHC 5v Turbo	12/2000 - 06/2002	L4	1781	108	19
AVV 1781cc Inline4 DOHC 5v	01/1995 - 10/2005	L4	1781	108	43
AWT 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	1781	108	21
BAM 1781cc Inline4 DOHC 5v Turbo	05/1999 - 06/2006	L4	1781	108	20
BEX 1781cc Inline4 DOHC 5v Turbo	11/2002 - 12/2004	L4	1781	108	19
BFB 1781cc Inline4 DOHC 5v Turbo	07/2002 - 03/2008	L4	1781	108	19
BFV 1781cc Inline4 DOHC 5v Turbo	03/2005 - 06/2006	L4	1781	108	39
DD 1781cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1781	108	44
DR 1781cc Inline4 SOHC 2v	05/1982 - 10/1986	L4	1781	108	45
DS 1781cc Inline4 SOHC 2v	08/1982 - 07/1989	L4	1781	108	1
DZ 1781cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	1781	108	1
JN 1781cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	1781	108	1



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
JV 1781cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	1781	108	1
JW 1781cc Inline4 SOHC 2v	03/1983 - 12/1990	L4	1781	108	46
MG 1781cc Inline4 SOHC 2v	08/1985 - 03/1987	L4	1781	108	48
MU 1781cc Inline4 SOHC 2v	06/1984 - 03/1987	L4	1781	108	48
NE 1781cc Inline4 SOHC 2v	08/1984 - 12/1991	L4	1781	108	49
NP 1781cc Inline4 SOHC 2v	10/1984 - 12/1990	L4	1781	108	32
PH 1781cc Inline4 SOHC 2v	04/1985 - 12/1990	L4	1781	108	32
PM 1781cc Inline4 SOHC 2v	03/1988 - 12/1991	L4	1781	108	33
PV 1781cc Inline4 SOHC 2v	03/1985 - 07/1988	L4	1781	108	49
RS 1781cc Inline4 SOHC 2v	08/1982 - 12/1987	L4	1781	108	32
RU 1781cc Inline4 SOHC 2v	10/1986 - 01/1990	L4	1781	108	33
SF 1781cc Inline4 SOHC 2v	02/1986 - 07/1990	L4	1781	108	33
SH 1781cc Inline4 SOHC 2v	02/1986 - 07/1990	L4	1781	108	33
SD 1847cc Inline4 SOHC 2v	09/1986 - 04/1989	L4	1847	112	33
1900S 1871cc Inline4 SOHC 2v	01/1970 - 12/1976	L4	1871	114	62
ZJ 1871cc Inline4 SOHC 2v	08/1971 - 12/1976	L4	1871	114	62
ZP 1871cc Inline4 SOHC 2v	07/1970 - 07/1971	L4	1871	114	62
1Y 1896cc Inline4 SOHC 2v Diesel	08/1989 - 12/1991	L4	1896	115	69
1Z 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 09/2001	L4	1896	115	23
AAZ 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 07/1995	L4	1896	115	23
AFF 1896cc Inline4 SOHC 2v Turbo Diesel	12/1995 - 09/2001	L4	1896	115	23
AFN 1896cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 04/2001	L4	1896	115	24
AGR 1896cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 07/2001	L4	1896	115	23
AHF 1896cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 04/2002	L4	1896	115	24
AHH 1896cc Inline4 SOHC 2v Turbo Diesel	01/1995 - 09/2001	L4	1896	115	23
AHU 1896cc Inline4 SOHC 2v Turbo Diesel	06/1994 - 09/2001	L4	1896	115	73
AJM 1896cc Inline4 SOHC 2v Turbo Diesel	01/1998 - 01/2005	L4	1896	115	25
ALH 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 06/2001	L4	1896	115	23
ASV 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 04/2002	L4	1896	115	24
ASZ 1896cc Inline4 SOHC 2v Turbo Diesel	05/2000 - 06/2003	L4	1896	115	26
ATD 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	1896	115	25
ATJ 1896cc Inline4 SOHC 2v Turbo Diesel	03/2000 - 09/2001	L4	1896	115	74
AVB 1896cc Inline4 SOHC 2v Turbo Diesel	05/2001 - 12/2004	L4	1896	115	75
AVF 1896cc Inline4 SOHC 2v Turbo Diesel	12/2000 - 01/2005	L4	1896	115	27
AVG 1896cc Inline4 SOHC 2v Turbo Diesel	10/1995 - 09/2001	L4	1896	115	24
AWX 1896cc Inline4 SOHC 2v Turbo Diesel	12/2000 - 01/2005	L4	1896	115	27
AXR 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	1896	115	76
BKC 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	1896	115	77
BKE 1896cc Inline4 SOHC 2v Turbo Diesel	06/2004 - 06/2008	L4	1896	115	27
BLS 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	1896	115	77
BRB 1896cc Inline4 SOHC 2v Turbo Diesel	11/2004 - 06/2008	L4	1896	115	27
BXE 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	1896	115	77
WH 1921cc Inline5 SOHC 2v	01/1980 - 07/1984	L5	1921	117	6
WN 1921cc Inline5 SOHC 2v	08/1980 - 07/1983	L5	1921	117	7
AZV 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	1968	120	51
BKD 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	1968	120	51
BLB 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	1968	120	51
BMM 1968cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 06/2008	L4	1968	120	52
BMN 1968cc Inline4 DOHC 4v Turbo Diesel	03/2006 - 08/2012	L4	1968	120	52
BNA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	1968	120	51
BPW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2004 - 03/2009	L4	1968	120	52
BRC 1968cc Inline4 SOHC 2v Turbo Diesel	01/2006 - 03/2009	L4	1968	120	52
BRE 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	1968	120	51
BRF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	1968	120	51
BUY 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	1968	120	51
BVA 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	1968	120	51
BVF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - 11/2006	L4	1968	120	51
BVG 1968cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 10/2008	L4	1968	120	51





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CAGA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	52
CAGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	52
CAGC 1968cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	1968	120	52
CAHA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	1968	120	52
CAHB 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	1968	120	52
CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - 05/2010	L4	1968	120	52
CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - 05/2010	L4	1968	120	52
CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - On	L4	1968	120	52
CFAA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - On	L4	1968	120	52
CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	1968	120	52
CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	1968	120	52
CFHD 1968cc Inline4 DOHC 4v Turbo Diesel	09/2011 - On	L4	1968	120	52
CGLA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	1968	120	52
CGLB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	1968	120	52
CGLC 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	1968	120	52
CGLD 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	1968	120	52
CJCA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	1968	120	52
CJCB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	1968	120	52
CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	1968	120	52
CMEA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - On	L4	1968	120	52
CMGB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	1968	120	52
3A 1984cc Inline4 SOHC 2v	08/1988 - 12/1990	L4	1984	121	3
6A 1984cc Inline4 DOHC 4v	01/1990 - 07/1992	L4	1984	121	3
AAD 1984cc Inline4 SOHC 2v	08/1990 - 12/1992	L4	1984	121	59
AAE 1984cc Inline4 SOHC 2v	12/1990 - 06/1996	L4	1984	121	59
ABK 1984cc Inline4 SOHC 2v	08/1991 - 12/1998	L4	1984	121	59
ABT 1984cc Inline4 SOHC 2v	09/1991 - 06/1995	L4	1984	121	59
ACE 1984cc Inline4 DOHC 4v	01/1992 - 10/1997	L4	1984	121	58
ADW 1984cc Inline4 SOHC 2v	11/1993 - 10/1997	L4	1984	121	59
ALT 1984cc Inline 4 DOHC 5v	12/2000 - 06/2008	L4	1984	121	18
AWA 1984cc Inline4 DOHC 5v	07/2002 - 12/2004	L4	1984	121	18
AXW 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 10/2006	L4	1984	121	18
BGB 1984cc Inline4 DOHC 4v Turbo	11/2004 - 03/2008	L4	1984	121	18
BLR 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
BLX 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
BLY 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	1984	121	18
BMB 1984cc Inline4 DOHC 4v	01/2004 - 01/2005	L4	1984	121	18
BPG 1984cc Inline4 DOHC 4v Turbo	11/2004 - 05/2006	L4	1984	121	18
BPJ 1984cc Inline4 DOHC 4v Turbo	06/2005 - 08/2011	L4	1984	121	18
BPY 1984cc Inline4 DOHC 4v Turbo	11/2005 - 05/2009	L4	1984	121	18
BUL 1984cc Inline4 DOHC 4v Turbo	06/2005 - 06/2008	L4	1984	121	18
BVY 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	1984	121	18
BVZ 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	1984	121	18
BWA 1984cc Inline4 DOHC 4v Turbo	11/2004 - On	L4	1984	121	18
BWE 1984cc Inline4 DOHC 4v Turbo	09/2005 - On	L4	1984	121	18
BWT 1984cc Inline4 DOHC 4v Turbo	06/2006 - 03/2008	L4	1984	121	18
BYK 1984cc Inline4 DOHC 4v Turbo	10/2006 - 08/2011	L4	1984	121	18
CDLA 1984cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1984	121	83
CDLC 1984cc Inline4 DOHC 4v Turbo	07/2008 - 07/2012	L4	1984	121	83
CN 1986cc Inline5 SOHC 2v Diesel	01/1978 - 07/1989	L5	1986	121	12
DE 1986cc Inline5 SOHC 2v Turbo Diesel	01/1981 - 12/1987	L5	1986	121	12
NC 1986cc Inline5 SOHC 2v Turbo Diesel	03/1988 - 12/1990	L5	1986	121	12
HP 1994cc Inline5 SOHC 2v	08/1983 - 03/1987	L5	1994	121	9
JL 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	1994	121	9
JS 1994cc Inline5 SOHC 2v	08/1982 - 07/1988	L5	1994	121	9
KP 1994cc Inline5 SOHC 2v	08/1984 - 12/1987	L5	1994	121	8
NM 1994cc Inline5 DOHC 4v	01/1988 - 12/1991	L5	1994	121	11



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
PS 1994cc Inline5 SOHC 2v	04/1987 - 12/1991	L5	1994	121	11
RT 1994cc Inline5 SOHC 2v	01/1988 - 12/1990	L5	1994	121	55
SK 1994cc Inline5 SOHC 2v	02/1986 - 03/1987	L5	1994	121	55
SL 1994cc Inline5 SOHC 2v	02/1986 - 12/1987	L5	1994	121	55
GV 2144cc Inline5 SOHC 2v Turbo	07/1980 - 07/1987	L5	2144	130	10
JY 2144cc Inline5 SOHC 2v Turbo	08/1983 - 01/1988	L5	2144	130	10
KE 2144cc Inline5 SOHC 2v	08/1981 - 12/1984	L5	2144	130	16
KF 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
KG 2144cc Inline5 SOHC 2v Turbo	05/1982 - 01/1988	L5	2144	130	10
KH 2144cc Inline5 SOHC 2v	08/1983 - 07/1985	L5	2144	130	7
KJ 2144cc Inline5 SOHC 2v Turbo	08/1981 - 09/1982	L5	2144	130	29
KK 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
KL 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
KW 2144cc Inline5 DOHC 4v Turbo	05/1984 - 07/1987	L5	2144	130	28
WB 2144cc Inline5 SOHC 2v	04/1978 - 07/1984	L5	2144	130	15
WC 2144cc Inline5 SOHC 2v	08/1976 - 07/1984	L5	2144	130	15
WD 2144cc Inline5 SOHC 2v	06/1977 - 09/1982	L5	2144	130	31
WE 2144cc Inline5 SOHC 2v	01/1977 - 07/1984	L5	2144	130	30
WG 2144cc Inline5 SOHC 2v	08/1976 - 07/1980	L5	2144	130	30
WJ 2144cc Inline5 SOHC 2v Turbo	01/1979 - 08/1982	L5	2144	130	5
WK 2144cc Inline5 SOHC 2v	10/1979 - 09/1982	L5	2144	130	29
WR 2144cc Inline5 SOHC 2v Turbo	07/1980 - 07/1987	L5	2144	130	10
WS 2144cc Inline5 SOHC 2v Turbo	08/1980 - 12/1981	L5	2144	130	5
WU 2144cc Inline5 SOHC 2v	08/1982 - 07/1984	L5	2144	130	6
WX 2144cc Inline5 SOHC 2v Turbo	02/1982 - 07/1989	L5	2144	130	10
1B 2226cc Inline5 SOHC 2v Turbo	01/1988 - 12/1990	L5	2226	135	7
2B 2226cc Inline5 SOHC 2v Turbo	02/1988 - 12/1990	L5	2226	135	7
3B 2226cc Inline5 DOHC 4v Turbo	01/1989 - 12/1996	L5	2226	135	53
AAN 2226cc Inline5 DOHC 4v Turbo	08/1991 - 08/1997	L5	2226	135	53
ABY 2226cc Inline5 DOHC 4v Turbo	10/1992 - 12/1995	L5	2226	135	53
ADU 2226cc Inline5 DOHC 4v Turbo	03/1994 - 07/1995	L5	2226	135	53
HX 2226cc Inline5 SOHC 2v	08/1984 - 11/1990	L5	2226	135	28
HY 2226cc Inline5 SOHC 2v	06/1984 - 07/1988	L5	2226	135	56
JT 2226cc Inline5 SOHC 2v	11/1983 - 12/1987	L5	2226	135	8
KM 2226cc Inline5 SOHC 2v	09/1982 - 07/1985	L5	2226	135	54
KU 2226cc Inline5 SOHC 2v	08/1984 - 12/1990	L5	2226	135	8
KV 2226cc Inline5 SOHC 2v	06/1984 - 12/1991	L5	2226	135	8
KX 2226cc Inline5 SOHC 2v	07/1981 - 07/1988	L5	2226	135	9
KZ 2226cc Inline5 SOHC 2v	08/1984 - 09/1986	L5	2226	135	8
MB 2226cc Inline5 SOHC 2v Turbo	08/1987 - 07/1988	L5	2226	135	7
MC 2226cc Inline5 SOHC 2v Turbo	05/1982 - 12/1991	L5	2226	135	10
PX 2226cc Inline5 SOHC 2v	08/1985 - 12/1990	L5	2226	135	8
RR 2226cc Inline5 DOHC 4v Turbo	08/1989 - 07/1991	L5	2226	135	53
7A 2309cc Inline5 DOHC 4v	06/1988 - 12/1991	L5	2309	140	4
AAR 2309cc Inline5 SOHC 2v	12/1990 - 06/1996	L5	2309	140	4
NF 2309cc Inline5 SOHC 2v	01/1985 - 12/1994	L5	2309	140	11
NG 2309cc Inline5 SOHC 2v	08/1986 - 11/1994	L5	2309	140	11
PR 2309cc Inline5 SOHC 2v	08/1989 - 12/1990	L5	2309	140	11
3D 2370cc Inline5 SOHC 2v Diesel	01/1989 - 01/1991	L5	2370	144	13
AAS 2370cc Inline5 SOHC 2v Diesel	01/1991 - 12/1994	L5	2370	144	13
AFM 2393cc V6 DOHC 5v	07/1995 - 10/1997	V6	2393	146	85
AGA 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	2393	146	86
AJG 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	2393	146	86
ALF 2393cc V6 DOHC 5v	04/1997 - 09/2001	V6	2393	146	86
ALW 2393cc V6 DOHC 5v	08/1997 - 01/1999	V6	2393	146	86
AML 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	2393	146	86
AMM 2393cc V6 DOHC 5v	06/2000 - 10/2005	V6	2393	146	86
APC 2393cc V6 DOHC 5v	04/1998 - 05/2001	V6	2393	146	86



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
APS 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	2393	146	86
APZ 2393cc V6 DOHC 5v	08/1998 - 05/2001	V6	2393	146	86
ARJ 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	2393	146	86
ARN 2393cc V6 DOHC 4v	08/1997 - 05/2001	V6	2393	146	86
ASM 2393cc V6 DOHC 5v	06/2000 - 01/2005	V6	2393	146	86
BDV 2393cc V6 DOHC 5v	06/2001 - 10/2005	V6	2393	146	86
BDW 2393cc V6 DOHC 4v	10/2004 - 10/2008	V6	2393	146	90
1T 2461cc Inline5 SOHC 2v	01/1990 - 12/1990	L5	2461	150	57
AAT 2461cc Inline5 SOHC 2v	08/1991 - 10/1997	L5	2461	150	57
ABP 2461cc Inline5 SOHC 2v	06/1991 - 07/1992	L5	2461	150	57
AEL 2461cc Inline5 SOHC 2v	10/1994 - 10/1997	L5	2461	150	57
AFB 2496cc V6 DOHC 4v Turbo Diesel	04/1997 - 06/2000	V6	2496	152	84
AKE 2496cc V6 DOHC 4v Turbo Diesel	11/1999 - 08/2003	V6	2496	152	84
AKN 2496cc V6 DOHC 4v Turbo Diesel	11/1997 - 09/2002	V6	2496	152	84
AYM 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 06/2002	V6	2496	152	84
BAU 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 08/2005	V6	2496	152	84
BCZ 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	2496	152	84
BDG 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	2496	152	84
BDH 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 01/2005	V6	2496	152	84
BFC 2496cc V6 DOHC 4v Turbo Diesel	07/2002 - 08/2003	V6	2496	152	84
ABC 2598cc V6 SOHC 2v	03/1992 - 08/2000	V6	2598	158	85
ACZ 2598cc V6 SOHC 2v	01/1993 - 12/1999	V6	2598	158	85
AGB 2671cc V6 DOHC 5v Turbo	10/1997 - 09/2001	V6	2671	162	85
AJK 2671cc V6 DOHC 5v Turbo	02/1999 - 08/2000	V6	2671	162	85
ARE 2671cc V6 DOHC 5v Turbo	05/2000 - 06/2002	V6	2671	162	85
AZA 2671cc V6 DOHC 5v Turbo	09/2000 - 05/2001	V6	2671	162	85
AZB 2671cc V6 DOHC 5v Turbo	11/2000 - 09/2001	V6	2671	162	85
BES 2671cc V6 DOHC 5v Turbo	07/2002 - 08/2005	V6	2671	162	85
AAH 2771cc V6 SOHC 2v	12/1990 - 08/2000	V6	2771	169	85
ACK 2771cc V6 DOHC 5v	07/1995 - 05/2001	V6	2771	169	85
AEJ 2771cc V6 SOHC 2v	06/1994 - 10/1997	V6	2771	169	85
AFC 2771cc V6 SOHC 2v	08/1994 - 06/1995	V6	2771	169	85
AGE 2771cc V6 DOHC 5v	10/1997 - 05/2000	V6	2771	169	85
ALG 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	2771	169	85
AMX 2771cc V6 DOHC 5v	04/1997 - 09/2002	V6	2771	169	85
APR 2771cc V6 DOHC 5v	04/1997 - 08/2001	V6	2771	169	85
AQD 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	2771	169	85
ATX 2771cc V6 DOHC 5v	03/1999 - 01/2005	V6	2771	169	85
BBG 2771cc V6 DOHC 5v	07/1999 - 01/2005	V6	2771	169	85
ASN 2976cc V6 DOHC 5v	12/2000 - 10/2005	V6	2976	181	85
AVK 2976cc V6 DOHC 5v	09/2001 - 06/2002	V6	2976	181	85
BBJ 2976cc V6 DOHC 5v	06/2001 - 07/2006	V6	2976	181	85
BDB 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	3189	194	60
BHE 3189cc V6 DOHC 4v	07/2003 - 06/2006	V6	3189	194	60
BMJ 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	3189	194	60
BPF 3189cc V6 DOHC 4v	06/2004 - 05/2005	V6	3189	194	60
BUB 3189cc V6 DOHC 4v	11/2005 - 06/2010	V6	3189	194	60
BHK 3597cc V6 DOHC 4v	08/2006 - On	V6	3597	219	61





1	Engine	Year	Cyl	Bore x Stroke	1		
	DS 1781cc Inline4 SOHC 2v	08/1982 - 07/1989	L4	81.0mm x 86.4mm			
	DZ 1781cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	81.0mm x 86.4mm			
	JN 1781cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	81.0mm x 86.4mm			
	JV 1781cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>					
<b>4B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>					
<b>4B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L



1 Engine		Year	Cyl	Bore x Stroke	1		
DS 1781cc Inline4 SOHC 2v		08/1982 - 07/1989	L4	81.0mm x 86.4mm			
DZ 1781cc Inline4 SOHC 2v		01/1983 - 12/1991	L4	81.0mm x 86.4mm			
JN 1781cc Inline4 SOHC 2v		01/1983 - 12/1991	L4	81.0mm x 86.4mm			
JV 1781cc Inline4 SOHC 2v		08/1983 - 07/1988	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<b>MAINS</b> 0.001" extra oil clearance on STD journal.					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.978/2.1251	59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
		53.958/2.1243	59.000/2.3228				
	4	53.978/2.1251	59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
		53.958/2.1243	59.000/2.3228				
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
			59.700/2.3504	73.200/2.8819			
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4170</b> UNB		<b>PISTON PIN BUSH</b> Set of 4. Has 6.5mm oil hole and part groove.			25.00/.984	F100	4RB4170
				23.000/.9055 23.052/.9076			
<b>RB4170</b> UNB		<b>PISTON PIN BUSH</b> Has 6.5mm oil hole and part groove.			25.00/.984	F100	RB4170
				23.000/.9055 23.052/.9076			

2 Engine		Year	Cyl	Bore x Stroke	2			
AFY 1781cc Inline4 SOHC 2v		07/1995 - 01/2005	L4	81.0mm x 86.4mm				
APT 1781cc Inline4 DOHC 5v		01/1995 - 12/2001	L4	81.0mm x 86.4mm				
ARG 1781cc Inline4 DOHC 5v		01/1995 - 09/2001	L4	81.0mm x 86.4mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b> Has one oil hole.			19.00/.748	F810	1606A IH	
		47.758/1.8802	50.600/1.9921	1.405/.0553				
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50		<b>CONROD</b> Has one oil hole.			19.00/.748	F781	1606H IH	
		47.758/1.8802	50.600/1.9921	1.405/.0553				
<b>RACE SERIES</b> <b>4B1606HX</b> STD		<b>CONROD</b> Has one oil hole. 0.001" extra oil clearance on STD journal.			19.00/.748	F781	1606HX IH	
		47.758/1.8802	50.600/1.9921	1.392/.0548				
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> Has one oil hole.			19.00/.748	F780	1606 IH	
		47.758/1.8802	50.600/1.9921	1.405/.0553				
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<b>MAINS</b> Full groove on # 4 position only. Requires thrustwashers.						
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		1,2,3,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
			53.958/2.1243	59.000/2.3228				
		4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
53.958/2.1243	59.000/2.3228							
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	1,2,3,4,5	<b>MAINS</b> Full groove on # 4 position only. Requires thrustwashers.						
			53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		1,2,3,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
			53.958/2.1243	59.000/2.3228				
		4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
53.958/2.1243	59.000/2.3228							





2		Continued ...						2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L	
		53.978/2.1251	59.019/2.3236					
<b>5M1653A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
<b>5M1653P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
<b>5M1668A</b> STD, .25, .50, .75		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L	
		53.978/2.1251	59.019/2.3236					
<b>2T1644</b> STD		<b>THRUST</b>						
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>2BS7006</b> UNB		<b>AUX</b>						
	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>4RB4171</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055		25.00/.984	F100	4RB4171	
			23.021/.9063					
<b>RB4171</b> UNB		<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055		25.00/.984	F100	RB4171	
			23.021/.9063					

3		Engine	Year	Cyl	Bore x Stroke	3	
		3A 1984cc Inline4 SOHC 2v	08/1988 - 12/1990	L4	82.5mm x 92.8mm		
		6A 1984cc Inline4 DOHC 4v	01/1990 - 07/1992	L4	82.5mm x 92.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>5M1644A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	<b>RACE SERIES</b> <b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780
1,2,3,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>AUX</b>						
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>						
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>						
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

4 Engine				Year	Cyl	Bore x Stroke	4
7A 2309cc Inline5 DOHC 4v				06/1988 - 12/1991	L5	82.5mm x 86.4mm	
AAR 2309cc Inline5 SOHC 2v				12/1990 - 06/1996	L5	82.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>5B1606A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	<b>CONROD</b> <i>Has one oil hole.</i>						
<b>5B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>MAINS</b> <i>Requires thrustwashers.</i>						
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	<b>MAINS</b> <i>Requires thrustwashers.</i>						
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	<b>THRUST</b>						
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
	<b>THRUST</b>						
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
	<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>						
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171



4 Continued ...							4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

5 Engine		Year	Cyl	Bore x Stroke	5		
WJ 2144cc Inline5 SOHC 2v Turbo		01/1979 - 08/1982	L5	79.5mm x 86.4mm			
WS 2144cc Inline5 SOHC 2v Turbo		08/1980 - 12/1981	L5	79.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>		<i>Has plain shells.</i>					
<b>5B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
<b>CONROD</b>		<i>Has plain shells.</i>					
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
<b>MAINS</b>		<i>Requires thrustwashers.</i>					
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
<b>MAINS</b>		<i>Requires thrustwashers.</i>					
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

6 Engine		Year	Cyl	Bore x Stroke	6		
KF 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
KK 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
KL 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
WH 1921cc Inline5 SOHC 2v		01/1980 - 07/1984	L5	79.5mm x 77.4mm			
WU 2144cc Inline5 SOHC 2v		08/1982 - 07/1984	L5	79.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>					
<b>5B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>					
<b>5B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
<b>CONROD</b>		<i>Has plain shells.</i>					
<b>5B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
<b>CONROD</b>		<i>Has plain shells.</i>					
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
<b>MAINS</b>		<i>Requires thrustwashers.</i>					
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
<b>MAINS</b>		<i>Requires thrustwashers.</i>					
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>THRUST</b>							
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
<b>THRUST</b>							
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL





6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

7 Engine		Year	Cyl	Bore x Stroke	7
1B 2226cc Inline5 SOHC 2v Turbo		01/1988 - 12/1990	L5	81.0mm x 86.4mm	
2B 2226cc Inline5 SOHC 2v Turbo		02/1988 - 12/1990	L5	81.0mm x 86.4mm	
KH 2144cc Inline5 SOHC 2v		08/1983 - 07/1985	L5	79.5mm x 86.4mm	
MB 2226cc Inline5 SOHC 2v Turbo		08/1987 - 07/1988	L5	81.0mm x 86.4mm	
WN 1921cc Inline5 SOHC 2v		08/1980 - 07/1983	L5	79.5mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has plain shells.</i>							
<b>5B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
<b>CONROD</b> <i>Has plain shells.</i>							
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
<b>MAINS</b> <i>Requires thrustwashers.</i>							
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
<b>MAINS</b> <i>Requires thrustwashers.</i>							
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>THRUST</b>							
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
<b>THRUST</b>							
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

8 Engine		Year	Cyl	Bore x Stroke	8
JT 2226cc Inline5 SOHC 2v		11/1983 - 12/1987	L5	81.0mm x 86.4mm	
KP 1994cc Inline5 SOHC 2v		08/1984 - 12/1987	L5	81.0mm x 77.4mm	
KU 2226cc Inline5 SOHC 2v		08/1984 - 12/1990	L5	81.0mm x 86.4mm	
KV 2226cc Inline5 SOHC 2v		06/1984 - 12/1991	L5	81.0mm x 86.4mm	
KZ 2226cc Inline5 SOHC 2v		08/1984 - 09/1986	L5	81.0mm x 86.4mm	
PX 2226cc Inline5 SOHC 2v		08/1985 - 12/1990	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>							
<b>5B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>							
<b>5B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>5B1606A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>5B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>MAINS</b> <i>Requires thrustwashers.</i>							
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811				
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170

9 Engine	Year	Cyl	Bore x Stroke	9
HP 1994cc Inline5 SOHC 2v	08/1983 - 03/1987	L5	81.0mm x 77.4mm	
JL 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	81.0mm x 77.4mm	
JS 1994cc Inline5 SOHC 2v	08/1982 - 07/1988	L5	81.0mm x 77.4mm	
KX 2226cc Inline5 SOHC 2v	07/1981 - 07/1988	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>5B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>5B1606A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>5B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>5B1636A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F810	1636A IH
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298				
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F780	1636 IH
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298				
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811				
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170





9 Continued ...								9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>						
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	
10 Engine				Year	Cyl	Bore x Stroke		10
GV 2144cc Inline5 SOHC 2v Turbo				07/1980 - 07/1987	L5	79.5mm x 86.4mm		
JY 2144cc Inline5 SOHC 2v Turbo				08/1983 - 01/1988	L5	79.5mm x 86.4mm		
KG 2144cc Inline5 SOHC 2v Turbo				05/1982 - 01/1988	L5	79.5mm x 86.4mm		
MC 2226cc Inline5 SOHC 2v Turbo				05/1982 - 12/1991	L5	81.0mm x 86.4mm		
WR 2144cc Inline5 SOHC 2v Turbo				07/1980 - 07/1987	L5	79.5mm x 86.4mm		
WX 2144cc Inline5 SOHC 2v Turbo				02/1982 - 07/1989	L5	79.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>						
<b>5B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH	
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>						
<b>5B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH	
<b>CONROD</b>		<i>Has one oil hole.</i>						
<b>5B1606A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>CONROD</b>		<i>Has one oil hole.</i>						
<b>5B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>CONROD</b>		<i>Has plain shells.</i>						
<b>5B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH	
<b>CONROD</b>		<i>Has plain shells.</i>						
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH	
<b>MAINS</b>		<i>Requires thrustwashers.</i>						
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL	
<b>MAINS</b>		<i>Requires thrustwashers.</i>						
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL	
<b>THRUST</b>								
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL	
<b>THRUST</b>								
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL	
<b>PISTON PIN BUSH</b>								
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053	

11 Engine		Year	Cyl	Bore x Stroke	11		
NF 2309cc Inline5 SOHC 2v		01/1985 - 12/1994	L5	82.5mm x 86.4mm			
NG 2309cc Inline5 SOHC 2v		08/1986 - 11/1994	L5	82.5mm x 86.4mm			
NM 1994cc Inline5 DOHC 4v		01/1988 - 12/1991	L5	81.0mm x 77.4mm			
PR 2309cc Inline5 SOHC 2v		08/1989 - 12/1990	L5	82.5mm x 86.4mm			
PS 1994cc Inline5 SOHC 2v		04/1987 - 12/1991	L5	81.0mm x 77.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>5B1606A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>5B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>MAINS</b>	<i>Requires thrustwashers.</i>					
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	<b>MAINS</b>	<i>Requires thrustwashers.</i>					
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	<b>THRUST</b>						
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
	<b>THRUST</b>						
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
12 Engine		Year	Cyl	Bore x Stroke	12		
CN 1986cc Inline5 SOHC 2v Diesel		01/1978 - 07/1989	L5	76.5mm x 86.4mm			
DE 1986cc Inline5 SOHC 2v Turbo Diesel		01/1981 - 12/1987	L5	76.5mm x 86.4mm			
NC 1986cc Inline5 SOHC 2v Turbo Diesel		03/1988 - 12/1990	L5	76.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>5B1606A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>5B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>CONROD</b>	<i>No hole. To be superceded by 5B1606A</i>					
<b>5B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
	<b>CONROD</b>	<i>No hole. To be superceded by 5B1606P.</i>					
<b>5B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
	<b>MAINS</b>	<i>Requires thrustwashers.</i>					
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL





12 Continued ...							12		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>6M1604P</b> STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>6M1605A</b> STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
		3							
	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>6M1605P</b> STD, .25, .50, .75	3	<i>Set contains flanged thrust bearing.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
<b>2T1604</b> STD	THRUST			63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
<b>2T1614</b> STD	THRUST			63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
<b>5RB4167</b> UNB	PISTON PIN BUSH	<i>Set of 5.</i>		27.000/1.0630 27.021/1.0638			25.00/.984	F100	5RB4167
<b>RB4167</b> UNB	PISTON PIN BUSH			27.000/1.0630 27.021/1.0638			25.00/.984	F100	RB4167

13 Engine				Year	Cyl	Bore x Stroke	13		
3D 2370cc Inline5 SOHC 2v Diesel				01/1989 - 01/1991	L5	79.5mm x 95.5mm			
AAS 2370cc Inline5 SOHC 2v Diesel				01/1991 - 12/1994	L5	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>5B1606A</b> STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>5B1606P</b> STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>5B5534A</b> STD, .25, .50, .75, 1.00	CONROD	<i>No hole. To be superceded by 5B1606A</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
<b>5B5534P</b> STD, .25, .50, .75, 1.00	CONROD	<i>No hole. To be superceded by 5B1606P.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
<b>6M1604A</b> STD, .25, .50, .75, 1.00	MAINS	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
<b>6M1604P</b> STD, .25, .50, .75, 1.00	MAINS	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>2T1604</b> STD	THRUST			63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
<b>2T1614</b> STD	THRUST			63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
<b>5RB4167</b> UNB	PISTON PIN BUSH	<i>Set of 5.</i>		27.000/1.0630 27.021/1.0638			25.00/.984	F100	5RB4167

**13 Continued ... 13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4167</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167

**14 Engine Year Cyl Bore x Stroke 14**

FS 1588cc Inline4 SOHC 2v	01/1976 - 07/1978	L4	79.5mm x 80.0mm
JF 1716cc Inline4 SOHC 2v	01/1982 - 07/1984	L4	79.5mm x 86.4mm
WT 1716cc Inline4 SOHC 2v	08/1980 - 12/1983	L4	79.5mm x 86.4mm
WV 1588cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	79.5mm x 80.0mm
XX 1588cc Inline4 SOHC 2v	09/1973 - 08/1975	L4	79.5mm x 80.0mm
YK 1588cc Inline4 SOHC 2v	09/1975 - 08/1979	L4	79.5mm x 80.0mm
YM 1588cc Inline4 SOHC 2v	01/1975 - 07/1976	L4	79.5mm x 80.0mm
YN 1588cc Inline4 SOHC 2v	10/1974 - 12/1983	L4	79.5mm x 80.0mm
YP 1588cc Inline4 SOHC 2v	09/1975 - 02/1983	L4	79.5mm x 80.0mm
YS 1588cc Inline4 SOHC 2v	09/1975 - 07/1978	L4	79.5mm x 80.0mm
YT 1588cc Inline4 SOHC 2v	08/1978 - 01/1979	L4	79.5mm x 80.0mm
YV 1588cc Inline4 SOHC 2v	08/1976 - 07/1982	L4	79.5mm x 80.0mm
YY 1588cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	79.5mm x 80.0mm
YZ 1588cc Inline4 SOHC 2v	08/1978 - 12/1986	L4	79.5mm x 80.0mm
ZV 1716cc Inline4 SOHC 2v	01/1982 - 12/1983	L4	79.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>Has plain shells.</i>							
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A
		45.970/1.8098	49.016/1.9298				IH

<b>CONROD</b> <i>Has plain shells.</i>							
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636
		45.970/1.8098	49.016/1.9298				IH

<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L

<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L

<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L

<b>RACE SERIES</b> <b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U





14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644H</b> STD, .25, .50	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
	4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.978/2.1251	59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L	
53.978/2.1251	59.019/2.3236						
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL	
53.978/2.1251	59.019/2.3236						
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		53.958/2.1243	59.000/2.3228				
	53.978/2.1251	59.019/2.3236					
3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F) UL	
53.978/2.1251	59.019/2.3236						
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

15 Engine			Year	Cyl	Bore x Stroke	15	
WB 2144cc Inline5 SOHC 2v			04/1978 - 07/1984	L5	79.5mm x 86.4mm		
WC 2144cc Inline5 SOHC 2v			08/1976 - 07/1984	L5	79.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>					
<b>5B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>					
<b>5B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>		<i>Has plain shells.</i>					
<b>5B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
		45.970/1.8098	49.016/1.9298				
<b>CONROD</b>		<i>Has plain shells.</i>					
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				



15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6M1604A</b> STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
<b>6M1605A</b> STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.978/2.2826	63.019/2.4811				
	3	<i>Set contains flanged thrust bearing.</i>		2.500/.0984	24.93/.982	F810	1605A(F) UL
		57.958/2.2818	63.000/2.4803				
<b>6M1605P</b> STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
	3	<i>Set contains flanged thrust bearing.</i>		2.500/.0984	24.93/.981	F780	1605(F) UL
		57.958/2.2818	63.000/2.4803				
<b>2T1604</b> STD	THRUST	63.500/2.5000	77.200/3.0394	1.98/.078	F817	1604T UL	
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	THRUST	63.500/2.5000	76.950/3.0295	1.98/.078	F817	1614T UL	
		63.750/2.5098	77.200/3.0394				
<b>RB4053</b> UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

16 Engine				Year	Cyl	Bore x Stroke	16
KE 2144cc Inline5 SOHC 2v				08/1981 - 12/1984	L5	79.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076A</b> STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
<b>5B1076P</b> STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
<b>5B1636A</b> STD, .25, .50, .75, 1.00	CONROD	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F810	1636A IH
		45.950/1.8091	49.000/1.9291				
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				
<b>6M1604A</b> STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	MAINS 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
<b>6M1605P</b> STD, .25, .50, .75	MAINS 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
	3	<i>Set contains flanged thrust bearing.</i>		2.500/.0984	24.93/.981	F780	1605(F) UL
		57.958/2.2818	63.000/2.4803				
<b>2T1604</b> STD	THRUST	63.500/2.5000	77.200/3.0394	1.98/.078	F817	1604T UL	
		63.750/2.5098	77.450/3.0492				





16 Continued ...								16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>THRUST</b>								
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL	
<b>PISTON PIN BUSH</b>								
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053	
17 Engine				Year	Cyl	Bore x Stroke		17
AEH 1595cc Inline4 SOHC 2v				09/1996 - 05/2003	L4	81.0mm x 77.4mm		
AKL 1595cc Inline4 SOHC 2v				09/1996 - 06/2003	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES</b>								
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b>								
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>CONROD</b>								
<i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>RACE SERIES</b>								
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH	
<b>RACE SERIES</b>								
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH	
<b>CONROD</b>								
<i>Has one oil hole and no notch.</i>								
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L 1609 U	
<b>CONROD</b>								
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>								
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609A L 1609 U	
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L 1648A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L 1648 U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L 1668A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>AUX</b>								
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	

17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

18 Engine	Year	Cyl	Bore x Stroke	18
ALT 1984cc Inline 4 DOHC 5v	12/2000 - 06/2008	L4	82.5mm x 92.8mm	
AWA 1984cc Inline4 DOHC 5v	07/2002 - 12/2004	L4	82.5mm x 92.8mm	
AXW 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 10/2006	L4	82.5mm x 92.8mm	
BGB 1984cc Inline4 DOHC 4v Turbo	11/2004 - 03/2008	L4	82.5mm x 92.8mm	
BLR 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
BLX 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
BLY 1984cc Inline4 DOHC 4v	05/2003 - 06/2008	L4	82.5mm x 92.8mm	
BMB 1984cc Inline4 DOHC 4v	01/2004 - 01/2005	L4	82.5mm x 92.8mm	
BPG 1984cc Inline4 DOHC 4v Turbo	11/2004 - 05/2006	L4	82.5mm x 92.8mm	
BPJ 1984cc Inline4 DOHC 4v Turbo	06/2005 - 08/2011	L4	82.5mm x 92.8mm	
BPY 1984cc Inline4 DOHC 4v Turbo	11/2005 - 05/2009	L4	82.5mm x 92.8mm	
BUL 1984cc Inline4 DOHC 4v Turbo	06/2005 - 06/2008	L4	82.5mm x 92.8mm	
BVY 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	82.5mm x 95.9mm	
BVZ 1984cc Inline4 DOHC 4v	11/2005 - 01/2007	L4	82.5mm x 92.8mm	
BWA 1984cc Inline4 DOHC 4v Turbo	11/2004 - On	L4	82.5mm x 92.8mm	
BWE 1984cc Inline4 DOHC 4v Turbo	09/2005 - On	L4	82.5mm x 92.8mm	
BWT 1984cc Inline4 DOHC 4v Turbo	06/2006 - 03/2008	L4	82.5mm x 92.8mm	
BYK 1984cc Inline4 DOHC 4v Turbo	10/2006 - 08/2011	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL





19 Engine		Year	Cyl	Bore x Stroke	19		
AMB 1781cc Inline4 DOHC 5v Turbo		07/2001 - 12/2004	L4	81.0mm x 86.4mm			
ARX 1781cc Inline4 DOHC 5v Turbo		09/2000 - 06/2003	L4	81.0mm x 86.4mm			
AVJ 1781cc Inline4 DOHC 5v Turbo		12/2000 - 06/2002	L4	81.0mm x 86.4mm			
BEX 1781cc Inline4 DOHC 5v Turbo		11/2002 - 12/2004	L4	81.0mm x 86.4mm			
BFB 1781cc Inline4 DOHC 5v Turbo		07/2002 - 03/2008	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX
		47.778/1.8810	50.619/1.9929				IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609
		47.778/1.8810	50.619/1.9929				U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A
		47.778/1.8810	50.619/1.9929				L
<b>5M1668A</b> STD, .25, .50, .75		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
<b>2T1644</b> STD		<b>THRUST</b>					
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

20 Engine		Year	Cyl	Bore x Stroke	20		
APX 1781cc Inline4 DOHC 5v Turbo		10/1998 - 08/2001	L4	81.0mm x 86.4mm			
BAM 1781cc Inline4 DOHC 5v Turbo		05/1999 - 06/2006	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX
		47.778/1.8810	50.619/1.9929				IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
<b>4B5539D</b> STD, .25, .50		<b>CONROD</b>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D
		47.778/1.8810	50.612/1.9926				U
<b>5M1653A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
<b>5M1668A</b> STD, .25, .50, .75		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
		53.978/2.1251	59.019/2.3236				U

20 Continued ...							20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	4RB4171
				23.021/.9063			
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	RB4171
				23.021/.9063			

21 Engine	Year	Cyl	Bore x Stroke	21
ARY 1781cc Inline4 DOHC 5v Turbo	10/1998 - 12/2006	L4	81.0mm x 86.4mm	
AUM 1781cc Inline4 DOHC 5v Turbo	12/1996 - 06/2006	L4	81.0mm x 86.4mm	
AUQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	81.0mm x 86.4mm	
AWT 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H	
		47.778/1.8810	50.619/1.9929				IH	
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX	
		47.778/1.8810	50.619/1.9929				IH	
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609	
		47.778/1.8810	50.619/1.9929				U	
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A	
		47.778/1.8810	50.619/1.9929				L	
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
			53.978/2.1251	59.019/2.3236				U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A	
		53.978/2.1251	59.019/2.3236				L	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	4RB4171	
				23.021/.9063				
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	RB4171	
				23.021/.9063				

22 Engine	Year	Cyl	Bore x Stroke	22
XW 1471cc Inline4 SOHC 2v	10/1973 - 08/1974	L4	76.5mm x 80.0mm	
YJ 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	76.5mm x 80.0mm	
ZB 1471cc Inline4 SOHC 2v	05/1972 - 08/1975	L4	76.5mm x 80.0mm	
ZC 1471cc Inline4 SOHC 2v	05/1972 - 07/1976	L4	76.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1636A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells.</i>					
		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A
		45.970/1.8098	49.016/1.9298				IH
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has plain shells.</i>					
		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636
		45.970/1.8098	49.016/1.9298				IH





22		Continued ...						22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b> <b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>								
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
<b>AUX</b>								
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>								
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					
<b>PISTON PIN BUSH</b> <i>Has 6.5mm oil hole and part groove.</i>								
<b>RB4170</b> UNB			23.000/.9055		25.00/.984	F100	RB4170	
			23.052/.9076					

23	Engine	Year	Cyl	Bore x Stroke	23
	1Z 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 09/2001	L4	79.5mm x 95.5mm	
	AAZ 1896cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 07/1995	L4	79.5mm x 95.5mm	
	AFF 1896cc Inline4 SOHC 2v Turbo Diesel	12/1995 - 09/2001	L4	79.5mm x 95.5mm	
	AGR 1896cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 07/2001	L4	79.5mm x 95.5mm	
	AHH 1896cc Inline4 SOHC 2v Turbo Diesel	01/1995 - 09/2001	L4	79.5mm x 95.5mm	
	ALH 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 06/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1075A</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A IH
		47.778/1.8810	50.619/1.9929				
<b>4B1075P</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075 IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4168</b>			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				
<b>PISTON PIN BUSH</b>							
<b>RB4168</b> UNB			29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

24	Engine	Year	Cyl	Bore x Stroke	24
	AFN 1896cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 04/2001	L4	79.5mm x 95.5mm	
	AHF 1896cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 04/2002	L4	79.5mm x 95.5mm	
	ASV 1896cc Inline4 SOHC 2v Turbo Diesel	08/1997 - 04/2002	L4	79.5mm x 95.5mm	
	AVG 1896cc Inline4 SOHC 2v Turbo Diesel	10/1995 - 09/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>CONROD</b> <i>Has one oil hole and no notch.</i>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>							
<b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1609HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>							
<b>4B5536D</b> STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U
		47.778/1.8810	50.612/1.9926				





24		Continued ...						24
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5536D</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L	
		47.778/1.8810	50.612/1.9926					
<b>4B5536P</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH	
		47.778/1.8810	50.612/1.9926					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>2B57006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>						
			29.000/1.1417		25.00/.984	F100	4RB4168	
<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>		29.052/1.1438					
			29.000/1.1417		25.00/.984	F100	RB4168	
			29.052/1.1438					

25		Engine	Year	Cyl	Bore x Stroke	25		
		AJM 1896cc Inline4 SOHC 2v Turbo Diesel	01/1998 - 01/2005	L4	79.5mm x 95.5mm			
		ATD 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L	
		47.778/1.8810	50.612/1.9926					
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U	
		47.778/1.8810	50.612/1.9926					
<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH	
		47.778/1.8810						
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>5C7004</b> STD	<b>CAMS</b>	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
			28.960/1.1402	32.025/1.2608				



25 Continued ...							25
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>	27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>	29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
<b>RB4167</b> UNB	<b>PISTON PIN BUSH</b>		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167
<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>		29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

26 Engine				Year	Cyl	Bore x Stroke	26
ASZ 1896cc Inline4 SOHC 2v Turbo Diesel				05/2000 - 06/2003	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5538D</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023 50.878/2.0031 50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146 53.700/2.1142 53.712/2.1146	1.404/.0553  1.404/.0553	20.40/.803  20.40/.803	F781  F780	5538D U 5538 L
<b>4B5538P</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 IH
<b>5M5540A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F810	5540A UL
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>5C7004</b> STD	<b>CAMS</b> 1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
<b>2BS7006</b> UNB	<b>AUX</b> 1 2	42.959/1.6913 42.975/1.6919 41.959/1.6519 41.975/1.6526	46.000/1.8110 46.025/1.8120 45.000/1.7717 45.025/1.7726		15.00/.591 15.00/.591	F23 F23	7006 7007
<b>4RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>	27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
<b>RB4167</b> UNB	<b>PISTON PIN BUSH</b>		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167

27 Engine				Year	Cyl	Bore x Stroke	27
AVF 1896cc Inline4 SOHC 2v Turbo Diesel				12/2000 - 01/2005	L4	79.5mm x 95.5mm	
AWX 1896cc Inline4 SOHC 2v Turbo Diesel				12/2000 - 01/2005	L4	79.5mm x 95.5mm	
BKE 1896cc Inline4 SOHC 2v Turbo Diesel				06/2004 - 06/2008	L4	79.5mm x 95.5mm	
BRB 1896cc Inline4 SOHC 2v Turbo Diesel				11/2004 - 06/2008	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5538D</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F781	5538D U





27 Continued ...							27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5538D</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
<b>4B5538P</b> STD, .25, .50	<b>MAINS</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5 <b>MAINS</b>	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5 <b>MAINS</b>	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>5C7004</b> STD	1,2,3,4,5 <b>CAMS</b>	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.00/.984	F100	4RB4168
			29.000/1.1417				
			29.052/1.1438				
<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>		29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

28 Engine				Year	Cyl	Bore x Stroke	28
HX 2226cc Inline5 SOHC 2v				08/1984 - 11/1990	L5	81.0mm x 86.4mm	
KW 2144cc Inline5 DOHC 4v Turbo				05/1984 - 07/1987	L5	79.3mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>5B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>5B1606A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>5B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6 <b>MAINS</b>	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6 <b>MAINS</b>	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055				
			23.021/.9063				

**28 Continued ... 28**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

**29 Engine Year Cyl Bore x Stroke 29**

KJ 2144cc Inline5 SOHC 2v Turbo	08/1981 - 09/1982	L5	79.5mm x 86.4mm
WK 2144cc Inline5 SOHC 2v	10/1979 - 09/1982	L5	79.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has plain shells.</i>							
<b>5B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
<b>CONROD</b> <i>Has plain shells.</i>							
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
<b>MAINS</b> <i>Set contains flanged thrust bearing.</i>							
<b>6M1605A</b> STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL
	<b>MAINS</b> <i>Set contains flanged thrust bearing.</i>						
<b>6M1605P</b> STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

**30 Engine Year Cyl Bore x Stroke 30**

WE 2144cc Inline5 SOHC 2v	01/1977 - 07/1984	L5	79.5mm x 86.4mm
WG 2144cc Inline5 SOHC 2v	08/1976 - 07/1980	L5	79.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has plain shells.</i>							
<b>5B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
<b>CONROD</b> <i>Has plain shells.</i>							
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
<b>MAINS</b> <i>Requires thrustwashers.</i>							
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	<b>MAINS</b> <i>Requires thrustwashers.</i>						
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>MAINS</b> <i>Set contains flanged thrust bearing.</i>							
<b>6M1605A</b> STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL
	<b>MAINS</b> <i>Set contains flanged thrust bearing.</i>						
<b>6M1605P</b> STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL





<b>30</b>	<b>Continued ...</b>							<b>30</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

<b>31</b>	<b>Engine</b>		<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>31</b>	
	WD 2144cc Inline5 SOHC 2v		06/1977 - 09/1982	L5	79.5mm x 86.4mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Has plain shells. Suits until 12/85.</i>							
<b>5B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH

<b>CONROD</b>							
<i>Has plain shells. Suits until 12/85.</i>							
<b>5B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH

<b>MAINS</b>							
<i>Requires thrustwashers.</i>							
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL

<b>MAINS</b>							
<i>Requires thrustwashers.</i>							
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL

<b>MAINS</b>							
<i>Set contains flanged thrust bearing.</i>							
<b>6M1605A</b> STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL

<b>MAINS</b>							
<i>Set contains flanged thrust bearing.</i>							
<b>6M1605P</b> STD, .25, .50, .75	1,2,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	3	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL

<b>THRUST</b>							
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL

<b>THRUST</b>							
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL

<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

<b>32</b>	<b>Engine</b>		<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>32</b>	
	4B 1781cc Inline4 SOHC 2v		03/1985 - 12/1990	L4	81.0mm x 86.4mm		
	NP 1781cc Inline4 SOHC 2v		10/1984 - 12/1990	L4	81.0mm x 86.4mm		
	PH 1781cc Inline4 SOHC 2v		04/1985 - 12/1990	L4	81.0mm x 86.4mm		
	RS 1781cc Inline4 SOHC 2v		08/1982 - 12/1987	L4	81.0mm x 86.4mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Has plain shells. Suits until 12/85.</i>							
<b>4B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH

<b>CONROD</b>							
<i>Has plain shells. Suits until 12/85.</i>							
<b>4B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH

<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH

32		Continued ...						32
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>						
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>5C7008</b> STD	<b>CAMS</b>	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	F820	7008	
<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		F23	7006	
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		F23	7007	
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076		F100	4RB4170	
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076		F100	RB4170	



33 Engine		Year	Cyl	Bore x Stroke	33		
PM 1781cc Inline4 SOHC 2v		03/1988 - 12/1991	L4	81.0mm x 86.4mm			
PP 1595cc Inline4 SOHC 2v		03/1987 - 12/1991	L4	81.0mm x 77.4mm			
RN 1595cc Inline4 SOHC 2v		08/1986 - 12/1991	L4	81.0mm x 77.4mm			
RU 1781cc Inline4 SOHC 2v		10/1986 - 01/1990	L4	81.0mm x 86.4mm			
SD 1847cc Inline4 SOHC 2v		09/1986 - 04/1989	L4	82.5mm x 86.4mm			
SF 1781cc Inline4 SOHC 2v		02/1986 - 07/1990	L4	81.0mm x 86.4mm			
SH 1781cc Inline4 SOHC 2v		02/1986 - 07/1990	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
<b>2T1644</b> STD		59.700/2.3504	73.200/2.8819				
<b>AUX</b>		42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
<b>2B57006</b> UNB	1	42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				
<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055		25.00/.984	F100	RB4170
			23.052/.9076				





34 Engine		Year	Cyl	Bore x Stroke	34		
ABB 1595cc Inline4 SOHC 2v		08/1990 - 07/1993	L4	81.0mm x 77.4mm			
ABM 1595cc Inline4 SOHC 2v		01/1992 - 06/1994	L4	81.0mm x 77.4mm			
ADA 1595cc Inline4 SOHC 2v		06/1993 - 07/1995	L4	81.0mm x 77.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4173</b> UNB			23.000/.9055		25.00/.984	F100	4RB4173
			23.021/.9063				
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				



34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4173</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173
35 Engine				Year	Cyl	Bore x Stroke	35
ADP 1595cc Inline4 SOHC 2v				11/1994 - 10/1996	L4	81.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>CONROD</b>							
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>MAINS</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>PISTON PIN BUSH</b>							
<i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b>							
<i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171





36	Engine	Year	Cyl	Bore x Stroke	36
	AJP 1781cc Inline4 SOHC 2v	12/1997 - 01/2005	L4	81.0mm x 86.4mm	
	AQE 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	81.0mm x 86.4mm	
	ARH 1781cc Inline4 DOHC 5v	07/1997 - 01/2005	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

37	Engine	Year	Cyl	Bore x Stroke	37
	APF 1595cc Inline4 SOHC 2v	09/1996 - 05/2003	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L





37 Continued ...								37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U	
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>						
<b>5M1653A</b> STD, .25, .50, .75, 1.00		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>				
	<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
1,2,3,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>						
<b>5M1668A</b> STD, .25, .50, .75		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
	<b>THRUST</b>							
	<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>								
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
	<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>						
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	



38	Engine	Year	Cyl	Bore x Stroke	38
	AGN 1781cc Inline4 DOHC 5v	09/1996 - 07/2004	L4	81.0mm x 86.4mm	
	APG 1781cc Inline4 DOHC 5v	11/1999 - 06/2003	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

39	Engine	Year	Cyl	Bore x Stroke	39
	AJQ 1781cc Inline4 DOHC 5v Turbo	10/1998 - 06/2006	L4	81.0mm x 86.4mm	
	AMK 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2002	L4	81.0mm x 86.4mm	
	APP 1781cc Inline4 DOHC 5v Turbo	12/1998 - 06/2006	L4	81.0mm x 86.4mm	
	APY 1781cc Inline4 DOHC 5v Turbo	11/1998 - 08/2000	L4	81.0mm x 86.4mm	
	AQA 1781cc Inline4 DOHC 5v Turbo	08/1998 - 04/2001	L4	81.0mm x 86.4mm	
	AUL 1781cc Inline4 DOHC 5v Turbo	09/1999 - 04/2001	L4	81.0mm x 86.4mm	
	BFV 1781cc Inline4 DOHC 5v Turbo	03/2005 - 06/2006	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171





<b>39 Continued ...</b>							<b>39</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

<b>40 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>40</b>
AGU 1781cc Inline4 DOHC 5v Turbo	12/1996 - 07/2004	L4	81.0mm x 86.4mm	
APU 1781cc Inline4 DOHC 5v Turbo	01/1995 - 01/2005	L4	81.0mm x 86.4mm	
ARZ 1781cc Inline4 DOHC 5v Turbo	12/1996 - 05/2003	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B5539D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 L
		47.778/1.8810	50.612/1.9926				5539D U
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	
		47.778/1.8810	50.612/1.9926				

<b>CONROD</b>							
<b>4B5539P</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 IH
		47.778/1.8810	50.612/1.9926				

<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				1648A U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	
		53.978/2.1251	59.019/2.3236				

<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				1648 U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	
		53.978/2.1251	59.019/2.3236				

<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				1668A U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	
		53.978/2.1251	59.019/2.3236				

<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171

<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

<b>41 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>41</b>
ALZ 1595cc Inline4 SOHC 2v	06/2000 - 06/2008	L4	81.0mm x 77.4mm	
ANA 1595cc Inline4 SOHC 2v	11/1994 - 09/2001	L4	81.0mm x 77.4mm	
AVU 1595cc Inline4 SOHC 2v	08/1997 - 06/2003	L4	81.0mm x 77.4mm	
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2003	L4	81.0mm x 77.4mm	
BGU 1595cc Inline4 SOHC 2v	08/2003 - 05/2005	L4	81.0mm x 77.4mm	
BSE 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	81.0mm x 77.4mm	
BSF 1595cc Inline4 SOHC 2v	06/2005 - 06/2010	L4	81.0mm x 77.4mm	
CCSA 1598cc Inline4 SOHC 2v	05/2003 - On	L4	76.5mm x 86.9mm	
CMXA 1595cc Inline4 SOHC 2v	06/2010 - 07/2012	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B5531A</b> STD, .25, .50		41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F810	5531A UL
		41.980/1.6528	45.016/1.7723				



41 Continued ...							41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5531P</b> STD, .25, .50	<b>CONROD</b>	41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F780	5531 UL
		41.980/1.6528	45.016/1.7723				
<b>5M5533A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	<i>Half groove in all positions.</i>		2.508/.0987	18.50/.728	F810	5533A UL
		47.958/1.8881	53.000/2.0866				
<b>2T5533</b> STD	<b>THRUST</b>	53.500/2.1063	65.550/2.5807		2.48/.097	F817	5533T UL
		53.750/2.1161	65.800/2.5905				

42 Engine				Year	Cyl	Bore x Stroke	42
ARK 1781cc Inline4 DOHC 5v Turbo				07/1998 - 07/1999	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
		47.758/1.8802	50.600/1.9921				
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH
		47.758/1.8802	50.600/1.9921				
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921				
<b>4B5539D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D U
		47.778/1.8810	50.612/1.9926				
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F810	1644A L
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				
		<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078
59.700/2.3504	73.200/2.8819						
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055				
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171
			23.021/.9063				

43 Engine				Year	Cyl	Bore x Stroke	43
AVV 1781cc Inline4 DOHC 5v				01/1995 - 10/2005	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				





43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8810	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
		53.958/2.1243	59.000/2.3228				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>2B57006</b> UNB	<b>AUX</b> 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	4RB4171
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				

44 Engine				Year	Cyl	Bore x Stroke	44
DD 1781cc Inline4 SOHC 2v				08/1981 - 07/1983	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1636A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells.</i>					
		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has plain shells.</i>					
		45.970/1.8098	49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		53.958/2.1243	59.000/2.3228				
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
		53.958/2.1243	59.000/2.3228				
	4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
		53.958/2.1243	59.000/2.3228				
<b>5M1643P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		53.958/2.1243	59.000/2.3228				
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
		53.958/2.1243	59.000/2.3228				



44 Continued ...							44	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1643P</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
	<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	<b>THRUST</b>							
<b>2T1644</b> STD			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
	<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB			21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

45 Engine				Year	Cyl	Bore x Stroke	45
DR 1781cc Inline4 SOHC 2v				05/1982 - 10/1986	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>				
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L





45		Continued ...						45
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1643P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
<b>5M1644A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on #4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50		<b>MAINS</b> <i>Full groove on #4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b> <b>5M1644HX</b> STD		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>2T1644</b> STD		<b>THRUST</b>			1.98/.078	F817	1644T UL	
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819					
<b>2B57006</b> UNB		<b>AUX</b>			15.00/.591	F23	7006	
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120					
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>4RB4170</b> UNB		<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	4RB4170
			23.000/.9055 23.052/.9076					
<b>RB4170</b> UNB		<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	RB4170
			23.000/.9055 23.052/.9076					

46		Engine	Year	Cyl	Bore x Stroke	46	
		JW 1781cc Inline4 SOHC 2v	03/1983 - 12/1990	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>4B1606HX</b> STD		<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH



46		Continued ...						46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Has one oil hole.</i>						
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b>		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>THRUST</b>		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
<b>2T1644</b> STD		59.700/2.3504	73.200/2.8819				UL	
<b>AUX</b>								
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					





46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS7006</b> UNB	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

47 Engine	Year	Cyl	Bore x Stroke	47
DT 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	81.0mm x 77.4mm	
JU 1595cc Inline4 SOHC 2v	08/1983 - 03/1987	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>						
<b>4B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH	
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>						
<b>4B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH	
<b>CONROD</b>		<i>Has one oil hole.</i>						
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES</b>		<i>Has one oil hole.</i>						
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>CONROD</b>		<i>Has plain shells.</i>						
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH	
<b>CONROD</b>		<i>Has plain shells.</i>						
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH	
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	



47 Continued ...							47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>MAINS</b>	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
<b>MAINS</b>	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
<b>THRUST</b>	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>AUX</b>	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

48 Engine		Year	Cyl	Bore x Stroke	48		
MG 1781cc Inline4 SOHC 2v		08/1985 - 03/1987	L4	81.0mm x 86.4mm			
MU 1781cc Inline4 SOHC 2v		06/1984 - 03/1987	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>				
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH





48 Continued ...							48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>5M1643P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>2B57006</b> UNB	<b>AUX</b>	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170

49 Engine				Year	Cyl	Bore x Stroke	49
NE 1781cc Inline4 SOHC 2v				08/1984 - 12/1991	L4	81.0mm x 86.4mm	
PV 1781cc Inline4 SOHC 2v				03/1985 - 07/1988	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH



49		Continued ...						49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
		<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
		53.978/2.1251	59.019/2.3236					
			<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 L	
		53.978/2.1251	59.019/2.3236					
			<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
	53.978/2.1251	59.019/2.3236						
		<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L	
	53.978/2.1251	59.019/2.3236						
		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L	
	53.978/2.1251	59.019/2.3236						
		<b>AUX</b>						
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
		<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					
		<b>PISTON PIN BUSH</b> <i>Has 6.5mm oil hole and part groove.</i>						
<b>RB4170</b> UNB			23.000/.9055		25.00/.984	F100	RB4170	
			23.052/.9076					

50		Engine	Year	Cyl	Bore x Stroke	50	
		SA 1595cc Inline4 SOHC 2v	02/1986 - 03/1987	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
		<b>CONROD</b> <i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				





50		Continued ...						50
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>						
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>5M1643P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
<b>5M1654A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
<b>5M1654P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
<b>2BS7006</b> UNB	<b>AUX</b>							
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170	
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170	

51	Engine	Year	Cyl	Bore x Stroke	51		
	AZV 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	81.0mm x 95.5mm			
	BKD 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - 04/2008	L4	81.0mm x 95.5mm			
	BLB 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	81.0mm x 95.5mm			
	BNA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2004 - 10/2008	L4	81.0mm x 95.5mm			
	BRE 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	81.0mm x 95.5mm			
	BRF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2004 - 10/2008	L4	81.0mm x 95.5mm			
	BUY 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	81.0mm x 95.5mm			
	BVA 1968cc Inline4 DOHC 4v Turbo Diesel	06/2006 - 06/2008	L4	81.0mm x 95.5mm			
	BVF 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - 11/2006	L4	81.0mm x 95.5mm			
	BVG 1968cc Inline4 DOHC 4v Turbo Diesel	09/2005 - 10/2008	L4	81.0mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
<b>CONROD</b>							
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				IH
<b>MAINS</b>							
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL
<b>MAINS</b>							
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>CAMS</b>							
<b>10C7005</b> STD	Exhaust	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
	Inlet	25.939/1.0212	29.000/1.1417	1.513/.0596	22.00/.866	F780	7005
		25.960/1.0220	29.021/1.1426				





52	Engine	Year	Cyl	Bore x Stroke	52
	BMM 1968cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 06/2008	L4	81.0mm x 95.5mm	
	BMN 1968cc Inline4 DOHC 4v Turbo Diesel	03/2006 - 08/2012	L4	81.0mm x 95.5mm	
	BPW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2004 - 03/2009	L4	81.0mm x 95.5mm	
	BRC 1968cc Inline4 SOHC 2v Turbo Diesel	01/2006 - 03/2009	L4	81.0mm x 95.5mm	
	CAGA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
	CAGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
	CAGC 1968cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	81.0mm x 95.5mm	
	CAHA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	81.0mm x 95.5mm	
	CAHB 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	81.0mm x 95.5mm	
	CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - 05/2010	L4	81.0mm x 95.5mm	
	CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - 05/2010	L4	81.0mm x 95.5mm	
	CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2008 - On	L4	81.0mm x 95.5mm	
	CFAA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2003 - On	L4	81.0mm x 95.5mm	
	CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	81.0mm x 95.5mm	
	CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	81.0mm x 95.5mm	
	CFHD 1968cc Inline4 DOHC 4v Turbo Diesel	09/2011 - On	L4	81.0mm x 95.5mm	
	CGLA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	81.0mm x 95.5mm	
	CGLB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2008 - On	L4	81.0mm x 95.5mm	
	CGLC 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	81.0mm x 95.5mm	
	CGLD 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	81.0mm x 95.5mm	
	CJCA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	81.0mm x 95.5mm	
	CJCB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	81.0mm x 95.5mm	
	CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2010 - 08/2012	L4	81.0mm x 95.5mm	
	CMEA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
	CMGB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2011 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				
	<b>CONROD</b>						
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
	<b>MAINS</b>						
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
	<b>MAINS</b>						
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

53	Engine	Year	Cyl	Bore x Stroke	53
	3B 2226cc Inline5 DOHC 4v Turbo	01/1989 - 12/1996	L5		
	AAN 2226cc Inline5 DOHC 4v Turbo	08/1991 - 08/1997	L5	81.0mm x 86.0mm	
	ABY 2226cc Inline5 DOHC 4v Turbo	10/1992 - 12/1995	L5	81.0mm x 86.4mm	
	ADU 2226cc Inline5 DOHC 4v Turbo	03/1994 - 07/1995	L5	81.0mm x 86.4mm	
	RR 2226cc Inline5 DOHC 4v Turbo	08/1989 - 07/1991	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>MAINS</b>	<i>Requires thrustwashers.</i>					
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F810	1604A UL
		57.978/2.2826	63.019/2.4811				
	<b>MAINS</b>	<i>Requires thrustwashers.</i>					
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				



53 Continued ...							53
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	4RB4171
				23.021/.9063			
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055	25.00/.984	F100	RB4171
				23.021/.9063			

54 Engine				Year	Cyl	Bore x Stroke	54
KM 2226cc Inline5 SOHC 2v				09/1982 - 07/1985	L5	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
<b>5B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	4RB4170
				23.052/.9076			
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	RB4170
				23.052/.9076			

55 Engine				Year	Cyl	Bore x Stroke	55
RT 1994cc Inline5 SOHC 2v				01/1988 - 12/1990	L5	81.0mm x 77.4mm	
SK 1994cc Inline5 SOHC 2v				02/1986 - 03/1987	L5	81.0mm x 77.4mm	
SL 1994cc Inline5 SOHC 2v				02/1986 - 12/1987	L5	81.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1606A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
<b>5B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				





55 Continued ...							55
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394	1.98/.078	F817	1604T UL	
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295	1.98/.078	F817	1614T UL	
		63.750/2.5098	77.200/3.0394				
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	4RB4170	
			23.000/.9055				
			23.052/.9076				
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	RB4170	
			23.000/.9055				
			23.052/.9076				

56 Engine				Year	Cyl	Bore x Stroke	56
HY 2226cc Inline5 SOHC 2v				06/1984 - 07/1988	L5	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>5B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F780	1076 IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>5B1606A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>5B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
<b>6M1605A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
	3	57.958/2.2818	63.000/2.4803	2.500/.0984	24.93/.982	F810	1605A(F) UL
		57.978/2.2826	63.019/2.4811				
<b>6M1605P</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,4,5,6	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
		57.978/2.2826	63.019/2.4811				
	3	57.958/2.2818	63.000/2.4803	2.500/.0984	24.93/.981	F780	1605(F) UL
		57.978/2.2826	63.019/2.4811				
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394	1.98/.078	F817	1604T UL	
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295	1.98/.078	F817	1614T UL	
		63.750/2.5098	77.200/3.0394				
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	4RB4170	
			23.000/.9055				
			23.052/.9076				

56 Continued ...							56
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

57 Engine	Year	Cyl	Bore x Stroke	57
1T 2461cc Inline5 SOHC 2v	01/1990 - 12/1990	L5	81.0mm x 95.5mm	
AAT 2461cc Inline5 SOHC 2v	08/1991 - 10/1997	L5	81.0mm x 95.5mm	
ABP 2461cc Inline5 SOHC 2v	06/1991 - 07/1992	L5	81.0mm x 95.5mm	
AEL 2461cc Inline5 SOHC 2v	10/1994 - 10/1997	L5	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Requires thrustwashers.</i>					
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
<b>MAINS</b>		<i>Requires thrustwashers.</i>					
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>THRUST</b>							
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
<b>THRUST</b>							
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL

58 Engine	Year	Cyl	Bore x Stroke	58
ACE 1984cc Inline4 DOHC 4v	01/1992 - 10/1997	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>					





58 Continued ...							58
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644HX</b> STD	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	<b>THRUST</b>						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>2T1644</b> STD	<b>AUX</b>						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

59 Engine	Year	Cyl	Bore x Stroke	59
AAD 1984cc Inline4 SOHC 2v	08/1990 - 12/1992	L4	82.5mm x 92.8mm	
AAE 1984cc Inline4 SOHC 2v	12/1990 - 06/1996	L4	82.5mm x 92.8mm	
ABK 1984cc Inline4 SOHC 2v	08/1991 - 12/1998	L4	82.5mm x 92.8mm	
ABT 1984cc Inline4 SOHC 2v	09/1991 - 06/1995	L4	82.5mm x 92.8mm	
ADW 1984cc Inline4 SOHC 2v	11/1993 - 10/1997	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
			1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780
1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L		
4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L		
<b>RACE SERIES</b> <b>5M1644HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	<b>THRUST</b>							
			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL



**59 Continued ... 59**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS7006</b> UNB	<b>AUX</b> 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4173</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		23.000/.9055	25.00/.984	F100	4RB4173
				23.021/.9063			
<b>RB4173</b> UNB	<b>PISTON PIN BUSH</b>			23.000/.9055	25.00/.984	F100	RB4173
				23.021/.9063			

<b>60 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>60</b>
BDB 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	84.0mm x 95.9mm	
BHE 3189cc V6 DOHC 4v	07/2003 - 06/2006	V6	84.0mm x 95.9mm	
BMJ 3189cc V6 DOHC 4v	07/2003 - 05/2009	V6	84.0mm x 95.9mm	
BPF 3189cc V6 DOHC 4v	06/2004 - 05/2005	V6	84.0mm x 95.9mm	
BUB 3189cc V6 DOHC 4v	11/2005 - 06/2010	V6	84.0mm x 95.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B5530A</b> STD, .25, .50	<b>CONROD</b>	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F810	5530A IH
		53.978/2.1251	56.819/2.2370				
<b>RACE SERIES</b> <b>6B5530H</b> STD, .025, .25	<b>CONROD</b>	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F781	5530H IH
		53.978/2.1251	56.819/2.2370				
<b>RACE SERIES</b> <b>6B5530HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.391/.0548	17.00/.669	F781	5530HX IH
		53.958/2.1243	56.800/2.2362				
53.978/2.1251	56.819/2.2370			2.501/.0985	17.00/.669	F810	5532A UL
<b>7M5532A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F810	5532A UL
		59.978/2.3613	65.010/2.5594				
<b>RACE SERIES</b> <b>7M5532H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F780	5532H UL
		59.978/2.3613	65.010/2.5594				
<b>RACE SERIES</b> <b>7M5532HX</b> STD	<b>MAINS</b> 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		2.488/.0980	17.00/.669	F780	5532HX UL
		59.958/2.3605	65.000/2.5591				
59.978/2.3613	65.010/2.5594				1.72/.068	F817	5532T U
<b>2T5532</b> STD	<b>THRUST</b>	65.450/2.5768	79.760/3.1402		1.72/.068	F817	5532T U
		65.690/2.5862	80.000/3.1496				
<b>1BS7006</b> UNB	<b>AUX</b>	<i>For Front position only.</i>			15.00/.591	F23	7006
		42.959/1.6913	46.000/1.8110				
42.975/1.6919	46.025/1.8120				20.00/.787	F100	7009
<b>1BS7009</b> UNB	<b>AUX</b>	<i>For Rear position only.</i>			20.00/.787	F100	7009
		14.473/.5698	17.500/.6890				
14.484/.5702	17.518/.6897			1.800/.0709	20.00/.787	F100	RB4140
<b>RB4140</b> UNB	<b>PISTON PIN BUSH</b>			23.000/.9055	20.00/.787	F100	RB4140
				23.052/.9076			

<b>61 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>61</b>
BHK 3597cc V6 DOHC 4v	08/2006 - On	V6	89.0mm x 96.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B5530A</b> STD, .25, .50	<b>CONROD</b>	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F810	5530A IH
		53.978/2.1251	56.819/2.2370				





61 Continued ...							61
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>6B5530H</b> STD, .025, .25	<b>CONROD</b>	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F781	5530H IH
		53.978/2.1251	56.819/2.2370				
<b>RACE SERIES</b> <b>6B5530HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.391/.0548	17.00/.669	F781	5530HX IH
		53.958/2.1243	56.800/2.2362	53.978/2.1251	56.819/2.2370		
<b>7M5532A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F810	5532A UL
		59.978/2.3613	65.010/2.5594				
<b>RACE SERIES</b> <b>7M5532H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5,6,7	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F780	5532H UL
		59.978/2.3613	65.010/2.5594				
<b>RACE SERIES</b> <b>7M5532HX</b> STD	<b>MAINS</b> 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		2.488/.0980	17.00/.669	F780	5532HX UL
		59.958/2.3605	65.000/2.5591	59.978/2.3613	65.010/2.5594		
<b>2T5532</b> STD	<b>THRUST</b>	65.450/2.5768	79.760/3.1402		1.72/.068	F817	5532T U
		65.690/2.5862	80.000/3.1496				
<b>RB4140</b> UNB	<b>PISTON PIN BUSH</b>		23.000/.9055	1.800/.0709	20.00/.787	F100	RB4140
				23.052/.9076			

62 Engine				Year	Cyl	Bore x Stroke	62
1500N 1496cc Inline4 SOHC 2v				01/1969 - 12/1976	L4	80.0mm x 74.4mm	
1700N 1697cc Inline4 SOHC 2v				01/1965 - 12/1976	L4	80.0mm x 84.4mm	
1800S,1800N 1760cc Inline4 SOHC 2v				01/1966 - 01/1992	L4	81.5mm x 84.4mm	
1900S 1871cc Inline4 SOHC 2v				01/1970 - 12/1976	L4	84.0mm x 84.4mm	
ZJ 1871cc Inline4 SOHC 2v				08/1971 - 12/1976	L4	84.0mm x 84.4mm	
ZP 1871cc Inline4 SOHC 2v				07/1970 - 07/1971	L4	84.0mm x 84.4mm	
ZX 1760cc Inline4 SOHC 2v				11/1968 - 11/1971	L4	81.5mm x 84.4mm	
ZZ 1760cc Inline4 SOHC 2v				08/1968 - 02/1974	L4	81.5mm x 84.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1706P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.948/1.8877	51.600/2.0315	1.805/.0711	21.00/.827	F780	1706 IH
		47.960/1.8882	51.613/2.0320				
<b>5M1707P</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,4,5	59.947/2.3601	64.000/2.5197	2.005/.0789	21.00/.827	F780	1707 UL
		59.962/2.3607	64.013/2.5202				
	3	59.947/2.3601	64.000/2.5197	2.005/.0789	27.90/1.098	F780	1708(F) UL
		59.962/2.3607	64.013/2.5202				

63 Engine				Year	Cyl	Bore x Stroke	63
HB 1093cc Inline4 SOHC 2v				08/1974 - 07/1978	L4	69.5mm x 72.0mm	
HC 1093cc Inline4 SOHC 2v				08/1974 - 07/1977	L4	69.5mm x 72.0mm	
HD 1093cc Inline4 SOHC 2v				08/1976 - 07/1978	L4	69.5mm x 72.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A IH
		41.970/1.6524	45.016/1.7723				
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610 IH
		41.980/1.6528	45.016/1.7723				
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				



63 Continued ...							63
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
	<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>						
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
	<b>MAINS</b> <i>Full Groove Set. Overwidth flange on undersizes.</i>						
<b>5M1675A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>THRUST</b>						
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23
	<b>AUX</b>						
	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
<b>4RB4169</b> UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169
	<b>PISTON PIN BUSH</b>						
<b>RB4169</b> UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169

64 Engine	Year	Cyl	Bore x Stroke	64
FY 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	75.0mm x 72.0mm	
FZ 1272cc Inline4 SOHC 2v	08/1978 - 07/1981	L4	75.0mm x 72.0mm	
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1978	L4	75.0mm x 72.0mm	
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1978	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
		<b>CONROD</b>					
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
		<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>					
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
		<b>MAINS</b> <i>Full Groove Set. Overwidth flange on undersizes.</i>					
<b>5M1675A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L





64 Continued ...							64
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1675A</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>2BS7006</b> UNB	<b>AUX</b>						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>4RB4169</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		23.000/.9055 23.025/.9065	24.00/.945	F100	4RB4169
<b>RB4169</b> UNB	<b>PISTON PIN BUSH</b>			23.000/.9055 23.025/.9065	24.00/.945	F100	RB4169

65 Engine		Year	Cyl	Bore x Stroke	65		
EP 1297cc Inline4 SOHC 2v		09/1978 - 07/1986	L4	75.0mm x 73.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
<b>4B1636A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F810	1636A IH
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has plain shells.</i>		1.506/.0593	19.00/.748	F780	1636 IH
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>5M1643P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L



**65 Continued ... 65**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				
<b>PISTON PIN BUSH</b> <i>Has 6.5mm oil hole and part groove.</i>							
<b>RB4170</b> UNB			23.000/.9055		25.00/.984	F100	RB4170
			23.052/.9076				

**66 Engine Year Cyl Bore x Stroke 66**

ANY 1191cc Inline3 SOHC 2v Turbo Diesel 03/2001 - 08/2005 L3 76.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>3B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U
		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L
<b>CONROD</b>							
<b>3B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810					IH
<b>CAMS</b>							
<b>4C7004</b> STD	1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
<b>AUX</b> <i>Rocker Arm Bush</i>							
<b>1BS7010</b> UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				
<b>AUX</b> <i>Rocker Arm Bush</i>							
<b>1BS7011</b> UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				





67 Engine		Year	Cyl	Bore x Stroke	67		
AMF 1422cc Inline3 SOHC 2v Turbo Diesel		02/2000 - 08/2005	L3	79.5mm x 95.5mm			
ATL 1422cc Inline3 SOHC 2v Turbo Diesel		11/2003 - 08/2005	L3	79.5mm x 95.5mm			
BHC 1422cc Inline3 SOHC 2v Turbo Diesel		02/2000 - 08/2005	L3	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U
<b>3B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810					IH
<b>4M5552A</b> STD, .25, .50	1,2,3,4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	5552A
		53.978/2.1251	59.019/2.3236				UL
<b>2T5535</b> STD	THRUST	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T
		59.750/2.3524	71.800/2.8268				UL
<b>4C7004</b> STD	1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
<b>1B57010</b> UNB	AUX	Rocker Arm Bush					
		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
<b>1B57011</b> UNB	AUX	Rocker Arm Bush					
		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
32.000/1.2598	35.025/1.3789						
32.000/1.2598	35.025/1.3789						
<b>68 Engine</b>							
RA 1588cc Inline4 SOHC 2v Turbo Diesel		09/1986 - 09/1991	L4	76.5mm x 86.4mm	68		
SB 1588cc Inline4 SOHC 2v Turbo Diesel		09/1986 - 08/1991	L4	76.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<i>Has one oil hole.</i>					
		47.778/1.8810	50.619/1.9929				IH
<b>4B5534A</b> STD, .25, .50, .75, 1.00		<i>No Hole. To be superceded by 4B1606A.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A
<b>4B5534P</b> STD, .25, .50, .75, 1.00		<i>No Hole. To be superceded by 4B1606P.</i>					
		47.778/1.8810	50.619/1.9929				IH
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
	53.978/2.1251	59.019/2.3236				U	
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
	53.978/2.1251	59.019/2.3236				L	
<b>2T1644</b> STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

68 Continued ...							68
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>				
<b>4RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
	<b>PISTON PIN BUSH</b>						
<b>RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172

69 Engine				Year	Cyl	Bore x Stroke	69
1Y 1896cc Inline4 SOHC 2v Diesel				08/1989 - 12/1991	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>		<i>Has one oil hole.</i>				
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	<b>CONROD</b>		<i>Has one oil hole.</i>				
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>CONROD</b>		<i>No Hole. To be superceded by 4B1606A.</i>				
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
	<b>CONROD</b>		<i>No Hole. To be superceded by 4B1606P.</i>				
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
	<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>				
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>				
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>				
<b>4RB4167</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
	<b>PISTON PIN BUSH</b>						
<b>RB4167</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167

70 Engine				Year	Cyl	Bore x Stroke	70
AUA 1390cc Inline4 DOHC 4v BBY 1390cc Inline4 DOHC 4v				02/2000 - 08/2005 02/2000 - 08/2005	L4 L4	76.5mm x 75.6mm 76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>		<i>Bearing has no locating notch.</i>				
<b>4B1615A</b> STD, .25, .50, .75		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
	<b>CONROD</b>						
<b>4B5542A</b> STD, .25, .50, .75		47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
	<b>MAINS</b>						
<b>5M5543A</b> STD, .25, .50	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL



70 Continued ...							70
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				
<b>2B57006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		F23	7006
			42.975/1.6919	46.025/1.8120			
		2	41.959/1.6519	45.000/1.7717		F23	7007
			41.975/1.6526	45.025/1.7726			
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

71 Engine				Year	Cyl	Bore x Stroke	71
CAXA 1390cc Inline4 DOHC 4v Turbo				05/2010 - On	L4	76.5mm x 75.6mm	
CAXC 1390cc Inline4 DOHC 4v Turbo				09/2007 - On	L4	76.5mm x 75.6mm	
CNVA 1390cc Inline4 DOHC 4v Turbo				05/2010 - On	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	F810	5543A UL
			53.978/2.1251	59.019/2.3236			
<b>2T1644</b> STD	<b>THRUST</b>		59.500/2.3425	73.000/2.8740		F817	1644T UL
			59.700/2.3504	73.200/2.8819			

72 Engine				Year	Cyl	Bore x Stroke	72	
BAD 1598cc Inline4 DOHC 4v				05/2002 - 08/2005	L4	76.5mm x 86.9mm		
BLF 1598cc Inline4 DOHC 4v				01/2005 - 09/2007	L4	76.5mm x 86.9mm		
BLP 1598cc Inline4 DOHC 4v				06/2004 - 12/2004	L4	76.5mm x 86.9mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	
			47.778/1.8810	50.612/1.9926				
<b>4B5544P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F780	
			47.778/1.8810	50.612/1.9926				
			47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5544A L
			47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	F810	5543A UL	
			53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>		59.500/2.3425	73.000/2.8740		F817	1644T UL	
			59.700/2.3504	73.200/2.8819				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174	
			20.033/.7887					



72 Continued ...							72
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4174</b> UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

73 Engine		Year	Cyl	Bore x Stroke	73
AHU 1896cc Inline4 SOHC 2v Turbo Diesel		06/1994 - 09/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1075A</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A
		47.778/1.8810	50.619/1.9929				IH

<b>4B1075P</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075
		47.778/1.8810	50.619/1.9929				IH

<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H
		47.778/1.8810	50.619/1.9929				IH

<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX
		47.778/1.8810	50.619/1.9929				IH

<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609
		47.778/1.8810	50.619/1.9929				U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A
		47.778/1.8810	50.619/1.9929				L

<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
			53.978/2.1251	59.019/2.3236				L
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U	

<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
			53.978/2.1251	59.019/2.3236				L
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U	

<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168

<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>		29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168
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74 Engine		Year	Cyl	Bore x Stroke	74
ATJ 1896cc Inline4 SOHC 2v Turbo Diesel		03/2000 - 09/2001	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537
		47.778/1.8810	50.612/1.9926				L
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D
		47.778/1.8810	50.612/1.9926				U



74 Continued ...							74	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH	
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>5C7004</b> STD	<b>CAMS</b>	1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
<b>2B57006</b> UNB	<b>AUX</b>	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

75 Engine				Year	Cyl	Bore x Stroke	75	
AVB 1896cc Inline4 SOHC 2v Turbo Diesel				05/2001 - 12/2004	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.404/.0553	20.00/.787	F781	5537D U	
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 L	
<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH	
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>5C7004</b> STD	<b>CAMS</b>	1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
<b>2B57006</b> UNB	<b>AUX</b>	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
		2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

<b>75</b>	<b>Continued ...</b>		<b>75</b>
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>				
<b>4RB4168</b>			29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
	<b>PISTON PIN BUSH</b>						
<b>RB4168</b> UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

<b>76</b>	<b>Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>76</b>
	AXR 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2003	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B5537D</b> STD, .25, .50		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926 50.600/1.9921 50.612/1.9926	1.404/.0553  1.403/.0552	20.00/.787  20.00/.787	F781  F780	5537D U 5537 L
	<b>CONROD</b>						
<b>4B5537P</b> STD, .25, .50		50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH
	<b>MAINS</b>						
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F810	5540A UL
	<b>MAINS</b>						
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>CAMS</b>						
<b>5C7004</b> STD	1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>				
<b>4RB4168</b>			29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
	<b>PISTON PIN BUSH</b>						
<b>RB4168</b> UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

<b>77</b>	<b>Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>77</b>
	BKC 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	79.5mm x 95.5mm	
	BLS 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	79.5mm x 95.5mm	
	BXE 1896cc Inline4 SOHC 2v Turbo Diesel	05/2003 - 05/2010	L4	79.5mm x 95.5mm	
	CAYB 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	79.5mm x 80.5mm	
	CAYC 1598cc Inline4 DOHC 4v Turbo Diesel	05/2009 - On	L4	79.5mm x 80.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B5537D</b> STD, .25, .50		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926 50.600/1.9921 50.612/1.9926	1.403/.0552  1.404/.0553	20.00/.787  20.00/.787	F780  F781	5537 L 5537D U
	<b>CONROD</b>						
<b>4B5537P</b> STD, .25, .50		50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH
	<b>MAINS</b>						
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F810	5540A UL





77 Continued ...								77
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL	
<b>2T1644</b> STD	<b>THRUST</b>							
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
78 Engine				Year	Cyl	Bore x Stroke		78
ANB 1781cc Inline4 DOHC 5v Turbo				01/1995 - 01/2005	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>						
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH	
		47.778/1.8810	50.619/1.9929					
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
		47.778/1.8810	50.619/1.9929					
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
		47.778/1.8810	50.619/1.9929					
<b>4B5539D</b> STD, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D U	
		47.778/1.8810	50.612/1.9926					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 L	
		47.778/1.8810	50.612/1.9926					
<b>4B5539P</b> STD, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 IH	
		47.778/1.8810	50.612/1.9926					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U	
		53.978/2.1251	59.019/2.3236					
<b>2T1644</b> STD	<b>THRUST</b>							
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	

79 Engine		Year		Cyl	Bore x Stroke	79	
ARM 1595cc Inline4 SOHC 2v		11/1994 - 09/2001		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>CONROD</b>							
<b>4B5531A</b> STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F810	5531A UL
<b>CONROD</b>							
<b>4B5531P</b> STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F780	5531 UL
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<b>MAINS</b> <i>Half groove in all positions.</i>							
<b>5M5533A</b> STD, .25, .50	1,2,3,4,5	47.958/1.8881 47.978/1.8889	53.000/2.0866 53.010/2.0870	2.508/.0987	18.50/.728	F810	5533A UL
<b>THRUST</b>							
<b>2T5533</b> STD		53.500/2.1063 53.750/2.1161	65.550/2.5807 65.800/2.5905		2.48/.097	F817	5533T UL
<b>THRUST</b>							
<b>2T5535</b> STD		59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

80 Engine		Year		Cyl	Bore x Stroke	80	
CR 1588cc Inline4 SOHC 2v Diesel		08/1980 - 07/1982		L4	76.5mm x 86.4mm		
CY 1588cc Inline4 SOHC 2v Turbo Diesel		08/1981 - 03/1987		L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606A.</i>							
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606P.</i>							
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH





80		Continued ...						80	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>5M1643A</b> STD, .25, .50, .75, 1.00									
<b>MAINS</b> <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
<b>5M1643P</b> STD, .25, .50, .75, 1.00									
<b>MAINS</b> <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U		
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L		
<b>5M1644A</b> STD, .25, .50, .75, 1.00									
<b>MAINS</b> <i>Full groove on #4 position only. Requires thrustwashers.</i>									
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
<b>RACE SERIES</b>									
<b>5M1644H</b> STD, .25, .50									
<b>MAINS</b> <i>Full groove on #4 position only. Requires thrustwashers.</i>									
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L		
<b>RACE SERIES</b>									
<b>5M1644HX</b> STD									
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>									
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L		
<b>5M1654A</b> STD, .25, .50, .75, 1.00									
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL		
<b>5M1654P</b> STD, .25, .50, .75, 1.00									
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U		
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L		
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL		
<b>2T1644</b> STD									
<b>THRUST</b>									
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		

80 Continued ...							80
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C7008</b> STD	<b>CAMS</b>						
	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
<b>4RB4172</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
<b>RB4172</b> UNB	<b>PISTON PIN BUSH</b>						
			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172

81	Engine	Year	Cyl	Bore x Stroke	81
	JK 1588cc Inline4 SOHC 2v Diesel	08/1982 - 07/1989	L4	76.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b> <i>Has one oil hole.</i>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH		
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b> <i>Has one oil hole.</i>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH		
<b>4B5534A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b> <i>No Hole. To be superceded by 4B1606A.</i>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH		
<b>4B5534P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b> <i>No Hole. To be superceded by 4B1606P.</i>								
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH		
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
		1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
		4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>5M1643P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
		1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
			1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
			4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
		<b>5M1644A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>					
			1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
1,2,3,5				53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
			4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50				<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>					
			1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
		1,2,3,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L





81 Continued ...							81
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644H</b> STD, .25, .50	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	<b>MAINS</b>	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
	<b>MAINS</b>	<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>5C7008</b> STD	<b>CAMS</b> 1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
<b>RB4172</b> UNB	<b>PISTON PIN BUSH</b>		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172

82 Engine	Year	Cyl	Bore x Stroke	82			
ZA 1297cc Inline4 SOHC 2v	05/1972 - 07/1978	L4	75.0mm x 73.4mm				
ZF 1297cc Inline4 SOHC 2v	05/1972 - 07/1978	L4	75.0mm x 73.4mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1636A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells.</i>					
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has plain shells.</i>					
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L



82		Continued ...						82
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1643A</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
	<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>PISTON PIN BUSH</b>								
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053	

83		Engine	Year	Cyl	Bore x Stroke	83	
		CDLA 1984cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	82.5mm x 92.8mm		
		CDLC 1984cc Inline4 DOHC 4v Turbo	07/2008 - 07/2012	L4	82.5mm x 92.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
<b>THRUST</b>							
<b>2T5535</b> STD		59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL





84	Engine	Year	Cyl	Bore x Stroke	84
	AFB 2496cc V6 DOHC 4v Turbo Diesel	04/1997 - 06/2000	V6	78.3mm x 86.4mm	
	AKE 2496cc V6 DOHC 4v Turbo Diesel	11/1999 - 08/2003	V6	78.3mm x 78.3mm	
	AKN 2496cc V6 DOHC 4v Turbo Diesel	11/1997 - 09/2002	V6	78.3mm x 86.4mm	
	AYM 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 06/2002	V6	78.3mm x 86.4mm	
	BAU 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 08/2005	V6	78.3mm x 86.4mm	
	BCZ 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	78.3mm x 86.4mm	
	BDG 2496cc V6 DOHC 4v Turbo Diesel	02/2003 - 05/2006	V6	78.3mm x 86.4mm	
	BDH 2496cc V6 DOHC 4v Turbo Diesel	12/2000 - 01/2005	V6	78.3mm x 86.4mm	
	BFC 2496cc V6 DOHC 4v Turbo Diesel	07/2002 - 08/2003	V6	78.3mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Bearings have 4 slots.</i>							
<b>4M5547P</b> STD, .25, .50	1,2,3,4	64.459/2.5378	70.000/2.7559	2.758/.1086	18.50/.728	F780	5547 UL
		64.478/2.5385	70.019/2.7566				
<b>MAINS</b> <i>Bearings have one oil hole.</i>							
<b>4M5548P</b> STD, .25, .50	1,2,3,4	64.959/2.5574	70.000/2.7559	2.508/.0987	18.50/.728	F780	5548 UL
		64.978/2.5582	70.019/2.7566				
<b>THRUST</b>							
<b>2T5547</b> STD		70.500/2.7756	84.650/3.3327		1.97/.077	F817	5547T UL
		70.750/2.7854	84.900/3.3425				

85	Engine	Year	Cyl	Bore x Stroke	85
	AAH 2771cc V6 SOHC 2v	12/1990 - 08/2000	V6	82.5mm x 86.4mm	
	ABC 2598cc V6 SOHC 2v	03/1992 - 08/2000	V6	82.5mm x 81.0mm	
	ACK 2771cc V6 DOHC 5v	07/1995 - 05/2001	V6	82.5mm x 86.4mm	
	ACZ 2598cc V6 SOHC 2v	01/1993 - 12/1999	V6	82.5mm x 81.0mm	
	AEJ 2771cc V6 SOHC 2v	06/1994 - 10/1997	V6	82.5mm x 86.4mm	
	AFC 2771cc V6 SOHC 2v	08/1994 - 06/1995	V6	82.5mm x 86.4mm	
	AFM 2393cc V6 DOHC 5v	07/1995 - 10/1997	V6	81.0mm x 77.4mm	
	AGB 2671cc V6 DOHC 5v Turbo	10/1997 - 09/2001	V6	81.0mm x 86.4mm	
	AGE 2771cc V6 DOHC 5v	10/1997 - 05/2000	V6	82.5mm x 86.4mm	
	AJK 2671cc V6 DOHC 5v Turbo	02/1999 - 08/2000	V6	81.0mm x 86.4mm	
	ALG 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	82.5mm x 86.4mm	
	AMX 2771cc V6 DOHC 5v	04/1997 - 09/2002	V6	82.5mm x 86.4mm	
	APR 2771cc V6 DOHC 5v	04/1997 - 08/2001	V6	82.5mm x 86.4mm	
	AQD 2771cc V6 DOHC 5v	04/1997 - 05/2001	V6	82.5mm x 86.4mm	
	ARE 2671cc V6 DOHC 5v Turbo	05/2000 - 06/2002	V6	81.0mm x 86.4mm	
	ASN 2976cc V6 DOHC 5v	12/2000 - 10/2005	V6	82.5mm x 92.8mm	
	ATX 2771cc V6 DOHC 5v	03/1999 - 01/2005	V6	82.5mm x 86.4mm	
	AVK 2976cc V6 DOHC 5v	09/2001 - 06/2002	V6	82.5mm x 92.8mm	
	AZA 2671cc V6 DOHC 5v Turbo	09/2000 - 05/2001	V6	81.0mm x 86.4mm	
	AZB 2671cc V6 DOHC 5v Turbo	11/2000 - 09/2001	V6	81.0mm x 86.4mm	
	BBG 2771cc V6 DOHC 5v	07/1999 - 01/2005	V6	82.5mm x 86.4mm	
	BBJ 2976cc V6 DOHC 5v	06/2001 - 07/2006	V6	82.5mm x 92.8mm	
	BES 2671cc V6 DOHC 5v Turbo	07/2002 - 08/2005	V6	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B5546P</b> STD, .25, .50		53.958/2.1243	57.600/2.2677	1.806/.0711	17.00/.669	F780	5546 IH
		53.978/2.1251	57.612/2.2682				
<b>MAINS</b> <i>Bearings have 4 slots.</i>							
<b>4M5547P</b> STD, .25, .50	1,2,3,4	64.459/2.5378	70.000/2.7559	2.758/.1086	18.50/.728	F780	5547 UL
		64.478/2.5385	70.019/2.7566				
<b>MAINS</b> <i>Bearings have one oil hole.</i>							
<b>4M5548P</b> STD, .25, .50	1,2,3,4	64.959/2.5574	70.000/2.7559	2.508/.0987	18.50/.728	F780	5548 UL
		64.978/2.5582	70.019/2.7566				
<b>THRUST</b>							
<b>2T5547</b> STD		70.500/2.7756	84.650/3.3327		1.97/.077	F817	5547T UL
		70.750/2.7854	84.900/3.3425				



**85 Continued ... 85**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4175</b> UNB		20.995/.8266 21.000/.8268	23.000/.9055 23.021/.9063		22.00/.866	F100	6RB4175
<b>PISTON PIN BUSH</b>							
<b>RB4175</b> UNB		20.995/.8266 21.000/.8268	23.000/.9055 23.021/.9063		22.00/.866	F100	RB4175

**86 Engine Year Cyl Bore x Stroke 86**

AGA 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	81.0mm x 77.4mm
AJG 2393cc V6 DOHC 5v	04/1997 - 01/1999	V6	81.0mm x 77.4mm
ALF 2393cc V6 DOHC 5v	04/1997 - 09/2001	V6	81.0mm x 77.4mm
ALW 2393cc V6 DOHC 5v	08/1997 - 01/1999	V6	81.0mm x 77.4mm
AML 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	81.0mm x 77.4mm
AMM 2393cc V6 DOHC 5v	06/2000 - 10/2005	V6	81.0mm x 77.4mm
APC 2393cc V6 DOHC 5v	04/1998 - 05/2001	V6	81.0mm x 77.4mm
APS 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	81.0mm x 77.4mm
APZ 2393cc V6 DOHC 5v	08/1998 - 05/2001	V6	81.0mm x 77.4mm
ARJ 2393cc V6 DOHC 5v	08/1998 - 09/2001	V6	81.0mm x 77.4mm
ARN 2393cc V6 DOHC 4v	08/1997 - 05/2001	V6	81.0mm x 77.4mm
ASM 2393cc V6 DOHC 5v	06/2000 - 01/2005	V6	81.0mm x 77.4mm
BDV 2393cc V6 DOHC 5v	06/2001 - 10/2005	V6	81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B5546A</b> STD, .25, .50		49.978/1.9676 49.958/1.9668	53.216/2.0951 53.200/2.0945	1.606/.0632	17.00/.669	F810	5546A IH
<b>MAINS</b>							
<b>4M5549A</b> STD, .25, .50	1,2,3,4	57.959/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.507/.0987	18.50/.728	F810	5549A UL
<b>THRUST</b>							
<b>2T5549</b> STD		63.500/2.5000 63.750/2.5098	76.750/3.0216 77.000/3.0315		1.97/.077	F817	5549T UL
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4175</b> UNB		20.995/.8266 21.000/.8268	23.000/.9055 23.021/.9063		22.00/.866	F100	6RB4175
<b>PISTON PIN BUSH</b>							
<b>RB4175</b> UNB		20.995/.8266 21.000/.8268	23.000/.9055 23.021/.9063		22.00/.866	F100	RB4175

**87 Engine Year Cyl Bore x Stroke 87**

ADR 1781cc Inline4 DOHC 5v	11/1994 - 08/2000	L4	81.0mm x 86.4mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U





87 Continued ...							87			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L			
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L			
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U			
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L			
<b>5M1644HX</b> STD	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L			
	<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U			
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L			
<b>5M1653A</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L			
	<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L			
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U			
<b>2T1644</b> STD	<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L			
<b>2B57006</b> UNB	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U			
	<b>THRUST</b>									
<b>4RB4171</b> UNB	<b>THRUST</b>									
	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819					1.98/.078	F817	1644T UL	
<b>2B57006</b> UNB	<b>AUX</b>									
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120					15.00/.591	F23	7006
<b>RB4171</b> UNB	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726					15.00/.591	F23	7007
	<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>									
			23.000/.9055 23.021/.9063					25.00/.984	F100	4RB4171
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>							
			23.000/.9055 23.021/.9063					25.00/.984	F100	RB4171

88 Engine				Year	Cyl	Bore x Stroke	88	
AEB 1781cc Inline4 DOHC 5v Turbo				01/1995 - 01/1999	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5539D</b> STD, .25, .50	<b>CONROD</b>							
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U
	<b>CONROD</b>							
<b>4B5539P</b> STD, .25, .50			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH
	<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	



88 Continued ...							88
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

89 Engine				Year	Cyl	Bore x Stroke	89
AJL 1781cc Inline4 DOHC 5v Turbo				08/1997 - 01/2005	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
	<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>				
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L





89		Continued ...						89	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>5M1644A</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L		
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L		
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U		
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L		
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L		
<b>5M1653A</b> STD, .25, .50, .75, 1.00		<i>Half Groove Set. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L		
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U		
<b>5M1653P</b> STD, .25, .50, .75, 1.00		<i>Half Groove Set. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L		
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U		
<b>5M1668A</b> STD, .25, .50, .75		<i>Half Groove Set. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U		
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L		
<b>2T1644</b> STD		<b>THRUST</b>		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819	1.98/.078	F817	1644T UL	
<b>4RB4171</b> UNB		<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
<b>RB4171</b> UNB		<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

90		Engine	Year	Cyl	Bore x Stroke	90	
		BDW 2393cc V6 DOHC 4v	10/2004 - 10/2008	V6	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B5546A</b> STD, .25, .50		<b>CONROD</b>					
		49.978/1.9676 49.958/1.9668	53.216/2.0951 53.200/2.0945	1.606/.0632	17.00/.669	F810	5546A IH
<b>2T5549</b> STD		<b>THRUST</b>					
		63.500/2.5000 63.750/2.5098	76.750/3.0216 77.000/3.0315		1.97/.077	F817	5549T UL

# Bedford



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1057cc Inline4 OHV 2v	01/1964 - On	L4	1057	64	1
1975cc Inline4 SOHC 2v	01/1968 - 12/1972	L4	1975	120	2
2279cc Inline4 SOHC 2v	01/1972 - 12/1984	L4	2279	139	2
214ci Inline6 OHV 2v	01/1957 - 12/1975	L6	3506	214	8
292ci Inline6 OHV 2v	01/1974 - 01/1978	L6	4785	292	3
300ci Inline6 OHV 2v	01/1957 - 01/1976	L6	4916	300	4
300ci Inline6 OHV 2v Diesel	01/1957 - 01/1970	L6	4916	300	5
330ci Inline6 OHV 2v Diesel	01/1964 - 01/1975	L6	5407	330	5
381ci Inline6 OHV 2v Diesel	11/1966 - 12/1972	L6	6243	381	6
466ci Inline6 OHV 2v Diesel	11/1966 - 12/1975	L6	7636	466	6
500ci Inline6 OHV 2v Diesel	01/1975 - 12/1981	L6	8193	500	7



1 Engine				Year	Cyl	Bore x Stroke	1
1057cc Inline4 OHV 2v				01/1964 - On	L4	74.3mm x 61.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5121A</b> STD, 010, 020, 030, 040		44.971/1.7705	48.158/1.8960	1.570/.0618	19.20/.756	F820	5121AL
		44.988/1.7712	48.171/1.8965				IH
<b>MAINS</b> <i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>							
<b>3M5123A</b> STD, 010, 020, 030, 040	1,3	53.988/2.1255	58.000/2.2835	1.994/.0785	25.57/1.007	F820	5122AL
		54.000/2.1260	58.014/2.2840				IH
	2	53.988/2.1255	58.000/2.2835	1.989/.0783	32.74/1.289	F820	5123AL(F)
		54.000/2.1260	58.014/2.2840				UL
<b>CAMS</b>							
<b>3C5126</b> STD	1	40.963/1.6127	44.000/1.7323	1.486/.0585	21.00/.827	F23	5126
		40.975/1.6132	44.025/1.7333				
	2	40.462/1.5930	43.500/1.7126	1.486/.0585	21.00/.827	F23	5127
		40.475/1.5935	43.525/1.7136				
	3	39.962/1.5733	43.000/1.6929	1.486/.0585	21.00/.827	F23	5128
		39.974/1.5738	43.025/1.6939				

2 Engine				Year	Cyl	Bore x Stroke	2
1975cc Inline4 SOHC 2v				01/1968 - 12/1972	L4	95.3mm x 69.2mm	
2279cc Inline4 SOHC 2v				01/1972 - 12/1984	L4	97.5mm x 76.2mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1346P</b> STD, 010, 020, 030		50.737/1.9975	54.508/2.1460	1.862/.0733	23.70/.933	F780	1346
		50.762/1.9985	54.521/2.1465				IH
<b>MAINS</b>							
<b>5M1347P</b> STD, 010, 020, 030	1,2,4	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1347
		63.512/2.5005	67.716/2.6660				IH
	3	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1348
		63.512/2.5005	67.716/2.6660				IH
	5	63.487/2.4995	67.704/2.6655	2.083/.0820	34.01/1.339	F780	1349(F)
		63.512/2.5005	67.716/2.6660				IH
<b>PISTON PIN BUSH</b>							
<b>RB889</b>		22.007/.8664	25.387/.9995	1.854/.0730	29.97/1.180	F100	RB889
		22.009/.8665	25.400/1.0000				

3 Engine				Year	Cyl	Bore x Stroke	3
292ci Inline6 OHV 2v				01/1974 - 01/1978	L6	3.88in x 4.13in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B663A</b> STD, 010, 020, 030, 040		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>							
<b>7M2392</b> STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F780	2393(F)
		58.402/2.2993	63.287/2.4916				UL
<b>MAINS</b> <i>Standard width flanges for all undersizes.</i>							
<b>7M617A</b> STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
<b>CAMS</b> <i>= 4C718S</i>							
<b>4C5157</b> STD	1,2,3,4	47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				



# Bedford



4 Engine		Year		Cyl	Bore x Stroke	4	
300ci Inline6 OHV 2v		01/1957 - 01/1976		L6	3.88in x 4.25in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2310A</b> STD, 010, 020, 030, 040, 050,		60.300/2.3740	63.995/2.5195	1.811/.0713	29.76/1.172	F820	2310AL
		60.325/2.3750	64.008/2.5200				IH
<b>MAINS</b>							
<b>7M2316</b> STD, 010, 020, 030, 040	1	69.837/2.7495	74.079/2.9165	2.083/.0820	34.41/1.355	F820	2316AL
		69.850/2.7500	74.092/2.9170				IH
	2,3,5,6	69.837/2.7495	74.079/2.9165	2.083/.0820	27.10/1.067	F820	2318AL
		69.850/2.7500	74.092/2.9170				IH
	4	69.837/2.7495	74.079/2.9165	2.083/.0820	35.30/1.390	F820	2317AL
		69.850/2.7500	74.092/2.9170				IH
	7	69.837/2.7495	74.079/2.9165	2.083/.0820	31.11/1.225	F820	2319AL
		69.850/2.7500	74.092/2.9170				IH
<b>THRUST</b>							
<b>2T2316</b> STD, 005		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2316T
		77.850/3.0650	90.475/3.5620				UL
<b>THRUST</b>							
<b>2T2319</b> STD, 006		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2319T
		77.850/3.0650	90.475/3.5620				UL
<b>CAMS</b>							
<b>4C5026</b> STD	1	54.262/2.1363	57.391/2.2595	1.544/.0608	36.78/1.448	F23	5026
		54.275/2.1368	57.404/2.2600				
	2	51.976/2.0463	55.105/2.1695	1.544/.0608	25.65/1.010	F23	5027
		51.989/2.0468	55.118/2.1700				
	3	50.884/2.0033	54.000/2.1260	1.544/.0608	25.65/1.010	F23	5028
		50.897/2.0038	54.025/2.1270				
	4	50.122/1.9733	55.093/2.1690	2.471/.0973	32.79/1.291	F23	5029
		50.135/1.9738	55.118/2.1700				
<b>PISTON PIN BUSH</b> <i>Suits Petrol Engines only.</i>							
<b>RB882</b>		25.324/.9970	28.575/1.1250	1.740/.0685	35.30/1.390	F100	RB882
		25.400/1.0000	28.588/1.1255				
<b>ROCKER ARM BUSH</b>							
<b>B886</b>		22.212/.8745	24.168/.9515		10.56/.416	F100	B886
		22.225/.8750	24.397/.9605				

5 Engine		Year		Cyl	Bore x Stroke	5	
300ci Inline6 OHV 2v Diesel		01/1957 - 01/1970		L6	3.88in x 4.25in		
330ci Inline6 OHV 2v Diesel		01/1964 - 01/1975		L6	4.06in x 4.25in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2310A</b> STD, 010, 020, 030, 040, 050,		60.300/2.3740	63.995/2.5195	1.811/.0713	29.76/1.172	F820	2310AL
		60.325/2.3750	64.008/2.5200				IH
<b>MAINS</b>							
<b>7M2316</b> STD, 010, 020, 030, 040	1	69.837/2.7495	74.079/2.9165	2.083/.0820	34.41/1.355	F820	2316AL
		69.850/2.7500	74.092/2.9170				IH
	2,3,5,6	69.837/2.7495	74.079/2.9165	2.083/.0820	27.10/1.067	F820	2318AL
		69.850/2.7500	74.092/2.9170				IH
	4	69.837/2.7495	74.079/2.9165	2.083/.0820	35.30/1.390	F820	2317AL
		69.850/2.7500	74.092/2.9170				IH
	7	69.837/2.7495	74.079/2.9165	2.083/.0820	31.11/1.225	F820	2319AL
		69.850/2.7500	74.092/2.9170				IH
<b>THRUST</b>							
<b>2T2316</b> STD, 005		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2316T
		77.850/3.0650	90.475/3.5620				UL
<b>THRUST</b>							
<b>2T2319</b> STD, 006		77.600/3.0551	90.220/3.5520		2.36/.093	F250	2319T
		77.850/3.0650	90.475/3.5620				UL



5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b>							
<b>4C5026</b> STD	1	54.262/2.1363	57.391/2.2595	1.544/.0608	36.78/1.448	F23	5026
		54.275/2.1368	57.404/2.2600				
	2	51.976/2.0463	55.105/2.1695	1.544/.0608	25.65/1.010	F23	5027
		51.989/2.0468	55.118/2.1700				
	3	50.884/2.0033	54.000/2.1260	1.544/.0608	25.65/1.010	F23	5028
		50.897/2.0038	54.025/2.1270				
	4	50.122/1.9733	55.093/2.1690	2.471/.0973	32.79/1.291	F23	5029
		50.135/1.9738	55.118/2.1700				
<b>PISTON PIN BUSH</b> <i>Suits Diesel Engines only.</i>							
<b>RB912</b>		34.912/1.3745	38.100/1.5000	1.630/.0642	35.05/1.380	F100	RB912
		34.925/1.3750	38.125/1.5010				
<b>ROCKER ARM BUSH</b>							
<b>B886</b>		22.212/.8745	24.168/.9515		10.56/.416	F100	B886
		22.225/.8750	24.397/.9605				

6 Engine				Year	Cyl	Bore x Stroke	6
381ci Inline6 OHV 2v Diesel				11/1966 - 12/1972	L6	4.13in x 4.75in	
466ci Inline6 OHV 2v Diesel				11/1966 - 12/1975	L6	4.56in x 4.75in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2366</b> STD, 010, 020, 030, 040		63.462/2.4985	67.208/2.6460	1.836/.0723	35.05/1.380	F780	2366 IH
		63.487/2.4995	67.221/2.6465				
<b>MAINS</b>							
<b>7M2337</b> STD, 010, 020, 030, 040	1,7	88.862/3.4985	93.116/3.6660	2.088/.0822	34.54/1.360	F780	2337 IH
		88.887/3.4995	93.142/3.6670				
	2,3,5,6	88.862/3.4985	93.116/3.6660	2.088/.0822	29.46/1.160	F780	2338 IH
		88.887/3.4995	93.142/3.6670				
	4	88.862/3.4985	93.116/3.6660	2.088/.0822	38.10/1.500	F780	2339 IH
		88.887/3.4995	93.142/3.6670				
<b>THRUST</b>							
<b>2T2367</b> STD, 005		98.550/3.8799	114.170/4.4949		2.36/.093	F250	2367T UL
		98.810/3.8901	114.430/4.5051				
<b>CAMS</b>							
<b>4C5166</b> STD	1	54.254/2.1360	57.417/2.2605	1.549/.0610	36.83/1.450	F23	5166
		54.267/2.1365	57.468/2.2625				
	2	53.696/2.1140	56.858/2.2385	1.549/.0610	25.65/1.010	F23	5167
		53.708/2.1145	56.909/2.2405				
	3	53.111/2.0910	56.274/2.2155	1.549/.0610	25.65/1.010	F23	5168
		53.124/2.0915	56.325/2.2175				
	4	50.114/1.9730	55.131/2.1705	2.477/.0975	32.77/1.290	F23	5169
		50.127/1.9735	55.182/2.1725				
<b>PISTON PIN BUSH</b>							
<b>RB4016</b> UNB		38.100/1.5000	41.270/1.6248	1.800/.0709	41.40/1.630	F100	RB4016
		38.100/1.5000	41.293/1.6257				
<b>ROCKER ARM BUSH</b>							
<b>B886</b>		22.212/.8745	24.168/.9515		10.56/.416	F100	B886
		22.225/.8750	24.397/.9605				

7 Engine				Year	Cyl	Bore x Stroke	7
500ci Inline6 OHV 2v Diesel				01/1975 - 12/1981	L6	4.56in x 5.10in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2330P</b> STD, 010, 020, 030		69.812/2.7485	73.609/2.8980	1.862/.0733	35.05/1.380	F780	2330 UL
		69.837/2.7495	73.622/2.8985				
<b>CONROD</b> <i>To Engine No. 7235066 &amp; Short Motor To 824883 (1975-5/79).</i>							
<b>6B2336P</b> STD, 010, 020, 030		69.812/2.7485	73.609/2.8980	1.862/.0733	35.05/1.380	F780	2336 UL
		69.837/2.7495	73.622/2.8985				

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7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M2337</b> STD, 010, 020, 030, 040	<b>MAINS</b>						
	1,7	88.862/3.4985 88.887/3.4995	93.116/3.6660 93.142/3.6670	2.088/.0822	34.54/1.360	F780	2337 IH
	2,3,5,6	88.862/3.4985 88.887/3.4995	93.116/3.6660 93.142/3.6670	2.088/.0822	29.46/1.160	F780	2338 IH
	4	88.862/3.4985 88.887/3.4995	93.116/3.6660 93.142/3.6670	2.088/.0822	38.10/1.500	F780	2339 IH
	<b>THRUST</b>						
<b>2T2367</b> STD, 005	98.550/3.8799 98.810/3.8901		114.170/4.4949 114.430/4.5051		2.36/.093	F250	2367T UL
	<b>CAMS</b>						
<b>4C5166</b> STD	1	54.254/2.1360 54.267/2.1365	57.417/2.2605 57.468/2.2625	1.549/.0610	36.83/1.450	F23	5166
	2	53.696/2.1140 53.708/2.1145	56.858/2.2385 56.909/2.2405	1.549/.0610	25.65/1.010	F23	5167
	3	53.111/2.0910 53.124/2.0915	56.274/2.2155 56.325/2.2175	1.549/.0610	25.65/1.010	F23	5168
	4	50.114/1.9730 50.127/1.9735	55.131/2.1705 55.182/2.1725	2.477/.0975	32.77/1.290	F23	5169
	<b>PISTON PIN BUSH</b> <i>To Eng # 7235066 &amp; 824883 (1975-5/79).</i>						
<b>RB4063</b> UNB	44.445/1.7498 44.450/1.7500		47.620/1.8748 47.643/1.8757	1.800/.0709	41.40/1.630	F100	RB4063

8 Engine				Year	Cyl	Bore x Stroke	8
214ci Inline6 OHV 2v				01/1957 - 12/1975	L6	3.38in x 4.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2351P</b> STD, 010, 020, 030, 040	<b>CONROD</b>						
	53.213/2.0950 53.238/2.0960		56.413/2.2210 56.426/2.2215	1.572/.0619	29.56/1.164	F780	2351 IH
<b>4M1939P</b> STD, 010, 020, 030, 040	<b>MAINS</b>						
	1	53.404/2.1025 53.429/2.1035	57.130/2.2492 57.150/2.2500	1.829/.0720	45.41/1.788	F780	1939 IH
	2	57.366/2.2585 57.391/2.2595	61.092/2.4052 61.112/2.4060	1.829/.0720	30.05/1.183	F780	1940 IH
	3	58.153/2.2895 58.179/2.2905	61.879/2.4362 61.900/2.4370	1.829/.0720	30.15/1.187	F780	1941 IH
	4	58.966/2.3215 58.992/2.3225	62.692/2.4682 62.713/2.4690	1.829/.0720	56.54/2.226	F780	1942 UL
<b>2T1939</b> STD	62.611/2.4650 62.865/2.4750		75.946/2.9900 76.200/3.0000		3.43/.135	F250	1939T UL
	<b>THRUST</b>						
<b>4C5137</b> STD	<b>CAMS</b>						
	1	46.203/1.8190 46.215/1.8195	49.352/1.9430 49.365/1.9435	1.574/.0620	45.34/1.785	F23	3130
	2	45.420/1.7882 45.433/1.7887	48.544/1.9112 48.570/1.9122	1.574/.0620	30.41/1.197	F23	5137
	3	44.628/1.7570 44.640/1.7575	47.777/1.8810 47.790/1.8815	1.549/.0610	30.41/1.197	F23	3132
	4	39.700/1.5630 39.713/1.5635	42.850/1.6870 42.862/1.6875	1.574/.0620	34.29/1.350	F23	3133
<b>RB895</b>	<b>PISTON PIN BUSH</b>						
	20.630/.8122 20.638/.8125		23.800/.9370 23.813/.9375	1.730/.0681	31.75/1.250	F100	RB895





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
R50 (Toyota 1ND-TV) 1364cc Inline4 SOHC 2v Turbo Diesel	01/2001 - 12/2006	L4	1364	83	16
M10B15 1499cc Inline4 SOHC 2v	10/1962 - 12/1977	L4	1499	91	2
M10B16 1573cc Inline4 SOHC 2v	09/1963 - 12/1991	L4	1573	95	2
M40B16 1596cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	1596	97	8
N40B16A 1596cc Inline4 DOHC 4v	06/2002 - 02/2005	L4	1596	97	11
N45B16 1596cc Inline4 DOHC 4v	06/2002 - 12/2011	L4	1596	97	11
N45B16 TU2 1596cc Inline4 DOHC 4v	02/2006 - 12/2011	L4	1596	97	11
N45B16A 1596cc Inline4 DOHC 4v	06/2002 - 09/2012	L4	1596	97	11
M43B16 1596cc Inline4 SOHC 2v	09/1990 - 02/2005	L4	1600	97	8
M41D17 1665cc Inline4 SOHC 2v Diesel	09/1994 - 08/2000	L4	1665	101	9
M10B18 1766cc Inline4 SOHC 2v	01/1969 - 12/1990	L4	1766	107	2
M40B18 1796cc Inline4 SOHC 2v	09/1987 - 08/1998	L4	1796	109	8
M42B18 1796cc Inline4 DOHC 4v	09/1989 - 02/1998	L4	1796	109	8
M43B18 1796cc Inline4 SOHC 2v	08/1989 - 10/1999	L4	1796	109	8
N42B18 1796cc Inline 4 DOHC 4v	06/2001 - 02/2005	L4	1796	109	11
N46B18 1796cc Inline4 DOHC 4v	02/2002 - 02/2005	L4	1796	109	11
N46B18A 1796cc Inline4 DOHC 4v	06/2001 - 02/2005	L4	1796	109	11
M43B19 (TU) 1895cc Inline4 SOHC 2v	02/1998 - 01/2003	L4	1895	115	8
M44B19 1895cc Inline4 DOHC 4v	07/1995 - 08/2000	L4	1895	115	8
M47D20 1951cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 07/2003	L4	1951	119	10
M47TUD20 1951cc Inline4 DOHC 4v Turbo Diesel	09/2001 - 05/2005	L4	1951	119	10
M10B20 1990cc Inline4 SOHC 2v Turbo	01/1974 - 07/1975	L4	1990	121	2
S14/7 1990cc Inline4 DOHC 4v	01/1988 - 12/1991	L4	1990	121	7
S14B20 1990cc Inline4 DOHC 4v	01/1987 - 12/1990	L4	1990	121	13
M10B20 1991cc Inline4 SOHC 2v	01/1965 - 12/1979	L4	1991	121	2
M20B20 1991cc Inline6 SOHC 2v	09/1977 - 12/1993	L6	1991	121	12
M50B20 1991cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	1991	121	12
M50B20TU 1991cc Inline6 DOHC 4v	09/1992 - 09/1999	L6	1991	121	12
M52B20 1991cc Inline6 DOHC 4v	09/1990 - 05/2004	L6	1991	121	12
M52B20TU 1991cc Inline6 DOHC 4v	01/1998 - 12/2001	L6	1991	121	12
M47TU2D20 1995cc Inline4 DOHC 4v Turbo Diesel	09/2004 - 08/2008	L4	1995	121	17
N42B20 1995cc Inline 4 DOHC 4v	09/2001 - 02/2005	L4	1995	121	11
N46B20 1995cc Inline4 DOHC 4v	09/2001 - 08/2007	L4	1995	121	11
N46B20A 1995cc Inline4 DOHC 4v	09/2001 - 09/2012	L4	1995	121	11
N46B20B 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	1995	121	11
N46B20C 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	1995	121	11
N46NB20B 1995cc Inline4 DOHC 4v	11/2006 - 08/2007	L4	1995	121	11
N47D20A 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	1995	121	22
N47D20B 1995cc Inline4 DOHC 4v Turbo Diesel	03/2007 - On	L4	1995	121	22
N47D20C 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	1995	121	22
N47S D20D 1995cc Inline4 DOHC 4v Turbo Diesel	10/2009 - On	L4	1995	121	22
N45B20A 1997cc Inline4 DOHC 4v	05/2006 - 12/2011	L4	1997	121	11
M54B22 2171cc Inline6 DOHC 4v	08/2000 - 03/2010	L6	2171	132	12
S14B23 2302cc Inline4 DOHC 4v	01/1986 - 12/1990	L4	2302	140	13
M20B23 2315cc Inline6 SOHC 2v	01/1978 - 12/1986	L6	2315	141	12
M21D24 W 2443cc Inline6 SOHC 2v Diesel	09/1985 - 08/1991	L6	2443	149	3
M21D24 WA 2443cc Inline6 SOHC 2v Turbo Diesel	09/1983 - 09/1995	L6	2443	149	3
S14B25 2467cc Inline4 DOHC 4v	01/1989 - 12/1990	L4	2467	150	13
M20B25 2494cc Inline6 SOHC 2v	09/1983 - 10/1993	L6	2494	152	12
M50B25 2494cc Inline6 DOHC 4v	01/1988 - 04/1999	L6	2494	152	12
M50B25TU 2494cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	2494	152	12
M52B25 2494cc Inline6 DOHC 4v	08/1989 - 09/2000	L6	2494	152	12
M52B25TU 2494cc Inline6 DOHC 4v	11/1995 - 09/2000	L6	2494	152	12
M54B25 2494cc Inline6 DOHC 4v	09/2000 - 03/2010	L6	2494	152	12
M30B25 2496cc Inline6 SOHC 2v	01/1968 - 12/1986	L6	2496	152	1
M57D25 2497cc Inline6 DOHC 4v Turbo Diesel	02/2000 - 05/2004	L6	2497	152	4
M57N 256 D4 2497cc Inline6 DOHC 4v Turbo Diesel	06/2004 - On	L6	2497	152	19
N52B25 2497cc Inline6 DOHC 4v	01/2005 - 12/2011	L6	2497	152	14



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
N52B25A 2497cc Inline6 DOHC 4v	01/2005 - 12/2011	L6	2497	152	14
N52B25C 2497cc Inline6 DOHC 4v	09/2005 - 12/2011	L6	2497	152	14
N52NB25A 2497cc Inline6 DOHC 4v	04/2006 - 06/2007	L6	2497	152	14
N53B25A 2497cc Inline6 DOHC 4v	03/2007 - 12/2010	L6	2497	152	14
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel	09/1991 - 06/2003	L6	2498	152	6
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel (Int)	09/1991 - 05/2004	L6	2498	152	6
M20B27 2693cc Inline6 SOHC 2v	01/1981 - 01/1988	L6	2693	164	12
M30B28 2788cc Inline6 SOHC 2v	10/1968 - 12/1987	L6	2788	170	1
M52B28 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	2793	170	12
M52B28TU 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	2793	170	12
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel	08/1998 - 02/2005	L6	2926	178	4
M54B30 2979cc Inline6 DOHC 4v	05/2000 - 03/2010	L6	2979	181	12
M30B30 2986cc Inline6 SOHC 2v	07/1971 - 10/1994	L6	2986	182	1
S50B30 2990cc Inline6 DOHC 4v	01/1992 - 04/1996	L6	2990	182	24
M57D30TU2 2993cc Inline6 DOHC 4v Turbo Diesel	09/2005 - On	L6	2993	182	18
M57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	10/2002 - On	L6	2993	182	20
M57N 306 D4 2993cc Inline6 DOHC 4v Turbo Diesel	12/2003 - On	L6	2993	182	20
N57 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2003 - On	L6	2993	182	23
N57 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	2993	182	23
N57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2005 - On	L6	2993	182	23
N57N 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	2993	182	23
N57N 306 D5 2993cc Inline6 DOHC 4v Turbo Diesel	07/2007 - On	L6	2993	182	23
N52B30 2996cc Inline6 DOHC 4v	09/2004 - 12/2011	L6	2996	182	14
N52B30A 2996cc Inline6 DOHC 4v	09/2004 - 12/2011	L6	2996	182	14
N52NB30A 2996cc Inline6 DOHC 4v	08/2006 - 11/2007	L6	2996	182	14
N52NB30B 2996cc Inline6 DOHC 4v	03/2007 - On	L6	2996	182	14
N53B30 2996cc Inline6 DOHC 4v	01/2007 - 12/2011	L6	2996	182	14
N53B30A 2996cc Inline6 DOHC 4v	01/2007 - On	L6	2996	182	14
M60B30 2997cc V8 DOHC 4v	04/1992 - 11/2001	V8	2997	182	21
S52B32 3152cc Inline6 DOHC 4v	01/1996 - 12/2000	L6	3152	192	25
S50B32 3201cc Inline6 DOHC 4v	10/1995 - 12/2002	L6	3201	195	5
M30B32 3210cc Inline6 SOHC 2v	01/1974 - 08/1986	L6	3210	195	1
M30B32 3210cc Inline6 SOHC 2v Turbo	09/1979 - 04/1983	L6	3210	195	1
S54B32 3246cc Inline6 DOHC 4v	04/2001 - 12/2006	L6	3246	198	26
M30B33 3295cc Inline6 SOHC 2v	01/1974 - 09/1976	L6	3295	201	1
M30B34 3430cc Inline6 SOHC 2v	01/1982 - 12/1988	L6	3430	209	1
M30B35 3430cc Inline6 SOHC 2v	06/1978 - 09/1995	L6	3430	209	1
S38B35 3453cc Inline6 DOHC 4v	03/1984 - 05/1989	L6	3453	210	1
M62B35 3498cc V8 DOHC 4v	01/1996 - 11/2001	V8	3498	213	21
M62TUB35 3498cc V8 DOHC 4v	04/1999 - 06/2003	V8	3498	213	21
S38B36 3535cc Inline6 DOHC 4v	01/1989 - 12/1993	L6	3535	215	1
N62B36 3600cc V8 DOHC 4v	01/2001 - 03/2005	V8	3600	219	15
M60B40 3982cc V8 DOHC 4v	04/1992 - 11/2001	V8	3982	242	21
N62B40 4000cc V8 DOHC 4v	01/2005 - 12/2010	V8	4000	244	15
M62B44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	4398	268	21
M62TUB44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	4398	268	21
N62B44 4398cc V8 DOHC 4v	11/2001 - 03/2010	V8	4398	268	15
N62B48A 4799cc V8 DOHC 4v	02/2004 - On	V8	4799	292	15





1	Engine	Year	Cyl	Bore x Stroke	1
	M30B25 2496cc Inline6 SOHC 2v	01/1968 - 12/1986	L6	86.0mm x 71.6mm	
	M30B28 2788cc Inline6 SOHC 2v	10/1968 - 12/1987	L6	86.0mm x 80.0mm	
	M30B30 2986cc Inline6 SOHC 2v	07/1971 - 10/1994	L6	89.0mm x 80.0mm	
	M30B32 3210cc Inline6 SOHC 2v	01/1974 - 08/1986	L6	89.0mm x 86.0mm	
	M30B32 3210cc Inline6 SOHC 2v Turbo	09/1979 - 04/1983	L6	89.0mm x 86.0mm	
	M30B33 3295cc Inline6 SOHC 2v	01/1974 - 09/1976	L6	89.0mm x 88.3mm	
	M30B34 3430cc Inline6 SOHC 2v	01/1982 - 12/1988	L6	92.0mm x 86.0mm	
	M30B35 3430cc Inline6 SOHC 2v	06/1978 - 09/1995	L6	92.0mm x 86.0mm	
	S38B35 3453cc Inline6 DOHC 4v	03/1984 - 05/1989	L6	93.4mm x 84.0mm	
	S38B36 3535cc Inline6 DOHC 4v	01/1989 - 12/1993	L6	93.4mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1486A</b> STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.989/.0783	20.00/.787	F810	1486A
		47.991/1.8894	52.010/2.0476				IH
<b>CONROD</b>							
<b>6B1506P</b> STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.993/.0785	20.00/.787	F780	1506
		47.991/1.8894	52.010/2.0476				IH
<b>MAINS</b>							
<b>7M1507A</b> STD, .25, .50	1,2,3,5,6,7	59.969/2.3610	64.999/2.5590	2.490/.0980	24.00/.945	F810	1507A
		59.990/2.3618	65.019/2.5598				IH
	4	59.969/2.3610	64.999/2.5590	2.490/.0980	29.95/1.179	F810	1508A(F)
		59.990/2.3618	65.019/2.5598				IH
<b>MAINS</b> <i>Overwidth flanges on undersizes: Std=Std, 0.25=Std+0.20mm 0.50=Std+0.40mm.</i>							
<b>7M1507P</b> STD, .25, .50	1,2,3,5,6,7	59.969/2.3610	64.999/2.5590	2.490/.0980	24.00/.945	F780	1507
		59.990/2.3618	65.019/2.5598				IH
	4	59.969/2.3610	64.999/2.5590	2.490/.0980	29.95/1.179	F780	1508(F)
		59.990/2.3618	65.019/2.5598				IH
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4150</b> UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	6RB4150
			24.021/.9457				
<b>PISTON PIN BUSH</b>							
<b>RB4150</b> UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	RB4150
			24.021/.9457				

2	Engine	Year	Cyl	Bore x Stroke	2
	M10B15 1499cc Inline4 SOHC 2v	10/1962 - 12/1977	L4	82.0mm x 71.0mm	
	M10B16 1573cc Inline4 SOHC 2v	09/1963 - 12/1991	L4	84.0mm x 71.0mm	
	M10B18 1766cc Inline4 SOHC 2v	01/1969 - 12/1990	L4	89.0mm x 71.0mm	
	M10B20 1990cc Inline4 SOHC 2v Turbo	01/1974 - 07/1975	L4	89.0mm x 80.0mm	
	M10B20 1991cc Inline4 SOHC 2v	01/1965 - 12/1979	L4	89.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1486A</b> STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.989/.0783	20.00/.787	F810	1486A
		47.991/1.8894	52.010/2.0476				IH
<b>CONROD</b>							
<b>4B1506P</b> STD, .25, .50, .75, 1.00		47.975/1.8888	52.000/2.0472	1.993/.0785	20.00/.787	F780	1506
		47.991/1.8894	52.010/2.0476				IH
<b>MAINS</b> <i>Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.20mm, 0.50 = Std+0.40mm.</i>							
<b>5M1548A</b> STD, .25, .50	1,2,4,5	54.971/2.1642	60.000/2.3622	2.490/.0980	24.00/.945	F810	1548A
		54.990/2.1650	60.019/2.3629				IH
	3	54.971/2.1642	60.000/2.3622	2.490/.0980	29.94/1.179	F810	1549A
		54.990/2.1650	60.019/2.3629				IH
<b>PISTON PIN BUSH</b> <i>Set of 4</i>							
<b>4RB4150</b> UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	4RB4150
			24.021/.9457				
<b>PISTON PIN BUSH</b>							
<b>RB4150</b> UNB		22.000/.8661	24.000/.9449		24.00/.945	F100	RB4150
			24.021/.9457				

3 Engine		Year		Cyl	Bore x Stroke	3	
M21D24 W 2443cc Inline6 SOHC 2v Diesel		09/1985 - 08/1991		L6	80.0mm x 81.0mm		
M21D24 WA 2443cc Inline6 SOHC 2v Turbo Diesel		09/1983 - 09/1995		L6	80.0mm x 81.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Upper half only is Race plate.</i>					
<b>6B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
<b>CONROD</b>							
<b>6B1579P</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
<b>MAINS</b>		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
<b>RACE SERIES</b>		<i>Half grooved set. Lower half has 2 notches.</i>					
<b>7M1532H</b> STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.488/.0980	24.94/.982	F780	1539H(F)
		59.990/2.3618	65.019/2.5598				UL
<b>RACE SERIES</b>		<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
<b>7M1532HX</b> STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.475/.0974	20.00/.787	F780	1538HX
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.475/.0974	24.94/.982	F780	1539HX(F)
		59.990/2.3618	65.019/2.5598				UL
<b>MAINS</b>		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532P</b> STD, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				UL
<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4151</b> UNB		26.000/1.0236	28.000/1.1024		22.00/.866	F100	6RB4151
			28.021/1.1032				
<b>PISTON PIN BUSH</b>							
<b>RB4151</b> UNB		26.000/1.0236	28.000/1.1024		22.00/.866	F100	RB4151
			28.021/1.1032				

4 Engine		Year		Cyl	Bore x Stroke	4	
M57D25 2497cc Inline6 DOHC 4v Turbo Diesel		02/2000 - 05/2004		L6	80.0mm x 82.8mm		
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel		08/1998 - 02/2005		L6	84.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Upper half only is Race plate.</i>					
<b>6B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
<b>MAINS</b>		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
<b>RACE SERIES</b>		<i>Half grooved set. Lower half has 2 notches.</i>					
<b>7M1532H</b> STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL





4 Continued ...							4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M1532H</b> STD, .025, .25, .50	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
<b>7M1532HX</b> STD	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532P</b> STD, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL
<b>6RB4148</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>					
		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	6RB4148
<b>RB4148</b> UNB	<b>PISTON PIN BUSH</b>						
		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	RB4148

5 Engine				Year	Cyl	Bore x Stroke	5
S50B32 3201cc Inline6 DOHC 4v				10/1995 - 12/2002	L6	86.0mm x 91.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>6B1497H</b> STD, .025, .25		48.975/1.9281 48.991/1.9288	53.000/2.0866 53.015/2.0872	1.993/.0785	18.00/.709	F781	1497H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>6B1497HX</b> STD		48.975/1.9281 48.991/1.9288	53.000/2.0866 53.015/2.0872	1.980/.0780	18.00/.709	F781	1497HX IH
	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches.</i>					
<b>7M1532H</b> STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
<b>7M1532HX</b> STD	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532P</b> STD, .25, .50	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL

6 Engine		Year		Cyl	Bore x Stroke	6	
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel		09/1991 - 06/2003		L6	80.0mm x 82.8mm		
M51D25 2498cc Inline6 SOHC 2v Turbo Diesel (Int)		09/1991 - 05/2004		L6	80.0mm x 82.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Upper half only is Race plate.</i>					
<b>6B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
<b>CONROD</b>							
<b>6B1579P</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
<b>MAINS</b>		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
<b>RACE SERIES</b>		<i>Half grooved set. Lower half has 2 notches.</i>					
<b>7M1532H</b> STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.488/.0980	24.94/.982	F780	1539H(F)
		59.990/2.3618	65.019/2.5598				UL
<b>RACE SERIES</b>		<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
<b>7M1532HX</b> STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.475/.0974	20.00/.787	F780	1538HX
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.475/.0974	24.94/.982	F780	1539HX(F)
		59.990/2.3618	65.019/2.5598				UL
<b>MAINS</b>		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532P</b> STD, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				UL
<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4147</b> UNB		26.995/1.0628	29.000/1.1417		22.20/.874	F100	6RB4147
		27.000/1.0630	29.021/1.1426				
<b>PISTON PIN BUSH</b>							
<b>RB4147</b> UNB		26.995/1.0628	29.000/1.1417		22.20/.874	F100	RB4147
		27.000/1.0630	29.021/1.1426				

7 Engine		Year		Cyl	Bore x Stroke	7	
S14/7 1990cc Inline4 DOHC 4v		01/1988 - 12/1991		L4	93.4mm x 72.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>Suits custom crank with 45mm journals.</i>					
<b>4B1489H</b> Std, .025, .25		44.975/1.7707	48.000/1.8898	1.493/.0588	16.00/.630	F781	1489H
		44.991/1.7713	48.016/1.8904				IH
<b>RACE SERIES</b>		<i>Suits custom crank with 45mm journals. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1489HX</b> Std		44.975/1.7707	48.000/1.8898	1.480/.0583	16.00/.630	F781	1489HX
		44.991/1.7713	48.016/1.8904				IH





8	Engine	Year	Cyl	Bore x Stroke	8
	M40B16 1596cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	84.0mm x 72.0mm	
	M40B18 1796cc Inline4 SOHC 2v	09/1987 - 08/1998	L4	84.0mm x 81.0mm	
	M42B18 1796cc Inline4 DOHC 4v	09/1989 - 02/1998	L4	84.0mm x 72.0mm	
	M43B16 1596cc Inline4 SOHC 2v	09/1990 - 02/2005	L4	84.0mm x 72.0mm	
	M43B18 1796cc Inline4 SOHC 2v	08/1989 - 10/1999	L4	84.0mm x 81.0mm	
	M43B19 (TU) 1895cc Inline4 SOHC 2v	02/1998 - 01/2003	L4	85.0mm x 83.5mm	
	M44B19 1895cc Inline4 DOHC 4v	07/1995 - 08/2000	L4	85.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>4B1490H</b> STD, .025, .25, .50		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.490/.0587	18.00/.709	F781	1490H IH
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>4B1490HX</b> STD		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.477/.0581	18.00/.709	F781	1490HX IH
<b>4B1490P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.493/.0588	18.00/.709	F780	1490 IH
<b>5M1538A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5  1,2,4,5  3	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A L 1538A U 1539A(F) U
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M1538H</b> STD, .025, .25, .50	1,2,4,5  3	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL 1539H(F) UL
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M1538HX</b> STD	1,2,4,5  3	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL 1539HX(F) UL
<b>5M1538P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5  1,2,4,5  3	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 L 1538 U 1539(F) U
<b>RB4141</b> UNB	<b>PISTON PIN BUSH</b>	22.000/.8661	24.000/.9449 24.031/.9461	1.330/.0524	22.00/.866	F100	RB4141

9	Engine	Year	Cyl	Bore x Stroke	9		
	M41D17 1665cc Inline4 SOHC 2v Diesel	09/1994 - 08/2000	L4	80.0mm x 82.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1579D</b> STD, .25	<b>CONROD</b>	44.975/1.7707 44.991/1.7713 44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904 48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 L 1579D U
<b>4B1579P</b> STD, .25	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.497/.0589	18.00/.709	F780	1579 IH

**9 Continued ... 9**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532A</b> STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F) IH
		59.990/2.3618	65.019/2.5598				
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532P</b> STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538 IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F) IH
		59.990/2.3618	65.019/2.5598				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4147</b> UNB		26.995/1.0628	29.000/1.1417		22.20/.874	F100	4RB4147
		27.000/1.0630	29.021/1.1426				
<b>PISTON PIN BUSH</b>							
<b>RB4147</b> UNB		26.995/1.0628	29.000/1.1417		22.20/.874	F100	RB4147
		27.000/1.0630	29.021/1.1426				

**10 Engine Year Cyl Bore x Stroke 10**

M47D20 1951cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 07/2003	L4	84.0mm x 88.0mm
M47TUD20 1951cc Inline4 DOHC 4v Turbo Diesel	09/2001 - 05/2005	L4	84.0mm x 88.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>Upper half only is Race plate</i>							
<b>4B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579 L
		44.991/1.7713	48.016/1.8904				
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D U
		44.991/1.7713	48.016/1.8904				
<b>CONROD</b>							
<b>4B1579P</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579 IH
		44.991/1.7713	48.016/1.8904				
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532A</b> STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F) IH
		59.990/2.3618	65.019/2.5598				
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532P</b> STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538 IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F) IH
		59.990/2.3618	65.019/2.5598				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	4RB4148
		30.000/1.1811	32.025/1.2608				
<b>PISTON PIN BUSH</b>							
<b>RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				





11	Engine	Year	Cyl	Bore x Stroke	11
	N40B16A 1596cc Inline4 DOHC 4v	06/2002 - 02/2005	L4	84.0mm x 72.0mm	
	N42B18 1796cc Inline 4 DOHC 4v	06/2001 - 02/2005	L4	84.0mm x 81.0mm	
	N42B20 1995cc Inline 4 DOHC 4v	09/2001 - 02/2005	L4	84.0mm x 90.0mm	
	N45B16 1596cc Inline4 DOHC 4v	06/2002 - 12/2011	L4	84.0mm x 72.0mm	
	N45B16 TU2 1596cc Inline4 DOHC 4v	02/2006 - 12/2011	L4	84.0mm x 72.0mm	
	N45B16A 1596cc Inline4 DOHC 4v	06/2002 - 09/2012	L4	84.0mm x 72.0mm	
	N45B20A 1997cc Inline4 DOHC 4v	05/2006 - 12/2011	L4	85.0mm x 88.0mm	
	N46B18 1796cc Inline4 DOHC 4v	02/2002 - 02/2005	L4	84.0mm x 81.0mm	
	N46B18A 1796cc Inline4 DOHC 4v	06/2001 - 02/2005	L4	84.0mm x 81.0mm	
	N46B20 1995cc Inline4 DOHC 4v	09/2001 - 08/2007	L4	84.0mm x 90.0mm	
	N46B20A 1995cc Inline4 DOHC 4v	09/2001 - 09/2012	L4	84.0mm x 90.0mm	
	N46B20B 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	84.0mm x 90.0mm	
	N46B20C 1995cc Inline4 DOHC 4v	11/2003 - 09/2012	L4	84.0mm x 90.0mm	
	N46NB20B 1995cc Inline4 DOHC 4v	11/2006 - 08/2007	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1395P</b> STD		49.981/1.9678	53.600/2.1102	1.797/.0707	17.55/.691	F780	1395
		49.997/1.9684	53.616/2.1109				IH
<b>MAINS</b>							
<b>5M1397A</b> STD	1,2,3			2.500/.0984	18.80/.740	F810	1398A U
	1,2,3,4			2.500/.0984	18.80/.740	F810	1398A L
	4			2.500/.0984	23.88/.940	F810	1399A(F) U
	5			2.500/.0984	19.80/.780	F810	1397A UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4152</b> UNB		20.000/.7874	21.995/.8659	1.200/.0472	21.30/.839	F100	4RB4152
			22.031/.8674				
<b>PISTON PIN BUSH</b>							
<b>RB4152</b> UNB		20.000/.7874	21.995/.8659	1.200/.0472	21.30/.839	F100	RB4152
			22.031/.8674				

12	Engine	Year	Cyl	Bore x Stroke	12
	M20B20 1991cc Inline6 SOHC 2v	09/1977 - 12/1993	L6	80.0mm x 66.0mm	
	M20B23 2315cc Inline6 SOHC 2v	01/1978 - 12/1986	L6	80.0mm x 76.8mm	
	M20B25 2494cc Inline6 SOHC 2v	09/1983 - 10/1993	L6	84.0mm x 75.0mm	
	M20B27 2693cc Inline6 SOHC 2v	01/1981 - 01/1988	L6	84.0mm x 81.0mm	
	M50B20 1991cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	80.0mm x 66.0mm	
	M50B20TU 1991cc Inline6 DOHC 4v	09/1992 - 09/1999	L6	80.0mm x 66.0mm	
	M50B25 2494cc Inline6 DOHC 4v	01/1988 - 04/1999	L6	84.0mm x 75.0mm	
	M50B25TU 2494cc Inline6 DOHC 4v	09/1989 - 04/1999	L6	84.0mm x 75.0mm	
	M52B20 1991cc Inline6 DOHC 4v	09/1990 - 05/2004	L6	80.0mm x 66.0mm	
	M52B20TU 1991cc Inline6 DOHC 4v	01/1998 - 12/2001	L6	80.0mm x 66.0mm	
	M52B25 2494cc Inline6 DOHC 4v	08/1989 - 09/2000	L6	84.0mm x 75.0mm	
	M52B25TU 2494cc Inline6 DOHC 4v	11/1995 - 09/2000	L6	84.0mm x 75.0mm	
	M52B28 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	84.0mm x 84.0mm	
	M52B28TU 2793cc Inline6 DOHC 4v	01/1995 - 11/2001	L6	84.0mm x 84.0mm	
	M54B22 2171cc Inline6 DOHC 4v	08/2000 - 03/2010	L6	80.0mm x 72.0mm	
	M54B25 2494cc Inline6 DOHC 4v	09/2000 - 03/2010	L6	84.0mm x 75.0mm	
	M54B30 2979cc Inline6 DOHC 4v	05/2000 - 03/2010	L6	84.0mm x 89.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1490A</b> STD, .25, .50, .75, 1.00		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F810	1490A
		44.991/1.7713	48.016/1.8904				IH

12		Continued ...						12	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>6B1490H</b> STD, .025, .25, .50	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.490/.0587	18.00/.709	F781	1490H IH		
<b>RACE SERIES</b> <b>6B1490HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.477/.0581	18.00/.709	F781	1490HX IH
<b>6B1490P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904	1.493/.0588	18.00/.709	F780	1490 IH		
<b>7M1532A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL		
<b>RACE SERIES</b> <b>7M1532H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL		
<b>RACE SERIES</b> <b>7M1532HX</b> STD	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL		
<b>7M1532P</b> STD, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL		
<b>7M1539A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full grooved set. Single notch on both halves. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A IH		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) IH		
<b>7M1539P</b> STD, .25, .50	<b>MAINS</b>	<i>Full grooved set. Single notch on both halves. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>							
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 IH		
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) IH		
<b>6RB4141</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6, has no hole.</i>		22.000/.8661	24.000/.9449 24.031/.9461	22.00/.866	F100	6RB4141	
<b>6RB4146</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6, has one hole.</i>			24.000/.9449 24.031/.9461	22.00/.866	F100	6RB4146	
<b>RB4141</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has no hole.</i>		22.000/.8661	24.000/.9449 24.031/.9461	1.330/.0524	22.00/.866	F100	RB4141
<b>RB4146</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has one hole.</i>			609.600/24.0000 24.031/.9461	22.00/.866	F100	RB4146	





13 Engine		Year	Cyl	Bore x Stroke	13		
S14B20 1990cc Inline4 DOHC 4v		01/1987 - 12/1990	L4	93.4mm x 72.6mm			
S14B23 2302cc Inline4 DOHC 4v		01/1986 - 12/1990	L4	93.4mm x 84.0mm			
S14B25 2467cc Inline4 DOHC 4v		01/1989 - 12/1990	L4	95.0mm x 87.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B1568H</b> STD, .025, .25	<b>CONROD</b>	47.975/1.8888 47.991/1.8894	52.000/2.0472 52.015/2.0478	1.993/.0785	20.00/.787	F781	1568H IH
<b>RACE SERIES</b> <b>4B1568HX</b> STD	<b>CONROD</b>	0.001" extra oil clearance on STD journal.		1.980/.0780	20.00/.787	F781	1568HX IH

14 Engine		Year	Cyl	Bore x Stroke	14			
N52B25 2497cc Inline6 DOHC 4v		01/2005 - 12/2011	L6	82.0mm x 78.8mm				
N52B25A 2497cc Inline6 DOHC 4v		01/2005 - 12/2011	L6	82.0mm x 78.8mm				
N52B25C 2497cc Inline6 DOHC 4v		09/2005 - 12/2011	L6	82.0mm x 78.8mm				
N52B30 2996cc Inline6 DOHC 4v		09/2004 - 12/2011	L6	85.0mm x 88.0mm				
N52B30A 2996cc Inline6 DOHC 4v		09/2004 - 12/2011	L6	85.0mm x 88.0mm				
N52NB25A 2497cc Inline6 DOHC 4v		04/2006 - 06/2007	L6	82.0mm x 78.8mm				
N52NB30A 2996cc Inline6 DOHC 4v		08/2006 - 11/2007	L6	85.0mm x 88.0mm				
N52NB30B 2996cc Inline6 DOHC 4v		03/2007 - On	L6	85.0mm x 88.0mm				
N53B25A 2497cc Inline6 DOHC 4v		03/2007 - 12/2010	L6	82.0mm x 78.8mm				
N53B30 2996cc Inline6 DOHC 4v		01/2007 - 12/2011	L6	85.0mm x 88.0mm				
N53B30A 2996cc Inline6 DOHC 4v		01/2007 - On	L6	85.0mm x 88.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B1395P</b> STD	<b>CONROD</b>	49.981/1.9678 49.997/1.9684	53.600/2.1102 53.616/2.1109	1.797/.0707	17.55/.691	F780	1395 IH	
<b>7M1397A</b> STD	<b>MAINS</b>			2.500/.0984	19.80/.780	F810	1397A UL	
				2.500/.0984	18.80/.740	F810	1398A L	
				2.500/.0984	18.80/.740	F810	1398A U	
				2.500/.0984	23.88/.940	F810	1399A(F) U	
<b>6RB4152</b> UNB	<b>PISTON PIN BUSH</b>	Set of 6. 20.000/.7874		21.995/.8659 22.031/.8674	1.200/.0472	21.30/.839	F100	6RB4152
<b>RB4152</b> UNB	<b>PISTON PIN BUSH</b>	20.000/.7874		21.995/.8659 22.031/.8674	1.200/.0472	21.30/.839	F100	RB4152

15 Engine		Year	Cyl	Bore x Stroke	15		
N62B36 3600cc V8 DOHC 4v		01/2001 - 03/2005	V8	84.0mm x 81.2mm			
N62B40 4000cc V8 DOHC 4v		01/2005 - 12/2010	V8	87.0mm x 84.1mm			
N62B44 4398cc V8 DOHC 4v		11/2001 - 03/2010	V8	92.0mm x 82.7mm			
N62B48A 4799cc V8 DOHC 4v		02/2004 - On	V8				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1618P</b> STD	<b>MAINS</b>			2.500/.0984	26.99/1.063	F780	1619(F) UL
				2.500/.0984	22.50/.886	F780	1618 UL

16 Engine		Year		Cyl	Bore x Stroke	16	
R50 (Toyota 1ND-TV) 1364cc Inline4 SOHC 2v Turbo Diesel		01/2001 - 12/2006		L4	73.0mm x 81.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>To suit 40mm Journal.</i>							
<b>4B8224A</b> STD, .25, .50, .75, 1.00, 1.25			43.000/1.6929	1.495/.0589	13.63/.537	F810	8224A IH
			43.020/1.6937				
<b>CONROD</b> <i>To suit 44mm Journal.</i>							
<b>4B8225A</b> STD, .25, .50, .75, 1.00, 1.25			47.000/1.8504	1.495/.0589	15.60/.614	F810	8225A IH
			47.020/1.8512				
<b>MAINS</b> <i>Same as 5M8214A but with no notch.</i>							
<b>5M8226A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	46.000/1.8110	50.000/1.9685	2.000/.0787	16.00/.630	F810	8226A UL
		46.012/1.8115	50.016/1.9691				
<b>THRUST</b>							
<b>1T1853</b> STD		53.600/2.1102	69.550/2.7382		2.48/.098	F817	1853T IH
		53.850/2.1201	69.800/2.7480				

17 Engine		Year		Cyl	Bore x Stroke	17	
M47TU2D20 1995cc Inline4 DOHC 4v Turbo Diesel		09/2004 - 08/2008		L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Upper half only is Race plate</i>							
<b>4B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579 L
		44.991/1.7713	48.016/1.8904				
		44.975/1.7707	48.000/1.8898				
		44.991/1.7713	48.016/1.8904				
<b>CONROD</b>							
<b>4B1579P</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579 IH
		44.991/1.7713	48.016/1.8904				
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532A</b> STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598				
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532P</b> STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538 IH
		59.990/2.3618	65.019/2.5598				
	3	59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4149</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	4RB4149
		30.000/1.1811	32.025/1.2608				
<b>PISTON PIN BUSH</b>							
<b>RB4149</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4149
		30.000/1.1811	32.025/1.2608				

18 Engine		Year		Cyl	Bore x Stroke	18	
M57D30TU2 2993cc Inline6 DOHC 4v Turbo Diesel		09/2005 - On		L6	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Upper half only is Race plate.</i>							
<b>6B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D U
		44.991/1.7713	48.016/1.8904				
		44.975/1.7707	48.000/1.8898				
		44.991/1.7713	48.016/1.8904				
<b>MAINS</b>							
<b>7M1588P</b> STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.502/.0985	20.00/.787	F780	1588 UL
		59.990/2.3618	65.019/2.5598				
	6	59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598				





18 Continued ...								18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>								
<b>6RB4148</b> UNB		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	6RB4148	
<b>PISTON PIN BUSH</b>								
<b>RB4148</b> UNB		29.995/1.1809 30.000/1.1811	31.995/1.2596 32.025/1.2608		22.20/.874	F100	RB4148	
19 Engine				Year	Cyl	Bore x Stroke	19	
M57N 256 D4 2497cc Inline6 DOHC 4v Turbo Diesel				06/2004 - On	L6	84.0mm x 75.1mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Upper half only is Race plate.</i>								
<b>6B1579D</b> STD, .25		44.975/1.7707 44.991/1.7713 44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904 48.000/1.8898 48.016/1.8904	1.497/.0589  1.497/.0589	18.00/.709  18.00/.709	F780  F781	1579 L 1579D U	
<b>MAINS</b>								
<b>7M1588P</b> STD	1,2,3,4,5,7  6	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.502/.0985  2.502/.0985	20.00/.787  24.89/.980	F780  F780	1588 UL 1589(F) UL	
20 Engine				Year	Cyl	Bore x Stroke	20	
M57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel				10/2002 - On	L6	84.0mm x 90.0mm		
M57N 306 D4 2993cc Inline6 DOHC 4v Turbo Diesel				12/2003 - On	L6	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Upper half only is Race plate.</i>								
<b>6B1579D</b> STD, .25		44.975/1.7707 44.991/1.7713 44.975/1.7707 44.991/1.7713	48.000/1.8898 48.016/1.8904 48.000/1.8898 48.016/1.8904	1.497/.0589  1.497/.0589	18.00/.709  18.00/.709	F780  F781	1579 L 1579D U	
<b>MAINS</b> <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>								
<b>7M1532A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,7  6	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.490/.0980  2.490/.0980	20.00/.787  24.94/.982	F810  F810	1538A UL 1539A(F) UL	
<b>RACE SERIES</b>								
<b>7M1532H</b> STD, .025, .25, .50	1,2,3,4,5,7  6	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.488/.0980  2.488/.0980	20.00/.787  24.94/.982	F780  F780	1538H UL 1539H(F) UL	
<b>RACE SERIES</b>								
<b>7M1532HX</b> STD	1,2,3,4,5,7  6	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.475/.0974  2.475/.0974	20.00/.787  24.94/.982	F780  F780	1538HX UL 1539HX(F) UL	
<b>MAINS</b> <i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>								
<b>7M1532P</b> STD, .25, .50	1,2,3,4,5,7  6	59.971/2.3611 59.990/2.3618  59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598  65.000/2.5591 65.019/2.5598	2.490/.0980  2.490/.0980	20.00/.787  24.94/.982	F780  F780	1538 UL 1539(F) UL	

21	Engine	Year	Cyl	Bore x Stroke	21
	M60B30 2997cc V8 DOHC 4v	04/1992 - 11/2001	V8	84.0mm x 67.6mm	
	M60B40 3982cc V8 DOHC 4v	04/1992 - 11/2001	V8	89.0mm x 90.0mm	
	M62B35 3498cc V8 DOHC 4v	01/1996 - 11/2001	V8	84.0mm x 78.9mm	
	M62B44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	92.0mm x 82.7mm	
	M62TUB35 3498cc V8 DOHC 4v	04/1999 - 06/2003	V8	84.0mm x 78.9mm	
	M62TUB44 4398cc V8 DOHC 4v	01/1996 - 05/2004	V8	92.0mm x 82.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B1458P</b> STD	<b>CONROD</b>	47.795/1.8817	52.000/2.0472	1.997/.0786	17.00/.669	F780	1458 IH
		47.991/1.8894	52.013/2.0478				
<b>5M1459A</b> STD	<b>MAINS</b> 1,2,3,4,5	69.971/2.7548	75.000/2.9528	2.505/.0986	24.00/.945	F810	1459A UL
		69.990/2.7555	75.019/2.9535				

22	Engine	Year	Cyl	Bore x Stroke	22
	N47D20A 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	84.0mm x 90.0mm	
	N47D20B 1995cc Inline4 DOHC 4v Turbo Diesel	03/2007 - On	L4	84.0mm x 90.0mm	
	N47D20C 1995cc Inline4 DOHC 4v Turbo Diesel	11/2003 - On	L4	84.0mm x 90.0mm	
	N47S D20D 1995cc Inline4 DOHC 4v Turbo Diesel	10/2009 - On	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1516D</b> STD	<b>CONROD</b>	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 L
		49.991/1.9681	53.619/2.1110				
		49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F781	1516D U
		49.991/1.9681	53.619/2.1110				
<b>4B1516P</b> STD	<b>CONROD</b>	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 IH
		49.991/1.9681	53.619/2.1110				
<b>5M1518P</b> STD	<b>MAINS</b>	54.971/2.1642	60.000/2.3622	2.498/.0983	18.80/.740	F780	1518 UL
		54.990/2.1650	60.019/2.3629				
		54.971/2.1642	60.000/2.3622	2.498/.0983	23.50/.925	F780	1519(F) UL
		54.990/2.1650	60.019/2.3629				

23	Engine	Year	Cyl	Bore x Stroke	23
	N57 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2003 - On	L6	84.0mm x 90.0mm	
	N57 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	84.0mm x 90.0mm	
	N57N 306 D2 2993cc Inline6 DOHC 4v Turbo Diesel	07/2005 - On	L6	84.0mm x 90.0mm	
	N57N 306 D3 2993cc Inline6 DOHC 4v Turbo Diesel	03/2007 - On	L6	84.0mm x 90.0mm	
	N57N 306 D5 2993cc Inline6 DOHC 4v Turbo Diesel	07/2007 - On	L6	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1516D</b> STD	<b>CONROD</b>	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 L
		49.991/1.9681	53.619/2.1110				
		49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F781	1516D U
		49.991/1.9681	53.619/2.1110				
<b>6B1516P</b> STD	<b>CONROD</b>	49.975/1.9675	53.600/2.1102	1.803/.0710	18.30/.721	F780	1516 IH
		49.991/1.9681	53.619/2.1110				
<b>7M1518P</b> STD	<b>MAINS</b>	54.971/2.1642	60.000/2.3622	2.498/.0983	23.50/.925	F780	1519(F) UL
		54.990/2.1650	60.019/2.3629				
		54.971/2.1642	60.000/2.3622	2.498/.0983	18.80/.740	F780	1518 UL
		54.990/2.1650	60.019/2.3629				





24 Engine		Year		Cyl	Bore x Stroke		24
S50B30 2990cc Inline6 DOHC 4v		01/1992 - 04/1996		L6	86.0mm x 85.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>6B1515H</b> STD, .025, .25	<b>CONROD</b>	49.975/1.9675 49.991/1.9681	53.000/2.0866 53.015/2.0872	1.493/.0588	18.00/.709	F781	1515H IH
<b>RACE SERIES</b> <b>6B1515HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.480/.0583	18.00/.709	F781	1515HX IH
<b>7M1532A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
<b>RACE SERIES</b> <b>7M1532H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
<b>RACE SERIES</b> <b>7M1532HX</b> STD	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
<b>7M1532P</b> STD, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL

25 Engine		Year		Cyl	Bore x Stroke		25
S52B32 3152cc Inline6 DOHC 4v		01/1996 - 12/2000		L6	86.4mm x 89.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M1532A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
<b>RACE SERIES</b> <b>7M1532H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
<b>RACE SERIES</b> <b>7M1532HX</b> STD	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
<b>7M1532P</b> STD, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL

26 Engine		Year	Cyl	Bore x Stroke	26		
S54B32 3246cc Inline6 DOHC 4v		04/2001 - 12/2006	L6	87.0mm x 91.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>6B1569H</b> Std, .025, .25	<b>CONROD</b>	48.975/1.9281 48.991/1.9288	53.000/2.0866 53.015/2.0872	1.993/.0785	16.00/.630	F781	1569H IH
<b>RACE SERIES</b> <b>6B1569HX</b> Std	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.980/.0780	16.00/.630	F781	1569HX IH
<b>7M1532A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F810	1538A UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
<b>RACE SERIES</b> <b>7M1532H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	20.00/.787	F780	1538H UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
<b>RACE SERIES</b> <b>7M1532HX</b> STD	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	20.00/.787	F780	1538HX UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
<b>7M1532P</b> STD, .25, .50	<b>MAINS</b>	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
	1,2,3,4,5,7	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	20.00/.787	F780	1538 UL
	6	59.971/2.3611 59.990/2.3618	65.000/2.5591 65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
122ci (2.0L) S4RE Inline4 SOHC 4v	01/1995 - 12/2005	L4	1995	121	24
122ci (2.0L) Inline4 DOHC 4v	01/1995 - 11/2004	L4	1996	121	24
135ci (2.2L) Inline4 DOHC 4v Turbo	01/1989 - 12/1993	L4	2212	135	3
135ci (2.2L) Inline4 SOHC 2v	01/1981 - 12/1994	L4	2212	135	3
135ci (2.2L) Inline4 SOHC 2v Turbo	01/1984 - 12/1990	L4	2212	135	3
144ci ED3 (2.4L) GEMA Inline4 DOHC 4v	01/2007 - On	L4	2360	144	17
148ci (2.4L) (EDZ) Inline4 DOHC 4v	01/1995 - 06/2010	L4	2429	148	4
148ci (2.4L) Inline4 DOHC 4v Turbo	01/2003 - 12/2008	L4	2429	148	4
153ci (2.5L) Inline4 SOHC 2v	01/1986 - 12/1995	L4	2507	153	5
153ci (2.5L) Inline4 SOHC 2v Turbo	01/1989 - 12/1992	L4	2507	153	5
167ci (2.7L) V6 DOHC 4v	01/1998 - On	V6	2736	166	6
170ci Inline6 OHV 2v	01/1960 - 12/1971	L6	2785	170	21
197ci (3.2L) VIN J (EGW) V6 SOHC 4v	01/1998 - 12/2001	V6	3231	197	7
198ci Inline6 OHV 2v	01/1970 - 12/1974	L6	3244	198	21
201ci (3.3L) VIN 3/G/J/R/S/T/U V6 OHV 2v	01/1990 - 12/2010	V6	3301	201	10
215ci (3.5L) V6 SOHC 4v (Alum. Block)	01/1999 - 12/2011	V6	3518	214	8
215ci (3.5L) V6 SOHC 4v (C.I. Block)	01/1993 - 12/1997	V6	3518	214	9
215ci Inline6 OHV 2v	01/1970 - 12/1975	L6	3523	215	22
225ci Inline6 OHV 2v	01/1960 - 12/1987	L6	3687	225	20
3.7L (226ci) PowerTech V6 SOHC 2v	01/2002 - On	V6	3701	225	1
230ci (3.8L) VIN 1/L/P V6 OHV 2v	01/1991 - 12/2011	V6	3778	230	10
239ci (3.9L) Magnum V6 OHV 2v	01/1987 - 12/2003	V6	3912	238	11
241ci (4.0L) V6 SOHC 4v	01/2007 - 12/2012	V6	3952	241	18
245ci Inline6 OHV 2v	01/1970 - 06/1980	L6	4014	245	22
265ci Inline6 OHV 2v	01/1970 - 12/1981	L6	4342	265	22
273ci V8 OHV 2v	01/1964 - 12/1969	V8	4473	273	19
4.7L (287ci) PowerTech V8 SOHC 2v	06/1999 - On	V8	4701	286	23
301ci V8 OHV 2v	01/1956 - 12/1957	V8	4932	301	19
303ci V8 OHV 2v	01/1958 - 01/1963	V8	4965	303	19
313ci V8 OHV 2v	01/1958 - 12/1965	V8	5129	313	19
318ci V8 OHV 2v	01/1957 - 12/2003	V8	5211	318	25
326ci V8 OHV 2v	01/1959 - 12/1959	V8	5342	326	19
340ci V8 OHV 2v	01/1968 - 12/1973	V8	5571	340	19
5.7L (345ci) Hemi V8 OHV 2v	01/2003 - On	V8	5653	345	2
350ci (B Series) V8 OHV 2v	01/1958 - 12/1958	V8	5735	350	12
360ci V8 OHV 2v	01/1971 - 12/2003	V8	5899	360	26
361ci (B Series) V8 OHV 2v	01/1958 - 12/1964	V8	5915	361	12
6.1L (370ci) Hemi V8 OHV 2v	01/2005 - On	V8	6059	369	2
383ci (RB Series) V8 OHV 2v	01/1958 - 12/1960	V8	6271	382	13
383ci (B Series) V8 OHV 2v	01/1959 - 12/1972	V8	6278	383	12
6.4L (392ci) Hemi V8 OHV 2v	01/2011 - On	V8	6417	391	16
400ci (B Series) V8 OHV 2v	01/1971 - 12/1978	V8	6554	400	12
413ci (RB Series) V8 OHV 2v	01/1959 - 12/1977	V8	6767	413	13
426ci (RB Series) V8 OHV 2v	01/1963 - 12/1965	V8	6980	426	13
426ci Hemi V8 OHV 2v	01/1964 - 12/1971	V8	6980	426	27
440ci (RB Series) V8 OHV 2v	01/1966 - 12/1980	V8	7210	440	13
8.0L (488ci) V10 OHV 2v Al Block	01/1992 - 12/2003	V10	8000	488	14
8.0L (488ci) V10 OHV 2v C.I. Block	01/1994 - 12/2003	V10	8000	488	15

1 Engine		Year		Cyl	Bore x Stroke	1	
3.7L (226ci) PowerTech V6 SOHC 2v		01/2002 - On		V6	93.0mm x 90.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>This part has no locating notch.</i>							
<b>6B7200A</b> STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7200A IH
		57.904/2.2797	61.206/2.4097				
<b>6B7201A</b> STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7201A IH
		57.904/2.2797	61.206/2.4097				
<b>MAINS</b>							
<b>4M7214A</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A UL
		63.505/2.5002	68.405/2.6931				
<b>MAINS</b> <i>Set includes 1 set of thrustwashers 1T7214</i>							
<b>4M7214A+2T</b> STD, .25, .50, .75, 1.00		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925				
	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A UL
		63.505/2.5002	68.405/2.6931				
<b>THRUST</b>							
<b>1T7214</b> STD		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925				

2 Engine		Year		Cyl	Bore x Stroke	2	
5.7L (345ci) Hemi V8 OHV 2v		01/2003 - On		V8	99.5mm x 90.9mm		
6.1L (370ci) Hemi V8 OHV 2v		01/2005 - On		V8	103.0mm x 90.9mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1808A</b> STD, .25, .50		53.993/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F810	7211A IH
		54.008/2.1263	57.219/2.2527				
<b>CONROD</b>							
<b>RACE SERIES</b> <b>8B1808H</b> STD, .025, .25		53.993/2.1257	57.206/2.2522	1.585/.0624	18.75/.738	F781	7211H UL
		54.008/2.1263	57.219/2.2527				
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>8B1808HX</b> STD		53.993/2.1257	57.206/2.2522	1.572/.0619	18.75/.738	F781	7211HX UL
		54.008/2.1263	57.219/2.2527				
<b>CONROD</b>							
<b>8B1808P</b> STD, .25, .50		53.992/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F780	7211 IH
		54.008/2.1263	57.219/2.2527				
<b>MAINS</b>							
<b>5M2220A</b> STD, .25, .50	1,2,3,4,5	64.996/2.5589	69.893/2.7517	2.439/.0960	21.60/.850	F810	7216A UL
		65.004/2.5592	69.906/2.7522				
<b>MAINS</b>							
<b>RACE SERIES</b> <b>5M2220H</b> STD, .025, .25	1,2,3,4,5	64.996/2.5589	69.893/2.7517	2.434/.0958	21.10/.831	F780	7216H UL
		65.004/2.5592	69.906/2.7522				
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>5M2220HX</b> STD	1,2,3,4,5	64.996/2.5589	69.893/2.7517	2.421/.0953	21.10/.831	F780	7216HX UL
		65.004/2.5592	69.906/2.7522				
<b>THRUST</b>							
<b>1T611S</b> STD		72.644/2.8600			2.59/.102	F817	7216T UL
		73.152/2.8800					





3	Engine	Year	Cyl	Bore x Stroke	3
	135ci (2.2L) Inline4 DOHC 4v Turbo <i>VIN Codes A, P, R</i>	01/1989 - 12/1993	L4	87.5mm x 92.0mm	
	135ci (2.2L) Inline4 SOHC 2v <i>VIN Code B, C, D</i>	01/1981 - 12/1994	L4	3.44in x 3.62in	
	135ci (2.2L) Inline4 SOHC 2v Turbo <i>VIN Code A, C, E</i>	01/1984 - 12/1990	L4	87.5mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1269A</b> STD, 10, 20, 30, 40		49.980/1.9677	52.989/2.0862	1.483/.0584	20.04/.789	F810	4360A
		50.005/1.9687	53.007/2.0869				IH
<b>MAINS</b> <i>Half Groove</i>							
<b>5M1533A</b> STD, 010, 020, 030, 040	1,2,4,5	59.987/2.3617	63.990/2.5193	1.976/.0778	21.46/.845	F810	4358A
		60.013/2.3627	64.008/2.5200				IH
	3	59.987/2.3617	63.990/2.5193	1.976/.0778	27.86/1.097	F810	4359A(F)
		60.013/2.3627	64.008/2.5200				IH
<b>BALANCE</b>							
<b>2C026S</b> STD	1	42.670/1.6799	45.970/1.8098	1.633/.0643	19.05/.750	F23	4670
		42.695/1.6809	46.030/1.8122				
	2	19.670/.7744	22.970/.9043	1.633/.0643	21.08/.830	F23	4671
		19.693/.7753	23.030/.9067				

4	Engine	Year	Cyl	Bore x Stroke	4
	148ci (2.4L) (EDZ) Inline4 DOHC 4v <i>VIN Codes 9, B, J, X</i>	01/1995 - 06/2010	L4	87.5mm x 101.0mm	
	148ci (2.4L) Inline4 DOHC 4v Turbo <i>VIN Codes E, G, 8</i>	01/2003 - 12/2008	L4	87.5mm x 101.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B4565A</b> STD, .25, .50, .75, 1.00		50.007/1.9688	52.995/2.0864	1.483/.0584	20.13/.793	F810	4565A
		50.025/1.9695	53.007/2.0869				IH
<b>MAINS</b>							
<b>5M7313A</b> STD, .25, .50, .75	1,2,4,5	59.992/2.3619	64.000/2.5197	1.984/.0781	21.72/.855	F810	7312A
		60.007/2.3625	64.013/2.5202				IH
	3	59.992/2.3619	64.000/2.5197	1.984/.0781	27.86/1.097	F810	7313A(F)
		60.007/2.3625	64.013/2.5202				UL

5	Engine	Year	Cyl	Bore x Stroke	5
	153ci (2.5L) Inline4 SOHC 2v <i>VIN Code K</i>	01/1986 - 12/1995	L4	3.44in x 4.09in	
	153ci (2.5L) Inline4 SOHC 2v Turbo	01/1989 - 12/1992	L4	87.5mm x 104.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1269A</b> STD, 10, 20, 30, 40		49.980/1.9677	52.989/2.0862	1.483/.0584	20.04/.789	F810	4360A
		50.005/1.9687	53.007/2.0869				IH
<b>MAINS</b> <i>Half Groove</i>							
<b>5M1533A</b> STD, 010, 020, 030, 040	1,2,4,5	59.987/2.3617	63.990/2.5193	1.976/.0778	21.46/.845	F810	4358A
		60.013/2.3627	64.008/2.5200				IH
	3	59.987/2.3617	63.990/2.5193	1.976/.0778	27.86/1.097	F810	4359A(F)
		60.013/2.3627	64.008/2.5200				IH
<b>BALANCE</b>							
<b>2BS1403S</b> UNB	1,2	42.060/1.6559	45.360/1.7858		22.60/.890	F23	1403
		42.090/1.6571	45.390/1.7870				



6	Engine	Year	Cyl	Bore x Stroke	6
	167ci (2.7L) V6 DOHC 4v VIN Codes R, T, U	01/1998 - On	V6	86.0mm x 78.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B7170A</b> STD, .25, .50, .75, 1.00		53.492/2.1060	46.493/1.8304	1.486/.0585	17.38/.684	F810	7170A IH
		53.510/2.1067	56.507/2.2247				
<b>MAINS</b>							
<b>4M7172A</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.492/2.4997	68.993/2.7163	2.740/.1079	18.70/.736	F810	7172A UL
		63.510/2.5004	69.010/2.7169				
<b>MAINS</b> <i>This set includes thrustwashers.</i>							
<b>4M7172A+2T</b> STD	1,2,3,4	63.492/2.4997	68.993/2.7163	2.740/.1079	18.70/.736	F810	7172A UL
		63.510/2.5004	69.010/2.7169				
	3	71.100/2.7992	90.190/3.5508	2.06/.081	F817	7172T IH	
<b>1T7172</b> STD, .25	<b>THRUST</b>	<i>Use in #3 position.</i>			2.06/.081	F817	7172T IH
		71.100/2.7992	90.190/3.5508				
		71.350/2.8090	90.440/3.5606				

7	Engine	Year	Cyl	Bore x Stroke	7
	197ci (3.2L) VIN J (EGW) V6 SOHC 4v	01/1998 - 12/2001	V6	92.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have oil slot. Suits up to 2007.</i>							
<b>6B7310A</b> STD, .25, .50, .75, 1.00		57.978/2.2826	60.993/2.4013	1.486/.0585	16.97/.668	F810	7310A IH
		58.006/2.2837	61.006/2.4018				
<b>MAINS</b>							
<b>4M7182A</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
<b>MAINS</b> <i>This set includes 1 set of thrustwashers 1T7172.</i>							
<b>4M7182A+2T</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
	2	71.100/2.7992	90.190/3.5508	2.06/.081	F817	7172T IH	
<b>1T7172</b> STD, .25	<b>THRUST</b>	<i>Use in #2 position.</i>			2.06/.081	F817	7172T IH
		71.100/2.7992	90.190/3.5508				
		71.350/2.8090	90.440/3.5606				

8	Engine	Year	Cyl	Bore x Stroke	8
	215ci (3.5L) V6 SOHC 4v (Alum. Block) VIN Codes 4,F,G,K,M,V	01/1999 - 12/2011	V6	96.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have oil slot. Suits up to 2007.</i>							
<b>6B7310A</b> STD, .25, .50, .75, 1.00		57.978/2.2826	60.993/2.4013	1.486/.0585	16.97/.668	F810	7310A IH
		58.006/2.2837	61.006/2.4018				
<b>CONROD</b> <i>Bearings have oil hole. Suits from 2007 on.</i>							
<b>6B7315A</b> STD, .25, .50, .75		57.988/2.2830	60.985/2.4010	1.490/.0587	17.30/.681	F810	7315A IH
		58.013/2.2840	61.010/2.4020				
<b>MAINS</b>							
<b>4M7182A</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
<b>MAINS</b> <i>This set includes 1 set of thrustwashers 1T7172.</i>							
<b>4M7182A+2T</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.988/2.5192	68.989/2.7161	2.485/.0978	17.58/.692	F810	7182A UL
		64.013/2.5202	69.009/2.7169				
	2	71.100/2.7992	90.190/3.5508	2.06/.081	F817	7172T IH	
		71.350/2.8090	90.440/3.5606				





8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>THRUST</b>		<i>Use in #2 position.</i>					
<b>1T7172</b> STD, .25		71.100/2.7992	90.190/3.5508		2.06/.081	F817	7172T IH
		71.350/2.8090	90.440/3.5606				

9 Engine		Year	Cyl	Bore x Stroke	9
215ci (3.5L) V6 SOHC 4v (C.I. Block)		01/1993 - 12/1997	V6	96.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B1410A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	57.988/2.2830	60.993/2.4013	1.483/.0584	16.54/.651	F810	1470A IH
		58.014/2.2840	61.006/2.4018				
<b>4M2010A</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,3,4	63.988/2.5192	67.993/2.6769	1.983/.0781	24.50/.965	F810	7225A UL
		64.013/2.5202	68.014/2.6777				
	2	63.988/2.5192	67.993/2.6769	1.983/.0781	28.70/1.130	F810	7226A(F) UL
		64.013/2.5202	68.014/2.6777				

10 Engine		Year	Cyl	Bore x Stroke	10
201ci (3.3L) VIN 3/G/J/R/S/T/U V6 OHV 2v		01/1990 - 12/2010	V6	93.0mm x 81.0mm	
230ci (3.8L) VIN 1/L/P V6 OHV 2v		01/1991 - 12/2011	V6	96.0mm x 87.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B1410A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	57.988/2.2830	60.993/2.4013	1.483/.0584	16.54/.651	F810	1470A IH
		58.014/2.2840	61.006/2.4018				
<b>4M7278A</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,3,4	63.988/2.5192	67.993/2.6769	1.983/.0781	17.65/.695	F810	1948A UL
		64.013/2.5202	68.013/2.6777				
	2	63.988/2.5192	67.993/2.6769	1.983/.0781	23.88/.940	F810	7278A(F) UL
		64.013/2.5202	68.013/2.6777				
<b>4C1405BS</b> STD	<b>CAMS</b>						
	1	50.724/1.9970	54.089/2.1295	1.643/.0647	23.75/.935	F23	7220
		50.775/1.9990	54.115/2.1305				
	2	50.292/1.9800	53.683/2.1135	1.659/.0653	15.62/.615	F23	7221
		50.343/1.9820	53.708/2.1145				
	3	49.911/1.9650	53.302/2.0985	1.659/.0653	15.62/.615	F23	7222
		49.962/1.9670	53.327/2.0995				
	4	49.530/1.9500	52.896/2.0825	1.643/.0647	15.62/.615	F23	7223
		49.581/1.9520	52.921/2.0835				

11 Engine		Year	Cyl	Bore x Stroke	11
239ci (3.9L) Magnum V6 OHV 2v		01/1987 - 12/2003	V6	99.3mm x 84.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B1387A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240	57.150/2.2500	1.584/.0624	18.67/.735	F810	1387A IH
		53.975/2.1250	57.168/2.2507				
<b>4M1701A</b> STD, 010, 020, 030	<b>MAINS</b>						
	1,2	63.487/2.4995	68.390/2.6925	2.436/.0959	22.27/.877	F810	4352A UL
		63.513/2.5005	68.402/2.6930				
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	2703A(F) IH
		63.513/2.5005	68.402/2.6930				
	4	63.487/2.4995	68.390/2.6925	2.436/.0959	33.70/1.327	F810	4354A UL
		63.513/2.5005	68.402/2.6930				
<b>4C1114S</b> STD	<b>CAMS</b>						
	1	50.749/1.9980	54.077/2.1290	1.638/.0645	22.35/.880	F23	7353
		50.775/1.9990	54.127/2.1310				
	2	49.962/1.9670	53.670/2.1130	1.638/.0645	16.00/.630	F23	7354
		49.987/1.9680	53.721/2.1150				



**11 Continued ...** **11**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C1114S</b> STD	3	49.555/1.9510 49.581/1.9520	53.289/2.0980 53.340/2.1000	1.638/.0645	15.75/.620	F23	7355
	4	39.637/1.5605 39.662/1.5615	42.964/1.6915 43.014/1.6935	1.638/.0645	24.00/.945	F23	7356

<b>12 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>12</b>
350ci (B Series) V8 OHV 2v	01/1958 - 12/1958	V8	4.06in x 3.38in	
361ci (B Series) V8 OHV 2v	01/1958 - 12/1964	V8	4.13in x 3.38in	
383ci (B Series) V8 OHV 2v	01/1959 - 12/1972	V8	4.25in x 3.38in	
400ci (B Series) V8 OHV 2v	01/1971 - 12/1978	V8	4.34in x 3.38in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>8B527A</b> STD, 010, 020, 030, 040		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/.0623	23.12/.910	F780	2466 IH
	<i>Dowel hole in lower half.</i>						
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>8B527HD</b> STD, 010		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/.0622	23.12/.910	F781	2466HD UL
	<i>0.001" extra oil clearance on STD journal. Dowel hole in lower half.</i>						
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>8B527HXD</b> STD		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/.0617	23.12/.910	F781	2466HDXD UL
	<i>Flange OD is 3.450".</i>						
<b>MAINS</b>							
<b>5M876A</b> STD, 010, 020, 030, 040	1,2,4,5	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.436/.0959	24.10/.949	F810	2467A UL
	3	66.662/2.6245 66.688/2.6255	71.565/2.8175 71.577/2.8180	2.436/.0959	31.09/1.224	F810	2468A(F) UL
	<b>CAMS</b>						
<b>5C876S</b> STD	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/.0645	19.18/.755	F23	7362
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.18/.755	F23	7363
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	17.12/.674	F23	7364
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7365
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/.0645	19.18/.755	F23	7366

<b>13 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>13</b>
383ci (RB Series) V8 OHV 2v	01/1958 - 12/1960	V8	4.03in x 3.75in	
413ci (RB Series) V8 OHV 2v	01/1959 - 12/1977	V8	4.19in x 3.75in	
426ci (RB Series) V8 OHV 2v	01/1963 - 12/1965	V8	4.25in x 3.75in	
440ci (RB Series) V8 OHV 2v	01/1966 - 12/1980	V8	4.32in x 3.75in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>8B527A</b> STD, 010, 020, 030, 040		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/.0623	23.12/.910	F780	2466 IH
	<i>Dowel hole in lower half.</i>						
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>8B527HD</b> STD, 010		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/.0622	23.12/.910	F781	2466HD UL
	<i>0.001" extra oil clearance on STD journal. Dowel hole in lower half.</i>						
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>8B527HXD</b> STD		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/.0617	23.12/.910	F781	2466HDXD UL
	<b>MAINS</b>						
<b>5M877A</b> STD, 010, 020, 030, 040	1,2,4,5	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.436/.0959	23.97/.944	F810	4362A UL
	3	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.436/.0959	31.09/1.224	F810	4363A(F) UL





13 Continued ...							13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CAMS</b>							
<b>5C876S</b> STD	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/.0645	19.18/.755	F23	7362
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.18/.755	F23	7363
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	17.12/.674	F23	7364
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7365
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/.0645	19.18/.755	F23	7366

14 Engine		Year	Cyl	Bore x Stroke	14
8.0L (488ci) V10 OHV 2v Al Block		01/1992 - 12/2003	V10	4.00in x 3.88in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1B481H</b> STD, 001, 010	<b>CONROD</b>	53.950/2.1240	57.150/2.2500	1.582/.0623	21.52/.847	F781	2700H UL
		53.975/2.1250	57.163/2.2505				
<b>RACE SERIES</b>		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1B481HX</b> STD	<b>CONROD</b>	53.950/2.1240	57.150/2.2500	1.569/.0618	21.52/.847	F781	2700HX UL
		53.975/2.1250	57.163/2.2505				
<b>CONROD</b>		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1B481P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F780	2700 IH
		53.975/2.1250	57.163/2.2505				

15 Engine		Year	Cyl	Bore x Stroke	15
8.0L (488ci) V10 OHV 2v C.I. Block		01/1994 - 12/2003	V10	4.00in x 3.88in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1B481H</b> STD, 001, 010	<b>CONROD</b>	53.950/2.1240	57.150/2.2500	1.582/.0623	21.52/.847	F781	2700H UL
		53.975/2.1250	57.163/2.2505				
<b>RACE SERIES</b>		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1B481HX</b> STD	<b>CONROD</b>	53.950/2.1240	57.150/2.2500	1.569/.0618	21.52/.847	F781	2700HX UL
		53.975/2.1250	57.163/2.2505				
<b>CONROD</b>		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1B481P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F780	2700 IH
		53.975/2.1250	57.163/2.2505				
<b>MAINS</b>							
<b>6M2200P</b> Std, 010, 020, 030	1,6	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/.0959	25.40/1.000	F780	7317 UL
	2,4,5	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/.0959	24.38/.960	F780	7318 UL
	3	76.187/2.9995 76.213/3.0005	81.089/3.1925 81.102/3.1930	2.435/.0959	27.58/1.086	F780	7319(F) UL

16 Engine		Year	Cyl	Bore x Stroke	16
6.4L (392ci) Hemi V8 OHV 2v		01/2011 - On	V8	103.9mm x 94.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1808A</b> STD, .25, .50	<b>CONROD</b>	53.993/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F810	7211A IH
		54.008/2.1263	57.219/2.2527				
<b>RACE SERIES</b>		<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>8B1808H</b> STD, .025, .25	<b>CONROD</b>	53.993/2.1257	57.206/2.2522	1.585/.0624	18.75/.738	F781	7211H UL
		54.008/2.1263	57.219/2.2527				



**16 Continued ... 16**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B1808HX</b> STD	<b>CONROD</b>	53.993/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.572/.0619	18.75/.738	F781	7211HX UL
<b>8B1808P</b> STD, .25, .50	<b>CONROD</b>	53.992/2.1257 54.008/2.1263	57.206/2.2522 57.219/2.2527	1.590/.0626	20.10/.791	F780	7211 IH
<b>1T611S</b> STD	<b>THRUST</b>	72.644/2.8600 73.152/2.8800			2.59/.102	F817	7216T UL

**17 Engine Year Cyl Bore x Stroke 17**  
144ci ED3 (2.4L) GEMA Inline4 DOHC 4v 01/2007 - On L4 88.0mm x 97.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7190A</b> STD, .25, .50	<b>CONROD</b>	51.973/2.0462 51.988/2.0468	50.998/2.0078 51.013/2.0084	1.504/.0592	17.52/.690	F810	7190A IH
<b>5M7191A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	51.973/2.0462 51.986/2.0467	55.999/2.2047 56.017/2.2054	1.999/.0787	18.00/.709	F810	7191A UL
<b>1T7191</b> STD	<b>THRUST</b>	58.000/2.2835			1.95/.077	F817	7191T UL

**18 Engine Year Cyl Bore x Stroke 18**  
241ci (4.0L) V6 SOHC 4v 01/2007 - 12/2012 V6 96.0mm x 91.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Bearings have oil hole. Suits from 2007 on.</i>					
<b>6B7315A</b> STD, .25, .50, .75	<b>CONROD</b>	57.988/2.2830 58.013/2.2840	60.985/2.4010 61.010/2.4020	1.490/.0587	17.30/.681	F810	7315A IH
<b>4M7316A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4			2.485/.0978	18.20/.717	F810	7316A UL
<b>1T7316</b> STD	<b>THRUST</b>				2.03/.080	F817	7316T

**19 Engine Year Cyl Bore x Stroke 19**

273ci V8 OHV 2v	01/1964 - 12/1969	V8	3.63in x 3.31in
301ci V8 OHV 2v	01/1956 - 12/1957	V8	3.91in x 3.13in
303ci V8 OHV 2v	01/1958 - 01/1963	V8	3.81in x 3.31in
313ci V8 OHV 2v	01/1958 - 12/1965	V8	3.88in x 3.31in
326ci V8 OHV 2v	01/1959 - 12/1959	V8	3.95in x 3.31in
340ci V8 OHV 2v	01/1968 - 12/1973	V8	4.04in x 3.31in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B481A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F810	2700A IH
<b>RACE SERIES</b> <b>8B481H</b> STD, 001, 010	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL
<b>RACE SERIES</b> <b>8B481HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
<b>8B481P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH





19 Continued ...								19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b>								
<i>Flange OD is 3.375". Positions 1,2,3,4 have half groove. Position 5 is full groove.</i>								
<b>5M540A</b> STD, 010, 020, 030, 040	1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	22.27/.877	F810	4352A UL	
	3	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	29.26/1.152	F810	4353A(F) UL	
	5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	33.70/1.327	F810	4354A UL	
	<b>CAMS</b>							
	<i>Same as 4C4636</i>							
<b>5C875S</b> STD	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.651/.0650	19.56/.770	F23	4636	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.651/.0650	19.21/.756	F23	4637	
	4	49.555/1.9510 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.651/.0650	19.21/.756	F23	4638	
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639	
<b>20 Engine</b>								
<b>225ci Inline6 OHV 2v</b>				<b>Year</b> 01/1960 - 12/1987	<b>Cyl</b> L6	<b>Bore x Stroke</b> 3.40in x 4.13in		
<b>20</b>								
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<i>For engines with Cast Crankshafts.</i>								
<b>6B1214A</b> STD, 010, 020, 030, 040		55.537/2.1865 55.563/2.1875	58.738/2.3125 58.750/2.3130	1.585/.0624	18.29/.720	F810	1214A IH	
	<b>CONROD</b>							
<i>For engines with Forged Crankshafts. Same as 6B4601A.</i>								
<b>6B606A</b> STD, 010, 020, 030, 040		55.537/2.1865 55.563/2.1875	58.737/2.3125 58.750/2.3130	1.578/.0621	25.14/.990	F820	4601A IH	
	<b>MAINS</b>							
<i>For engines with Cast Crankshafts.</i>								
<b>4M1419A</b> STD, 010, 020, 030, 040	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/.0959	22.40/.882	F810	2724A UL	
	3	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.435/.0959	28.14/1.108	F810	2725A UL	
	<b>MAINS</b>							
<i>For engines with Forged Crankshafts. Standard width flange for all undersizes.</i>								
<b>4M517A</b> STD, 010, 020, 030, 040	1,2,4	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.428/.0956	26.39/1.039	F810	4602A UL	
	3	69.837/2.7495 69.863/2.7505	74.740/2.9425 74.752/2.9430	2.432/.0957	31.88/1.255	F810	4605A(F) UL	
	<b>CAMS</b>							
<b>4C1115S</b> STD	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.625/.0640	19.94/.785	F23	7357	
	2	50.343/1.9820 50.368/1.9830	53.708/2.1145 53.708/2.1145	1.625/.0640	16.00/.630	F23	7358	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.625/.0640	16.00/.630	F23	7359	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7360	
	<b>CAMS</b>							
<i>Same as 4C874S</i>								
<b>4C4606</b> STD	1	50.749/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	23.62/.930	F23	4606	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.30/.760	F23	4607	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	19.30/.760	F23	4608	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.30/.760	F23	4609	
<b>PISTON PIN BUSH</b>								
<b>RB2134Y</b>			26.340/1.0370 26.390/1.0390		30.50/1.201	F100	RB2134Y	



21	Engine	Year	Cyl	Bore x Stroke	21
	170ci Inline6 OHV 2v	01/1960 - 12/1971	L6	3.40in x 3.13in	
	198ci Inline6 OHV 2v	01/1970 - 12/1974	L6	3.40in x 3.64in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Same as 6B4601A.</i>							
<b>6B606A</b> STD, 010, 020, 030, 040		55.537/2.1865	58.737/2.3125	1.578/.0621	25.14/.990	F820	4601A IH
		55.563/2.1875	58.750/2.3130				
<b>MAINS</b> <i>Standard width flange for all undersizes.</i>							
<b>4M517A</b> STD, 010, 020, 030, 040	1,2,4	69.837/2.7495	74.740/2.9425	2.428/.0956	26.39/1.039	F810	4602A UL
		69.863/2.7505	74.752/2.9430				
	3	69.837/2.7495	74.740/2.9425	2.432/.0957	31.88/1.255	F810	4605A(F) UL
		69.863/2.7505	74.752/2.9430				
<b>CAMS</b> <i>Same as 4C8745</i>							
<b>4C4606</b> STD	1	50.749/1.9980	54.089/2.1295	1.638/.0645	23.62/.930	F23	4606
		50.775/1.9990	54.115/2.1305				
	2	50.343/1.9820	53.683/2.1135	1.638/.0645	19.30/.760	F23	4607
		50.368/1.9830	53.708/2.1145				
	3	49.962/1.9670	53.302/2.0985	1.638/.0645	19.30/.760	F23	4608
		49.987/1.9680	53.327/2.0995				
	4	49.555/1.9510	52.895/2.0825	1.638/.0645	19.30/.760	F23	4609
		49.581/1.9520	52.921/2.0835				
<b>PISTON PIN BUSH</b>							
<b>RB2134Y</b>			26.340/1.0370 26.390/1.0390		30.50/1.201	F100	RB2134Y

22	Engine	Year	Cyl	Bore x Stroke	22
	215ci Inline6 OHV 2v	01/1970 - 12/1975	L6	3.52in x 3.68in	
	245ci Inline6 OHV 2v	01/1970 - 06/1980	L6	3.76in x 3.68in	
	265ci Inline6 OHV 2v	01/1970 - 12/1981	L6	3.91in x 3.68in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2430P</b> STD, 010, 020, 030		50.775/1.9990	53.980/2.1252	1.576/.0620	20.82/.820	F780	2430 IH
		50.800/2.0000	53.993/2.1257				
<b>MAINS</b>							
<b>7M4644A</b> STD, 010, 020, 030	1,2,3,4,5,7	63.487/2.4995	68.390/2.6925	2.428/.0956	20.95/.825	F820	4644AL UL
		63.513/2.5005	68.402/2.6930				
	6	63.487/2.4995	68.390/2.6925	2.426/.0955	26.62/1.048	F820	4645AL(F) UL
		63.513/2.5005	68.402/2.6930				
<b>CAMS</b>							
<b>4C4646</b> STD, SF	1	50.749/1.9980	54.089/2.1295	1.638/.0645	19.30/.760	F23	4646
		50.775/1.9990	54.115/2.1305				
	2	50.343/1.9820	53.683/2.1135	1.638/.0645	19.30/.760	F23	4607
		50.368/1.9830	53.708/2.1145				
	3	49.962/1.9670	53.302/2.0985	1.638/.0645	19.30/.760	F23	4608
		49.987/1.9680	53.327/2.0995				
	4	49.555/1.9510	52.895/2.0825	1.638/.0645	19.30/.760	F23	4609
		49.581/1.9520	52.921/2.0835				

23	Engine	Year	Cyl	Bore x Stroke	23
	4.7L (287ci) PowerTech V8 SOHC 2v	06/1999 - On	V8	93.0mm x 86.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings do not have notches.</i>							
<b>8B7206A</b> STD, .25, .50, .75		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7206A IH
		51.003/2.0080	54.005/2.1262				
<b>CONROD</b> <i>Bearing contains a notch.</i>							
<b>8B7210A</b> STD, .25, .50, .75, 1.00		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7210A IH
		51.003/2.0080	54.005/2.1262				





23 Continued ...							23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> .002" oversize OD version of 8B7210A.							
<b>8B7210AO/S2</b> STD, .25, .50, .75, 1.00		50.996/2.0077	54.042/2.1276	1.641/.0646	16.64/.655	F810	9092A
		51.003/2.0080	54.055/2.1281				IH
<b>5M7214A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL
<b>MAINS</b> Set includes 1 set of thrustwashers 1T7214							
<b>5M7214A+2T</b> STD, .25, .50, .75, 1.00		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T
		71.250/2.8051	91.250/3.5925				UL
	1,2,3,4,5	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL
<b>THRUST</b>							
<b>1T7214</b> STD		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T
		71.250/2.8051	91.250/3.5925				UL
<b>CAMS</b> Cam tower repair inserts.							
<b>5C5170A</b> Std, .25	1	25.975/1.0226	29.119/1.1464	1.562/.0615	20.00/.787	F810	5172A
		25.995/1.0234	29.144/1.1474				U
	1,2,3,4,5	25.975/1.0226	29.119/1.1464	1.562/.0615	14.70/.579	F810	5171A
		25.995/1.0234	29.144/1.1474				L
	2,3,4,5	25.975/1.0226	29.119/1.1464	1.562/.0615	14.70/.579	F810	5170A
		25.995/1.0234	29.144/1.1474				U

24 Engine	Year	Cyl	Bore x Stroke	24
122ci (2.0L) Inline4 DOHC 4v VIN Code Y	01/1995 - 11/2004	L4	87.5mm x 83.0mm	
122ci (2.0L) S4RE Inline4 SOHC 4v VIN Code C, F	01/1995 - 12/2005	L4	87.5mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1635A</b> STD, .25, .50, .75, 1.00		47.991/1.8894	50.991/2.0075	1.490/.0587	20.50/.807	F810	7171A
		48.006/1.8900	51.006/2.0081				IH
<b>MAINS</b> For engines from 1996 on.							
<b>5M2028A</b> STD, .25, .50, .75	1,2,4,5	51.991/2.0469	55.997/2.2046	1.986/.0782	19.96/.786	F810	4342A
		52.007/2.0475	56.007/2.2050				UL
	3	51.991/2.0469	55.997/2.2046	1.986/.0782	26.26/1.034	F810	4343A(F)
		52.007/2.0475	56.007/2.2050				UL
<b>MAINS</b> For 1995 engines only.							
<b>5M4372A</b> STD, .25, .50, .75	1,2,4,5	51.991/2.0469	55.997/2.2046	1.986/.0782	19.96/.786	F810	4372A
		52.007/2.0475	56.007/2.2050				L
	1,2,4,5	51.991/2.0469	55.997/2.2046	1.986/.0782	19.96/.786	F810	4342A
		52.007/2.0475	56.007/2.2050				U
	3	51.991/2.0469	55.997/2.2046	1.986/.0782	26.26/1.034	F810	4343A(F)
		52.007/2.0475	56.007/2.2050				U
	3	51.991/2.0469	55.997/2.2046	1.986/.0782	26.26/1.034	F810	4373A(F)
		52.007/2.0475	56.007/2.2050				L

25 Engine	Year	Cyl	Bore x Stroke	25
318ci V8 OHV 2v	01/1957 - 12/2003	V8	3.91in x 3.31in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B481A</b> STD, 010, 020, 030, 040		53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F810	2700A
		53.975/2.1250	57.163/2.2505				IH
<b>RACE SERIES</b>							
<b>8B481H</b> STD, 001, 010		53.950/2.1240	57.150/2.2500	1.582/.0623	21.52/.847	F781	2700H
		53.975/2.1250	57.163/2.2505				UL



25		Continued ...						25
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>CONROD</b>						
<i>0.001" extra oil clearance on STD journal.</i>								
<b>8B481HX</b> STD		53.950/2.1240	57.150/2.2500	1.569/.0618	21.52/.847	F781	2700HX	
		53.975/2.1250	57.163/2.2505				UL	
<b>8B481P</b> STD, 010, 020, 030, 040		53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F780	2700	
		53.975/2.1250	57.163/2.2505				IH	
<b>5M1344A</b> STD, 01, 10, 20, 30, 40		<b>MAINS</b>						
<i>Flange OD is 3.530". Position 1,2,3,4 have half groove. Position 5 is full groove.</i>								
	1,2,4	63.487/2.4995	68.390/2.6925	2.436/.0959	22.27/.877	F810	4352A	
		63.513/2.5005	68.402/2.6930				UL	
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	4357A(F)	
		63.513/2.5005	68.402/2.6930				L	
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	2703A(F)	
	5	63.513/2.5005	68.402/2.6930				U	
		63.487/2.4995	68.390/2.6925	2.436/.0959	33.70/1.327	F810	4354A	
		63.513/2.5005	68.402/2.6930				UL	
	<b>5M540A</b> STD, 010, 020, 030, 040		<b>MAINS</b>					
	<i>Flange OD is 3.375". Positions 1,2,3,4 have half groove. Position 5 is full groove.</i>							
	1,2,4	63.487/2.4995	68.390/2.6925	2.436/.0959	22.27/.877	F810	4352A	
		63.513/2.5005	68.402/2.6930				UL	
	3	63.487/2.4995	68.390/2.6925	2.436/.0959	29.26/1.152	F810	4353A(F)	
		63.513/2.5005	68.402/2.6930				UL	
	5	63.487/2.4995	68.390/2.6925	2.436/.0959	33.70/1.327	F810	4354A	
	63.513/2.5005	68.402/2.6930				UL		
<b>5C1112S</b> STD		<b>CAMS</b>						
	1	50.750/1.9980	54.089/2.1295	1.638/.0645	22.39/.881	F23	4630	
		50.775/1.9990	54.115/2.1305					
	2	50.343/1.9820	53.683/2.1135	1.638/.0645	16.00/.630	F23	4667	
		50.368/1.9830	53.708/2.1145					
	3	49.962/1.9670	53.302/2.0985	1.638/.0645	15.75/.620	F23	4668	
	4	49.987/1.9680	53.327/2.0995					
		49.555/1.9510	52.895/2.0825	1.638/.0645	15.75/.620	F23	4669	
		49.581/1.9520	52.921/2.0835					
	5	39.637/1.5605	42.977/1.6920	1.638/.0645	24.13/.950	F23	4639	
		39.662/1.5615	43.002/1.6930					
<b>5C875S</b> STD		<b>CAMS</b>						
<i>Same as 4C4636</i>								
	1	50.750/1.9980	54.089/2.1295	1.638/.0645	22.39/.881	F23	4630	
		50.775/1.9990	54.115/2.1305					
	2	50.343/1.9820	53.683/2.1135	1.651/.0650	19.56/.770	F23	4636	
		50.368/1.9830	53.708/2.1145					
	3	49.962/1.9670	53.302/2.0985	1.651/.0650	19.21/.756	F23	4637	
	4	49.987/1.9680	53.327/2.0995					
		49.555/1.9510	52.896/2.0825	1.651/.0650	19.21/.756	F23	4638	
		49.581/1.9520	52.921/2.0835					
	5	39.637/1.5605	42.977/1.6920	1.638/.0645	24.13/.950	F23	4639	
		39.662/1.5615	43.002/1.6930					

26		Engine	Year	Cyl	Bore x Stroke	26	
		360ci V8 OHV 2v	01/1971 - 12/2003	V8	4.00in x 3.58in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B481A</b> STD, 010, 020, 030, 040		<b>CONROD</b>					
<i>0.001" extra oil clearance on STD journal.</i>							
		53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F810	2700A
		53.975/2.1250	57.163/2.2505				IH
<b>RACE SERIES</b>		<b>CONROD</b>					
<i>0.001" extra oil clearance on STD journal.</i>							
<b>8B481H</b> STD, 001, 010		53.950/2.1240	57.150/2.2500	1.582/.0623	21.52/.847	F781	2700H
		53.975/2.1250	57.163/2.2505				UL
<b>RACE SERIES</b>		<b>CONROD</b>					
<i>0.001" extra oil clearance on STD journal.</i>							
<b>8B481HX</b> STD		53.950/2.1240	57.150/2.2500	1.569/.0618	21.52/.847	F781	2700HX
		53.975/2.1250	57.163/2.2505				UL





26		Continued ...						26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>8B481P</b> STD, 010, 020, 030, 040	<b>CONROD</b>							
		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH	
<b>5M1051A</b> STD, 010, 020, 030, 040	<b>MAINS</b> <i>Flange OD is 3.680"</i>							
	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2707A UL	
	3	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	29.26/1.152	F810	2708A(F) UL	
	5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL	
	<b>MAINS</b> <i>Flange OD is 3.910"</i>							
<b>5M1266A</b> STD, 001, 010, 020, 030	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2705A IH	
	3	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	29.26/1.152	F810	2706A(F) IH	
	5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL	
	<b>MAINS</b> <i>Overwidth flange version of 5M1266P. Flanges are Std+010" wide.</i>							
	<b>5M2715A</b> 010, 020, 030, 040	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2705A IH
3		71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.558/.1007	29.51/1.162	F810	2715A(F) IH	
5		71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL	
<b>CAMS</b>								
<b>5C1112S</b> STD		1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	16.00/.630	F23	4667	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	15.75/.620	F23	4668	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	15.75/.620	F23	4669	
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639	
	<b>CAMS</b> <i>Same as 4C4636</i>							
<b>5C875S</b> STD	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.651/.0650	19.56/.770	F23	4636	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.651/.0650	19.21/.756	F23	4637	
	4	49.555/1.9510 49.581/1.9520	52.896/2.0825 52.921/2.0835	1.651/.0650	19.21/.756	F23	4638	
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639	

27		Engine			Year	Cyl	Bore x Stroke	27
		426ci Hemi V8 OHV 2v			01/1964 - 12/1971	V8	4.25in x 3.75in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>8B527A</b> STD, 010, 020, 030, 040	<b>CONROD</b>							
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.582/.0623	23.12/.910	F780	2466 IH	
<b>RACE SERIES</b> <b>8B527HD</b> STD, 010	<b>CONROD</b> <i>Dowel hole in lower half.</i>							
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.580/.0622	23.12/.910	F781	2466HD UL	
<b>RACE SERIES</b> <b>8B527HxD</b> STD	<b>CONROD</b> <i>0.001" extra oil clearance on STD journal. Dowel hole in lower half.</i>							
		60.300/2.3740 60.325/2.3750	63.500/2.5000 63.513/2.5005	1.567/.0617	23.12/.910	F781	2466HxD UL	



27		Continued ...						27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5C876S</b> STD	<b>CAMS</b>							
	1	50.750/1.9980 50.775/1.9990	54.090/2.1295 54.115/2.1305	1.638/.0645	19.18/.755	F23	7362	
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	19.18/.755	F23	7363	
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	17.12/.674	F23	7364	
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	19.18/.755	F23	7365	
	5	44.400/1.7480 44.425/1.7490	47.740/1.8795 47.765/1.8805	1.638/.0645	19.18/.755	F23	7366	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
E1A 1118cc Inline4	10/1984 - 12/1996	L4	1118	68	5
G1A 1294cc Inline4	07/1987 - 05/1988	L4	1294	78	5
8HR (DV4C) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	1398	85	4
8HS (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	1398	85	4
8HS (DV4TED) 1398cc Inline4 SOHC 2v Turbo Diesel	08/2008 - On	L4	1398	85	4
8HT (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1398	85	4
8HX (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2002 - On	L4	1398	85	4
8HY (DV4TED4) 1398cc Inline4 DOHC 4v Turbo Diesel	02/2002 - On	L4	1398	85	4
8HZ (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	1398	85	4
DV4D 1398cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	1398	85	4
CRD90 2175cc Inline4 2v Diesel	09/1973 - 12/1979	L4	2175	132	2
M22-621 2175cc Inline4 2v Diesel	10/1975 - 02/1979	L4	2175	132	2
B25-637 2499cc Inline4 2v Diesel	02/1980 - 01/1994	L4	2499	152	1
CRD93B 2499cc Inline4 2v Diesel	11/1979 - 10/1990	L4	2499	152	1
CRD93L (U25-661) 2499cc Inline4 2v Diesel	11/1981 - 02/1994	L4	2499	152	1
CRD93LS (U25-673) 2499cc Inline4 2v Turbo Diesel	01/1987 - 02/1994	L4	2499	152	3
M25-629 2499cc Inline4 2v Diesel	02/1978 - 08/1985	L4	2499	152	1
M25-637 2499cc Inline4 2v Diesel	01/1980 - 12/1992	L4	2499	152	1
M25-648 2499cc Inline4 2v Turbo Diesel	04/1983 - 12/1986	L4	2499	152	3
M25-660 2499cc Inline4 2v Diesel	08/1985 - 12/1992	L4	2499	152	1
M25-661 2499cc Inline4 2v Diesel	02/1978 - 10/1990	L4	2499	152	1
M25-669 2499cc Inline4 2v Turbo Diesel	01/1987 - 12/1992	L4	2499	152	3

1	Engine	Year	Cyl	Bore x Stroke	1
	B25-637 2499cc Inline4 2v Diesel	02/1980 - 01/1994	L4	93.0mm x 92.0mm	
	CRD93B 2499cc Inline4 2v Diesel	11/1979 - 10/1990	L4	93.0mm x 92.0mm	
	CRD93L (U25-661) 2499cc Inline4 2v Diesel	11/1981 - 02/1994	L4	93.0mm x 92.0mm	
	M25-629 2499cc Inline4 2v Diesel	02/1978 - 08/1985	L4	93.0mm x 92.0mm	
	M25-637 2499cc Inline4 2v Diesel	01/1980 - 12/1992	L4	93.0mm x 92.0mm	
	M25-660 2499cc Inline4 2v Diesel	08/1985 - 12/1992	L4	93.0mm x 92.0mm	
	M25-661 2499cc Inline4 2v Diesel	02/1978 - 10/1990	L4	93.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B3062A</b> STD, .25, .50		53.990/2.1256 54.005/2.1262	57.675/2.2707 57.685/2.2711	1.826/.0719	24.50/.965	F810	3062A UL
	<b>MAINS</b>						
<b>5M3064A</b> STD, .25, .50	1,2,3,4,5	67.035/2.6392 67.050/2.6398	71.695/2.8226 71.705/2.8230	2.317/.0912	28.70/1.130	F810	3064A IH
	<b>THRUST</b>						
<b>2T3064A</b> STD		75.500/2.9724 75.750/2.9823	89.000/3.5039 89.100/3.5079		3.14/.124	F817	3064T UL
	<b>THRUST</b>						
<b>2T3065A</b> STD					3.14/.124	F817	3065T UL
	<b>PISTON PIN BUSH</b>						
<b>RB4165</b>		30.008/1.1814 30.014/1.1817	33.000/1.2992 33.033/1.3005		31.90/1.256	F100	RB4165

2	Engine	Year	Cyl	Bore x Stroke	2
	CRD90 2175cc Inline4 2v Diesel	09/1973 - 12/1979	L4	90.0mm x 85.5mm	
	M22-621 2175cc Inline4 2v Diesel	10/1975 - 02/1979	L4	90.0mm x 85.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B3062A</b> STD, .25, .50		53.990/2.1256 54.005/2.1262	57.675/2.2707 57.685/2.2711	1.826/.0719	24.50/.965	F810	3062A UL
	<b>PISTON PIN BUSH</b>						
<b>RB4165</b>		30.008/1.1814 30.014/1.1817	33.000/1.2992 33.033/1.3005		31.90/1.256	F100	RB4165

3	Engine	Year	Cyl	Bore x Stroke	3
	CRD93LS (U25-673) 2499cc Inline4 2v Turbo Diesel	01/1987 - 02/1994	L4	93.0mm x 92.0mm	
	M25-648 2499cc Inline4 2v Turbo Diesel	04/1983 - 12/1986	L4	93.0mm x 92.0mm	
	M25-669 2499cc Inline4 2v Turbo Diesel	01/1987 - 12/1992	L4	93.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>MAINS</b>						
<b>5M3064A</b> STD, .25, .50	1,2,3,4,5	67.035/2.6392 67.050/2.6398	71.695/2.8226 71.705/2.8230	2.317/.0912	28.70/1.130	F810	3064A IH
	<b>THRUST</b>						
<b>2T3064A</b> STD		75.500/2.9724 75.750/2.9823	89.000/3.5039 89.100/3.5079		3.14/.124	F817	3064T UL





4	Engine	Year	Cyl	Bore x Stroke	4
	8HR (DV4C) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	73.7mm x 82.0mm	
	8HS (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	73.7mm x 82.0mm	
	8HS (DV4TED) 1398cc Inline4 SOHC 2v Turbo Diesel	08/2008 - On	L4	73.7mm x 82.0mm	
	8HT (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	73.7mm x 82.0mm	
	8HX (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2002 - On	L4	73.7mm x 82.0mm	
	8HY (DV4TED4) 1398cc Inline4 DOHC 4v Turbo Diesel	02/2002 - On	L4	73.7mm x 82.0mm	
	8HZ (DV4TD) 1398cc Inline4 SOHC 2v Turbo Diesel	11/2009 - On	L4	73.7mm x 82.0mm	
	DV4D 1398cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	73.7mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7770P</b> STD, .30		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F780	7770
		44.991/1.7713	48.671/1.9162				U
		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F810	7770A
		44.991/1.7713	48.671/1.9162				L
<b>MAINS</b>							
<b>5M7772A</b> STD, .30, .50	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	20.40/.803	F780	7772
		49.981/1.9678	53.674/2.1131				U
	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	19.90/.784	F780	7773
		49.981/1.9678	53.674/2.1131				L
<b>THRUST</b>							
<b>1T7772</b> STD		55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T
		55.480/2.1842	71.700/2.8228				IH
<b>PISTON PIN BUSH</b>							
<b>RB4166</b> UNB		24.995/.9841	28.000/1.1024		19.98/.787	F100	RB4166
		25.000/.9843	28.021/1.1032				

5	Engine	Year	Cyl	Bore x Stroke	5
	E1A 1118cc Inline4	10/1984 - 12/1996	L4	72.0mm x 69.0mm	
	G1A 1294cc Inline4	07/1987 - 05/1988	L4	76.7mm x 70.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7767A</b> STD, .20, .50		40.959/1.6126	44.005/1.7325	1.509/.0594	19.24/.758	F810	7767A
		40.967/1.6129	44.013/1.7328				IH
<b>MAINS</b>							
<b>5M7768A</b> STD	1,5	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7768A
		51.976/2.0463	55.892/2.2005				UL
	2,4	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7769A
		51.976/2.0463	55.892/2.2005				IH
	3	51.966/2.0459	55.882/2.2001	1.924/.0757	24.68/.972	F810	7774A
		51.976/2.0463	55.892/2.2005				UL
<b>THRUST</b>							
<b>1T7768</b> STD		56.900/2.2402	74.000/2.9134		2.36/.093	F817	7768T
		57.150/2.2500	74.250/2.9232				UL

# Commer



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1725cc Inline4 OHV 2v	01/1955 - 01/1974	L4	1725	105	1





1	Engine	Year	Cyl	Bore x Stroke	1		
	1725cc Inline4 OHV 2v	01/1955 - 01/1974	L4	81.5mm x 82.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B1531A</b> STD, 010, 020, 030, 040, 050		53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.835/.0722	19.17/.755	F820	1531AL IH
	<b>MAINS</b>						
<b>5M6162</b> STD, 010, 020, 030, 040, 050	1,3,5	60.300/2.3740 60.312/2.3745	64.000/2.5197 64.021/2.5205	1.835/.0722	35.05/1.380	F23	6162 IH
	2,4	60.300/2.3740 60.312/2.3745	64.000/2.5197 64.021/2.5205	1.835/.0722	19.30/.760	F23	6163 IH
	<b>THRUST</b>						
<b>1T6162</b> STD, 005		65.790/2.5902 66.040/2.6000	83.110/3.2720 83.360/3.2819		2.36/.093	F250	6162T IH
	<b>CAMS</b>						
<b>3C6126</b> STD	1,2,3	44.374/1.7470 44.392/1.7477	47.701/1.8780 47.727/1.8790	1.638/.0645	25.40/1.000	F23	6126
	<b>PISTON PIN BUSH</b>						
<b>RB896</b>		23.810/.9374 23.818/.9377	26.975/1.0620 26.987/1.0625	1.760/.0693	25.40/1.000	F100	RB896

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
F8CV 796cc Inline3 OHV 2v	10/1999 - 12/2004	L3	796	48	5
1.0L S-TEC Inline4 SOHC 2v	01/2000 - On	L4	995	60	3
A15MF 1498cc Inline4 DOHC 4v	01/1995 - 06/1998	L4	1498	91	4
A15SMS 1498cc Inline4 SOHC 2v	01/1997 - 12/2003	L4	1498	91	4
G15MF 1498cc Inline4 SOHC 2v	01/1994 - 04/1998	L4	1498	91	4
A16DMS 1598cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	1598	97	4
C16LZ2 1598cc Inline4 SOHC 2v	01/1989 - On	L4	1598	97	4
C20LE 1998cc Inline4 SOHC 2v	03/1995 - 08/1997	L4	1998	121	2
C20SED 1998cc Inline4 DOHC 4v	08/1997 - 04/1999	L4	1998	121	2
T22SED 2198cc Inline4 DOHC 4v	04/1999 - 12/2002	L4	2198	134	1



1 Engine		Year	Cyl	Bore x Stroke	1		
T22SED 2198cc Inline4 DOHC 4v		04/1999 - 12/2002	L4	86.0mm x 94.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		0.001" extra oil clearance on STD journal.					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>							
<b>5M2325A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F)
		57.995/2.2833	62.013/2.4415				IH

2 Engine		Year	Cyl	Bore x Stroke	2		
C20LE 1998cc Inline4 SOHC 2v		03/1995 - 08/1997	L4	86.0mm x 86.0mm			
C20SED 1998cc Inline4 DOHC 4v		08/1997 - 04/1999	L4	86.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		0.001" extra oil clearance on STD journal.					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b> <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
<b>5M2293A</b> STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b> <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

3 Engine		Year	Cyl	Bore x Stroke	3		
1.0L S-TEC Inline4 SOHC 2v		01/2000 - On	L4	68.5mm x 67.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> = 4B8341A							
<b>4B1266A</b> STD, .25, .50, .75, 1.00		37.982/1.4954	40.998/1.6141	1.490/.0587	18.00/.709	F810	1266A
		38.000/1.4961	41.017/1.6148				IH

**3 Continued ...** **3**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1267A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	43.982/1.7316 44.000/1.7323	47.998/1.8897 48.018/1.8905	1.993/.0785	17.13/.674	F810	1267A IH
	<b>THRUST</b>	52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH

**4 Engine** **4**

Engine	Year	Cyl	Bore x Stroke
A15MF 1498cc Inline4 DOHC 4v	01/1995 - 06/1998	L4	76.0mm x 81.5mm
A15SMS 1498cc Inline4 SOHC 2v	01/1997 - 12/2003	L4	76.5mm x 81.5mm
A16DMS 1598cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	79.0mm x 81.5mm
C16LZ2 1598cc Inline4 SOHC 2v	01/1989 - On	L4	79.0mm x 81.5mm
G15MF 1498cc Inline4 SOHC 2v	01/1994 - 04/1998	L4	76.5mm x 81.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1350A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Oil hole in upper and lower shell. Supercedes 4B1340 and 4B1345. Was 4B1451AL.</i>					
		42.971/1.6918 42.987/1.6924	46.000/1.8110 46.013/1.8115	1.497/.0589	16.63/.655	F810	1350A IH
<b>5M1338A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>					
	1,2,4,5	54.972/2.1642 54.985/2.1648	59.000/2.3228 59.013/2.3233	2.001/.0788	19.50/.768	F810	1338A IH
	3	54.972/2.1642 54.985/2.1648	59.000/2.3228 59.013/2.3233	2.001/.0788	25.90/1.020	F810	1339A(F) IH

**5 Engine** **5**

Engine	Year	Cyl	Bore x Stroke
F8CV 796cc Inline3 OHV 2v	10/1999 - 12/2004	L3	68.5mm x 72.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>3B1266A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>= 3B8341A</i>					
		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
<b>4M1267A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4	43.982/1.7316 44.000/1.7323	47.998/1.8897 48.018/1.8905	1.993/.0785	17.13/.674	F810	1267A IH
	<b>THRUST</b>	52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AB 547cc Inline2 SOHC 2v	04/1976 - 10/1988	L2	547	33	5
EB 547cc Inline3 SOHC 2v	08/1985 - 07/1990	L3	547	33	9
AD 617cc Inline2 SOHC 2v	05/1982 - 05/1985	L2	617	37	5
EF 659cc Inline3 SOHC/DOHC 2v/4v	03/1990 - 12/2007	L3	659	40	9
CD 843cc Inline3 SOHC 2v	05/1982 - 05/1998	L3	843	51	6
ED-10 846cc Inline3 SOHC 2v	01/1985 - On	L3	846	51	4
FE 958cc Inline4 OHV 2v	01/1964 - 12/1977	L4	958	58	10
EJ 989cc Inline3 DOHC 4v	02/1998 - On	L3	989	60	4
CB 993cc Inline3 SOHC 2v	01/1977 - 01/1997	L3	993	60	6
CB-T 993cc Inline3 SOHC/DOHC 2v/4v Turbo	08/1984 - 05/1993	L3	993	60	13
CL 993cc Inline3 SOHC 2v Diesel	01/1983 - 12/1992	L3	993	60	7
CL-T 993cc Inline3 SOHC 2v Turbo Diesel	08/1984 - 01/1993	L3	993	60	1
HC-E 1295cc Inline4 SOHC 4v	01/1988 - 11/2000	L4	1295	79	12
K3-VE 1297cc Inline4 DOHC 4v	05/2000 - On	L4	1297	79	2
K3-VET 1297cc Inline4 DOHC 4v Turbo	01/2002 - On	L4	1297	79	2
3SZ-VE 1495cc Inline4 DOHC 4v	11/2005 - On	L4	1495	91	3
HD-E 1589cc Inline4 SOHC 4v	01/1988 - 02/2000	L4	1589	96	12
DG 2530cc Inline4 OHV 2v Diesel	01/1965 - 04/1984	L4	2530	154	11
DL 2765cc Inline4 OHV 2v Diesel	10/1982 - 04/1999	L4	2765	168	14
DL-T 2765cc Inline4 SOHC 2v Turbo Diesel	04/1984 - 01/2000	L4	2765	168	8

1 Engine		Year		Cyl	Bore x Stroke		1
CL-T 993cc Inline3 SOHC 2v Turbo Diesel		08/1984 - 01/1993		L3	76.0mm x 73.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B8023A</b> STD			48.000/1.8898 48.020/1.8905	1.494/.0588	20.10/.791	F810	8023A IH
<b>MAINS</b>							
<b>4M8025A</b> STD, .25, .50, .75	1,2,3,4		52.004/2.0474 52.200/2.0551	1.994/.0785	17.10/.673	F810	8025A UL
<b>THRUST</b>							
<b>1T8025</b> STD			1727.200/68.000 0		1.99/.078	F817	8025T UL
<b>BALANCE</b>							
<b>2BS8453</b> STD, .25, .50, .75, 1.00, 1.25	1	44.950/1.7697 44.975/1.7707	48.000/1.8898 48.025/1.8907	1.500/.0591	17.00/.669	F820	8452
	2	33.950/1.3366 33.975/1.3376	37.000/1.4567 37.025/1.4577	1.500/.0591	20.00/.787	F820	8453
2 Engine		Year		Cyl	Bore x Stroke		2
K3-VE 1297cc Inline4 DOHC 4v K3-VET 1297cc Inline4 DOHC 4v Turbo		05/2000 - On 01/2002 - On		L4 L4	72.0mm x 79.7mm 72.0mm x 79.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8425A</b> STD			43.000/1.6929 43.020/1.6937	1.492/.0587	13.20/.520	F810	8425A IH
<b>MAINS</b>							
<b>5M8426A</b> STD	1,2,3,4,5			1.992/.0784	14.90/.587	F810	8426A UL
<b>THRUST</b>							
<b>1T8126</b> STD		52.250/2.0571 52.500/2.0669	62.750/2.4705 63.000/2.4803		1.99/.078	F817	8126T IH
3 Engine		Year		Cyl	Bore x Stroke		3
3S2-VE 1495cc Inline4 DOHC 4v		11/2005 - On		L4	72.0mm x 91.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8436A</b> STD, .25, .50, .75			45.000/1.7717 45.020/1.7724	1.492/.0587	13.00/.512	F810	8436A IH
<b>MAINS</b>							
<b>5M8438A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	45.989/1.8106 46.000/1.8110	50.000/1.9685 50.018/1.9692	1.992/.0784	14.90/.587	F810	8438A UL
<b>THRUST</b>							
<b>1T8438</b> STD						F817	8438T U
4 Engine		Year		Cyl	Bore x Stroke		4
ED-10 846cc Inline3 SOHC 2v EJ 989cc Inline3 DOHC 4v		01/1985 - On 02/1998 - On		L3 L3	66.6mm x 81.0mm 72.0mm x 81.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B8120A</b> STD, .25, .50, .75, 1.00, 1.25		39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.494/.0588	16.00/.630	F810	8120A IH
<b>MAINS</b>							
<b>4M8126A</b> STD, .25, .50, .75, 1.00	1,2,3,4	45.985/1.8104 46.000/1.8110	50.000/1.9685 50.020/1.9693	1.994/.0785	16.00/.630	F810	8126A UL
<b>THRUST</b>							
<b>1T8126</b> STD		52.250/2.0571 52.500/2.0669	62.750/2.4705 63.000/2.4803		1.99/.078	F817	8126T IH



5	Engine	Year	Cyl	Bore x Stroke	5
	AB 547cc Inline2 SOHC 2v	04/1976 - 10/1988	L2	71.6mm x 76.0mm	
	AD 617cc Inline2 SOHC 2v	05/1982 - 05/1985	L2	76.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>2B8010A</b> STD, .25, .50, .75, 1.00		39.975/1.5738	43.000/1.6929	1.490/.0587	18.00/.709	F810	8010A
		40.000/1.5748	43.024/1.6939				IH
<b>MAINS</b>							
<b>3M8011A</b> STD, .25, .50, .75, 1.00	1-3	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A
		42.000/1.6535	46.024/1.8120				IH
<b>MAINS</b>							
<b>3M8015A</b> STD, .25, .50, .75, 1.00	1-3	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8015A
		42.000/1.6535	46.024/1.8120				UL
<b>THRUST</b>							
<b>1T8011</b> STD		47.750/1.8799	61.750/2.4311		1.98/.078	F817	8011T
		48.000/1.8898	62.000/2.4409				IH
<b>BALANCE</b>							
<b>4BS8452</b> STD, .25, .50, .75, 1.00, 1.25	1	44.950/1.7697	48.000/1.8898	1.500/.0591	17.00/.669	F820	8452
		44.975/1.7707	48.025/1.8907				
	2	33.950/1.3366	37.000/1.4567	1.500/.0591	20.00/.787	F820	8453
		33.975/1.3376	37.025/1.4577				

6	Engine	Year	Cyl	Bore x Stroke	6
	CB 993cc Inline3 SOHC 2v	01/1977 - 01/1997	L3	76.0mm x 73.0mm	
	CD 843cc Inline3 SOHC 2v	05/1982 - 05/1998	L3	70.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B8010A</b> STD, .25, .50, .75, 1.00, 1.25		39.975/1.5738	43.000/1.6929	1.490/.0587	18.00/.709	F810	8010A
		40.000/1.5748	43.024/1.6939				IH
<b>MAINS</b>							
<b>4M8009A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4	<i>Half grooved set.</i>		1.990/.0783	19.50/.768	F810	8009A
		41.975/1.6526	46.000/1.8110				
	1,2,3,4	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A
		42.000/1.6535	46.024/1.8120				U
<b>MAINS</b>							
<b>4M8011A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4	<i>Fully grooved set.</i>		1.990/.0783	19.50/.768	F810	8011A
		41.975/1.6526	46.000/1.8110				
42.000/1.6535	46.024/1.8120						
<b>THRUST</b>							
<b>1T8011</b> STD		47.750/1.8799	61.750/2.4311		1.98/.078	F817	8011T
		48.000/1.8898	62.000/2.4409				IH
<b>BALANCE</b>							
<b>2BS8453</b> STD, .25, .50, .75, 1.00, 1.25	1	44.950/1.7697	48.000/1.8898	1.500/.0591	17.00/.669	F820	8452
		44.975/1.7707	48.025/1.8907				
	2	33.950/1.3366	37.000/1.4567	1.500/.0591	20.00/.787	F820	8453
		33.975/1.3376	37.025/1.4577				

7	Engine	Year	Cyl	Bore x Stroke	7
	CL 993cc Inline3 SOHC 2v Diesel	01/1983 - 12/1992	L3	76.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B8010A</b> STD, .25, .50, .75, 1.00, 1.25		39.975/1.5738	43.000/1.6929	1.490/.0587	18.00/.709	F810	8010A
		40.000/1.5748	43.024/1.6939				IH
<b>MAINS</b>							
<b>4M8009A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4	<i>Half grooved set.</i>		1.990/.0783	19.50/.768	F810	8009A
		41.975/1.6526	46.000/1.8110				
	1,2,3,4	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A
		42.000/1.6535	46.024/1.8120				U



**7 Continued ... 7**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Fully grooved set.</i>					
<b>4M8011A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4	41.975/1.6526	46.000/1.8110	1.990/.0783	19.50/.768	F810	8011A IH
		42.000/1.6535	46.024/1.8120				
<b>1T8011</b> STD	<b>THRUST</b>	47.750/1.8799	61.750/2.4311	1.98/.078	F817	8011T IH	
		48.000/1.8898	62.000/2.4409				

**8 Engine Year Cyl Bore x Stroke 8**  
DL-T 2765cc Inline4 SOHC 2v Turbo Diesel 04/1984 - 01/2000 L4 92.0mm x 104.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1426A</b> STD, .25, .50, .75, 1.0, 1.25,	<b>CONROD</b>	54.970/2.1642	58.000/2.2835	1.487/.0585	27.63/1.088	F810	1426A IH
		54.980/2.1646	58.020/2.2842				

<b>5M1382A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>					
		1,3,5	67.950/2.6752	72.000/2.8346	2.002/.0788	30.00/1.181	F810
	1,5	67.970/2.6760	72.019/2.8354	2.002/.0788	30.00/1.181	F810	1382A L
		67.950/2.6752	72.000/2.8346				
	2,4	67.970/2.6760	72.019/2.8354	2.002/.0788	24.00/.945	F810	1384A UL
		67.950/2.6752	72.000/2.8346				
	3	67.950/2.6752	72.000/2.8346	2.002/.0788	37.95/1.494	F810	1385A(F) L
		67.970/2.6760	72.019/2.8354				

<b>5M1392A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>					
		1	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810
	1,2,4,5	67.970/2.6760	72.019/2.8354	2.002/.0788	24.00/.945	F810	1393A L
		67.950/2.6752	72.000/2.8346				
	2,3,4,5	67.970/2.6760	72.019/2.8354	2.002/.0788	24.00/.945	F810	1393A U
		67.950/2.6752	72.000/2.8346				
	3	67.950/2.6752	72.000/2.8346	2.002/.0788	37.95/1.494	F810	1394A(F) L
		67.970/2.6760	72.019/2.8354				

<b>3C8454A</b> STD	<b>CAMS</b>	<i>Suits engines up to 08/1987.</i>						
		1	45.950/1.8091	50.005/1.9687	50.851/2.0020	23.00/.906	F820	8454A
			45.970/1.8098	50.030/1.9697				
		2	45.650/1.7972	50.005/1.9687	2.152/.0847	25.00/.984	F820	8455A
			45.670/1.7980	50.030/1.9697				
		3	45.350/1.7854	50.005/1.9687	2.302/.0906	23.00/.906	F820	8456A
45.370/1.7862	50.030/1.9697							

<b>5C8460A</b> STD	<b>CAMS</b>	<i>Suits engines from 09/1987.</i>						
		1	50.605/1.9923		2.000/.0787	22.00/.866	F820	8460A
			50.325/1.9813					
		2	50.025/1.9695		2.000/.0787	18.00/.709	F820	8462A
			49.705/1.9569					
		3	50.005/1.9687		2.300/.0906	22.00/.866	F820	8464A
50.005/1.9687								

<b>4RB4094</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.720/.0677	30.00/1.181	F100	4RB4094
		31.000/1.2205 31.025/1.2215					

<b>4RB4145</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.530/.0602	30.00/1.181	F100	4RB4145
		25.990/1.0232 26.000/1.0236					



8 Continued ...								8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b>								
<b>RB4094</b> UNB			31.000/1.2205 31.025/1.2215	1.720/.0677	30.00/1.181	F100	RB4094	
9 Engine								9
EB 547cc Inline3 SOHC 2v				08/1985 - 07/1990	L3	62.0mm x 60.5mm		
EF 659cc Inline3 SOHC/DOHC 2v/4v				03/1990 - 12/2007	L3	68.0mm x 60.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>3B8020A</b> STD, .25, .50, .75, 1.00		36.980/1.4559 37.000/1.4567	40.000/1.5748 40.020/1.5756	1.494/.0588	15.00/.591	F810	8020A IH	
<b>MAINS</b>								
<b>4M8019A</b> STD, .25, .50	1,2,3,4	41.980/1.6528 42.000/1.6535	46.000/1.8110 46.020/1.8118	1.994/.0785	16.00/.630	F810	8019A UL	
<b>THRUST</b>								
<b>1T8019</b> STD		48.025/1.8907 48.275/1.9006	58.750/2.3130 59.000/2.3228		1.99/.078	F817	8019T IH	
10 Engine								10
FE 958cc Inline4 OHV 2v				01/1964 - 12/1977	L4	68.0mm x 66.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1351A</b> STD, .25, .50, .75, 1.00, 1.25		41.986/1.6530 42.000/1.6535	44.999/1.7716 45.019/1.7724	1.488/.0586	21.13/.832	F810	1351A IH	
<b>MAINS</b>								
<b>3M8043A</b> STD, .25, .50, .75, 1.00, 1.25	1,2	49.990/1.9681 50.000/1.9685	54.000/2.1260 54.020/2.1268	1.985/.0781	22.13/.871	F810	8043A IH	
	3	49.990/1.9681 50.000/1.9685	54.000/2.1260 54.020/2.1268	1.985/.0781	31.95/1.258	F810	8044A(F) IH	
11 Engine								11
DG 2530cc Inline4 OHV 2v Diesel				01/1965 - 04/1984	L4	88.0mm x 104.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1426A</b> STD, .25, .50, .75, 1.0, 1.25		54.970/2.1642 54.980/2.1646	58.000/2.2835 58.020/2.2842	1.487/.0585	27.63/1.088	F810	1426A IH	
<b>MAINS</b>								
<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>								
<b>5M1382A</b> STD, .25, .50, .75, 1.00, 1.25	1,3,5	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	30.00/1.181	F810	1382A U	
	1,5	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	30.00/1.181	F810	1382A L	
	2,4	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	24.00/.945	F810	1384A UL	
	3	67.950/2.6752 67.970/2.6760	72.000/2.8346 72.019/2.8354	2.002/.0788	37.95/1.494	F810	1385A(F) L	
<b>MAINS</b>								
<b>5M1427P</b> STD, .25, .50, .75, 1.00	1,3,5	67.955/2.6754 67.970/2.6760	71.999/2.8346 72.017/2.8353	1.999/.0787	29.97/1.180	F780	1427 UL	
	2,4	67.955/2.6754 67.970/2.6760	71.999/2.8346 72.017/2.8353	1.999/.0787	24.00/.945	F780	1428 UL	
<b>THRUST</b>								
<b>1T1427</b> STD		76.250/3.0020 76.250/3.0020	94.000/3.7008 94.000/3.7008		2.98/.117		1427T IH	
<b>CAMS</b>								
<i>Suits engines up to 08/1987.</i>								
<b>3C8454A</b> STD	1	45.950/1.8091 45.970/1.8098	50.005/1.9687 50.030/1.9697	50.851/2.0020	23.00/.906	F820	8454A	



**11 Continued ... 11**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>3C8454A</b> STD.	2	45.650/1.7972 45.670/1.7980	50.005/1.9687 50.030/1.9697	2.152/.0847	25.00/.984	F820	8455A	
	3	45.350/1.7854 45.370/1.7862	50.005/1.9687 50.030/1.9697	2.302/.0906	23.00/.906	F820	8456A	
<b>4RB4022</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>		26.000/1.0236 26.000/1.0236	29.000/1.1417 29.025/1.1427	1.650/.0650	30.00/1.181	F100	4RB4022
	<b>PISTON PIN BUSH</b>			38.895/1.5313 38.920/1.5323	2.110/.0831	34.25/1.348	F100	RB4002
<b>RB4002</b> UNB	<b>PISTON PIN BUSH</b>			38.895/1.5313 38.920/1.5323	2.110/.0831	34.25/1.348	F100	RB4002
<b>RB4022</b> UNB	<b>PISTON PIN BUSH</b>		26.000/1.0236 26.000/1.0236	29.000/1.1417 29.025/1.1427	1.650/.0650	30.00/1.181	F100	RB4022

**12 Engine Year Cyl Bore x Stroke 12**

HC-E 1295cc Inline4 SOHC 4v	01/1988 - 11/2000	L4	76.0mm x 71.4mm
HD-E 1589cc Inline4 SOHC 4v	01/1988 - 02/2000	L4	76.0mm x 87.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8016A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.490/.0587	18.00/.709	F810	8016A IH
	<b>MAINS</b>		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	1.996/.0786	18.10/.713	F810	8017A IH
<b>5M8017A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5							
	<b>THRUST</b>		57.000/2.2441 57.250/2.2539	75.750/2.9823 76.000/2.9921		2.49/.098	F817	8017T IH

**13 Engine Year Cyl Bore x Stroke 13**

CB-T 993cc Inline3 SOHC/DOHC 2v/4v Turbo	08/1984 - 05/1993	L3	76.0mm x 73.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>3B8010A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>		39.975/1.5738 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.490/.0587	18.00/.709	F810	8010A IH
	<b>CONROD</b>			46.000/1.8110 46.020/1.8118	38.024/1.4970	18.00/.709	F780	8024 IH
<b>3B8024A</b> STD	<b>MAINS</b>		<i>Half grooved set.</i>					
	1,2,3,4		41.975/1.6526 42.000/1.6535	46.000/1.8110 46.024/1.8120	1.990/.0783	19.50/.768	F810	8009A L
	1,2,3,4		41.975/1.6526 42.000/1.6535	46.000/1.8110 46.024/1.8120	1.990/.0783	19.50/.768	F810	8011A U
<b>4M8009A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4			52.004/2.0474 52.200/2.0551	1.994/.0785	17.10/.673	F810	8025A UL
	<b>THRUST</b>		47.750/1.8799 48.000/1.8898	61.750/2.4311 62.000/2.4409		1.98/.078	F817	8011T IH
<b>1T8011</b> STD	<b>THRUST</b>			1727.200/68.000 0		1.99/.078	F817	8025T UL
	<b>BALANCE</b>							
<b>2BS8453</b> STD, .25, .50, .75, 1.00, 1.25	1		44.950/1.7697 44.975/1.7707	48.000/1.8898 48.025/1.8907	1.500/.0591	17.00/.669	F820	8452
	2		33.950/1.3366 33.975/1.3376	37.000/1.4567 37.025/1.4577	1.500/.0591	20.00/.787	F820	8453



14 Engine		Year		Cyl	Bore x Stroke		14	
DL 2765cc Inline4 OHV 2v Diesel		10/1982 - 04/1999		L4	92.0mm x 104.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1426A</b> STD, .25, .50, .75, 1.0, 1.25		54.970/2.1642	58.000/2.2835	1.487/.0585	27.63/1.088	F810	1426A	
		54.980/2.1646	58.020/2.2842				IH	
<b>MAINS</b>								
<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>								
<b>5M1382A</b> STD, .25, .50, .75, 1.00, 1.25	1,3,5	67.950/2.6752	72.000/2.8346	2.002/.0788	30.00/1.181	F810	1382A	
		67.970/2.6760	72.019/2.8354				U	
	1,5	67.950/2.6752	72.000/2.8346	2.002/.0788	30.00/1.181	F810	1382A	
		67.970/2.6760	72.019/2.8354				L	
	2,4	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1384A	
		67.970/2.6760	72.019/2.8354				UL	
	3	67.950/2.6752	72.000/2.8346	2.002/.0788	37.95/1.494	F810	1385A(F)	
		67.970/2.6760	72.019/2.8354				L	
	<b>MAINS</b>							
	<i>Has overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.50mm=Std+0.34mm.</i>							
<b>5M1392A</b> STD, .25, .50, .75, 1.00, 1.25	1	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1392A	
		67.970/2.6760	72.019/2.8354				U	
	1,2,4,5	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1393A	
		67.970/2.6760	72.019/2.8354				L	
	2,3,4,5	67.950/2.6752	72.000/2.8346	2.002/.0788	24.00/.945	F810	1393A	
		67.970/2.6760	72.019/2.8354				U	
	3	67.950/2.6752	72.000/2.8346	2.002/.0788	37.95/1.494	F810	1394A(F)	
		67.970/2.6760	72.019/2.8354				L	
	<b>CAMS</b>							
	<i>Suits engines up to 08/1987.</i>							
<b>3C8454A</b> STD	1	45.950/1.8091	50.005/1.9687	50.851/2.0020	23.00/.906	F820	8454A	
		45.970/1.8098	50.030/1.9697					
	2	45.650/1.7972	50.005/1.9687	2.152/.0847	25.00/.984	F820	8455A	
		45.670/1.7980	50.030/1.9697					
	3	45.350/1.7854	50.005/1.9687	2.302/.0906	23.00/.906	F820	8456A	
		45.370/1.7862	50.030/1.9697					
<b>CAMS</b>								
<i>Suits engines from 09/1987.</i>								
<b>5C8460A</b> STD	1		50.605/1.9923	2.000/.0787	22.00/.866	F820	8460A	
	2		50.325/1.9813	2.000/.0787	18.00/.709	F820	8461A	
	3		50.025/1.9695	2.000/.0787	18.00/.709	F820	8462A	
	4		49.705/1.9569	2.000/.0787	18.00/.709	F820	8463A	
	5		50.005/1.9687	2.300/.0906	22.00/.866	F820	8464A	
<b>PISTON PIN BUSH</b>								
<i>Set of 4.</i>								
<b>4RB4022</b> UNB		26.000/1.0236	29.000/1.1417	1.650/.0650	30.00/1.181	F100	4RB4022	
		26.000/1.0236	29.025/1.1427					
<b>PISTON PIN BUSH</b>								
<i>Set of 4.</i>								
<b>4RB4094</b> UNB			31.000/1.2205	1.720/.0677	30.00/1.181	F100	4RB4094	
			31.025/1.2215					
<b>PISTON PIN BUSH</b>								
<i>Set of 4.</i>								
<b>4RB4145</b> UNB		25.990/1.0232	29.000/1.1417	1.530/.0602	30.00/1.181	F100	4RB4145	
		26.000/1.0236	29.020/1.1425					
<b>PISTON PIN BUSH</b>								
<b>RB4022</b> UNB		26.000/1.0236	29.000/1.1417	1.650/.0650	30.00/1.181	F100	RB4022	
		26.000/1.0236	29.025/1.1427					
<b>PISTON PIN BUSH</b>								
<b>RB4094</b> UNB			31.000/1.2205	1.720/.0677	30.00/1.181	F100	RB4094	
			31.025/1.2215					



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4145</b> UNB		25.990/1.0232 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.530/.0602	30.00/1.181	F100	RB4145





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
141 A4.000 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	769	46	43
141 A4.048 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	769	46	43
141 B.000 769cc Inline4 SOHC 2v	01/1986 - 01/1995	L4	769	46	43
156 A4.000 769cc Inline4 SOHC 2v	01/1986 - 01/1995	L4	769	46	46
156 A4.048 769cc Inline4 SOHC 2v	01/1995 - 12/1997	L4	769	46	46
100 G.002 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	843	51	44
100 GB.000 843cc Inline4 OHV 2v	03/1968 - 10/1972	L4	843	51	44
100 GC.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	843	51	44
100 GL6.000 843cc Inline4 2v	05/1974 - On	L4	843	51	43
100 G.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	843	51	44
1170 A1.000 899cc Inline4 2v	07/1991 - 07/1999	L4	899	54	43
1170 A1.046 899cc Inline4 2v	07/1991 - 01/2010	L4	899	54	43
100 GBC.000 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	903	55	44
100 GBC.040 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	903	55	44
100 GF.000 903cc Inline4 2v	01/1978 - 01/1986	L4	903	55	43
100 GL.000 903cc Inline4 2v	06/1971 - 12/1984	L4	903	55	43
100 GL.040 903cc Inline4 OHC 2v	02/1968 - 12/1972	L4	903	55	44
100 GL.048 903cc Inline4 2v	06/1971 - 05/1983	L4	903	55	43
100 GL.064 903cc Inline4 OHV 2v	06/1971 - 06/1992	L4	903	55	43
100 GL3.000 903cc Inline4 2v	10/1980 - 06/1994	L4	903	55	43
146 A.000 903cc Inline4 2v	10/1980 - 07/1996	L4	903	55	43
146 A.048 903cc Inline4 2v	01/1986 - 03/1994	L4	903	55	43
146 A1.000 903cc Inline4 2v	03/1983 - 07/1996	L4	903	55	43
170 A1.000 903cc Inline4 2v	07/1991 - 12/1993	L4	903	55	43
170 A1.046 903cc Inline4 2v	07/1991 - 12/1993	L4	903	55	43
M020 AA.09.0 903cc Inline4 2v	01/1980 - On	L4	903	55	43
127 A.000 903cc Inline4 2v	10/1976 - 12/1995	L4	903	55	43
A 112 B1.054 965cc Inline4 2v	09/1982 - 12/1986	L4	965	58	43
146 A2.166 994cc Inline4 SOHC 2v	09/1989 - 05/2000	L4	994	60	33
146 C7.000 994cc Inline4 SOHC 2v	09/1989 - 09/1992	L4	994	60	33
141 C2.000 999cc Inline4 SOHC 2v	05/1986 - 08/1998	L4	999	60	46
146 B4.000 999cc Inline4 SOHC 2v	07/1990 - 03/1994	L4	999	60	46
156 A2.000 999cc Inline4 SOHC 2v	06/1989 - 02/1992	L4	999	60	46
156 A2.0157 999cc Inline4 SOHC 2v	07/1985 - 03/1994	L4	999	60	46
156 A2.048 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	46
156 A2.050 999cc Inline4 SOHC 2v	07/1985 - 03/1994	L4	999	60	46
156 A2.100 999cc Inline4 SOHC 2v	01/1986 - 12/1993	L4	999	60	46
156 A2.146 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	46
156 A2.246 999cc Inline4 SOHC 2v	04/1984 - 02/2004	L4	999	60	46
156 A2.256 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	999	60	46
156 A3.000 999cc Inline4 SOHC 2v	01/1985 - 12/1992	L4	999	60	46
156 A3.100 999cc Inline4 SOHC 2v	01/1986 - 02/1992	L4	999	60	46
127 A1.000 1049cc Inline4 SOHC 2v	07/1978 - 02/1982	L4	1049	64	33
127 A6.000 1049cc Inline4 SOHC 2v	09/1978 - 09/1982	L4	1049	64	33
146 A6.000 1116cc Inline4 SOHC 2v	01/1986 - 02/1992	L4	1049	64	33
156 A.000 1049cc Inline4 SOHC 2v	12/1986 - 04/1988	L4	1049	64	33
156 C.046 1108cc Inline4 SOHC 2v	01/1990 - 07/2004	L4	1108	67	46
160 A3.000 1108cc Inline4 SOHC 2v	01/1988 - 12/1992	L4	1108	67	46
176 A6.000 1108cc Inline4 SOHC 2v	09/1993 - 09/1999	L4	1108	67	46
176 B2.000 1108cc Inline4 SOHC 2v	10/1994 - 01/2010	L4	1108	67	46
187 A1.000 1108cc Inline4 SOHC 2v	02/1995 - On	L4	1108	67	45
128 A.000 1116cc Inline4 SOHC 2v	03/1969 - 12/1984	L4	1116	68	38
128 A.048 1116cc Inline4 SOHC 2v	02/1975 - 09/1981	L4	1116	68	38
128 A.064 1116cc Inline4 SOHC 2v	06/1972 - 12/1993	L4	1116	68	38
128 AC5.000 1116cc Inline4 SOHC 2v	03/1972 - 02/1981	L4	1116	68	38
128 BB.0A0 1116cc Inline4 SOHC 2v	11/1971 - 12/1979	L4	1116	68	38
138 AE.0A.0 1116cc Inline4 SOHC 2v	10/1978 - 09/1982	L4	1116	68	38
138 B.000 1116cc Inline4 SOHC 2v	10/1982 - 08/1989	L4	1116	68	38



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
138 B1.000 1116cc Inline4 SOHC 2v	10/1982 - 12/1987	L4	1116	68	38
138 C1.000 1116cc Inline4 SOHC 2v	10/1982 - 12/1987	L4	1116	68	38
146 A4.000 1116cc Inline4 SOHC 2v	04/1985 - 08/1989	L4	1116	68	38
146 A4.044 1116cc Inline4 SOHC 2v	01/1986 - 12/1989	L4	1116	68	38
146 A4.048 1116cc Inline4 SOHC 2v	04/1985 - 07/1996	L4	1116	68	38
146 A9.000 1116cc Inline4 SOHC 2v	11/1986 - 12/1993	L4	1116	68	33
146 C3.000 1116cc Inline4 SOHC 2v	06/1992 - 12/1993	L4	1116	68	39
124 A.000 1197cc Inline4 OHV 2v	02/1973 - 07/1975	L4	1197	73	51
124 BL.016 1197cc Inline4 OHV 2v	01/1970 - 12/1976	L4	1197	73	36
169 A4.000 1242cc Inline4 SOHC 2v	07/2007 - On	L4	1242	75	45
176 A7.000 1242cc Inline4 SOHC 2v	01/1994 - 06/2000	L4	1242	75	45
176 A8.000 1242cc Inline4 SOHC 2v	10/1993 - On	L4	1242	75	45
176 B1.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	1242	75	45
176 B4.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	1242	75	45
176 B9.000 1242cc Inline4 DOHC 4v	04/1997 - 06/2000	L4	1242	75	45
178 B5.000 1242cc Inline4 SOHC 2v	04/1996 - On	L4	1242	75	45
178 B7.045 1242cc Inline4 SOHC 2v	07/1997 - 08/2002	L4	1242	75	45
178 C4.066 1242cc Inline4 SOHC 2v	07/1997 - On	L4	1242	75	45
178 E2.000 1242cc Inline4 SOHC 2v	11/1999 - 09/2001	L4	1242	75	45
182 B2.000 1242cc Inline4 DOHC 4v	10/1998 - 12/2002	L4	1242	75	45
188 A4.000 1242cc Inline4 SOHC 2v	07/1997 - On	L4	1242	75	45
188 A5.000 1242cc Inline4 SOHC 2v	09/1999 - On	L4	1242	75	45
199 A4.000 1242cc Inline4 SOHC 2v	10/2005 - On	L4	1242	75	45
223 A5.000 1242cc Inline4 SOHC 2v	03/2001 - On	L4	1242	75	45
M733 AT.12.Z (JTD) 1248cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	1248	76	37
128 A1.000 1290cc Inline4 SOHC 2v	03/1969 - 12/1984	L4	1290	78	38
128 AC.000 1290cc Inline4 SOHC 2v	03/1972 - 12/1979	L4	1290	78	38
128 AR.000 1290cc Inline4 SOHC 2v	09/1971 - 02/1976	L4	1290	78	38
128 AS.000 1290cc Inline4 SOHC 2v	02/1973 - 12/1979	L4	1290	78	38
131 A6.000 1297cc Inline4 2v	10/1974 - 09/1981	L4	1297	79	13
131 B.000 1297cc Inline4 SOHC 2v	03/1978 - 12/1980	L4	1297	79	13
127 A3.000 1301cc Inline4 SOHC 2v	12/1981 - 05/1983	L4	1301	79	33
127 A5.000 1301cc Inline4 SOHC 2v	04/1981 - 10/1992	L4	1301	79	33
128 A3.000 1301cc Inline4 SOHC 2v	01/1981 - 09/1982	L4	1301	79	7
138 A.000 1301cc Inline4 SOHC 2v	01/1979 - 09/1982	L4	1301	79	50
138 A1.000 1301cc Inline4 SOHC 2v	01/1978 - 09/1983	L4	1301	79	7
138 A3.000 1301cc Inline4 SOHC 2v	01/1981 - 09/1982	L4	1301	79	7
138 B2.000 1301cc Inline4 SOHC 2v	01/1983 - 07/1989	L4	1301	79	7
146 A2.000 1301cc Inline4 SOHC 2v Turbo	04/1985 - 08/1989	L4	1301	79	41
146 A2.146 1301cc Inline4 SOHC 2v Turbo	01/1987 - 12/1987	L4	1301	79	41
146 A2.246 1301cc Inline4 SOHC 2v Turbo	09/1989 - 03/1991	L4	1301	79	41
146 A5.000 1301cc Inline4 SOHC 2v	01/1986 - 12/1994	L4	1301	79	33
146 B1.000 1301cc Inline4 SOHC 2v	06/1983 - 03/1992	L4	1301	79	33
149 A3.000 1301cc Inline4 SOHC 2v	09/1983 - 07/1989	L4	1301	79	7
149 A7.000 1301cc Inline4 SOHC 2v	09/1983 - 08/1989	L4	1301	79	7
149 A7.003 1301cc Inline4 SOHC 2v	05/1985 - 12/1987	L4	1301	79	7
156 A5.000 1301cc Inline4 SOHC 2v	04/1986 - 12/1992	L4	1301	79	33
131 C.000 1367cc Inline4 SOHC 2v	11/1980 - 01/1984	L4	1367	83	14
131 C1.000 1367cc Inline4 SOHC 2v	11/1980 - 01/1984	L4	1367	83	14
146 B.000 1367cc Inline4 SOHC 2v Turbo Diesel	10/1986 - 10/1990	L4	1367	83	48
146 B3.000 1367cc Inline4 SOHC 2v Turbo Diesel	10/1986 - 10/1990	L4	1367	83	48
169 A3.000 1368cc Inline4 DOHC 4v	10/2006 - On	L4	1368	83	45
192 B2.000 1368cc Inline4 DOHC 4v	12/2003 - On	L4	1368	83	45
199 A6.000 1368cc Inline4 DOHC 4v	10/2005 - On	L4	1368	83	45
199 A7.000 1368cc Inline4 SOHC 2v	06/2006 - On	L4	1368	83	45
312 A1.000 1368cc Inline4 DOHC 4v Turbo	08/2008 - On	L4	1368	83	45
350 A1.000 1368cc Inline4 SOHC 2v	10/2005 - On	L4	1368	83	45
843 A1.000 1368cc Inline4 DOHC 4v	09/2003 - On	L4	1368	83	45





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
955 A2.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	1368	83	45
955 A6.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	1368	83	45
182 A3.000 1370cc Inline4 3v	10/1995 - 05/2002	L4	1370	83	35
146 A8.000 1372cc Inline4 SOHC 2v Turbo	10/1988 - 08/2000	L4	1372	83	8
146 A8.046 1372cc Inline4 SOHC 2v Turbo	09/1989 - 09/1993	L4	1372	83	8
146 C1.000 1372cc Inline4 SOHC 2v	09/1989 - 12/1993	L4	1372	83	8
146 C5.000 1372cc Inline4 SOHC 2v	11/1992 - 05/2001	L4	1372	83	8
146 D5.000 1372cc Inline4 SOHC 2v	05/1994 - 05/2001	L4	1372	83	8
159 A2.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	1372	83	8
160 A1.000 1372cc Inline4 SOHC 2v	07/1987 - 12/1989	L4	1372	83	8
160 A1.046 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	1372	83	8
160 A1.048 1372cc Inline4 SOHC 2v	07/1987 - 10/1992	L4	1372	83	8
176 A4.000 1372cc Inline4 SOHC 2v Turbo	01/1994 - 09/1996	L4	1372	83	8
176 B6.000 1372cc Inline4 SOHC 2v Turbo	09/1996 - 09/1999	L4	1372	83	8
178 B2.000 1372cc Inline4 4v	04/1996 - 06/2002	L4	1372	83	8
178 B2.016 1372cc Inline4 4v	04/1996 - 09/2001	L4	1372	83	8
836 A4.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	1372	83	8
124 AC.000 1438cc Inline4 2v	06/1967 - 07/1975	L4	1438	87	38
124 B.000 1438cc Inline4 2v	09/1967 - 05/1971	L4	1438	87	38
124 B2.000 1438cc Inline4 2v	12/1968 - 07/1975	L4	1438	87	38
124 BL1.016 1438cc Inline4 2v	01/1969 - 12/1977	L4	1438	87	38
131 AZ.000 1438cc Inline4 SOHC 2v	06/1976 - 06/1982	L4	1438	87	14
131 BZ.0C0 1438cc Inline4 2v	06/1976 - 06/1982	L4	1438	87	14
131 FZ 1438cc Inline4 2v	06/1976 - 06/1982	L4	1438	87	14
128 A5.000 1499cc Inline4 SOHC 2v	07/1978 - 09/1982	L4	1499	91	42
138 A2.000 1499cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	1499	91	42
138 A4.000 1499cc Inline4 SOHC 2v	01/1980 - 07/1989	L4	1499	91	42
138 A5.000 1499cc Inline4 SOHC 2v	11/1978 - 12/1989	L4	1499	91	42
138 B3.000 1499cc Inline4 SOHC 2v	01/1983 - 04/1989	L4	1499	91	42
138 B3.048 1499cc Inline4 SOHC 2v	12/1983 - 07/1989	L4	1499	91	42
138 B5.031 1499cc Inline4 SOHC 2v	06/1985 - 12/1989	L4	1499	91	42
138 C.048 1499cc Inline4 SOHC 2v	10/1985 - 07/1989	L4	1499	91	42
138 C2.048 1499cc Inline4 SOHC 2v	09/1985 - 12/1993	L4	1499	91	42
138 C3.048 1499cc Inline4 SOHC 2v	01/1978 - 07/1989	L4	1499	91	42
149 A5.000 1499cc Inline4 SOHC 2v	05/1985 - 12/1987	L4	1499	91	42
149 A5.046 1499cc Inline4 SOHC 2v	05/1985 - 12/1987	L4	1499	91	42
149 C1.000 1499cc Inline4 SOHC 2v	07/1985 - 12/1996	L4	1499	91	42
146 C6.000 1581cc Inline4 SOHC 2v	04/1999 - 06/2010	L4	1581	96	8
146 D6.000 1581cc Inline4 SOHC 2v	10/1993 - 05/2001	L4	1581	96	8
159 A3.000 1581cc Inline4 SOHC 2v	03/1985 - 12/1996	L4	1581	96	8
159 A3.046 1581cc Inline4 SOHC 2v	12/1989 - 08/1996	L4	1581	96	8
159 A3.048 1581cc Inline4 SOHC 2v	06/1992 - 08/1996	L4	1581	96	8
159 B9.000 1581cc Inline4 SOHC 2v	06/1994 - 08/1996	L4	1581	96	8
178 B3.000 1581cc Inline4 DOHC 4v	04/1996 - On	L4	1581	96	8
178 C7.098 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	1581	96	8
178 D2.011 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	1581	96	8
182 A4.000 1581cc Inline4 DOHC 4v	09/1996 - 06/2010	L4	1581	96	8
182 A6.000 1581cc Inline4 DOHC 4v	10/1995 - 10/2001	L4	1581	96	8
182 B5.098 1581cc Inline4 DOHC 4v	09/2000 - 08/2002	L4	1581	96	8
185 A3.000 1581cc Inline4 DOHC 4v	04/1997 - 05/2002	L4	1581	96	8
186 A3.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	1581	96	8
186 A4.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	1581	96	8
220 A2.000 1581cc Inline4 SOHC 2v	02/1996 - 12/2006	L4	1581	96	8
835 C1.000 1581cc Inline4 SOHC 2v	10/1990 - 08/1996	L4	1581	96	8
124 B3.000 1585cc Inline4 2v	10/1975 - 07/1982	L4	1585	96	18
131 A1.000 1585cc Inline4 2v	10/1974 - 09/1981	L4	1585	96	15
131 AB.1A.0 1585cc Inline4 2v	01/1974 - On	L4	1585	96	15
131 B1.000 1585cc Inline4 DOHC 2v	03/1979 - 03/1982	L4	1585	96	14



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
131 C2.000 1585cc Inline4 SOHC 2v	11/1976 - 04/1985	L4	1585	96	14
131 C3.000 1585cc Inline4 SOHC 2v	03/1978 - 01/1984	L4	1585	96	14
132 C.000 1585cc Inline4 DOHC 2v	01/1976 - 12/1982	L4	1585	96	14
132 C6.000 1585cc Inline4 2v	03/1977 - 12/1981	L4	1585	96	14
132 CB.0A.0 1585cc Inline4 DOHC 2v	04/1972 - 12/1981	L4	1585	96	14
132 D.000 1585cc Inline4 DOHC 2v	04/1981 - 12/1985	L4	1585	96	14
138 AR.000 1585cc Inline4 DOHC 2v	05/1981 - 12/1987	L4	1585	96	14
138 AR.048 1585cc Inline4 DOHC 2v	05/1985 - 12/1987	L4	1585	96	14
149 A.000 1585cc Inline4 2v	10/1983 - 06/1990	L4	1585	96	14
149 A2.000 1585cc Inline4 2v	10/1983 - 12/1990	L4	1585	96	14
149 A4.000 1585cc Inline4 2v	01/1983 - 12/1990	L4	1585	96	14
149 C2.000 1585cc Inline4 2v	09/1985 - 07/1989	L4	1585	96	14
149 C2.046 1585cc Inline4 2v	02/1988 - 05/1991	L4	1585	96	14
149 C3.000 1585cc Inline4 2v	10/1983 - 12/1990	L4	1585	96	14
154 A.048 1585cc Inline4 2v	12/1985 - 12/1990	L4	1585	96	14
132 A.000 1592cc Inline4 2v	10/1974 - 02/1981	L4	1592	97	6
132 A9.000 1592cc Inline4 2v	01/1973 - 07/1975	L4	1592	97	6
132 AB.0A.0 1592cc Inline4 2v	01/1972 - 07/1995	L4	1592	97	6
132 AC.000 1592cc Inline4 2v	01/1969 - 12/1975	L4	1592	97	6
132 BB.0.A0 1592cc Inline4 2v	04/1972 - 01/1976	L4	1592	97	6
182 B6.000 1596cc Inline4 DOHC 4v	01/1999 - On	L4	1596	97	8
192 B3.000 1598cc Inline4 2v	03/2005 - 12/2007	L4	1598	97	40
125 A.000 1608cc Inline4 2v	07/1967 - 03/1974	L4	1608	98	47
125 B.000 1608cc Inline4 2v	05/1969 - 10/1973	L4	1608	98	47
138 C.000 1698cc Inline4 SOHC 2v Diesel	05/1985 - 12/1987	L4	1698	103	17
146 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1999	L4	1698	103	17
146 D7.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 05/2001	L4	1698	103	3
149 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1993	L4	1698	103	17
149 B3.000 1698cc Inline4 SOHC 2v Diesel	01/1984 - 05/2000	L4	1698	103	17
149 B4.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1995	L4	1698	103	17
149 B4.046 1698cc Inline4 SOHC 2v Diesel	02/1988 - 02/1992	L4	1698	103	17
176 A3.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 03/2001	L4	1698	103	3
176 A5.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 02/2000	L4	1698	103	3
176 B3.000 1698cc Inline4 SOHC 2v Diesel	04/1994 - 02/2000	L4	1698	103	17
176 B7.000 1698cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 09/1999	L4	1698	103	3
178 C9.066 1698cc Inline4 SOHC 2v Turbo Diesel	01/1998 - On	L4	1698	103	3
138 A5.000 1714cc Inline4 SOHC 2v Diesel	10/1979 - 09/1982	L4	1714	104	17
138 B5.000 1714cc Inline4 SOHC 2v Diesel	03/1980 - 04/1985	L4	1714	104	17
138 B6.000 1714cc Inline4 SOHC 2v Diesel	10/1982 - 12/1986	L4	1714	104	17
182 A2.000 1747cc Inline4 DOHC 4v	10/1995 - 05/2002	L4	1747	106	10
183 A1.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	1747	106	10
188 A6.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	1747	106	10
192 A4.000 1747cc Inline4 DOHC 4v	10/2001 - 08/2008	L4	1747	106	10
132 A1.000 1756cc Inline4 2v	01/1972 - 12/1976	L4	1756	107	6
132 AB.000 1756cc Inline4 2v	01/1972 - 12/1981	L4	1756	107	6
132 AC1.000 1756cc Inline4 2v	01/1972 - 12/1977	L4	1756	107	6
132 B.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	1756	107	6
132 B1.000 1756cc Inline4 2v	04/1972 - 01/1977	L4	1756	107	6
132 BB.1A.0 1756cc Inline4 2v	04/1972 - 12/1981	L4	1756	107	6
132 C1.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	1756	107	6
132 CB.1A 1756cc Inline4 2v	04/1972 - 01/1976	L4	1756	107	6
159 A4.000 1756cc Inline4 DOHC 2v	03/1990 - 08/1996	L4	1756	107	22
159 A4.046 1756cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	1756	107	22
160 A5.000 1756cc Inline4 DOHC 4v	11/1989 - 06/1992	L4	1756	107	49
835 C2.000 1756cc Inline4 DOHC 2v	04/1993 - 08/1996	L4	1756	107	22
835 C4.000 1756cc Inline4 DOHC 2v	09/1993 - 08/1996	L4	1756	107	22
836 A5.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	1756	107	22
836 A6.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	1756	107	22





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
182 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	1910	116	11
182 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	1910	116	11
182 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	12/1998 - 06/2010	L4	1910	116	26
182 B9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1996 - On	L4	1910	116	26
185 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 09/2002	L4	1910	116	26
186 A6.000 1910cc Inline4 SOHC 2v Turbo Diesel	01/2001 - 07/2002	L4	1910	116	26
186 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	07/2002 - 06/2010	L4	1910	116	26
186 A9.000 1910cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	1910	116	26
188 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1999 - On	L4	1910	116	26
188 A3.000 1910cc Inline4 SOHC 2v Diesel	09/1999 - 10/2009	L4	1910	116	12
188 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/1999 - On	L4	1910	116	26
188 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	01/2004 - On	L4	1910	116	26
192 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	1910	116	26
192 A3.000 1910cc Inline4 4v Turbo Diesel	01/2003 - 08/2008	L4	1910	116	26
192 A5.000 1910cc Inline4 4v Turbo Diesel	01/2004 - 08/2008	L4	1910	116	27
192 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	1910	116	27
192 A9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 08/2008	L4	1910	116	27
192 B1.000 1910cc Inline4 4v Turbo Diesel	04/2004 - 08/2008	L4	1910	116	27
192 B5.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2004 - 12/2008	L4	1910	116	27
199 A5.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2005 - On	L4	1910	116	26
223 A6.000 1910cc Inline4 SOHC 2v Diesel	11/2000 - On	L4	1910	116	12
223 A7.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	1910	116	26
223 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	1910	116	26
223 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	10/2001 - On	L4	1910	116	26
937 A4.000 1910cc Inline4 4v Turbo Diesel	09/2003 - 08/2008	L4	1910	116	27
937 A5.000 1910cc Inline4 4v Turbo Diesel	09/2005 - On	L4	1910	116	27
937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	1910	116	28
939 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1910	116	26
939 A2.000 1910cc Inline4 Turbo Diesel	06/2005 - On	L4	1910	116	27
939 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1910	116	26
D19AA 1910cc Inline4 SOHC 2v Turbo Diesel	06/2006 - On	L4	1910	116	26
149 A1.000 1929cc Inline4 SOHC 2v Diesel	04/1984 - 08/1996	L4	1929	117	17
149 B1.000 1929cc Inline4 SOHC 2v Diesel	02/1987 - 03/1994	L4	1929	117	17
149 B5.046 1929cc Inline4 SOHC 2v Diesel	09/1989 - 03/1994	L4	1929	117	2
154 B.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 06/1990	L4	1929	117	2
154 C6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1989 - 10/1992	L4	1929	117	2
154 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	11/1992 - 12/1996	L4	1929	117	2
160 A6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1990 - 08/1996	L4	1929	117	1
160 A6.046 1929cc Inline4 SOHC 2v Turbo Diesel	09/1990 - 04/1995	L2	1929	117	1
160 A7.000 1929cc Inline4 SOHC 2v Diesel	07/1991 - 10/2001	L4	1929	117	17
160 B6.046 1929cc Inline4 SOHC 2v Turbo Diesel	03/1992 - 08/1996	L4	1929	117	1
230 A2.000 1929cc Inline4 SOHC 2v Diesel	03/1994 - 04/2002	L4	1929	117	20
230 A3.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1994 - 04/2002	L4	1929	117	1
230 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	08/1994 - 04/2002	L4	1929	117	1
280 A1.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 03/1994	L4	1929	117	1
831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	12/1985 - 07/1989	L4	1929	117	25
131 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 03/1981	L4	1995	121	18
131 C4.000 1995cc Inline4 DOHC 2v	01/1981 - 12/1984	L4	1995	121	18
132 AZ2.000 1995cc Inline4 2v	10/1975 - 07/1982	L4	1995	121	16
132 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 08/1983	L4	1995	121	18
132 C2.000 1995cc Inline4 DOHC 2v	01/1976 - 12/1985	L4	1995	121	19
132 C2.031 1995cc Inline4 2v	03/1976 - 05/1981	L4	1995	121	18
132 C2.040 1995cc Inline4 2v	03/1976 - 05/1981	L4	1995	121	18
132 C3.000 1995cc Inline4 2v	01/1980 - 07/1986	L4	1995	121	19
132 C3.031 1995cc Inline4 2v	03/1982 - 11/1985	L4	1995	121	19
132 C3.040 1995cc Inline4 2v	03/1982 - 11/1985	L4	1995	121	19
132 D1.000 1995cc Inline4 2v	06/1978 - 12/1985	L4	1995	121	19
132 DB.2A.O 1995cc Inline4 2v	03/1976 - 05/1981	L4	1995	121	18

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
138 AR1.000 1995cc Inline4 2v	11/1981 - 12/1987	L4	1995	121	19
138 AR2.000 1995cc Inline4 2v	04/1983 - 12/1987	L4	1995	121	19
154 A1.000 1995cc Inline4 DOHC 2v	12/1985 - 02/1989	L4	1995	121	4
154 A2.000 1995cc Inline4 2v Turbo	12/1985 - 06/1990	L4	1995	121	5
154 C3.000 1995cc Inline4 2v	03/1987 - 09/1992	L4	1995	121	21
154 C3.046 1995cc Inline4 2v	10/1987 - 08/1996	L4	1995	121	21
154 C4.000 1995cc Inline4 2v Turbo	12/1985 - 12/1996	L4	1995	121	5
154 C4.046 1995cc Inline4 2v Turbo	06/1987 - 08/1996	L4	1995	121	5
154 C5.000 1995cc Inline4 DOHC 2v	07/1990 - 11/1992	L4	1995	121	4
154 E1.000 1995cc Inline4 DOHC 4v	08/1992 - 08/1996	L4	1995	121	49
159 A5.046 1995cc Inline4 DOHC 2v	06/1990 - 03/1992	L4	1995	121	24
159 A6.046 1995cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	1995	121	24
160 A8.046 1995cc Inline4 DOHC 4v	07/1991 - 04/1995	L4	1995	121	49
175 A1.000 1995cc Inline4 DOHC 4v Turbo	11/1993 - 08/1996	L4	1995	121	49
834 B.000 1995cc Inline DOHC 2v	03/1987 - 09/1992	L4	1995	121	23
834 B.048 1995cc Inline4 DOHC 2v	03/1986 - 09/1990	L4	1995	121	23
834 B.146 1995cc Inline4 DOHC 2v	10/1987 - 08/1996	L4	1995	121	23
834 C.146 1995cc Inline4 2v Turbo	11/1986 - 08/1996	L4	1995	121	5
836 A3.000 1995cc Inline4 DOHC 4v	03/1993 - 08/1996	L4	1995	121	49
175 A3.000 1998cc Inline5 SOHC 2v Turbo	08/1996 - 08/2000	L5	1998	121	31
182 A1.000 1998cc Inline5 DOHC 4v	10/1995 - 04/1999	L5	1998	121	31
182 B7.000 1998cc Inline5 DOHC 4v	09/1998 - 02/2003	L5	1998	121	31
185 A8.000 1998cc Inline5 DOHC 4v	01/2001 - 05/2002	L5	1998	121	31
185 A2.000 2387cc Inline5 SOHC 2v Turbo Diesel	09/1996 - 04/1999	L5	2387	145	30
185 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel	04/1999 - 05/2002	L5	2387	145	30
839 A5.000 2387cc Inline5 SOHC 2v Turbo Diesel	04/1999 - 05/2002	L4	2387	145	30
M717 AT.24.T 2466cc Inline5 2v Turbo Diesel	09/1996 - On	L5	2466	150	32
834 G.000 2492cc V6 SOHC 2v	06/1993 - 08/1996	V6	2492	152	9
B 25.637 2499cc Inline4 2v Diesel	01/1989 - On	L4	2499	152	34
CRD93L (U25-661) 2499cc Inline4 2v Diesel	01/1982 - 08/1990	L4	2499	152	34
8035.05.215 2931cc Inline3 2v Diesel	01/1983 - On	L3	2931	178	29





1	Engine	Year	Cyl	Bore x Stroke	1
	160 A6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1990 - 08/1996	L4	82.6mm x 90.0mm	
	160 A6.046 1929cc Inline4 SOHC 2v Turbo Diesel	09/1990 - 04/1995	L2	82.6mm x 90.0mm	
	160 B6.046 1929cc Inline4 SOHC 2v Turbo Diesel	03/1992 - 08/1996	L4	82.6mm x 90.0mm	
	230 A3.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1994 - 04/2002	L4	82.6mm x 90.0mm	
	230 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	08/1994 - 04/2002	L4	82.6mm x 90.0mm	
	280 A1.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 03/1994	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>							
<b>4B2822A</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH		
	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>							
<b>4B2822P</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH		
	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>							
<b>4B2872A</b> STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F810	2872A IH		
	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>							
<b>4B2872P</b> STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F780	2872 IH		
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH		
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5  3	52.990/2.0862 53.010/2.0870 52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337 56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817 24.25/.955	F810 F810	2834A IH 2835A IH		
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5  3	52.991/2.0863 53.000/2.0866 52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337 56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817 24.25/.955	F780 F780	2908H IH 2909H IH		
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH		
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH		
<b>RB4157</b>	<b>PISTON PIN BUSH</b>	26.004/1.0238 26.010/1.0240	27.939/1.1000 27.972/1.1013		25.40/1.000	F100	RB4157		

2	Engine	Year	Cyl	Bore x Stroke	2
	149 B5.046 1929cc Inline4 SOHC 2v Diesel	09/1989 - 03/1994	L4	82.6mm x 90.0mm	
	154 B.000 1929cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 06/1990	L4	82.6mm x 90.0mm	
	154 C6.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1989 - 10/1992	L4	82.6mm x 90.0mm	
	154 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	11/1992 - 12/1996	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>					
<b>4B2822A</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>					
<b>4B2822P</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH



2		Continued ...						2	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B2872A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F810	2872A
		50.807/2.0003	53.919/2.1228					IH	
<b>4B2872P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F780	2872
		50.807/2.0003	53.919/2.1228					IH	
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H		
		50.807/2.0003	53.913/2.1226				IH		
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX
		50.807/2.0003	53.913/2.1226				IH		
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	52.990/2.0862	56.717/2.2329	1.843/.0726	20.75/.817	F810	2834A		
		53.010/2.0870	56.736/2.2337				IH		
		3	52.990/2.0862	56.717/2.2329	1.843/.0726	24.25/.955	F810	2835A	
		53.010/2.0870	56.735/2.2337				IH		
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863	56.717/2.2329	1.843/.0726	20.75/.817	F780	2908H		
		53.000/2.0866	56.735/2.2337				IH		
		3	52.991/2.0863	56.717/2.2329	1.843/.0726	24.25/.955	F780	2909H	
		53.000/2.0866	56.735/2.2337				IH		
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863	56.717/2.2329	1.830/.0720	20.75/.817	F780	2908HX		
		53.000/2.0866	56.735/2.2337				IH		
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T		
		59.250/2.3327	73.850/2.9075				IH		
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393		21.70/.854	F100	RB4160		
			28.972/1.1406						

3	Engine	Year	Cyl	Bore x Stroke	3
	146 D7.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1997 - 05/2001	L4	82.6mm x 79.2mm	
	176 A3.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 03/2001	L4	82.6mm x 79.2mm	
	176 A5.000 1698cc Inline4 SOHC 2v Turbo Diesel	01/1994 - 02/2000	L4	82.6mm x 79.2mm	
	176 B7.000 1698cc Inline4 SOHC 2v Turbo Diesel	09/1996 - 09/1999	L4	82.6mm x 79.2mm	
	178 C9.066 1698cc Inline4 SOHC 2v Turbo Diesel	01/1998 - On	L4	82.6mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B2822A</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A
		50.807/2.0003	53.913/2.1226				IH		
<b>4B2822P</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822
		50.807/2.0003	53.913/2.1226				IH		
<b>4B2872A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F810	2872A
		50.807/2.0003	53.919/2.1228				IH		
<b>4B2872P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F780	2872
		50.807/2.0003	53.919/2.1228				IH		
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H		
		50.807/2.0003	53.913/2.1226				IH		
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX
		50.807/2.0003	53.913/2.1226				IH		





3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
	<b>THRUST</b>						
<b>1T2827A</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
	<b>PISTON PIN BUSH</b>						
<b>RB4161</b>		25.500/1.0039 25.640/1.0094	27.939/1.1000 27.972/1.1013		23.80/.937	F100	RB4161

4 Engine				Year	Cyl	Bore x Stroke	4
154 A1.000 1995cc Inline4 DOHC 2v				12/1985 - 02/1989	L4	84.0mm x 90.0mm	
154 C5.000 1995cc Inline4 DOHC 2v				07/1990 - 11/1992	L4	84.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1049A</b> STD, .25, .50	<b>CONROD</b>	50.792/1.9997 50.805/2.0002	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	1049A IH
	<b>MAINS</b> 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
<b>5M2834A</b> STD, .25, .50	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>THRUST</b>						
		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>1T2827A</b> STD	<b>PISTON PIN BUSH</b>						
	<b>RB4159</b>	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

5 Engine				Year	Cyl	Bore x Stroke	5
154 A2.000 1995cc Inline4 2v Turbo				12/1985 - 06/1990	L4	84.0mm x 90.0mm	
154 C4.000 1995cc Inline4 2v Turbo				12/1985 - 12/1996	L4	84.0mm x 90.0mm	
154 C4.046 1995cc Inline4 2v Turbo				06/1987 - 08/1996	L4	84.0mm x 90.0mm	
834 C.146 1995cc Inline4 2v Turbo				11/1986 - 08/1996	L4	84.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2840A</b> STD, .25, .50	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH



5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
	<b>PISTON PIN BUSH</b>						
<b>RB4159</b>		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

6 Engine	Year	Cyl	Bore x Stroke	6
132 A.000 1592cc Inline4 2v	10/1974 - 02/1981	L4	80.0mm x 79.2mm	
132 A1.000 1756cc Inline4 2v	01/1972 - 12/1976	L4	84.0mm x 79.2mm	
132 A9.000 1592cc Inline4 2v	01/1973 - 07/1975	L4	80.0mm x 79.2mm	
132 AB.000 1756cc Inline4 2v	01/1972 - 12/1981	L4	84.0mm x 79.2mm	
132 AB.0A.0 1592cc Inline4 2v	01/1972 - 07/1995	L4	80.0mm x 79.2mm	
132 AC.000 1592cc Inline4 2v	01/1969 - 12/1975	L4	80.0mm x 79.2mm	
132 AC1.000 1756cc Inline4 2v	01/1972 - 12/1977	L4	84.0mm x 79.2mm	
132 B.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	84.0mm x 79.2mm	
132 B1.000 1756cc Inline4 2v	04/1972 - 01/1977	L4	84.0mm x 79.2mm	
132 BB.0.A0 1592cc Inline4 2v	04/1972 - 01/1976	L4	80.0mm x 79.2mm	
132 BB.1A.0 1756cc Inline4 2v	04/1972 - 12/1981	L4	84.0mm x 79.2mm	
132 C1.000 1756cc Inline4 2v	04/1972 - 01/1976	L4	84.0mm x 79.2mm	
132 CB.1A 1756cc Inline4 2v	04/1972 - 01/1976	L4	84.0mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2825A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Oil holes at 75 deg and 105 deg.</i>		1.536/.0605	19.50/.768	F810	2825A IH
		50.782/1.9993 50.802/2.0001	53.897/2.1219 53.913/2.1226				
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
	<b>PISTON PIN BUSH</b>						
<b>RB4159</b>		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159



7	Engine	Year	Cyl	Bore x Stroke	7		
	128 A3.000 1301cc Inline4 SOHC 2v	01/1981 - 09/1982	L4	86.4mm x 55.5mm			
	138 A1.000 1301cc Inline4 SOHC 2v	01/1978 - 09/1983	L4	86.4mm x 55.5mm			
	138 A3.000 1301cc Inline4 SOHC 2v	01/1981 - 09/1982	L4	86.4mm x 55.5mm			
	138 B2.000 1301cc Inline4 SOHC 2v	01/1983 - 07/1989	L4	86.4mm x 55.5mm			
	149 A3.000 1301cc Inline4 SOHC 2v	09/1983 - 07/1989	L4	86.4mm x 55.5mm			
	149 A7.000 1301cc Inline4 SOHC 2v	09/1983 - 08/1989	L4	86.4mm x 55.5mm			
	149 A7.003 1301cc Inline4 SOHC 2v	05/1985 - 12/1987	L4	86.4mm x 55.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>3 oil holes.</i>					
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH
	<b>CONROD</b>	<i>2 oil holes.</i>					
<b>4B1444A</b> STD, .25, .50		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.538/.0606	19.20/.756	F810	1444A IH
	<b>MAINS</b>						
<b>5M1442A</b> STD, 010, 020, 030	1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH
	<b>THRUST</b>	<i>Chamfered. Superceded by 1T1822A.</i>					
<b>1T2849A</b> STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
	<b>CAMS</b>						
<b>3C3120</b> STD	1	48.033/1.8911 48.058/1.8920	51.120/2.0126 50.150/1.9744	1.530/.0602	14.20/.559	F820	3120
	2	43.853/1.7265 43.880/1.7276	46.920/1.8472 46.950/1.8484	1.530/.0602	16.00/.630	F820	3121
	3	36.875/1.4518 36.900/1.4528	39.962/1.5733 39.992/1.5745	1.530/.0602	15.00/.591	F820	3122
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4162</b>					25.10/.988	F100	4RB4162
	<b>PISTON PIN BUSH</b>						
<b>RB4162</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162



8	Engine	Year	Cyl	Bore x Stroke	8
	146 A8.000 1372cc Inline4 SOHC 2v Turbo	10/1988 - 08/2000	L4	80.5mm x 67.4mm	
	146 A8.046 1372cc Inline4 SOHC 2v Turbo	09/1989 - 09/1993	L4	80.5mm x 67.4mm	
	146 C1.000 1372cc Inline4 SOHC 2v	09/1989 - 12/1993	L4	80.5mm x 67.4mm	
	146 C5.000 1372cc Inline4 SOHC 2v	11/1992 - 05/2001	L4	80.5mm x 67.4mm	
	146 C6.000 1581cc Inline4 SOHC 2v	04/1999 - 06/2010	L4	86.4mm x 67.4mm	
	146 D5.000 1372cc Inline4 SOHC 2v	05/1994 - 05/2001	L4	80.5mm x 67.4mm	
	146 D6.000 1581cc Inline4 SOHC 2v	10/1993 - 05/2001	L4	86.4mm x 67.4mm	
	159 A2.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	80.5mm x 67.4mm	
	159 A3.000 1581cc Inline4 SOHC 2v	03/1985 - 12/1996	L4	86.4mm x 67.4mm	
	159 A3.046 1581cc Inline4 SOHC 2v	12/1989 - 08/1996	L4	86.4mm x 67.4mm	
	159 A3.048 1581cc Inline4 SOHC 2v	06/1992 - 08/1996	L4	86.4mm x 67.4mm	
	159 B9.000 1581cc Inline4 SOHC 2v	06/1994 - 08/1996	L4	86.4mm x 67.4mm	
	160 A1.000 1372cc Inline4 SOHC 2v	07/1987 - 12/1989	L4	80.5mm x 67.4mm	
	160 A1.046 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	80.5mm x 67.4mm	
	160 A1.048 1372cc Inline4 SOHC 2v	07/1987 - 10/1992	L4	80.5mm x 67.4mm	
	176 A4.000 1372cc Inline4 SOHC 2v Turbo	01/1994 - 09/1996	L4	80.5mm x 67.4mm	
	176 B6.000 1372cc Inline4 SOHC 2v Turbo	09/1996 - 09/1999	L4	80.5mm x 67.4mm	
	178 B2.000 1372cc Inline4 4v	04/1996 - 06/2002	L4	80.5mm x 67.4mm	
	178 B2.016 1372cc Inline4 4v	04/1996 - 09/2001	L4	80.5mm x 67.4mm	
	178 B3.000 1581cc Inline4 DOHC 4v	04/1996 - On	L4	86.4mm x 67.4mm	
	178 C7.098 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	86.4mm x 67.4mm	
	178 D2.011 1581cc Inline4 DOHC 4v	07/1997 - 10/2003	L4	86.4mm x 67.4mm	
	182 A4.000 1581cc Inline4 DOHC 4v	09/1996 - 06/2010	L4	86.4mm x 67.4mm	
	182 A6.000 1581cc Inline4 DOHC 4v	10/1995 - 10/2001	L4	86.4mm x 67.4mm	
	182 B5.098 1581cc Inline4 DOHC 4v	09/2000 - 08/2002	L4	86.4mm x 67.4mm	
	182 B6.000 1596cc Inline4 DOHC 4v	01/1999 - On	L4	80.5mm x 78.4mm	
	185 A3.000 1581cc Inline4 DOHC 4v	04/1997 - 05/2002	L4	86.4mm x 67.4mm	
	186 A3.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	86.4mm x 67.4mm	
	186 A4.000 1581cc Inline4 DOHC 4v	04/1999 - 06/2010	L4	86.4mm x 67.4mm	
	220 A2.000 1581cc Inline4 SOHC 2v	02/1996 - 12/2006	L4	86.4mm x 67.4mm	
	835 C1.000 1581cc Inline4 SOHC 2v	10/1990 - 08/1996	L4	86.4mm x 67.4mm	
	836 A4.000 1372cc Inline4 SOHC 2v	05/1989 - 08/1996	L4	80.5mm x 67.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>3 oil holes.</i>							
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
<b>5M1028A</b> STD, .25, .50	1,2,4,5	50.780/1.9992	54.507/2.1459	1.849/.0728	20.25/.797	F810	1028A IH
		50.800/2.0000	54.520/2.1465				
	3	50.780/1.9992	54.507/2.1459	1.849/.0728	22.75/.896	F810	1029A IH
		50.800/2.0000	54.520/2.1465				
<b>1T2849A</b> STD	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>			2.36/.093	F817	2849T IH
		56.610/2.2287	69.596/2.7400				
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

9	Engine	Year	Cyl	Bore x Stroke	9
	834 G.000 2492cc V6 SOHC 2v	06/1993 - 08/1996	V6	88.0mm x 63.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2875P</b> STD, .25		51.980/2.0465	55.511/2.1855	1.749/.0689	19.10/.752	F780	2875 IH
		52.000/2.0472	55.524/2.1860				



9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2874P</b> STD, .25	<b>MAINS</b> 1,2,3,4	59.951/2.3603	63.657/2.5062	1.841/.0725	22.35/.880	F780	2874 IH
		59.971/2.3611	63.676/2.5069				
<b>1T2874A</b> STD	<b>THRUST</b>				2.36/.093	F817	2874T UL
<b>RB4153</b>	<b>PISTON PIN BUSH</b>	21.994/.8659	25.120/.9890		23.72/.934	F100	RB4153
		22.000/.8661	25.146/.9900				

10	Engine	Year	Cyl	Bore x Stroke	10
	182 A2.000 1747cc Inline4 DOHC 4v	10/1995 - 05/2002	L4	82.0mm x 82.7mm	
	183 A1.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	82.0mm x 82.7mm	
	188 A6.000 1747cc Inline4 DOHC 4v	04/1995 - 05/2005	L4	82.0mm x 82.7mm	
	192 A4.000 1747cc Inline4 DOHC 4v	10/2001 - 08/2008	L4	82.0mm x 82.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2822A</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F810	2822A IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
<b>4B2822P</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F780	2822 IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.536/.0605	19.50/.768	F781	2904H IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
<b>5M1053A</b> STD, 010, 020	<b>MAINS</b> 1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
		3	52.982/2.0859				
		53.000/2.0866	56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
<b>RB4156</b>	<b>PISTON PIN BUSH</b>	19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

11	Engine	Year	Cyl	Bore x Stroke	11
	182 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	82.0mm x 90.4mm	
	182 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1996 - 05/2002	L4	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2822A</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F810	2822A IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
<b>4B2822P</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F780	2822 IH
		50.787/1.9995	53.901/2.1221				
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.536/.0605	19.50/.768	F781	2904H IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
<b>5M1053A</b> STD, 010, 020	<b>MAINS</b> 1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				



**11 Continued ... 11**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1053A</b> STD, 010, 020	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				
<b>PISTON PIN BUSH</b>							
<b>RB4160</b>			28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

**12 Engine Year Cyl Bore x Stroke 12**

188 A3.000 1910cc Inline4 SOHC 2v Diesel	09/1999 - 10/2009	L4	82.0mm x 90.4mm
223 A6.000 1910cc Inline4 SOHC 2v Diesel	11/2000 - On	L4	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822A</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A IH
		50.807/2.0003	53.913/2.1226				
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822P</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES CONROD</b>							
<b>4B2904H</b> STD, .025, .25		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>4B2904HX</b> STD		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226				
<b>MAINS</b>							
<b>5M1053A</b> STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
		53.000/2.0866	56.718/2.2330				

**13 Engine Year Cyl Bore x Stroke 13**

131 A6.000 1297cc Inline4 2v	10/1974 - 09/1981	L4	76.0mm x 71.6mm
131 B.000 1297cc Inline4 SOHC 2v	03/1978 - 12/1980	L4	76.0mm x 71.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>This part has 2 holes.</i>							
<b>4B1022A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH
		48.244/1.8994	51.346/2.0215				
<b>CONROD</b> <i>This part has 3 holes.</i>							
<b>4B1023A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.530/.0602	19.50/.768	F810	1023A IH
		48.244/1.8994	51.346/2.0215				
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>CAMS</b>							
<b>3C3120</b> STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
<b>AUX</b>							
<b>2BS3134</b> STD, UNB				1.526/.0601	16.60/.654	F820	3134



**13 Continued ... 13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS3134</b> STD, UNB				1.526/.0601	15.10/.595	F820	3135
<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

**14 Engine Year Cyl Bore x Stroke 14**

131 AZ.000 1438cc Inline4 SOHC 2v	06/1976 - 06/1982	L4	80.0mm x 71.5mm
131 B1.000 1585cc Inline4 DOHC 2v	03/1979 - 03/1982	L4	
131 BZ.000 1438cc Inline4 2v	06/1976 - 06/1982	L4	80.0mm x 71.5mm
131 C.000 1367cc Inline4 SOHC 2v	11/1980 - 01/1984	L4	78.0mm x 71.5mm
131 C1.000 1367cc Inline4 SOHC 2v	11/1980 - 01/1984	L4	78.0mm x 71.5mm
131 C2.000 1585cc Inline4 SOHC 2v	11/1976 - 04/1985	L4	84.0mm x 71.5mm
131 C3.000 1585cc Inline4 SOHC 2v	03/1978 - 01/1984	L4	84.0mm x 71.5mm
131 FZ 1438cc Inline4 2v	06/1976 - 06/1982	L4	80.0mm x 71.5mm
132 C.000 1585cc Inline4 DOHC 2v	01/1976 - 12/1982	L4	84.0mm x 71.5mm
132 C6.000 1585cc Inline4 2v	03/1977 - 12/1981	L4	84.0mm x 71.5mm
132 CB.0A.0 1585cc Inline4 DOHC 2v	04/1972 - 12/1981	L4	84.0mm x 71.5mm
132 D.000 1585cc Inline4 DOHC 2v	04/1981 - 12/1985	L4	84.0mm x 71.5mm
138 AR.000 1585cc Inline4 DOHC 2v	05/1981 - 12/1987	L4	84.0mm x 71.5mm
138 AR.048 1585cc Inline4 DOHC 2v	05/1985 - 12/1987	L4	84.0mm x 71.5mm
149 A.000 1585cc Inline4 2v	10/1983 - 06/1990	L4	84.0mm x 71.5mm
149 A2.000 1585cc Inline4 2v	10/1983 - 12/1990	L4	84.0mm x 71.5mm
149 A4.000 1585cc Inline4 2v	01/1983 - 12/1990	L4	84.0mm x 71.5mm
149 C2.000 1585cc Inline4 2v	09/1985 - 07/1989	L4	84.0mm x 71.5mm
149 C2.046 1585cc Inline4 2v	02/1988 - 05/1991	L4	84.0mm x 71.5mm
149 C3.000 1585cc Inline4 2v	10/1983 - 12/1990	L4	84.0mm x 71.5mm
154 A.048 1585cc Inline4 2v	12/1985 - 12/1990	L4	84.0mm x 71.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>This part has 2 holes.</i>							
<b>4B1022A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH
		48.244/1.8994	51.346/2.0215				
<b>CONROD</b> <i>This part has 3 holes.</i>							
<b>4B1023A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.530/.0602	19.50/.768	F810	1023A IH
		48.244/1.8994	51.346/2.0215				
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329				
		53.005/2.0868	56.738/2.2338		24.25/.955	F820	2827A IH
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>CAMS</b>							
<b>3C3120</b> STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122	
	36.900/1.4528	39.992/1.5745					
<b>AUX</b>							
<b>2BS3134</b> STD, UNB				1.526/.0601	15.10/.595	F820	3135
				1.526/.0601	16.60/.654	F820	3134
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4162</b>					25.10/.988	F100	4RB4162



**14 Continued ... 14**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

**15 Engine 15**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>131 A1.000 1585cc Inline4 2v</b>				<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	
<b>131 AB.1A.0 1585cc Inline4 2v</b>				10/1974 - 09/1981	L4	84.0mm x 71.5mm	
				01/1974 - On	L4	84.0mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>This part has 2 holes.</i>							
<b>4B1022A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH
		48.244/1.8994	51.346/2.0215				
<b>CONROD</b>							
<i>This part has 3 holes.</i>							
<b>4B1023A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.530/.0602	19.50/.768	F810	1023A IH
		48.244/1.8994	51.346/2.0215				
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>CAMS</b>							
<b>3C3120</b> STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
<b>AUX</b>							
<b>2BS3134</b> STD, UNB				1.526/.0601	15.10/.595	F820	3135
				1.526/.0601	16.60/.654	F820	3134
<b>PISTON PIN BUSH</b>							
<b>RB4159</b>		21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

**16 Engine 16**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>132 AZ2.000 1995cc Inline4 2v</b>				<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	
				10/1975 - 07/1982	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>This part has 2 holes.</i>							
<b>4B1022A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH
		48.244/1.8994	51.346/2.0215				
<b>CONROD</b>							
<i>This part has 3 holes.</i>							
<b>4B1023A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.530/.0602	19.50/.768	F810	1023A IH
		48.244/1.8994	51.346/2.0215				
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				





16 Continued ...							16	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CAMS</b>								
<b>3C3120</b> STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120	
		48.058/1.8920	50.150/1.9744					
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121	
		43.880/1.7276	46.950/1.8484					
		3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745					
<b>4RB4162</b>	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>				25.10/.988	F100	4RB4162	
	<b>PISTON PIN BUSH</b>							
<b>RB4162</b>	<b>PISTON PIN BUSH</b>		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
			21.641/.8520	23.972/.9438				

17 Engine	Year	Cyl	Bore x Stroke	17
138 A5.000 1714cc Inline4 SOHC 2v Diesel	10/1979 - 09/1982	L4	83.0mm x 79.2mm	
138 B5.000 1714cc Inline4 SOHC 2v Diesel	03/1980 - 04/1985	L4	83.0mm x 79.2mm	
138 B6.000 1714cc Inline4 SOHC 2v Diesel	10/1982 - 12/1986	L4	83.0mm x 79.2mm	
138 C.000 1698cc Inline4 SOHC 2v Diesel	05/1985 - 12/1987	L4	82.6mm x 79.2mm	
146 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1999	L4	82.6mm x 79.2mm	
149 A1.000 1929cc Inline4 SOHC 2v Diesel	04/1984 - 08/1996	L4	82.6mm x 90.0mm	
149 B1.000 1929cc Inline4 SOHC 2v Diesel	02/1987 - 03/1994	L4	82.6mm x 90.0mm	
149 B2.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1993	L4	82.6mm x 79.2mm	
149 B3.000 1698cc Inline4 SOHC 2v Diesel	01/1984 - 05/2000	L4	82.6mm x 79.2mm	
149 B4.000 1698cc Inline4 SOHC 2v Diesel	01/1988 - 10/1995	L4	82.6mm x 79.2mm	
149 B4.046 1698cc Inline4 SOHC 2v Diesel	02/1988 - 02/1992	L4	82.6mm x 79.2mm	
160 A7.000 1929cc Inline4 SOHC 2v Diesel	07/1991 - 10/2001	L4	82.6mm x 90.0mm	
176 B3.000 1698cc Inline4 SOHC 2v Diesel	04/1994 - 02/2000	L4	82.6mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Oil holes at 75 deg and 105 deg.</i>								
<b>4B2825A</b> STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH	
		50.802/2.0001	53.913/2.1226					
<b>MAINS</b>								
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH	
		53.005/2.0868	56.738/2.2338					
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH	
		53.005/2.0868	56.738/2.2338					
<b>THRUST</b>								
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH	
		59.250/2.3327	73.850/2.9075					
<b>RB4158</b>	<b>PISTON PIN BUSH</b>		25.004/.9844	26.939/1.0606		25.40/1.000	F100	RB4158
			25.010/.9846	26.972/1.0619				

18 Engine	Year	Cyl	Bore x Stroke	18
124 B3.000 1585cc Inline4 2v	10/1975 - 07/1982	L4	84.0mm x 71.5mm	
131 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 03/1981	L4	84.0mm x 90.0mm	
131 C4.000 1995cc Inline4 DOHC 2v	01/1981 - 12/1984	L4	84.0mm x 90.0mm	
132 B2.000 1995cc Inline4 DOHC 2v	06/1978 - 08/1983	L4	84.0mm x 90.0mm	
132 C2.031 1995cc Inline4 2v	03/1976 - 05/1981	L4	84.0mm x 90.0mm	
132 C2.040 1995cc Inline4 2v	03/1976 - 05/1981	L4	84.0mm x 90.0mm	
132 DB.2A.O 1995cc Inline4 2v	03/1976 - 05/1981	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Oil holes at 75 deg and 105 deg.</i>							
<b>4B2825A</b> STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH
		50.802/2.0001	53.913/2.1226				

**18 Continued ... 18**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>1T2827A</b> STD							
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

**19 Engine Year Cyl Bore x Stroke 19**

132 C2.000 1995cc Inline4 DOHC 2v	01/1976 - 12/1985	L4	84.0mm x 90.0mm
132 C3.000 1995cc Inline4 2v	01/1980 - 07/1986	L4	84.0mm x 90.0mm
132 C3.031 1995cc Inline4 2v	03/1982 - 11/1985	L4	84.0mm x 90.0mm
132 C3.040 1995cc Inline4 2v	03/1982 - 11/1985	L4	84.0mm x 90.0mm
132 D1.000 1995cc Inline4 2v	06/1978 - 12/1985	L4	84.0mm x 90.0mm
138 AR1.000 1995cc Inline4 2v	11/1981 - 12/1987	L4	84.0mm x 90.0mm
138 AR2.000 1995cc Inline4 2v	04/1983 - 12/1987	L4	84.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2825A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Oil holes at 75 deg and 105 deg.</i>					
		50.782/1.9993 50.802/2.0001	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F810	2825A IH
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>1T2827A</b> STD							
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4159</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

**20 Engine Year Cyl Bore x Stroke 20**

230 A2.000 1929cc Inline4 SOHC 2v Diesel	03/1994 - 04/2002	L4	82.6mm x 90.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2822A</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
<b>4B2822P</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
<b>4B2872A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F810	2872A IH





20 Continued ...							20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Notch 4.57mm wide.</i>							
<b>4B2872P</b> STD, .25, .50, .75		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F780	2872 IH
<b>RACE SERIES</b>							
<b>4B2904H</b> STD, .025, .25		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
<b>RACE SERIES</b>							
<b>4B2904HX</b> STD		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>PISTON PIN BUSH</b>							
<b>RB4157</b>		26.004/1.0238 26.010/1.0240	27.939/1.1000 27.972/1.1013		25.40/1.000	F100	RB4157
<b>PISTON PIN BUSH</b>							
<b>RB4161</b>		25.500/1.0039 25.640/1.0094	27.939/1.1000 27.972/1.1013		23.80/.937	F100	RB4161

21 Engine				Year	Cyl	Bore x Stroke	21
154 C3.000 1995cc Inline4 2v				03/1987 - 09/1992	L4	84.0mm x 90.0mm	
154 C3.046 1995cc Inline4 2v				10/1987 - 08/1996	L4	84.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822A</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822P</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
<b>RACE SERIES</b>							
<b>4B2904H</b> STD, .025, .25		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
<b>RACE SERIES</b>							
<b>4B2904HX</b> STD		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>PISTON PIN BUSH</b>							
<b>RB4159</b>		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

22	Engine	Year	Cyl	Bore x Stroke	22
	159 A4.000 1756cc Inline4 DOHC 2v	03/1990 - 08/1996	L4	84.0mm x 79.2mm	
	159 A4.046 1756cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	84.0mm x 79.2mm	
	835 C2.000 1756cc Inline4 DOHC 2v	04/1993 - 08/1996	L4	84.0mm x 79.2mm	
	835 C4.000 1756cc Inline4 DOHC 2v	09/1993 - 08/1996	L4	84.0mm x 79.2mm	
	836 A5.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	84.0mm x 79.2mm	
	836 A6.000 1756cc Inline4 DOHC 2v	03/1993 - 08/1996	L4	84.0mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1049A</b> STD, .25, .50		50.792/1.9997	53.892/2.1217	1.537/.0605	19.50/.768	F810	1049A IH
		50.805/2.0002	53.910/2.1224				
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
53.005/2.0868	56.738/2.2338						
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>PISTON PIN BUSH</b>							
<b>RB4163</b>		28.002/1.1024	30.000/1.1811		25.25/.994	F100	RB4163
		28.010/1.1028	30.021/1.1819				

23	Engine	Year	Cyl	Bore x Stroke	23
	834 B.000 1995cc Inline DOHC 2v	03/1987 - 09/1992	L4	84.0mm x 90.0mm	
	834 B.048 1995cc Inline4 DOHC 2v	03/1986 - 09/1990	L4	84.0mm x 90.0mm	
	834 B.146 1995cc Inline4 DOHC 2v	10/1987 - 08/1996	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1049A</b> STD, .25, .50		50.792/1.9997	53.892/2.1217	1.537/.0605	19.50/.768	F810	1049A IH
		50.805/2.0002	53.910/2.1224				
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
53.005/2.0868	56.738/2.2338						
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>PISTON PIN BUSH</b>							
<b>RB4159</b>		21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

24	Engine	Year	Cyl	Bore x Stroke	24
	159 A5.046 1995cc Inline4 DOHC 2v	06/1990 - 03/1992	L4	84.0mm x 90.0mm	
	159 A6.046 1995cc Inline4 DOHC 2v	10/1990 - 08/1996	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2840A</b> STD, .25, .50		50.787/1.9995	53.892/2.1217	1.537/.0605	19.50/.768	F810	2840A IH
		50.807/2.0003	53.910/2.1224				
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860	56.716/2.2329	1.843/.0726	20.75/.817	F820	2826A IH
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
53.005/2.0868	56.738/2.2338						
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				





<b>24</b>	<b>Continued ...</b>							<b>24</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

<b>PISTON PIN BUSH</b>							
<b>RB4159</b>		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

<b>25</b>	<b>Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>25</b>
	831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	12/1985 - 07/1989	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B2840A</b> STD, .25, .50		50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
<b>MAINS</b>							
<b>5M2834A</b> STD, .25, .50	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
<b>RACE SERIES</b>							
<b>MAINS</b>							
<b>5M2908H</b> STD, .025, .25	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b>							
<b>MAINS</b>							
<b>5M2908HX</b> STD	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>PISTON PIN BUSH</b>							
<b>RB4158</b>		25.004/.9844 25.010/.9846	26.939/1.0606 26.972/1.0619		25.40/1.000	F100	RB4158

<b>26</b>	<b>Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>26</b>
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182 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	12/1998 - 06/2010	L4	82.0mm x 90.4mm
182 B9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1996 - On	L4	82.0mm x 90.4mm
185 B4.000 1910cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 09/2002	L4	82.0mm x 90.4mm
186 A6.000 1910cc Inline4 SOHC 2v Turbo Diesel	01/2001 - 07/2002	L4	82.0mm x 82.0mm
186 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	07/2002 - 06/2010	L4	82.0mm x 90.4mm
186 A9.000 1910cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	82.0mm x 90.4mm
188 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/1999 - On	L4	82.0mm x 90.4mm
188 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/1999 - On	L4	82.0mm x 90.4mm
188 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	01/2004 - On	L4	82.0mm x 90.4mm
192 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	82.0mm x 90.4mm
192 A3.000 1910cc Inline4 4v Turbo Diesel	01/2003 - 08/2008	L4	82.0mm x 90.4mm
199 A5.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2005 - On	L4	82.0mm x 90.4mm
223 A7.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	82.0mm x 90.4mm
223 B1.000 1910cc Inline4 DOHC 4v Turbo Diesel	07/2003 - On	L4	82.0mm x 90.4mm
223 B2.000 1910cc Inline4 DOHC 4v Turbo Diesel	10/2001 - On	L4	82.0mm x 90.4mm
939 A1.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	82.0mm x 90.4mm
939 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	82.0mm x 90.4mm
D19AA 1910cc Inline4 SOHC 2v Turbo Diesel	06/2006 - On	L4	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Contains one pair only.</i>							
<b>1B2830P</b> STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
<b>CONROD</b>							
<b>4B2819P</b> STD, 010, 020		50.787/1.9995 50.805/2.0002	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2819 IH

**26 Continued ... 26**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>5M2885A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

**27 Engine Year Cyl Bore x Stroke 27**

192 A5.000 1910cc Inline4 4v Turbo Diesel	01/2004 - 08/2008	L4	82.0mm x 90.4mm
192 A8.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	82.0mm x 90.4mm
192 A9.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2005 - 08/2008	L4	82.0mm x 90.4mm
192 B1.000 1910cc Inline4 4v Turbo Diesel	04/2004 - 08/2008	L4	82.0mm x 90.4mm
192 B5.000 1910cc Inline4 SOHC 2v Turbo Diesel	09/2004 - 12/2008	L4	82.0mm x 90.4mm
937 A4.000 1910cc Inline4 4v Turbo Diesel	09/2003 - 08/2008	L4	82.0mm x 90.4mm
937 A5.000 1910cc Inline4 4v Turbo Diesel	09/2005 - On	L4	82.0mm x 90.4mm
939 A2.000 1910cc Inline4 4v Turbo Diesel	06/2005 - On	L4	82.0mm x 90.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
<b>4B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>5M2884A</b> STD, .25, .50	<b>MAINS</b>	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2884A UL
		60.000/2.3622	63.718/2.5086				
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

**28 Engine Year Cyl Bore x Stroke 28**

937 A7.000 1910cc Inline4 SOHC 2v Turbo Diesel	10/2001 - 08/2008	L4	82.0mm x 90.4mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
<b>4B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				





29 Engine		Year		Cyl	Bore x Stroke		29
8035.05.215 2931cc Inline3 2v Diesel		01/1983 - On		L3	104.0mm x 115.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Contains one pair only.</i>							
<b>1B2830P</b> STD, .010, .020		50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>MAINS</b>							
<b>6M2885A</b> STD, .25, .50	1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
<b>THRUST</b>							
<b>1T2884A</b> STD		67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>PISTON PIN BUSH</b>							
<b>RB4160</b>					21.70/.854	F100	RB4160
		28.939/1.1393 28.972/1.1406					

30 Engine		Year		Cyl	Bore x Stroke		30
185 A2.000 2387cc Inline5 SOHC 2v Turbo Diesel		09/1996 - 04/1999		L5	82.0mm x 90.4mm		
185 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel		04/1999 - 05/2002		L5	82.0mm x 90.4mm		
839 A5.000 2387cc Inline5 SOHC 2v Turbo Diesel		04/1999 - 05/2002		L4	82.0mm x 90.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Contains one pair only.</i>							
<b>1B2830P</b> STD, .010, .020		50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>CONROD</b>							
<b>5B2819P</b> STD, .010, .020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2819 IH
		50.805/2.0002	53.913/2.1226				
<b>CONROD</b>							
<b>5B2830P</b> STD, .010, .020		50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>MAINS</b>							
<b>6M2885A</b> STD, .25, .50	1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
<b>THRUST</b>							
<b>1T2884A</b> STD		67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>PISTON PIN BUSH</b>							
<b>RB4160</b>					21.70/.854	F100	RB4160
		28.939/1.1393 28.972/1.1406					

31 Engine		Year		Cyl	Bore x Stroke		31
175 A3.000 1998cc Inline5 SOHC 2v Turbo		08/1996 - 08/2000		L5	82.0mm x 75.7mm		
182 A1.000 1998cc Inline5 DOHC 4v		10/1995 - 04/1999		L5	82.0mm x 75.7mm		
182 B7.000 1998cc Inline5 DOHC 4v		09/1998 - 02/2003		L5	82.0mm x 75.7mm		
185 A8.000 1998cc Inline5 DOHC 4v		01/2001 - 05/2002		L5	82.0mm x 75.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>5B1048A</b> STD, .010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
<b>CONROD</b>							
<b>5B1048P</b> STD, .010		48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
<b>MAINS</b>							
<b>6M2885A</b> STD, .25, .50	1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
<b>THRUST</b>							
<b>1T2884A</b> STD		67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				



31 Continued ...							31
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4156</b>		19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

32 Engine		Year	Cyl	Bore x Stroke	32
M717 AT.24.T 2466cc Inline5 2v Turbo Diesel		09/1996 - On	L5	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>		<i>Notch 4.37mm wide.</i>					
<b>5B2822A</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
<b>CONROD</b>		<i>Notch 4.37mm wide.</i>					
<b>5B2822P</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
<b>MAINS</b>							
<b>6M2885A</b> STD, .25, .50	1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2885A IH
<b>THRUST</b>							
<b>1T2884A</b> STD		67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
<b>PISTON PIN BUSH</b>							
<b>RB4156</b>		19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

33 Engine		Year	Cyl	Bore x Stroke	33
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127 A1.000 1049cc Inline4 SOHC 2v		07/1978 - 02/1982	L4	76.0mm x 57.8mm	
127 A3.000 1301cc Inline4 SOHC 2v		12/1981 - 05/1983	L4	76.0mm x 71.5mm	
127 A5.000 1301cc Inline4 SOHC 2v		04/1981 - 10/1992	L4	76.0mm x 71.5mm	
127 A6.000 1049cc Inline4 SOHC 2v		09/1978 - 09/1982	L4	76.0mm x 57.8mm	
146 A2.166 994cc Inline4 SOHC 2v		09/1989 - 05/2000	L4	76.0mm x 54.8mm	
146 A5.000 1301cc Inline4 SOHC 2v		01/1986 - 12/1994	L4	86.4mm x 55.5mm	
146 A6.000 1116cc Inline4 SOHC 2v		01/1986 - 02/1992	L4	80.0mm x 55.5mm	
146 A9.000 1116cc Inline4 SOHC 2v		11/1986 - 12/1993	L4	80.0mm x 55.5mm	
146 B1.000 1301cc Inline4 SOHC 2v		06/1983 - 03/1992	L4	76.0mm x 71.5mm	
146 C7.000 994cc Inline4 SOHC 2v		09/1989 - 09/1992	L4	76.0mm x 54.8mm	
156 A.000 1049cc Inline4 SOHC 2v		12/1986 - 04/1988	L4	76.0mm x 57.8mm	
156 A5.000 1301cc Inline4 SOHC 2v		04/1986 - 12/1992	L4	76.1mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1018A</b> STD, .25, .50		43.988/1.7318 44.008/1.7326	47.130/1.8555 47.142/1.8560	1.550/.0610	18.50/.728	F810	1018A IH
<b>MAINS</b>							
<b>5M1020A</b> STD, .25, .50	1,2,4,5	48.189/1.8972 48.209/1.8980	51.921/2.0441 51.934/2.0446	1.841/.0725	17.65/.695	F810	1020A IH
	3	48.189/1.8972 48.209/1.8980	51.921/2.0441 51.934/2.0446	1.841/.0725	25.25/.994	F810	1021A IH
<b>CAMS</b>							
<b>1C3124</b> STD, UNB				1.495/.0589	22.00/.866	F820	3124
<b>AUX</b>							
<b>2BS3128</b> STD, UNB		38.393/1.5115 38.418/1.5125 36.893/1.4525 36.918/1.4535	41.500/1.6339 41.530/1.6350 39.975/1.5738 40.000/1.5748	1.528/.0602	14.70/.579	F820	3128
				1.528/.0602	14.70/.579	F820	3129
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4162</b>					25.10/.988	F100	4RB4162



33 Continued ...							33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

34 Engine				Year	Cyl	Bore x Stroke	34
B 25.637 2499cc Inline4 2v Diesel				01/1989 - On	L4	93.0mm x 92.0mm	
CRD93L (U25-661) 2499cc Inline4 2v Diesel				01/1982 - 08/1990	L4	93.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>							
<b>4B3062A</b> STD, .25, .50		53.990/2.1256	57.675/2.2707	1.826/.0719	24.50/.965	F810	3062A UL
		54.005/2.1262	57.685/2.2711				
<b>MAINS</b>							
<b>5M3064A</b> STD, .25, .50	1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
<b>THRUST</b>							
<b>2T3064A</b> STD		75.500/2.9724	89.000/3.5039		3.14/.124	F817	3064T UL
		75.750/2.9823	89.100/3.5079				
<b>THRUST</b>							
<b>2T3065A</b> STD					3.14/.124	F817	3065T UL
<b>PISTON PIN BUSH</b>							
<b>RB4165</b>		30.008/1.1814	33.000/1.2992		31.90/1.256	F100	RB4165
		30.014/1.1817	33.033/1.3005				

35 Engine				Year	Cyl	Bore x Stroke	35
182 A3.000 1370cc Inline4 3v				10/1995 - 05/2002	L4	82.0mm x 64.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>							
<b>4B1047A</b> STD, 010		40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F810	1047A IH
		40.890/1.6098	44.012/1.7328				
<b>MAINS</b>							
<b>5M1053A</b> STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
53.000/2.0866	56.718/2.2330						
<b>PISTON PIN BUSH</b>							
<b>RB4156</b>		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

36 Engine				Year	Cyl	Bore x Stroke	36
124 BL.016 1197cc Inline4 OHV 2v				01/1970 - 12/1976	L4	73.0mm x 71.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>							
<i>3 oil holes.</i>							
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
<b>CONROD</b>							
<i>2 oil holes.</i>							
<b>4B1444A</b> STD, .25, .50		45.508/1.7916	48.629/1.9145	1.538/.0606	19.20/.756	F810	1444A IH
		45.528/1.7924	48.646/1.9152				
<b>MAINS</b>							
<b>5M1442A</b> STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
50.775/1.9990	54.518/2.1464						
<b>THRUST</b>							
<i>No Chamfer.</i>							
<b>1T1822A</b> STD		56.260/2.2150	69.600/2.7402		2.36/.093	F817	1822T IH
		56.510/2.2248	69.850/2.7500				

36 Continued ...							36
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>					
<b>1T2849A</b> STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
	<b>CAMS</b>						
<b>3C3120</b> STD	1	48.033/1.8911 48.058/1.8920	51.120/2.0126 50.150/1.9744	1.530/.0602	14.20/.559	F820	3120
	2	43.853/1.7265 43.880/1.7276	46.920/1.8472 46.950/1.8484	1.530/.0602	16.00/.630	F820	3121
	3	36.875/1.4518 36.900/1.4528	39.962/1.5733 39.992/1.5745	1.530/.0602	15.00/.591	F820	3122
	<b>AUX</b>						
<b>2BS3118</b> STD, UNB			35.036/1.3794 35.066/1.3805 38.700/1.5236 38.730/1.5248	1.492/.0587 1.497/.0589	18.00/.709 14.50/.571	F820 F820	3119 3118
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4162</b>					25.10/.988	F100	4RB4162
	<b>PISTON PIN BUSH</b>						
<b>RB4162</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

37 Engine				Year	Cyl	Bore x Stroke	37
M733 AT.12.Z (JTD) 1248cc Inline4 DOHC 4v Turbo Diesel				02/2003 - On	L4	69.6mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B2890A</b> STD, .25, .50				1.560/.0614	20.00/.787	F810	2890A IH
	<b>CONROD</b>						
<b>4B2890P</b> STD, .25, .50				1.560/.0614	20.00/.787	F780	2890 IH
	<b>MAINS</b>						
<b>5M2894A</b> STD, .25, .50	1,2,3,4,5			1.846/.0727	19.00/.748	F810	2894A UL
	<b>THRUST</b>						
<b>1T2894A</b> STD					2.36/.093	F817	2894T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4164</b> UNB					22.50/.886	F100	4RB4164
	<b>PISTON PIN BUSH</b>						
<b>RB4164</b> UNB					22.50/.886	F100	RB4164





38 Engine		Year	Cyl	Bore x Stroke	38		
124 AC.000 1438cc Inline4 2v		06/1967 - 07/1975	L4	80.0mm x 71.5mm			
124 B.000 1438cc Inline4 2v		09/1967 - 05/1971	L4	80.0mm x 71.5mm			
124 B2.000 1438cc Inline4 2v		12/1968 - 07/1975	L4	80.0mm x 55.5mm			
124 BL1.016 1438cc Inline4 2v		01/1969 - 12/1977	L4	80.0mm x 71.5mm			
128 A.000 1116cc Inline4 SOHC 2v		03/1969 - 12/1984	L4	80.0mm x 55.5mm			
128 A.048 1116cc Inline4 SOHC 2v		02/1975 - 09/1981	L4	80.0mm x 55.5mm			
128 A.064 1116cc Inline4 SOHC 2v		06/1972 - 12/1993	L4	80.0mm x 55.5mm			
128 A1.000 1290cc Inline4 SOHC 2v		03/1969 - 12/1984	L4	86.0mm x 55.5mm			
128 AC.000 1290cc Inline4 SOHC 2v		03/1972 - 12/1979	L4	86.0mm x 55.5mm			
128 AC5.000 1116cc Inline4 SOHC 2v		03/1972 - 02/1981	L4	80.0mm x 55.5mm			
128 AR.000 1290cc Inline4 SOHC 2v		09/1971 - 02/1976	L4	86.0mm x 55.5mm			
128 AS.000 1290cc Inline4 SOHC 2v		02/1973 - 12/1979	L4	86.0mm x 55.5mm			
128 BB.0A0 1116cc Inline4 SOHC 2v		11/1971 - 12/1979	L4	80.0mm x 55.5mm			
138 AE.0A.0 1116cc Inline4 SOHC 2v		10/1978 - 09/1982	L4	80.0mm x 55.5mm			
138 B.000 1116cc Inline4 SOHC 2v		10/1982 - 08/1989	L4	80.0mm x 55.5mm			
138 B1.000 1116cc Inline4 SOHC 2v		10/1982 - 12/1987	L4	80.0mm x 55.5mm			
138 C1.000 1116cc Inline4 SOHC 2v		10/1982 - 12/1987	L4	80.0mm x 55.5mm			
146 A4.000 1116cc Inline4 SOHC 2v		04/1985 - 08/1989	L4	80.0mm x 55.5mm			
146 A4.044 1116cc Inline4 SOHC 2v		01/1986 - 12/1989	L4	80.0mm x 55.5mm			
146 A4.048 1116cc Inline4 SOHC 2v		04/1985 - 07/1996	L4	80.0mm x 55.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>3 oil holes.</i>					
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
	<b>CONROD</b>	<i>2 oil holes.</i>					
<b>4B1444A</b> STD, .25, .50		45.508/1.7916	48.629/1.9145	1.538/.0606	19.20/.756	F810	1444A IH
		45.528/1.7924	48.646/1.9152				
	<b>MAINS</b>						
<b>5M1442A</b> STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
		50.775/1.9990	54.518/2.1464				
	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>					
<b>1T2849A</b> STD		56.610/2.2287	69.596/2.7400		2.36/.093	F817	2849T IH
		56.864/2.2387	69.850/2.7500				
	<b>CAMS</b>						
<b>3C3120</b> STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
	<b>AUX</b>						
<b>2B53118</b> STD, UNB			38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
			38.730/1.5248				
			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4162</b>					25.10/.988	F100	4RB4162
	<b>PISTON PIN BUSH</b>						
<b>RB4162</b>		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

39 Engine		Year		Cyl	Bore x Stroke	39	
146 C3.000 1116cc Inline4 SOHC 2v		06/1992 - 12/1993		L4	80.0mm x 55.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>3 oil holes.</i>					
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
<b>CONROD</b>		<i>2 oil holes.</i>					
<b>4B1444A</b> STD, .25, .50		45.508/1.7916	48.629/1.9145	1.538/.0606	19.20/.756	F810	1444A IH
		45.528/1.7924	48.646/1.9152				
<b>MAINS</b>							
<b>5M1442A</b> STD, 010, 020, 030	1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH
		50.775/1.9990	54.518/2.1464				
	3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
		50.775/1.9990	54.518/2.1464				
<b>CAMS</b>							
<b>3C3120</b> STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
<b>AUX</b>							
<b>2BS3118</b> STD, UNB			38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
			38.730/1.5248				
			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4162</b>					25.10/.988	F100	4RB4162
<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

40 Engine		Year		Cyl	Bore x Stroke	40	
192 B3.000 1598cc Inline4 2v		03/2005 - 12/2007		L4	79.0mm x 81.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>3 oil holes.</i>					
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
<b>CONROD</b>		<i>3 oil holes.</i>					
<b>4B1441P</b> STD		45.498/1.7913	48.630/1.9146	1.544/.0608	19.20/.756	F780	1441 IH
		45.518/1.7920	48.646/1.9152				
<b>MAINS</b>							
<b>5M1028A</b> STD, .25, .50	1,2,4,5	50.780/1.9992	54.507/2.1459	1.849/.0728	20.25/.797	F810	1028A IH
		50.800/2.0000	54.520/2.1465				
	3	50.780/1.9992	54.507/2.1459	1.849/.0728	22.75/.896	F810	1029A IH
		50.800/2.0000	54.520/2.1465				
<b>THRUST</b>		<i>Chamfered. Superseded by 1T1822A.</i>					
<b>1T2849A</b> STD		56.610/2.2287	69.596/2.7400		2.36/.093	F817	2849T IH
		56.864/2.2387	69.850/2.7500				
<b>CAMS</b>							
<b>3C3120</b> STD	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
		48.058/1.8920	50.150/1.9744				
	2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
		43.880/1.7276	46.950/1.8484				
	3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
		36.900/1.4528	39.992/1.5745				
<b>AUX</b>							
<b>2BS3118</b> STD, UNB			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				





40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS3118</b> STD, UNB			38.700/1.5236 38.730/1.5248	1.497/.0589	14.50/.571	F820	3118
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

41 Engine				Year	Cyl	Bore x Stroke	41
146 A2.000 1301cc Inline4 SOHC 2v Turbo				04/1985 - 08/1989	L4	80.5mm x 63.9mm	
146 A2.146 1301cc Inline4 SOHC 2v Turbo				01/1987 - 12/1987	L4	80.5mm x 63.9mm	
146 A2.246 1301cc Inline4 SOHC 2v Turbo				09/1989 - 03/1991	L4	80.5mm x 63.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>3 oil holes.</i>					
<b>4B1441P</b> STD		45.498/1.7913 45.518/1.7920	48.630/1.9146 48.646/1.9152	1.544/.0608	19.20/.756	F780	1441 IH
	<b>MAINS</b>						
<b>5M1028A</b> STD, .25, .50	1,2,4,5	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	20.25/.797	F810	1028A IH
	3	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	22.75/.896	F810	1029A IH
	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>					
<b>1T2849A</b> STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

42 Engine				Year	Cyl	Bore x Stroke	42
128 A5.000 1499cc Inline4 SOHC 2v				07/1978 - 09/1982	L4	86.4mm x 63.9mm	
138 A2.000 1499cc Inline4 SOHC 2v				01/1978 - 12/1988	L4	86.4mm x 63.9mm	
138 A4.000 1499cc Inline4 SOHC 2v				01/1980 - 07/1989	L4	86.4mm x 63.9mm	
138 A5.000 1499cc Inline4 SOHC 2v				11/1978 - 12/1989	L4	86.4mm x 63.9mm	
138 B3.000 1499cc Inline4 SOHC 2v				01/1983 - 04/1989	L4	86.4mm x 63.9mm	
138 B3.048 1499cc Inline4 SOHC 2v				12/1983 - 07/1989	L4	86.4mm x 63.9mm	
138 B5.031 1499cc Inline4 SOHC 2v				06/1985 - 12/1989	L4	86.4mm x 63.9mm	
138 C.048 1499cc Inline4 SOHC 2v				10/1985 - 07/1989	L4	86.4mm x 63.9mm	
138 C2.048 1499cc Inline4 SOHC 2v				09/1985 - 12/1993	L4	86.4mm x 63.9mm	
138 C3.048 1499cc Inline4 SOHC 2v				01/1978 - 07/1989	L4	86.4mm x 63.9mm	
149 A5.000 1499cc Inline4 SOHC 2v				05/1985 - 12/1987	L4	86.4mm x 63.9mm	
149 A5.046 1499cc Inline4 SOHC 2v				05/1985 - 12/1987	L4	86.4mm x 63.9mm	
149 C1.000 1499cc Inline4 SOHC 2v				07/1985 - 12/1996	L4	86.4mm x 63.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>3 oil holes.</i>					
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH
	<b>MAINS</b>						
<b>5M1053A</b> STD, 010, 020	1,2,4,5	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.843/.0726	20.75/.817	F810	1053A IH
	3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH

42 Continued ...							42
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>					
<b>1T2849A</b> STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

43 Engine	Year	Cyl	Bore x Stroke	43
100 GF.000 903cc Inline4 2v	01/1978 - 01/1986	L4	65.0mm x 68.0mm	
100 GL.000 903cc Inline4 2v	06/1971 - 12/1984	L4	65.0mm x 68.0mm	
100 GL.048 903cc Inline4 2v	06/1971 - 05/1983	L4	65.0mm x 68.0mm	
100 GL.064 903cc Inline4 OHV 2v	06/1971 - 06/1992	L4	65.0mm x 68.0mm	
100 GL3.000 903cc Inline4 2v	10/1980 - 06/1994	L4	65.0mm x 68.0mm	
100 GL6.000 843cc Inline4 2v	05/1974 - On	L4	65.0mm x 63.5mm	
1170 A1.000 899cc Inline4 2v	07/1991 - 07/1999	L4	65.0mm x 67.6mm	
1170 A1.046 899cc Inline4 2v	07/1991 - 01/2010	L4	65.0mm x 67.6mm	
141 A4.000 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	65.0mm x 58.0mm	
141 A4.048 769cc Inline4 SOHC 2v	01/1986 - 12/1992	L4	65.0mm x 58.0mm	
141 B.000 769cc Inline4 SOHC 2v	01/1986 - 01/1995	L4	65.0mm x 58.0mm	
146 A.000 903cc Inline4 2v	10/1980 - 07/1996	L4	65.0mm x 68.0mm	
146 A.048 903cc Inline4 2v	01/1986 - 03/1994	L4	65.0mm x 68.0mm	
146 A1.000 903cc Inline4 2v	03/1983 - 07/1996	L4	65.0mm x 68.0mm	
170 A1.000 903cc Inline4 2v	07/1991 - 12/1993	L4	65.0mm x 68.0mm	
170 A1.046 903cc Inline4 2v	07/1991 - 12/1993	L4	65.0mm x 68.0mm	
A 112 B1.054 965cc Inline4 2v	09/1982 - 12/1986	L4	67.2mm x 68.0mm	
M020 AA.09.0 903cc Inline4 2v	01/1980 - On	L4	65.0mm x 68.0mm	
127 A.000 903cc Inline4 2v	10/1976 - 12/1995	L4	65.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B2806A</b> STD, .25, .50		39.985/1.5742 40.005/1.5750	43.657/1.7188 43.670/1.7193	1.813/.0714	16.55/.652	F810	2806A IH
	<b>MAINS</b>						
<b>3M2807A</b> STD, .25, .50	1,3	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	20.63/.812	F810	2807A IH
	2	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	22.78/.897	F810	2808A IH
	<b>THRUST</b>						
<b>1T2712A</b> STD		54.610/2.1500 54.864/2.1600	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2712T IH

44 Engine	Year	Cyl	Bore x Stroke	44
100 G.002 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	65.0mm x 63.5mm	
100 GB.000 843cc Inline4 OHV 2v	03/1968 - 10/1972	L4	65.0mm x 63.5mm	
100 GBC.000 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	65.0mm x 68.0mm	
100 GBC.040 903cc Inline4 OHV 2v	02/1968 - 12/1972	L4	65.0mm x 68.0mm	
100 GC.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	65.0mm x 63.5mm	
100 GL.040 903cc Inline4 OHC 2v	02/1968 - 12/1972	L4	65.0mm x 68.0mm	
100 G.000 843cc Inline4 OHV 2v	07/1964 - 10/1972	L4	65.0mm x 63.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B2806A</b> STD, .25, .50		39.985/1.5742 40.005/1.5750	43.657/1.7188 43.670/1.7193	1.813/.0714	16.55/.652	F810	2806A IH





44 Continued ...							44
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3M2805A</b> STD, .25, .50	<b>MAINS</b>						
	1	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	18.62/.733	F810	2805A IH
	2	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	22.78/.897	F810	2823A IH
	3	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	20.62/.812	F810	2804A IH
	<b>MAINS</b>						
	1,3	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	20.63/.812	F810	2807A IH
<b>3M2807A</b> STD, .25, .50	2	50.790/1.9996 50.808/2.0003	54.508/2.1460 54.521/2.1465	1.837/.0723	22.78/.897	F810	2808A IH
	<b>THRUST</b>						
	<b>1T2712A</b> STD		54.610/2.1500 54.864/2.1600	69.596/2.7400 69.850/2.7500		2.36/.093	F817

45	Engine	Year	Cyl	Bore x Stroke	45
169	A3.000 1368cc Inline4 DOHC 4v	10/2006 - On	L4	72.0mm x 84.0mm	
169	A4.000 1242cc Inline4 SOHC 2v	07/2007 - On	L4	70.8mm x 78.9mm	
176	A7.000 1242cc Inline4 SOHC 2v	01/1994 - 06/2000	L4	70.8mm x 78.9mm	
176	A8.000 1242cc Inline4 SOHC 2v	10/1993 - On	L4	70.8mm x 78.9mm	
176	B1.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	70.8mm x 78.9mm	
176	B4.000 1242cc Inline4 SOHC 2v	03/1994 - 06/2000	L4	70.8mm x 78.9mm	
176	B9.000 1242cc Inline4 DOHC 4v	04/1997 - 06/2000	L4	70.8mm x 78.9mm	
178	B5.000 1242cc Inline4 SOHC 2v	04/1996 - On	L4	70.8mm x 78.9mm	
178	B7.045 1242cc Inline4 SOHC 2v	07/1997 - 08/2002	L4	70.8mm x 78.9mm	
178	C4.066 1242cc Inline4 SOHC 2v	07/1997 - On	L4	70.8mm x 78.9mm	
178	E2.000 1242cc Inline4 SOHC 2v	11/1999 - 09/2001	L4	70.8mm x 78.9mm	
182	B2.000 1242cc Inline4 DOHC 4v	10/1998 - 12/2002	L4	70.8mm x 78.9mm	
187	A1.000 1108cc Inline4 SOHC 2v	02/1995 - On	L4	70.0mm x 72.0mm	
188	A4.000 1242cc Inline4 SOHC 2v	07/1997 - On	L4	70.8mm x 78.9mm	
188	A5.000 1242cc Inline4 SOHC 2v	09/1999 - On	L4	70.8mm x 78.9mm	
192	B2.000 1368cc Inline4 DOHC 4v	12/2003 - On	L4	72.0mm x 84.0mm	
199	A4.000 1242cc Inline4 SOHC 2v	10/2005 - On	L4	70.8mm x 78.9mm	
199	A6.000 1368cc Inline4 DOHC 4v	10/2005 - On	L4	72.0mm x 84.0mm	
199	A7.000 1368cc Inline4 SOHC 2v	06/2006 - On	L4	72.0mm x 84.0mm	
223	A5.000 1242cc Inline4 SOHC 2v	03/2001 - On	L4	70.8mm x 78.9mm	
312	A1.000 1368cc Inline4 DOHC 4v Turbo	08/2008 - On	L4	72.0mm x 84.0mm	
350	A1.000 1368cc Inline4 SOHC 2v	10/2005 - On	L4	72.0mm x 84.0mm	
843	A1.000 1368cc Inline4 DOHC 4v	09/2003 - On	L4	72.0mm x 84.0mm	
955	A2.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	72.0mm x 84.0mm	
955	A6.000 1368cc Inline4 DOHC 4v	10/2009 - On	L4	72.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B3040A</b> STD, .25, .50	<b>CONROD</b>						
		41.988/1.6531 42.008/1.6539	45.127/1.7767 45.140/1.7772	1.548/.0609	19.00/.748	F810	3040A IH
<b>5M3041A</b> STD, .25, .50	<b>MAINS</b> <i>Set includes 2 thrustwashers.</i>						
	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	52.000/2.0472 52.200/2.0551	68.766/2.7073 69.020/2.7173		2.33/.092	F817	3041T UL
	<b>MAINS</b> <i>Has flanged thrust bearing.</i>						
<b>5M3044A</b> STD, .25, .50	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	19.00/.748	F810	3041A L
	1,2,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	23.95/.943	F810	3044A U

45 Continued ...							45
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M3045A</b> STD, .25, .50		<i>Overwidth flange version of 5M3044A. Flange size is Std + .010"</i>					
	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	19.00/.748	F810	3041A L
	1,2,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U
	3	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	24.20/.953	F810	3045A U

46 Engine				Year	Cyl	Bore x Stroke	46
141 C2.000 999cc Inline4 SOHC 2v				05/1986 - 08/1998	L4	70.0mm x 64.9mm	
146 B4.000 999cc Inline4 SOHC 2v				07/1990 - 03/1994	L4	70.0mm x 64.9mm	
156 A2.000 999cc Inline4 SOHC 2v				06/1989 - 02/1992	L4	70.0mm x 64.9mm	
156 A2.0157 999cc Inline4 SOHC 2v				07/1985 - 03/1994	L4	70.0mm x 64.9mm	
156 A2.048 999cc Inline4 SOHC 2v				01/1986 - 03/1997	L4	70.0mm x 64.9mm	
156 A2.050 999cc Inline4 SOHC 2v				07/1985 - 03/1994	L4	70.0mm x 64.9mm	
156 A2.100 999cc Inline4 SOHC 2v				01/1986 - 12/1993	L4	70.0mm x 64.9mm	
156 A2.146 999cc Inline4 SOHC 2v				01/1986 - 03/1997	L4	70.0mm x 64.9mm	
156 A2.246 999cc Inline4 SOHC 2v				04/1984 - 02/2004	L4	70.0mm x 64.9mm	
156 A2.256 999cc Inline4 SOHC 2v				10/1987 - 02/1992	L4	70.0mm x 64.9mm	
156 A3.000 999cc Inline4 SOHC 2v				01/1985 - 12/1992	L4	70.0mm x 64.9mm	
156 A3.100 999cc Inline4 SOHC 2v				01/1986 - 02/1992	L4	70.0mm x 64.9mm	
156 A4.000 769cc Inline4 SOHC 2v				01/1986 - 01/1995	L4	65.0mm x 58.0mm	
156 A4.048 769cc Inline4 SOHC 2v				01/1995 - 12/1997	L4	65.0mm x 58.0mm	
156 C.046 1108cc Inline4 SOHC 2v				01/1990 - 07/2004	L4	70.0mm x 72.0mm	
160 A3.000 1108cc Inline4 SOHC 2v				01/1988 - 12/1992	L4	70.0mm x 72.0mm	
176 A6.000 1108cc Inline4 SOHC 2v				09/1993 - 09/1999	L4	70.0mm x 72.0mm	
176 B2.000 1108cc Inline4 SOHC 2v				10/1994 - 01/2010	L4	70.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B3034A</b> STD, .25, .50		<b>CONROD</b>					
		37.998/1.4960 38.008/1.4964	41.128/1.6192 41.140/1.6197	1.549/.0610	19.00/.748	F810	3034A IH
<b>5M3036A</b> STD, .25, .50		<b>MAINS</b> <i>Set includes 2 thrustwashers.</i>					
	1,2,3,4,5	43.990/1.7319 44.000/1.7323	47.705/1.8781 47.718/1.8787	1.841/.0725	19.00/.748	F810	3036A IH
	3	48.000/1.8898 48.100/1.8937	63.800/2.5118 64.000/2.5197		2.33/.092	F817	3036T UL
<b>5M3037A</b> STD, .25, .50		<b>MAINS</b>					
	1,2,3,4,5	43.990/1.7319 44.000/1.7323	47.705/1.8781 47.718/1.8787	1.848/.0728	19.00/.748	F810	3037A L
	1,2,4,5	43.990/1.7319 44.000/1.7323	47.705/1.8781 47.718/1.8787	1.848/.0728	19.00/.748	F810	3037A U
	3	43.990/1.7319 44.000/1.7323	47.705/1.8781 47.718/1.8787	1.848/.0728	23.91/.941	F810	3039A(F) U

47 Engine				Year	Cyl	Bore x Stroke	47
125 A.000 1608cc Inline4 2v				07/1967 - 03/1974	L4	80.0mm x 80.0mm	
125 B.000 1608cc Inline4 2v				05/1969 - 10/1973	L4	80.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1441A</b> STD, 010, 020, 030		<b>CONROD</b> <i>3 oil holes.</i>					
		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH
<b>5M1442A</b> STD, 010, 020, 030		<b>MAINS</b>					
	1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH





47 Continued ...								47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>						
<b>1T2849A</b> STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH	
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162	
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162	

48 Engine				Year	Cyl	Bore x Stroke	48
146 B.000 1367cc Inline4 SOHC 2v Turbo Diesel				10/1986 - 10/1990	L4	78.0mm x 71.5mm	
146 B3.000 1367cc Inline4 SOHC 2v Turbo Diesel				10/1986 - 10/1990	L4	78.0mm x 71.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

	<b>MAINS</b>						
<b>5M2834A</b> STD, .25, .50	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH

49 Engine				Year	Cyl	Bore x Stroke	49
154 E1.000 1995cc Inline4 DOHC 4v				08/1992 - 08/1996	L4	84.0mm x 90.0mm	
160 A5.000 1756cc Inline4 DOHC 4v				11/1989 - 06/1992	L4	84.0mm x 79.2mm	
160 A8.046 1995cc Inline4 DOHC 4v				07/1991 - 04/1995	L4	84.0mm x 90.0mm	
175 A1.000 1995cc Inline4 DOHC 4v Turbo				11/1993 - 08/1996	L4	84.0mm x 90.0mm	
836 A3.000 1995cc Inline4 DOHC 4v				03/1993 - 08/1996	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>					
<b>4B2822A</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
<b>4B2822P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH
	<b>MAINS</b>						
<b>5M2834A</b> STD, .25, .50	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH

49 Continued ...								49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH	
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH	
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH	
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH	
<b>RB4159</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159	

50 Engine				Year	Cyl	Bore x Stroke	50
138 A.000 1301cc Inline4 SOHC 2v				01/1979 - 09/1982	L4	86.4mm x 55.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1441A</b> STD, 010, 020, 030	<b>CONROD</b>	<i>3 oil holes.</i>		1.547/.0609	19.20/.756	F810	1441A IH
		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152				
<b>4B1441P</b> STD	<b>CONROD</b>	<i>3 oil holes.</i>		1.544/.0608	19.20/.756	F780	1441 IH
		45.498/1.7913 45.518/1.7920	48.630/1.9146 48.646/1.9152				
<b>5M1442A</b> STD, 010, 020, 030	<b>MAINS</b> 1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH
<b>1T2849A</b> STD	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>			2.36/.093	F817	2849T IH
		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500				
<b>3C3120</b> STD	<b>CAMS</b> 1	48.033/1.8911 48.058/1.8920	51.120/2.0126 50.150/1.9744	1.530/.0602	14.20/.559	F820	3120
	2	43.853/1.7265 43.880/1.7276	46.920/1.8472 46.950/1.8484	1.530/.0602	16.00/.630	F820	3121
	3	36.875/1.4518 36.900/1.4528	39.962/1.5733 39.992/1.5745	1.530/.0602	15.00/.591	F820	3122
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

51 Engine				Year	Cyl	Bore x Stroke	51
124 A.000 1197cc Inline4 OHV 2v				02/1973 - 07/1975	L4	73.0mm x 71.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1441A</b> STD, 010, 020, 030	<b>CONROD</b>	<i>3 oil holes.</i>		1.547/.0609	19.20/.756	F810	1441A IH
		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152				
<b>5M1442A</b> STD, 010, 020, 030	<b>MAINS</b> 1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH



51		Continued ...						51
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>1T1822A</b> STD	<b>THRUST</b>	<i>No Chamfer.</i>						
		56.260/2.2150 56.510/2.2248	69.600/2.7402 69.850/2.7500		2.36/.093	F817	1822T IH	
<b>1T2849A</b> STD	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>						
		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH	
<b>3C3120</b> STD	<b>CAMS</b>	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
			48.058/1.8920	50.150/1.9744				
			43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
			43.880/1.7276	46.950/1.8484				
		2	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
			36.900/1.4528	39.992/1.5745				
<b>2B53118</b> STD, UNB	<b>AUX</b>			35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
				35.066/1.3805				
				38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
				38.730/1.5248				
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>						
					25.10/.988	F100	4RB4162	
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162	
		21.641/.8520	23.972/.9438					



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
940cc KL09H (711M) Inline4 OHV 2v	01/1968 - 12/1974	L4	940	57	51
957cc (Valencia) Inline4 OHV 2v	05/1976 - 02/1989	L4	957	58	61
997cc 105E Inline4 OHV 2v	01/1960 - 01/1967	L4	997	60	121
997cc 106E Inline4 OHV 2v	01/1960 - 01/1967	L4	997	60	121
997cc 107E Inline4 OHV 2v	01/1960 - 01/1967	L4	997	60	121
999cc TLB (HCS) Inline4 OHV 2v	09/1983 - 12/1995	L4	999	60	75
67ci (1.1L) Xflow (Kent) Inline4 OHV 2v	01/1973 - 12/1982	L4	1097	67	46
1098cc Kent X Flow Inline4 OHV 2v	01/1968 - 08/1980	L4	1098	67	51
1117cc GLA/B/C (Valencia) Inline4 OHV 2v	08/1980 - 03/1989	L4	1117	68	59
1117cc GMA,GPA (Valencia) Inline4 OHV 2v	09/1980 - 08/1983	L4	1117	68	57
1117cc GSE (Valencia) Inline4 OHV 2v	08/1983 - 12/1985	L4	1117	68	57
1117cc GSF (Valencia) Inline4 OHV 2v	09/1983 - 02/1989	L4	1117	68	58
1117cc GSG (Valencia) Inline4 OHV 2v	10/1985 - 09/1990	L4	1117	68	60
1119cc HCS Inline4 OHV 2v	03/1989 - 07/1996	L4	1119	68	75
1198cc 113E Inline4 OHV 2v	01/1961 - 08/1967	L4	1198	73	122
1242cc Duratec (Zetec-SE) Inline4 DOHC 4v	08/1995 - 01/2002	L4	1242	75	54
1294cc JAC TL13 Inline4 SOHC 2v	01/1970 - 12/1982	L4	1294	78	105
1294cc JCC TL13 Inline4 SOHC 2v	01/1970 - 12/1982	L4	1294	78	49
1294cc JCT TL13 Inline4 SOHC 2v	08/1982 - 12/1986	L4	1294	78	71
1296cc CVH Inline4 OHV 2v	09/1980 - 03/1989	L4	1296	79	55
1297cc Endura-E Inline4 OHV 2v	07/1990 - 10/2002	L4	1297	79	72
1297cc HCS Inline4 OHV 2v	12/1985 - 10/1990	L4	1297	79	72
1297cc Kent Inline4 OHV 2v	01/1962 - 12/1970	L4	1297	79	51
1298cc Kent X Flow Inline4 OHV 2v	10/1966 - 08/1985	L4	1298	79	51
1340cc 109E Inline4 OHV 2v	01/1961 - 01/1967	L4	1340	81	121
1388cc AS Series Duratec (Zetec-SE) Inline4 DOHC 4v	11/2004 - On	L4	1388	84	54
1388cc FH Series Duratec (Zetec-SE) Inline4 DOHC 4v	04/1996 - 01/2002	L4	1388	84	54
1388cc FX Series Duratec (Zetec-SE) Inline4 DOHC 4v	10/1998 - On	L4	1388	84	54
1388cc SP Series Duratec (Zetec-SE) Inline4 DOHC 4v	10/2008 - On	L4	1388	84	54
1392cc CVH Inline4 OHV 2v	01/1986 - 12/1996	L4	1392	84	55
1398cc Duratorq DLD-414 Inline4 SOHC 2v Turbo Diesel	11/2001 - On	L4	1398	85	34
1499cc Kent Inline4 OHV 2v	01/1963 - 12/1971	L4	1499	91	51
1558cc 125E, 3020E Lotus Inline4 DOHC 2v	01/1965 - 12/1975	L4	1558	95	116
1560cc Duratorq DLD-416 Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	1560	95	33
1593cc TL16G (GT) Inline4 SOHC 2v	01/1970 - 12/1982	L4	1593	97	49
1593cc TL16H (High Comp.) Inline4 SOHC 2v	01/1970 - 12/1985	L4	1593	97	49
1593cc TL16L (Low Comp.) Inline4 SOHC 2v	01/1970 - 12/1986	L4	1593	97	49
1596cc Duratec (Zetec-SE) Inline4 DOHC 4v	02/2004 - 01/2006	L4	1596	97	125
1597cc LUH Inline4 OHV 2v	03/1989 - 07/1996	L4	1597	97	56
1597cc Zetec-E Inline4 DOHC 4v	10/1992 - 12/2004	L4	1597	97	29
1598cc CVH Inline4 OHV 2v	09/1980 - 12/1993	L4	1598	97	55
1598cc CVH Inline4 OHV 2v Turbo	11/1984 - 07/1990	L4	1598	97	55
1598cc Kent X Flow Inline4 OHV 2v	01/1968 - 08/1983	L4	1598	97	51
1598cc TL16E Inline4 SOHC 2v	08/1982 - 02/1993	L4	1598	97	49
1598cc ZMD Inline4 DOHC 4v	06/1998 - 10/2002	L4	1598	97	78
98ci (1.6L) CVH Inline4 SOHC 2v	01/1980 - 12/1985	L4	1598	97	74
98ci (1.6L) Xflow (USA Fiesta) Inline4 OHV 2v	01/1977 - 12/1980	L4	1598	97	45
Cosworth BDA Series 1601cc Inline4 DOHC 4v	01/1969 - On	L4	1601	97	32
98ci (1.6L) Xflow (Kent/Pinto) Inline4 OHV 2v	01/1971 - 12/1973	L4	1605	98	73
1608cc LT Inline4 SOHC 2v Diesel	02/1984 - 07/1990	L4	1608	98	62
1679cc MHA Duratec Inline4 DOHC 4v	03/1997 - 06/2002	L4	1679	102	54
1753cc BHDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel	08/1999 - 03/2005	L4	1753	106	1
1753cc C9DA/B/C Duratorq Inline4 SOHC 2v Turbo Diesel	10/1998 - 11/2004	L4	1753	106	1
1753cc F9DA/B Duratorq Inline4 SOHC 2v Turbo Diesel	03/2001 - 11/2004	L4	1753	106	1
1753cc FFDA Duratorq Inline4 SOHC 2v Turbo Diesel	08/2002 - 11/2004	L4	1753	106	1
1753cc HCPA/PB Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63
1753cc KKDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel	11/2004 - On	L4	1753	106	63
1753cc P7PA/B Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1753cc R2PA Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63
1753cc RF Series Duratorq Inline4 SOHC 2v Turbo Diesel	10/1987 - 02/1993	L4	1753	106	1
1753cc RT Series Duratorq Inline4 SOHC 2v Diesel	07/1988 - On	L4	1753	106	2
1753cc RW Duratorq Inline4 SOHC 2v Turbo Diesel	06/2002 - On	L4	1753	106	63
1796cc EY Series Zetec-E Inline4 DOHC 4v	08/1998 - 05/2005	L4	1796	109	29
1796cc R Series Zetec-E Inline4 DOHC 4v	02/1992 - 09/2001	L4	1796	109	29
1796cc TL18H Inline4 SOHC 2v	10/1984 - 02/1992	L4	1796	109	79
1798cc Duratec (Mazda L) Inline4 DOHC 4v	10/2000 - On	L4	1798	109	53
1812cc V6 OHV 2v	01/1968 - On	V6	1812	110	120
116ci (1.9L) CVH Inline4 SOHC 2v	01/1985 - 12/1996	L4	1859	113	28
1.9L VIN 9/J Inline4 SOHC 2v	01/1985 - 12/1996	L4	1900	115	112
122ci (2.0L) CVH Inline4 SOHC 2v	01/1997 - 12/2004	L4	1988	121	27
1988cc Zetec-E Inline4 DOHC 4v	01/1993 - 05/2005	L4	1988	121	29
121ci (2.0L) Lima Inline4 SOHC 2v	01/1983 - 12/1988	L4	1990	121	44
122ci (2.0L) Pinto Inline4 SOHC 2v	01/1971 - 12/1974	L4	1993	121	113
1993cc Cosworth YB (CH20) Inline4 DOHC 4v Turbo	01/1986 - 12/1997	L4	1993	121	7
1993cc TL20CFI Inline4 SOHC 2v	01/1985 - 12/1992	L4	1993	121	50
1993cc TL20EFI Inline4 SOHC 2v	01/1985 - 12/1994	L4	1993	121	50
1993cc TL20H (High Comp.) Inline4 SOHC 2v	01/1971 - 12/1989	L4	1993	121	50
1993cc TL20L (Low Comp.) Inline4 SOHC 2v	01/1971 - 12/1994	L4	1993	121	50
1997cc Duratorq (PSA) Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	1997	121	47
121ci (2.0L) Duratec 20 Inline4 DOHC 4v	01/2005 - On	L4	1998	121	5
1998cc Duratorq ZSD-420 Inline4 DOHC 4v Turbo Diesel	08/2000 - On	L4	1998	121	124
1998cc V6 OHV 2v	01/1968 - 12/1981	V6	1998	121	88
140ci (2.3L) Duratec 23 Inline4 DOHC 4v	01/2001 - On	L4	2261	137	4
140ci (2.3L) Lima Inline4 SOHC 2v	01/1974 - 12/1997	L4	2299	140	26
140ci (2.3L) Lima Inline4 SOHC 2v Turbo	01/1979 - 12/1988	L4	2299	140	44
140ci (2.3L) HSC Inline4 OHV 2v	01/1984 - 12/1994	L4	2300	140	114
2304cc (Peugeot) Inline4 OHV Diesel	08/1982 - 02/1993	L4	2304	140	52
2358cc 4AA (York) Inline4 Diesel	11/1977 - 10/1986	L4	2358	143	64
144ci (2.4L) Inline6 OHV 2v	01/1960 - 12/1966	L6	2359	144	115
2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel	01/2000 - 05/2006	L4	2402	146	124
2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel.	03/2004 - On	L4	2402	146	48
153ci (2.5L) HSC Inline4 OHV 2v	01/1986 - 12/1991	L4	2494	152	31
2495cc 2603E/3008E V6 OHV 2v	01/1966 - 12/1972	V6	2495	152	94
2496cc (York) Inline4 2v Diesel	10/1983 - 12/2000	L4	2496	152	65
2496cc (York) Inline4 2v Turbo Diesel	05/1991 - 12/2000	L4	2496	152	66
2496cc 4DA (York) Inline4 2v Turbo Diesel	05/1991 - 08/1994	L4	2496	152	65
2496cc 4ED (York) Inline4 2v Turbo Diesel	08/1997 - 03/2000	L4	2496	152	65
2496cc 4HA/HD (York) Inline4 2v Diesel	08/1994 - 12/2000	L4	2496	152	67
2498cc (Peugeot) Inline4 OHV Diesel	01/1982 - 02/1992	L4	2498	152	52
2498cc (Peugeot) Inline4 OHV Turbo Diesel	06/1988 - 12/1994	L4	2498	152	52
153ci (2.5L) Lima Inline4 SOHC 2v	01/1998 - 12/2001	L4	2499	152	25
2500cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel	12/2006 - On	L4	2500	152	16
155ci (2.5L) Duratec 25 V6 DOHC 4v	01/1994 - 12/2001	V6	2544	155	15
2551cc V6 OHV 2v	01/1969 - 01/1979	V6	2551	155	88
158ci 32D Inline3 OHV 2v Diesel	01/1965 - 12/1981	L4	2589	158	6
170ci (2.8L) Inline6 OHV 2v	01/1960 - 12/1972	L6	2785	170	117
171ci (2.8L) V6 OHV 2v	01/1974 - 12/1986	V6	2802	171	118
175ci Inline3 OHV 2v Diesel	01/1965 - On	L3	2867	175	6
177ci (2.9L) V6 OHV 2v	01/1986 - 12/1992	V6	2900	177	119
2953cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel	12/2006 - On	L4	2953	180	17
181ci (3.0L) Duratec 30 V6 DOHC 4v	03/1996 - 12/2006	V6	2967	181	15
182ci (3.0L) (Vulcan) V6 OHV 2v	01/1986 - 12/2008	V6	2986	182	107
2994cc 3012E/3022E V6 OHV 2v	01/1966 - 12/1981	V6	2994	182	94
188ci (3.1L) Inline6 OHV 2v	01/1965 - 12/1970	L6	3080	188	80
192ci Inline3 OHV 2v Diesel	01/1975 - On	L3	3146	192	6
3.2L (193ci) (Australia) Inline6 SOHC 2v	03/1988 - 08/1992	L6	3157	192	85



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
3260cc E1ADKN-B Inline4 OHV 2v	01/1951 - 12/1965	L4	3260	198	3
200ci (3.3L) (4 main) Inline6 OHV 2v	01/1963 - 12/1964	L6	3277	200	43
200ci (3.3L) (7 main) Inline6 OHV 2v	01/1965 - 12/1983	L6	3277	200	24
3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v	06/1980 - 10/1986	L6	3277	200	86
3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v ULP	02/1986 - 03/1988	L6	3277	200	86
3.3L X Flow Cast Iron Head (Aust) Inline6 OHV 2v	01/1976 - 06/1980	L6	3277	200	87
201ci Inline3 OHV 2v	01/1965 - On	L6	3293	201	6
201ci Inline3 OHV 2v Diesel	01/1965 - On	L6	3293	201	6
213ci (3.5L) Duratec 35 V6 DOHC 4v	01/2006 - On	V6	3496	213	36
213ci (3.5L) Ecoboost V6 DOHC 4v Twin Turbo	01/2010 - 12/2015	V6	3496	213	36
3610cc 530E/591E/592E/630E Inline4 Diesel	01/1951 - On	L4	3610	220	3
3611cc E1ADDN-B Inline4 OHV 2v Diesel	01/1951 - 12/1965	L4	3611	220	96
221ci (3.6L) V8 OHV 2v	01/1962 - 12/1963	V8	3621	221	23
221ci Inline6 OHV 2v	01/1968 - 11/1970	L6	3621	221	90
227ci (3.7L) Duratec 37 V6 DOHC 4v	01/2008 - On	V6	3721	227	36
232ci (3.8L) V6 OHV 2v	01/1982 - 12/2004	V6	3801	232	92
232ci (3.8L) V6 OHV 2v Supercharged	01/1989 - 12/1995	V6	3801	232	8
233ci Inline4 OHV 2v	01/1965 - On	L4	3818	233	89
233ci Inline4 OHV 2v Diesel	01/1965 - On	L4	3818	233	89
238ci (3.9L) V6 OHV 2v	01/2004 - 12/2007	V6	3900	238	18
239ci (3.9L) V8 OHV 2v	01/1954 - 12/1955	V8	3916	239	37
240ci (3.9L) Inline6 OHV 2v	01/1965 - 12/1974	L6	3932	240	93
3933cc 2701E/2706E Inline4 OHV 2v Diesel	01/1965 - 12/1981	L4	3932	240	81
3.9L (240ci) (Australia) Inline6 SOHC 2v	01/1988 - 12/1992	L6	3949	240	85
4.0L (243ci) AU-AUIII Intech (Australia) Inline6 SOHC 2v	09/1998 - 07/2003	L6	3984	243	102
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v	10/2002 - On	L6	3984	243	102
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v Turbo	10/2002 - On	L6	3984	243	70
4.0L (243ci) EB-ED (Australia) Inline6 SOHC 2v	04/1992 - 03/1995	L6	3984	243	95
4.0L (243ci) EF-EL (Australia) Inline6 SOHC 2v	09/1994 - 12/1998	L6	3984	243	111
245ci (4.0L) V6 OHV 2v	01/1990 - 12/2000	V6	3998	243	77
245ci (4.0L) V6 SOHC 2v	11/1996 - 12/2010	V6	4011	244	76
250ci (4.1L) Inline6 OHV 2v (US version)	01/1969 - 12/1980	L6	4096	250	22
4.1L (250ci) X Flow Alloy Head (Aust) Inline6 OHV 2v	06/1980 - 10/1986	L6	4096	250	97
4.1L (250ci) X Flow Alloy Head EFI (Aust) Inline6 OHV 2v	01/1983 - 10/1986	L6	4096	250	86
4.1L (250ci) X Flow Alloy Head EFI ULP (Aust) Inline6 OHV 2v	01/1986 - 03/1988	L6	4096	250	86
4.1L (250ci) X Flow Alloy Head ULP (Aust) Inline6 OHV 2v	02/1986 - 03/1993	L6	4096	250	86
4.1L (250ci) X Flow Cast Iron Head (Aust) Inline6 OHV 2v	10/1974 - 12/1983	L6	4096	250	98
250ci Non X Flow Inline6 OHV 2v	01/1970 - 12/1978	L6	4097	250	95
254ci 2712E Inline4 OHV 2v	01/1965 - On	L4	4162	254	81
255ci (4.2L) V8 OHV 2v	01/1980 - 12/1982	V8	4178	255	23
256ci (4.2L) Triton V6 OHV 2v	01/1997 - 12/2008	V6	4195	256	18
256ci (4.2L) V6 OHV 2v	01/2004 - 12/2007	V6	4195	256	18
256ci (4.2L) V8 OHV 2v	01/1954 - 01/1955	V8	4195	256	37
256ci Inline4 OHV 2v Diesel	01/1965 - 12/1999	L4	4195	256	89
256ci Inline4 OHV 2v Turbo Diesel	10/1971 - On	L4	4195	256	83
260ci (4.3L) V8 OHV 2v	01/1962 - 01/1965	V8	4260	260	23
272ci (4.5L) V8 OHV 2v	01/1955 - 12/1959	V8	4457	272	37
281ci (4.6L) (Romeo) V8 SOHC 2v	01/1991 - 12/2010	V8	4600	280	84
281ci (4.6L) (Windsor) V8 SOHC 2v	01/1993 - 12/2010	V8	4600	280	9
281ci (4.6L) InTech V8 DOHC 4v	01/1993 - 12/2005	V8	4600	280	42
281ci (4.6L) (Romeo) V8 SOHC 2v	01/2006 - 12/2010	V8	4601	280	41
281ci (4.6L) (Romeo) V8 SOHC 3v	01/2005 - 12/2010	V8	4601	280	10
281ci (4.6L) Triton (Romeo) V8 SOHC 2v	01/1997 - 12/2010	V8	4601	280	21
281ci (4.6L) Triton (Romeo) V8 SOHC 3v	01/2009 - 12/2010	V8	4601	280	10
281ci (4.6L) Triton (Windsor) V8 SOHC 2v	01/1997 - 12/2010	V8	4601	280	9
281ci (4.6L) V8 DOHC 4v	01/1996 - 12/2004	V8	4601	280	42
281ci (4.6L) V8 DOHC 4v Supercharged	01/2003 - 12/2004	V8	4601	280	20
289ci (4.7L) V8 OHV 2v	01/1963 - 03/1968	V8	4735	289	23





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
292ci (4.8L) V8 OHV 2v	01/1955 - 01/1964	V8	4785	292	37
4888cc 589E Inline6 OHV 2v	01/1956 - 12/1965	L6	4888	298	103
300ci (4.9L) Inline6 OHV 2v	01/1965 - 12/1996	L6	4916	300	100
302ci (5.0L) Windsor V8 OHV 2v EFI	01/1983 - 07/2003	V8	4942	301	23
302ci (5.0L) Cleveland V8 OHV 2v	01/1972 - 01/1988	V8	4948	302	91
302ci (5.0L) Windsor V8 OHV 2v Carb.	01/1968 - 12/1985	V8	4948	302	23
302ci (5.0L) Coyote V8 DOHC 4v	10/2010 - On	V8	4951	302	19
5.0L (Australia) V8 DOHC 4v S/Charged Boss 315	10/2010 - On	V8	4951	302	19
5.0L (Australia) V8 DOHC 4v S/Charged Boss 335	10/2010 - On	V8	4951	302	19
330ci (5.4L) V8 OHV 2v	01/1975 - 12/1977	V8	5407	330	40
330ci (5.4L) (Windsor) V8 SOHC 2v Supercharged	01/1999 - 12/2004	V8	5408	330	9
330ci (5.4L) InTech V8 DOHC 4v	01/1999 - 12/2004	V8	5408	330	14
330ci (5.4L) V8 (Alum. Block) (GT) DOHC 4v Supercharged	01/2005 - 12/2006	V8	5408	330	30
330ci (5.4L) V8 (CI Block) (GT500) DOHC 4v Supercharged	01/2007 - 12/2011	V8	5408	330	19
330ci (5.4L) V8 SOHC 2v	01/1997 - 12/2010	V8	5408	330	9
330ci (5.4L) V8 SOHC 3v	01/2004 - 12/2010	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 260	10/2002 - 05/2008	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 290	10/2002 - 10/2010	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 302	11/2007 - 10/2010	V8	5408	330	14
5.4L (Australia) V8 DOHC 4v Boss 315	05/2008 - 10/2010	V8	5408	330	14
5409cc 2708E, 2703E Inline6 Diesel OHV 2v	01/1965 - 12/1978	L6	5409	330	108
5416cc 590E Inline6 OHV 2v Diesel	01/1955 - 12/1965	L6	5416	330	104
332ci (5.4L) V8 OHV 2v	01/1958 - 12/1959	V8	5440	332	39
351ci (5.8L) Cleveland V8 OHV 2v	06/1969 - 12/1982	V8	5751	351	109
351ci (5.8L) Modified V8 OHV 2v	01/1975 - 12/1982	V8	5751	351	11
351ci (5.8L) Windsor V8 OHV 2v	01/1969 - 12/1997	V8	5751	351	110
352ci (5.8L) V8 OHV 2v	01/1958 - 12/1967	V8	5768	352	40
359ci (5.9L) V8 OHV 2v	01/1974 - 12/1975	V8	5882	359	40
360ci (5.9L) V8 OHV 2v	01/1976 - 12/1976	V8	5899	360	40
360ci 2704E/2709E Inline6 OHV 2v Diesel	01/1965 - 12/1981	L6	5899	360	82
360ci Inline6 OHV 2v Turbo Diesel	01/1968 - 12/1981	L6	5899	360	106
361ci (5.9L) V8 OHV 2v	01/1964 - 12/1978	V8	5915	361	40
363ci (6.0L) VT365 Power Stroke V8 OHV 4v T/Diesel	01/2003 - 12/2010	V8	5954	363	68
365ci Parent Block 2713E Inline6 OHV 2v Diesel	01/1965 - 12/1981	L6	5981	365	108
370ci (6.1L) V8 OHV 2v	01/1979 - 12/1991	V8	6063	370	101
379ci (6.2L) Boss V8 SOHC 2v	01/2010 - On	V8	6210	379	35
380ci 2715E Inline6 OHV 2v Diesel	01/1965 - 12/1982	L6	6227	380	106
387ci (6.4L) VT365 Power Stroke V8 OHV 4v T/Diesel	01/2008 - 12/2010	V8	6336	386	69
389ci (6.4L) V8 OHV 2v	01/1975 - 12/1978	V8	6374	389	40
390ci (6.4L) V8 OHV 2v	01/1964 - 12/1976	V8	6390	390	40
391ci (6.4L) V8 OHV 2v	01/1964 - 12/1978	V8	6407	391	40
400ci (6.6L) V8 OHV 2v	01/1970 - 12/1982	V8	6554	400	11
401ci Inline6 OHV 2v Turbo Diesel	01/1969 - On	L6	6571	401	99
410ci (6.7L) V8 OHV 2v	01/1966 - 12/1967	V8	6718	410	40
415ci (6.8L) Triton V10 SOHC 2v	01/1997 - 12/2009	V10	6800	414	13
415ci (6.8L) Triton V10 SOHC 3v	01/2005 - 12/2009	V10	6800	415	38
421ci (6.9L) Navistar V8 OHV 2v Diesel	01/1983 - 12/1987	V8	6900	421	12
427ci (7.0L) V8 OHV 2v	01/1964 - 12/1969	V8	6997	427	40
428ci (7.0L) V8 OHV 2v	01/1966 - 12/1970	V8	7013	428	40
429ci (7.0L) V8 OHV 2v	01/1968 - 12/1998	V8	7030	429	101
445ci (7.3L) IDI Navistar V8 OHV 2v Diesel	01/1988 - 12/1994	V8	7300	445	12
445ci (7.3L) IDI Navistar V8 OHV 2v T/Diesel	01/1992 - 12/1994	V8	7300	445	12
445ci (7.3L) Power Stroke V8 OHC 2v T/Diesel	01/1994 - 05/2003	V8	7300	445	123
460ci (7.5L) V8 OHV 2v	01/1968 - 12/1997	V8	7538	460	101

1	Engine	Year	Cyl	Bore x Stroke	1
	1753cc BHDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	08/1999 - 03/2005	L4	82.5mm x 82.0mm	
	1753cc C9DA/B/C Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	10/1998 - 11/2004	L4	82.5mm x 82.0mm	
	1753cc F9DA/B Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	03/2001 - 11/2004	L4	82.5mm x 82.0mm	
	1753cc FFDA Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	08/2002 - 11/2004	L4	82.5mm x 82.0mm	
	1753cc RF Series Duratorq Inline4 SOHC 2v Turbo Diesel <i>Engine Codes RFA, RFB, RFD, RFK, RFL, RFM, RFN, RFS, RVA (Endura-D)</i>	10/1987 - 02/1993	L4	82.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has no notches - suits turbo engines.</i>							
<b>4B1660P</b> STD, .25, .50		48.970/1.9279	52.000/2.0472	1.495/.0589	21.70/.854	F780	1660 IH
		48.990/1.9287	52.020/2.0480				
<b>5M1664A</b> STD, .25, .50	<b>MAINS</b> 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	24.00/.945	F810	1664A UL
		53.990/2.1256	57.696/2.2715				
<b>5M1678A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1678A L
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	23.00/.906	F810	1678WA U
		53.990/2.1256	57.696/2.2715				
<b>THRUST</b> <i>Same as 1T1135</i>							
<b>1T2152</b> STD, .005		59.436/2.3400	74.498/2.9330		2.36/.093	F250	2152T U
		59.690/2.3500	74.752/2.9430				
<b>5C3312</b> STD	<b>CAMS</b>	27.960/1.1008	30.500/1.2008	1.250/.0492	17.65/.695	F820	3312 IH
		27.980/1.1016	30.525/1.2018				
<b>4RB4210</b>	<b>PISTON PIN BUSH</b>				25.25/.994	F100	4RB4210
<b>RB4210</b> UNB	<b>PISTON PIN BUSH</b>				25.25/.994	F100	RB4210

2	Engine	Year	Cyl	Bore x Stroke	2
	1753cc RT Series Duratorq Inline4 SOHC 2v Diesel <i>Engine Codes RTA, RTB, RTC, RTD, RTE, RTF, RTG, RTH, RTI, RTJ (Endura-D)</i>	07/1988 - On	L4	82.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>This set has notches.</i>							
<b>4B1667A</b> STD, .25, .50		48.970/1.9279	52.000/2.0472	1.495/.0589	21.70/.854	F810	1667A IH
		48.990/1.9287	52.020/2.0480				
<b>5M1664A</b> STD, .25, .50	<b>MAINS</b> 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	24.00/.945	F810	1664A UL
		53.990/2.1256	57.696/2.2715				
<b>5M1678A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1665A IH
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	22.17/.873	F810	1678A L
		53.990/2.1256	57.696/2.2715				
	2,3,4,5	53.970/2.1248	57.683/2.2710	1.836/.0723	23.00/.906	F810	1678WA U
		53.990/2.1256	57.696/2.2715				





2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T2152</b> STD, 005	<b>THRUST</b>	<i>Same as 1T1135</i>					
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U
<b>5C3312</b> STD	<b>CAMS</b>	27.960/1.1008	30.500/1.2008	1.250/.0492	17.65/.695	F820	3312 IH
		27.980/1.1016	30.525/1.2018				
<b>4RB4210</b>	<b>PISTON PIN BUSH</b>				25.25/.994	F100	4RB4210
<b>RB4210</b> UNB	<b>PISTON PIN BUSH</b>				25.25/.994	F100	RB4210

3 Engine	Year	Cyl	Bore x Stroke	3
3260cc E1ADKN-B Inline4 OHV 2v	01/1951 - 12/1965	L4	95.0mm x 115.0mm	
3610cc 530E/591E/592E/630E Inline4 Diesel	01/1951 - On	L4	100.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2100A</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>	63.492/2.4997	67.208/2.6460	1.824/.0718	34.03/1.340	F820	2100AL IH
		63.505/2.5002	67.221/2.6465				
<b>5M2104A</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b> 1,2,4	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F820	2104AL IH
		76.218/3.0007	80.442/3.1670				
	3,5	76.205/3.0002	80.429/3.1665	2.078/.0818	36.20/1.425	F820	2105AL IH
		76.218/3.0007	80.442/3.1670				
<b>2T2102</b> STD, 0025, 005, 0075	<b>THRUST</b>	84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T UL
		84.450/3.3248	99.000/3.8976				
<b>5C5757</b> STD	<b>CAMS</b>	52.311/2.0595	55.575/2.1880	1.613/.0635	26.80/1.055	F23	5756
		52.324/2.0600	55.601/2.1890				
		52.311/2.0595	55.575/2.1880	1.613/.0635	24.13/.950	F23	5757
		52.324/2.0600	55.601/2.1890				

4 Engine	Year	Cyl	Bore x Stroke	4
140ci (2.3L) Duratec 23 Inline4 DOHC 4v	01/2001 - On	L4	87.4mm x 94.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8170A</b> STD, .25, .50	<b>CONROD</b>	49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F810	8170A IH
		50.000/1.9685	53.045/2.0884				
<b>RACE SERIES</b> <b>4B8170H</b> STD, .025, .25	<b>CONROD</b>	49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F781	8170H IH
		50.000/1.9685	53.045/2.0884				
<b>RACE SERIES</b> <b>4B8170HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.487/.0585	17.00/.669	F781	8170HX IH
		49.980/1.9677	53.025/2.0876				
<b>5M8174A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
		52.000/2.0472	57.037/2.2455				
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U
		52.000/2.0472	57.037/2.2455				
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U
		52.000/2.0472	57.037/2.2455				



5 Engine		Year		Cyl	Bore x Stroke	5	
121ci (2.0L) Duratec 20 Inline4 DOHC 4v		01/2005 - On		L4	87.5mm x 83.1mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing does not have a notch.</i>							
<b>4B4390A</b> STD, .25, .50, .75		46.980/1.8496 47.000/1.8504	50.025/1.9695 50.045/1.9703	1.505/.0593	16.25/.640	F810	4390A IH
<b>RACE SERIES</b> <b>4B4390H</b> STD, .025, .25	<b>CONROD</b>	46.980/1.8496 47.000/1.8504	50.025/1.9695 50.045/1.9703	1.503/.0592	16.25/.640	F781	4390H IH
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B4390HX</b> STD		46.980/1.8496 47.000/1.8504	50.025/1.9695 50.045/1.9703	1.491/.0587	16.25/.640	F781	4390HX IH
<b>CONROD</b> <i>Bearing does not have a notch.</i>							
<b>4B4390P</b> STD, .25, .50		46.980/1.8496 47.000/1.8504	50.025/1.9695 50.045/1.9703	1.505/.0593	16.25/.640	F780	4390 IH
<b>MAINS</b>							
<b>5M8174A</b> STD, .25, .50, .75	1,2,3,4,5	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.504/.0986	19.10/.752	F810	8173A L
	1,2,4,5	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.504/.0986	19.10/.752	F810	8173A U
	3	51.980/2.0465 52.000/2.0472	57.019/2.2448 57.037/2.2455	2.504/.0986	25.75/1.014	F810	8174A(F) U

6 Engine		Year		Cyl	Bore x Stroke	6	
158ci 32D Inline3 OHV 2v Diesel		01/1965 - 12/1981		L4	4.20in x 3.80in		
175ci Inline3 OHV 2v Diesel		01/1965 - On		L3	4.20in x 4.20in		
192ci Inline3 OHV 2v Diesel		01/1975 - On		L3	111.8mm x 111.7mm		
201ci Inline3 OHV 2v		01/1965 - On		L6	4.40in x 4.40in		
201ci Inline3 OHV 2v Diesel		01/1965 - On		L6	4.40in x 4.40in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B1121P</b> STD, 010, 020, 030, 040, 050,		69.840/2.7496 69.860/2.7504	74.706/2.9412 74.727/2.9420	2.400/.0945	35.81/1.410	F810	1121A IH
<b>MAINS</b> <i>Undersizes 040" to 060" have flanges Std+.010" wide.</i>							
<b>4M1122A</b> STD, 010, 020, 030, 040, 060	1,3,4	85.634/3.3714 85.654/3.3722	92.055/3.6242 92.075/3.6250	3.176/.1250	28.19/1.110	F810	1122A UL
	2	85.634/3.3714 85.654/3.3722	92.055/3.6242 92.075/3.6250	3.176/.1250	36.96/1.455	F810	1123A(F) UL
<b>CAMS</b>							
<b>4C5806</b> STD	1,2,3,4	60.693/2.3895 60.719/2.3905	64.364/2.5340 64.890/2.5547	1.816/.0715	19.55/.770	F23	5806
<b>PISTON PIN BUSH</b> <i>Non-Turbo only.</i>							
<b>RB4015</b> UNB		38.092/1.4997 38.100/1.5000	41.275/1.6250 41.300/1.6260	1.780/.0701	41.15/1.620	F100	RB4015

7 Engine		Year		Cyl	Bore x Stroke	7	
1993cc Cosworth YB (CH20) Inline4 DOHC 4v Turbo		01/1986 - 12/1997		L4	90.8mm x 77.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2166A</b> STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.496/.0589	20.10/.791	F810	2166A IH
<b>CONROD</b>							
<b>RACE SERIES</b> <b>4B2166H</b> STD, .25, .50		51.990/2.0468 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.496/.0589	20.12/.792	F781	2166H IH
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B2166HX</b> STD		51.990/2.0468 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.483/.0584	20.12/.792	F781	2166HX IH



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2167A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b> 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
<b>RACE SERIES</b> <b>5M2167H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
<b>RACE SERIES</b> <b>5M2167HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.790/.0705	23.75/.935	F780	2167HX
		56.990/2.2437	60.620/2.3866				
<b>5M2167P</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b> 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
<b>2T2167</b> STD, 005	<b>THRUST</b>	<i>Was 2T2185.</i>			2.35/.093	F250	2167T
		63.600/2.5039	80.240/3.1590				
<b>3C5816</b> STD	<b>CAMS</b> 1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
		44.630/1.7571	47.721/1.8788				
	2	44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
		45.011/1.7721	48.102/1.8938				

8 Engine				Year	Cyl	Bore x Stroke	8		
232ci (3.8L) V6 OHV 2v Supercharged <i>VIN Code R</i>				01/1989 - 12/1995	V6	96.8mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>6B1283A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	58.674/2.3100	61.636/2.4266	1.462/.0576	17.06/.672	F810	5200A		
		58.699/2.3110	61.656/2.4274				IH		
<b>4M1782A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2	63.983/2.5190	68.890/2.7122	2.451/.0965	23.58/.928	F810	7294WA		
		64.003/2.5198	68.910/2.7130				U		
	1,2	63.983/2.5190	68.890/2.7122	2.451/.0965	21.80/.858	F810	7294A		
		64.003/2.5198	68.910/2.7130				L		
	3	63.983/2.5190	68.890/2.7122	2.446/.0963	29.62/1.166	F810	7295A(F)		
	4	64.003/2.5198	68.910/2.7130				UL		
<b>4C1447S</b> STD	<b>CAMS</b>	<i>For 1988-2004 engines.</i>		1.763/.0694	16.26/.640	F23	5258		
		52.083/2.0505	55.664/2.1915						
		52.108/2.0515	55.687/2.1924						
	2,3	52.083/2.0505	55.664/2.1915	1.570/.0618	14.22/.560	F23	5259		
		52.108/2.0515	55.687/2.1924						
<b>2BS1445S</b> STD	<b>BALANCE</b> 1,2					F23	1445		





9	Engine	Year	Cyl	Bore x Stroke	9
	281ci (4.6L) (Windsor) V8 SOHC 2v <i>VIN Codes 6,W,X</i>	01/1993 - 12/2010	V8	90.2mm x 90.0mm	
	281ci (4.6L) Triton (Windsor) V8 SOHC 2v <i>VIN Codes 6,W</i>	01/1997 - 12/2010	V8	90.2mm x 90.0mm	
	330ci (5.4L) (Windsor) V8 SOHC 2v Supercharged <i>VIN Code 3</i>	01/1999 - 12/2004	V8	90.2mm x 105.8mm	
	330ci (5.4L) V8 SOHC 2v <i>VIN Codes L,Z</i>	01/1997 - 12/2010	V8	90.2mm x 105.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
<b>RACE SERIES</b> <b>8B1442H</b> STD, .025, .25	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
<b>RACE SERIES</b> <b>8B1442HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
<b>8B1442P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
<b>MAINS</b>							
<b>5M7296A</b> STD, .25, .50, .75, 1.00	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	19.26/.758	F810	7293A U
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	18.35/.722	F810	7296A L
	2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	20.06/.790	F810	7296WA U
	5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
<b>RACE SERIES</b> <b>5M7296H</b> STD, .025, .25	<b>MAINS</b>	<i>Includes 3 thrustwashers to be used in #5 position. Windsor engine.</i>					
	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.26/.758	F780	5644H U
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5646H L
	2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	20.06/.790	F780	5645H U
	5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
<b>RACE SERIES</b> <b>5M7296HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	19.26/.758	F780	5644HX U
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	18.35/.722	F780	5646HX L
	2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	20.06/.790	F780	5645HX U
	5	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
<b>CAMS</b>							
<b>6C1100A</b> STD, .25	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L
	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
<b>PISTON PIN BUSH</b>							
<b>8RB4113</b> UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
<b>PISTON PIN BUSH</b>							
<b>RB4113</b> UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113





10 Engine		Year	Cyl	Bore x Stroke	10		
281ci (4.6L) (Romeo) V8 SOHC 3v VIN Codes 8,H		01/2005 - 12/2010	V8	90.2mm x 90.0mm			
281ci (4.6L) Triton (Romeo) V8 SOHC 3v		01/2009 - 12/2010	V8	90.2mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442H</b> STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442HX</b> STD		0.001" extra oil clearance on STD journal.		1.912/.0753	20.95/.825	F781	5636HX
		52.984/2.0860	56.865/2.2388	1.912/.0753	20.95/.825	F781	IH
53.002/2.0867		56.886/2.2396					
<b>CONROD</b>							
<b>8B1442P</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH
<b>MAINS</b>							
<b>5M5647A</b> STD, .25, .50, .75, 1.00		76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
	1,2,3,4	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F810	5647A
		67.506/2.6577	72.423/2.8513				L
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	19.25/.758	F810	5647WA
		67.506/2.6577	72.423/2.8513				U
	5	67.480/2.6567	72.400/2.8504	2.443/.0962	22.61/.890	F810	5648A(F)
		67.506/2.6577	72.423/2.8513				L
<b>RACE SERIES</b>							
<b>5M5647H</b> STD, .025, .25		76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
	1,2,3,4	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F780	5647H
		67.506/2.6577	72.423/2.8513				L
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	19.25/.758	F780	5647WH
		67.506/2.6577	72.423/2.8513				U
	5	67.480/2.6567	72.400/2.8504	2.443/.0962	22.61/.890	F780	5648H(F)
		67.506/2.6577	72.423/2.8513				L
<b>RACE SERIES</b>							
<b>5M5647HX</b> STD		Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.					
		1,2,3,4	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F780
		67.506/2.6577	72.423/2.8513				L
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	19.25/.758	F780	5647WH
		67.506/2.6577	72.423/2.8513				U
	5	76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
	5	67.480/2.6567	72.400/2.8504	2.443/.0962	22.61/.890	F780	5648H(F)
		67.506/2.6577	72.423/2.8513				L
<b>MAINS</b>							
<b>6C1100A</b> STD, .25		26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5195A
		26.962/1.0615	29.144/1.1474				U
	1,2,3,4,5,6	26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5194A
		26.962/1.0615	29.144/1.1474				L

11 Engine		Year	Cyl	Bore x Stroke	11		
351ci (5.8L) Modified V8 OHV 2v		01/1975 - 12/1982	V8	4.00in x 3.50in			
400ci (6.6L) V8 OHV 2v		01/1970 - 12/1982	V8	4.00in x 4.00in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B927A</b> STD, 010, 020, 030, 040		58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F810	2106A
		58.702/2.3111	61.897/2.4369				IH



**11 Continued ...** **11**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>8B927H</b> STD, 001, 010, 020	<b>CONROD</b>	58.682/2.3103 58.702/2.3111	61.877/2.4361 61.897/2.4369	1.585/.0624	18.18/.716	F781	2106H UL
<b>8B927P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/.0625	18.18/.716	F780	2106 IH
<b>5M1432A</b> STD, 10, 20, 30, 40	<b>MAINS</b>	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	5207A L
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	2177A U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	5209A(F) L
<b>RACE SERIES</b> <b>5M1432H</b> STD, 001, 010	<b>MAINS</b>	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	5207H L
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	2177H U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	2178H(F) U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	5209H(F) L
<b>RACE SERIES</b> <b>5M1432HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>		2.417/.0952	21.26/.837	F780	2177HX U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	21.26/.837	F780	5207HX L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	5209HX(F) L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	2178HX(F) U
<b>5M981A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Fully grooved set. Alternate part number 5M2177A</i>		2.433/.0958	21.26/.837	F810	2177A IH
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) IH
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) IH
<b>5C5696</b> STD	<b>CAMS</b>	<i>Was 5C710S.</i>		1.572/.0619	17.02/.670	F23	5696
	1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.572/.0619	17.02/.670	F23	5696
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F23	5616
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F23	5617
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F23	5618
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/.0608	17.02/.670	F23	5619

<b>12</b> Engine	Year	Cyl	Bore x Stroke	<b>12</b>
421ci (6.9L) Navistar V8 OHV 2v Diesel	01/1983 - 12/1987	V8	101.6mm x 106.2mm	
445ci (7.3L) IDI Navistar V8 OHV 2v Diesel	01/1988 - 12/1994	V8	104.4mm x 106.2mm	
445ci (7.3L) IDI Navistar V8 OHV 2v T/Diesel	01/1992 - 12/1994	V8	104.4mm x 106.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B1327P</b> STD, 001, 010, 020, 030	<b>CONROD</b>	63.449/2.4980 63.475/2.4990	68.339/2.6905 68.364/2.6915	2.418/.0952	22.55/.888	F780	5241 IH





12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1596A</b> STD, 010, 020, 030	<b>MAINS</b>						
	1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	22.20/.874	F810	2934A UL
	3	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	28.70/1.130	F810	2935A(F) UL
	<b>MAINS</b>						
<b>5M1596P</b> STD, 010, 020, 030	1,2,4,5	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	22.20/.874	F780	2934 UL
	3	79.319/3.1228 79.339/3.1236	84.206/3.3152 84.231/3.3162	2.410/.0949	28.70/1.130	F780	2935(F) UL
	<b>CAMS</b>						
	1	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/.0646	20.07/.790	F23	5262
<b>5C1092S</b> STD	2,3,4,5	53.315/2.0990 53.340/2.1000	56.655/2.2305 56.693/2.2320	1.640/.0646	16.64/.655	F23	5263
	<b>PISTON PIN BUSH</b>						
<b>RB4230</b> UNB			31.433/1.2375 31.445/1.2380		27.38/1.078	F100	RB4230

13 Engine			Year	Cyl	Bore x Stroke	13	
415ci (6.8L) Triton V10 SOHC 2v VIN Code S			01/1997 - 12/2009	V10	90.1mm x 105.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>10B1442A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810 5636A IH
	<b>MAINS</b>		<i>Set includes 3 piece thrustwasher set.</i>				
<b>6M7296A</b> STD, .25, .50, .75, 1.00	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	19.26/.758	F810	7293A U
	1,2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	18.35/.722	F810	7296A L
	2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	20.06/.790	F810	7296WA U
	6	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
	<b>CAMS</b>		<i>Repair inserts for LEFT cylinder bank.</i>				
	<b>7C5197LA</b> STD, .25	0,1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810
0,2,3,4,6		26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
1,5		26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5197A U
<b>CAMS</b>		<i>Repair inserts for RIGHT cylinder bank.</i>					
<b>7C5197RA</b> STD, .25	0,1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L
	0,1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	<b>BALANCE</b>		<i>Balance Shaft - repair inserts.</i>				
<b>3BS5196A</b> STD, .25	A	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5196A L
	A,B,C	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	B,C	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5197A L



14 Engine		Year	Cyl	Bore x Stroke	14		
330ci (5.4L) InTech V8 DOHC 4v <i>VIN Code A,R</i>		01/1999 - 12/2004	V8	90.2mm x 105.7mm			
330ci (5.4L) V8 SOHC 3v <i>VIN Codes 5,V</i>		01/2004 - 12/2010	V8	90.2mm x 105.8mm			
5.4L (Australia) V8 DOHC 4v Boss 260		10/2002 - 05/2008	V8	90.2mm x 105.8mm			
5.4L (Australia) V8 DOHC 4v Boss 290		10/2002 - 10/2010	V8	90.2mm x 105.8mm			
5.4L (Australia) V8 DOHC 4v Boss 302		11/2007 - 10/2010	V8	90.2mm x 105.8mm			
5.4L (Australia) V8 DOHC 4v Boss 315		05/2008 - 10/2010	V8	90.2mm x 105.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442H</b> STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX
		52.984/2.0860	56.865/2.2388				IH
53.002/2.0867		56.886/2.2396					
<b>CONROD</b>							
<b>8B1442P</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH
<b>MAINS</b>							
<b>5M7296A</b> STD, .25, .50, .75, 1.00	1	<i>Main set includes 3 thrustwashers to be used in #5 position. Windsor engine.</i>					
		67.480/2.6567	72.400/2.8504	2.443/.0962	19.26/.758	F810	7293A
		67.506/2.6577	72.421/2.8512				U
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F810	7296A
		67.506/2.6577	72.421/2.8512				L
	2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	20.06/.790	F810	7296WA
		67.506/2.6577	72.421/2.8512				U
	5	76.750/3.0216	96.750/3.8090		2.92/.115	F817	7296T
		77.000/3.0315	97.000/3.8189				UL
	<b>RACE SERIES</b>						
<b>5M7296H</b> STD, .025, .25	1	<i>Includes 3 thrustwashers to be used in #5 position. Windsor engine.</i>					
		67.480/2.6567	72.400/2.8504	2.443/.0962	19.26/.758	F780	5644H
		67.506/2.6577	72.423/2.8513				U
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	18.35/.722	F780	5646H
		67.506/2.6577	72.423/2.8513				L
	2,3,4,5	67.480/2.6567	72.400/2.8504	2.443/.0962	20.06/.790	F780	5645H
		67.506/2.6577	72.423/2.8513				U
	5	76.750/3.0216	96.750/3.8090		2.92/.115	F817	7296T
		77.000/3.0315	97.000/3.8189				UL
	<b>RACE SERIES</b>						
<b>5M7296HX</b> STD	1	<i>0.001" extra oil clearance on STD journal.</i>					
		67.480/2.6567	72.400/2.8504	2.430/.0957	19.26/.758	F780	5644HX
		67.506/2.6577	72.423/2.8513				U
	1,2,3,4,5	67.480/2.6567	72.400/2.8504	2.430/.0957	18.35/.722	F780	5646HX
		67.506/2.6577	72.423/2.8513				L
	2,3,4,5	67.480/2.6567	72.400/2.8504	2.430/.0957	20.06/.790	F780	5645HX
		67.506/2.6577	72.423/2.8513				U
	5	76.750/3.0216	96.750/3.8090		2.92/.115	F817	7296T
		77.000/3.0315	97.000/3.8189				UL
	<b>PISTON PIN BUSH</b>						
<b>8RB4113</b> UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
			24.000/.9449				
<b>PISTON PIN BUSH</b>							
<b>RB4113</b> UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113
			24.000/.9449				



15 Engine		Year	Cyl	Bore x Stroke	15		
155ci (2.5L) Duratec 25 V6 DOHC 4v VIN Codes G,L		01/1994 - 12/2001	V6	82.4mm x 79.5mm			
181ci (3.0L) Duratec 30 V6 DOHC 4v VIN Codes I,S		03/1996 - 12/2006	V6	89.0mm x 79.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B4395A</b> STD, .25, .50, .75		49.972/1.9674	53.015/2.0872	1.501/.0591	18.00/.709	F810	4395A
		49.990/1.9681	53.035/2.0880				
<b>MAINS</b> <i>Set includes thrustwasher.</i>							
<b>4M7262A</b> STD, .25, .50, .75	1,2,4,5	62.969/2.4791	67.998/2.6771	2.502/.0985	17.90/.705	F810	7262A
		62.992/2.4800	68.021/2.6780				
	3	62.969/2.4791	67.998/2.6771	2.502/.0985	22.30/.878	F810	7263A
		62.992/2.4800	68.021/2.6780				L
<b>PISTON PIN BUSH</b>							
<b>RB4114</b> UNB			24.015/.9455 24.040/.9465	1.850/.0728	21.00/.827	F100	RB4114
16 Engine		Year	Cyl	Bore x Stroke	16		
2500cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel		12/2006 - On	L4	93.0mm x 92.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8240A</b> STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F810	8240A
		54.955/2.1636	58.000/2.2835				
<b>MAINS</b>							
<b>5M8242A</b> STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				UL
<b>THRUST</b>							
<b>2T8242</b> STD		74.900/2.9488 75.150/2.9587	91.350/3.5964 91.600/3.6063		2.49/.098	F817	8242T UL
17 Engine		Year	Cyl	Bore x Stroke	17		
2953cc Duratorq (Mazda) Inline4 DOHC 4v T/Diesel		12/2006 - On	L4	96.0mm x 102.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8243P</b> STD, .25, .50, .75, 1.00		56.940/2.2417	60.005/2.3624	1.511/.0595	23.60/.929	F780	8243
		56.955/2.2423	60.020/2.3630				
<b>MAINS</b>							
<b>5M8242A</b> STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A
		66.955/2.6360	71.020/2.7961				UL
<b>THRUST</b>							
<b>2T8242</b> STD		74.900/2.9488 75.150/2.9587	91.350/3.5964 91.600/3.6063		2.49/.098	F817	8242T UL





18	Engine	Year	Cyl	Bore x Stroke	18
	238ci (3.9L) V6 OHV 2v <i>VIN Code 6</i>	01/2004 - 12/2007	V6	96.8mm x 88.0mm	
	256ci (4.2L) Triton V6 OHV 2v <i>VIN Code 2</i>	01/1997 - 12/2008	V6	96.8mm x 95.0mm	
	256ci (4.2L) V6 OHV 2v <i>VIN Code 2</i>	01/2004 - 12/2007	V6	96.8mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B4500A</b> STD, .25, .50, .75		58.682/2.3103	61.630/2.4264	1.460/.0575	19.90/.783	F810	4500A
		58.702/2.3111	61.648/2.4271				IH
<b>MAINS</b> <i>Supersedes 4M1561P.</i>							
<b>4M7295A</b> STD, .25, .50, .75	1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	21.80/.858	F810	7294A
		64.003/2.5198	68.910/2.7130				L
	1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	23.58/.928	F810	7294WA
		64.003/2.5198	68.910/2.7130				U
	3	63.983/2.5190	68.890/2.7122	2.446/.0963	29.62/1.166	F810	7295A(F)
		64.003/2.5198	68.910/2.7130				UL
<b>CAMS</b> <i>For 1988-2004 engines.</i>							
<b>4C1447S</b> STD	1,4	52.083/2.0505	55.664/2.1915	1.763/.0694	16.26/.640	F23	5258
		52.108/2.0515	55.687/2.1924				
	2,3	52.083/2.0505	55.664/2.1915	1.570/.0618	14.22/.560	F23	5259
		52.108/2.0515	55.687/2.1924				
<b>BALANCE</b>							
<b>2B51445S</b> STD	1,2					F23	1445

19	Engine	Year	Cyl	Bore x Stroke	19
	302ci (5.0L) Coyote V8 DOHC 4v <i>VIN Code F</i>	10/2010 - On	V8	92.2mm x 92.7mm	
	330ci (5.4L) V8 (CI Block) (GT500) DOHC 4v Supercharged <i>From Shelby GT500.</i>	01/2007 - 12/2011	V8	90.2mm x 105.7mm	
	5.0L (Australia) V8 DOHC 4v S/Charged Boss 315	10/2010 - On	V8	92.2mm x 92.7mm	
	5.0L (Australia) V8 DOHC 4v S/Charged Boss 335	10/2010 - On	V8	92.2mm x 92.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442H</b> STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442HX</b> STD		52.984/2.0860	56.865/2.2388	1.912/.0753	20.95/.825	F781	5636HX
		53.002/2.0867	56.886/2.2396				IH
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>8B1442P</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH

20	Engine	Year	Cyl	Bore x Stroke	20
	281ci (4.6L) V8 DOHC 4v Supercharged <i>VIN Code Y</i>	01/2003 - 12/2004	V8	90.2mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH



20		Continued ...						20	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>8B1442H</b> STD, .025, .25	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH		
<b>RACE SERIES</b> <b>8B1442HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>			1.912/.0753	20.95/.825	F781	5636HX IH	
<b>8B1442P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH		
<b>5M5647A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U		
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F810	5647A L		
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F810	5647WA U		
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F810	5648A(F) L		
<b>RACE SERIES</b> <b>5M5647H</b> STD, .025, .25	<b>MAINS</b>	<i>Main set contains thrust washer used in #5 upper position. For Aluminium blocks, Romeo engine.</i>				2.36/.093	F817	5639T U	
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L		
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U		
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L		
<b>RACE SERIES</b> <b>5M5647HX</b> STD	<b>MAINS</b>	<i>Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.</i>				2.36/.093	F817	5639T U	
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L		
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U		
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U		
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L		
<b>6C1201A</b> STD, .25	<b>CAMS</b>	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5192A U		
	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5190A L		
	2,3,4,5,8,9,10,	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5191A L		
	2,3,4,5,8,9,10,	26.962/1.0615 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5193A U		
<b>8RB4113</b> UNB	<b>PISTON PIN BUSH</b>		24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113		
<b>RB4113</b> UNB	<b>PISTON PIN BUSH</b>		24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113		





21	Engine	Year	Cyl	Bore x Stroke	21
	281ci (4.6L) Triton (Romeo) V8 SOHC 2v VIN Code W	01/1997 - 12/2010	V8	90.2mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
<b>RACE SERIES</b>							
<b>8B1442H</b> STD, .025, .25		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
<b>RACE SERIES</b>							
<b>8B1442HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
<b>CONROD</b>							
<b>8B1442P</b> STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
<b>MAINS</b>							
<i>For Engines with Cast Iron Block Main set contains thrust washer used in #5 upper position. For cast iron blocks, Romeo engine.</i>							
<b>5M2007A</b> STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	18.25/.719	F810	5638A L
	1,2,3,4,5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	19.12/.753	F810	5638WA U
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	22.61/.890	F810	5639A(F) L
	<b>MAINS</b>						
<b>5M5647A</b> STD, .25, .50, .75, 1.00		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F810	5647A L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F810	5647WA U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F810	5648A(F) L
	<b>MAINS</b>						
<i>For Engines with Aluminium Block Main set contains thrust washer used in #5 upper position. For Aluminium blocks, Romeo engine.</i>							
<b>5M5647H</b> STD, .025, .25		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	<b>MAINS</b>						
<i>For Engines with Aluminium Block Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.</i>							
<b>5M5647HX</b> STD	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	<b>CAMS</b>						
<b>6C1100A</b> STD, .25	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>8RB4113</b> UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
<b>PISTON PIN BUSH</b>							
<b>RB4113</b> UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113

22 Engine				Year	Cyl	Bore x Stroke	22		
250ci (4.1L) Inline6 OHV 2v (US version) VIN C,L				01/1969 - 12/1980	L6	3.68in x .15in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b> <i>Was 6B583A</i>									
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH		
<b>RACE SERIES</b>									
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH		
<b>RACE SERIES</b>									
<b>6B2150HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
<b>CONROD</b>									
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH		
<b>MAINS</b>									
<b>7M979A</b> STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F810	2185A UL		
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F810	2187A(F) UL		
<b>MAINS</b> <i>Was 7M2185.</i>									
<b>7M979P</b> STD, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F780	2185 UL		
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL		
<b>CAMS</b> <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>									
<b>4C5826</b> STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826		
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827		
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828		
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746		

23 Engine				Year	Cyl	Bore x Stroke	23
221ci (3.6L) V8 OHV 2v				01/1962 - 12/1963	V8	3.50in x 2.87in	
255ci (4.2L) V8 OHV 2v				01/1980 - 12/1982	V8	93.5mm x 76.2mm	
260ci (4.3L) V8 OHV 2v				01/1962 - 01/1965	V8	3.80in x 2.87in	
289ci (4.7L) V8 OHV 2v				01/1963 - 03/1968	V8	4.00in x 2.87in	
302ci (5.0L) Windsor V8 OHV 2v Carb.				01/1968 - 12/1985	V8	4.00in x 3.00in	
302ci (5.0L) Windsor V8 OHV 2v EFI				01/1983 - 07/2003	V8	101.6mm x 76.2mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B634A</b> STD, 01, 10, 20, 30, 40		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.458/.0574	18.44/.726	F810	2131A IH
<b>RACE SERIES</b>							
<b>8B634H</b> STD, 001, 009, 010, 011, 020		53.919/2.1228 53.939/2.1236	56.871/2.2390 56.891/2.2398	1.460/.0575	18.44/.726	F781	2131H UL





23		Continued ...						23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Lowers contain dowel holes.</i>						
<b>8B634HD</b> STD, 001, 010		53.919/2.1228	56.871/2.2390	1.460/.0575	18.44/.726	F781	2131HD	
		53.939/2.1236	56.891/2.2398				L	
		53.919/2.1228	56.871/2.2390	1.460/.0575	18.44/.726	F781	2131H	
		53.939/2.1236	56.891/2.2398				U	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>8B634HX</b> STD		53.919/2.1228	56.871/2.2390	1.447/.0570	18.44/.726	F781	2131HX	
		53.939/2.1236	56.891/2.2398				UL	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Lowers contain dowel holes.</i>						
<b>8B634HXD</b> STD		53.919/2.1228	56.871/2.2390	1.447/.0570	18.44/.726	F781	2131HDX	
		53.939/2.1236	56.891/2.2398				L	
		53.919/2.1228	56.871/2.2390	1.447/.0570	18.44/.726	F781	2131HX	
		53.939/2.1236	56.891/2.2398				U	
<b>8B634P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>Was 8B2131.</i>						
		53.919/2.1228	56.871/2.2390	1.458/.0574	18.44/.726	F780	2131	
		53.939/2.1236	56.891/2.2398				IH	
<b>5M590A</b> STD, 01, 10, 20, 30, 40	<b>MAINS</b>	1,2,4,5	57.104/2.2482	62.006/2.4412	2.438/.0960	22.48/.885	F810	2132A
			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.438/.0960	28.78/1.133	F810	2133A(F)
			57.125/2.2490	62.027/2.4420				UL
<b>RACE SERIES</b>	<b>MAINS</b>	1,2,4,5	57.104/2.2482	62.006/2.4412	2.431/.0957	22.48/.885	F780	2132H
<b>5M590H</b> STD, 001, 009, 010, 011, 020			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.431/.0957	28.78/1.133	F780	2133H(F)
			57.125/2.2490	62.027/2.4420				UL
	<b>RACE SERIES</b>	<b>MAINS</b>	1,2,4,5	57.104/2.2482	62.006/2.4412	2.418/.0952	22.48/.885	F780
<b>5M590HX</b> STD			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.418/.0952	28.78/1.133	F780	2133HX(F)
			57.125/2.2490	62.027/2.4420				UL
	<b>5M590P</b> STD, 010, 020, 030, 040	<b>MAINS</b>	1,2,4,5	57.104/2.2482	62.006/2.4412	2.438/.0960	22.48/.885	F780
			57.125/2.2490	62.027/2.4420				UL
		3	57.104/2.2482	62.006/2.4412	2.438/.0960	28.78/1.133	F780	2133(F)
			57.125/2.2490	62.027/2.4420				UL
<b>RACE SERIES</b>	<b>CAMS</b>	<i>For engines with constant housing bores at 2.2041" - 2.2051".</i>						
<b>5C1763S</b> STD	1,2,3,4,5	52.845/2.0805	55.982/2.2040	1.544/.0608	17.02/.670	F830	5610C	
		52.870/2.0815	56.070/2.2075					
<b>5C5616</b> STD	<b>CAMS</b>	<i>Was 5C510S.</i>						
	1	52.845/2.0805	55.982/2.2040	1.544/.0608	17.02/.670	F23	5610	
		52.870/2.0815	56.070/2.2075					
	2	52.464/2.0655	55.601/2.1890	1.544/.0608	17.02/.670	F23	5616	
		52.489/2.0665	55.626/2.1900					
	3	52.083/2.0505	55.220/2.1740	1.544/.0608	17.02/.670	F23	5617	
		52.108/2.0515	55.245/2.1750					
	4	51.702/2.0355	54.839/2.1590	1.544/.0608	17.02/.670	F23	5618	
		51.727/2.0365	54.864/2.1600					
	5	51.321/2.0205	54.458/2.1440	1.544/.0608	17.02/.670	F23	5619	
		51.346/2.0215	54.483/2.1450					
<b>RACE SERIES</b>	<b>CAMS</b>	<i>Was 5C510S.</i>						
<b>5C5616C</b> STD	1	52.845/2.0805	55.982/2.2040	1.544/.0608	17.02/.670	F830	5610C	
		52.870/2.0815	56.070/2.2075					
	2	52.464/2.0655	55.601/2.1890	1.544/.0608	17.02/.670	F830	5616C	
		52.489/2.0665	55.626/2.1900					
	3	52.083/2.0505	55.220/2.1740	1.544/.0608	17.02/.670	F830	5617C	
		52.108/2.0515	55.245/2.1750					
	4	51.702/2.0355	54.839/2.1590	1.544/.0608	17.02/.670	F830	5618C	
		51.727/2.0365	54.864/2.1600					



23 Continued ...							23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C5616C</b> STD	5	51.321/2.0205	54.458/2.1440	1.544/.0608	17.02/.670	F830	5619C
		51.346/2.0215	54.483/2.1450				

24 Engine				Year	Cyl	Bore x Stroke	24
200ci (3.3L) (7 main) Inline6 OHV 2v				01/1965 - 12/1983	L6	3.68in x 3.13in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

		<b>CONROD</b> <i>Was 6B583A</i>					
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH
		53.945/2.1238	56.891/2.2398				
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H IH
		53.945/2.1238	56.891/2.2398				
<b>RACE SERIES</b>		<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>					
<b>6B2150HX</b> STD		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
		53.945/2.1238	56.891/2.2398				
		<b>CONROD</b>					
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150 IH
		53.945/2.1238	56.891/2.2398				
		<b>MAINS</b> <i>Half groove set.</i>					
<b>7M1389A</b> STD, 010, 020, 030, 040	1,2,3,4,6,7	57.104/2.2482	60.990/2.4012	1.928/.0759	25.90/1.020	F810	5224A L
		57.125/2.2490	61.011/2.4020				
	1,2,3,4,6,7	57.019/2.2448	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A U
		57.119/2.2488	61.006/2.4018				
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2125A(F) L
		57.124/2.2490	61.011/2.4020				
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) U
		57.124/2.2490	61.011/2.4020				
		<b>MAINS</b> <i>Full groove set. Was 7M771A.</i>					
<b>7M2126A</b> STD, 010, 020, 030, 040	1,2,3,4,6,7	57.109/2.2484	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A IH
		57.119/2.2488	61.006/2.4018				
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) IH
		57.124/2.2490	61.011/2.4020				
		<b>CAMS</b> <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>					
<b>4C5826</b> STD	1	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				
	2	45.961/1.8095	49.480/1.9480	1.735/.0683	18.54/.730	F23	5827
		45.987/1.8105	49.505/1.9490				
	3	45.961/1.8095	49.860/1.9630	1.925/.0758	18.54/.730	F23	5828
		45.987/1.8105	49.886/1.9640				
	4	45.961/1.8095	50.241/1.9780	2.116/.0833	18.54/.730	F23	5746
		45.987/1.8105	50.267/1.9790				

25 Engine				Year	Cyl	Bore x Stroke	25
153ci (2.5L) Lima Inline4 SOHC 2v VIN Code C				01/1998 - 12/2001	L4	96.0mm x 86.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

		<b>CONROD</b>					
<b>4B984A</b> STD, 010, 020, 030		51.981/2.0465	55.169/2.1720	1.585/.0624	20.32/.800	F810	2186A IH
		51.999/2.0472	55.189/2.1728				
		<b>MAINS</b> <i>For dual spark plug engines.</i>					
<b>5M1743A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.010/2.2051	60.886/2.3971	2.428/.0956	24.13/.950	F810	1753A L
		56.030/2.2059	60.907/2.3979				
	1,2,4,5	56.010/2.2051	60.886/2.3971	2.428/.0956	24.13/.950	F810	1753A U
		56.030/2.2059	60.907/2.3979				
	3	56.010/2.2051	60.886/2.3971	2.428/.0956	30.33/1.194	F810	1754A(F) U
		56.030/2.2059	60.907/2.3979				





25 Continued ...							25	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>MAINS</b> <i>For dual spark plug engines.</i>						
<b>5M1743H</b> STD, 001, 010, 020	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H L	
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H U	
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	30.33/1.194	F780	1754H(F) U	
<b>RACE SERIES</b>		<b>MAINS</b> <i>For dual spark plug engines.</i>						
<b>5M1743HX</b> STD	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX L	
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX U	
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	30.33/1.194	F780	1754HX(F) U	
<b>5M1743P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>For dual spark plug engines.</i>						
	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 L	
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 U	
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	30.33/1.194	F780	1754(F) U	
<b>4C777BS</b> STD		<b>CAMS</b> <i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>						
	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5253	
		<b>4C777S</b> STD						
<b>2C1095S</b> STD		<b>AUX</b>						
	1	41.960/1.6520 41.986/1.6530	45.644/1.7970 45.670/1.7980	1.810/.0713	12.83/.505	F820	7341	
		2	41.960/1.6520 41.986/1.6530	45.136/1.7770 45.160/1.7779	1.550/.0610	12.83/.505	F820	7342

26 Engine	Year	Cyl	Bore x Stroke	26
140ci (2.3L) Lima Inline4 SOHC 2v <i>VIN Codes 2,6,A,B,M,Y</i>	01/1974 - 12/1997	L4	96.0mm x 79.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B984A</b> STD, 010, 020, 030		<b>CONROD</b>					
		51.981/2.0465 51.999/2.0472	55.169/2.1720 55.189/2.1728	1.585/.0624	20.32/.800	F810	2186A IH
		<b>5M1117A</b> STD, 010, 020, 030, 040					
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F810	2185A UL
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F810	2187A(F) UL
		<b>RACE SERIES</b>					
<b>5M1117H</b> STD, 001, 010, 020		<b>MAINS</b> <i>For single spark plug engines.</i>					
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2194H L
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2185H U
		3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	30.35/1.195	F780
<b>RACE SERIES</b>		<b>MAINS</b> <i>For single spark plug engines.</i>					
<b>5M1117HX</b> STD	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2194HX L
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2185HX U



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M117HX</b> STD	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	30.35/1.195	F780	2187HX(F) UL
<b>MAINS</b>		<i>For single spark plug engines.</i>					
<b>5M1117P</b> STD, 010, 020, 030, 040	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F780	2185 UL
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL
<b>MAINS</b>		<i>For dual spark plug engines.</i>					
<b>5M1743A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F810	1753A L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F810	1753A U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	30.33/1.194	F810	1754A(F) U
<b>RACE SERIES</b>		<i>For dual spark plug engines.</i>					
<b>5M1743H</b> STD, 001, 010, 020	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	24.13/.950	F780	1753H U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.423/.0954	30.33/1.194	F780	1754H(F) U
<b>RACE SERIES</b>		<i>For dual spark plug engines.</i>					
<b>5M1743HX</b> STD	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	24.13/.950	F780	1753HX U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.410/.0949	30.33/1.194	F780	1754HX(F) U
<b>MAINS</b>		<i>For dual spark plug engines.</i>					
<b>5M1743P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 L
	1,2,4,5	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	24.13/.950	F780	1753 U
	3	56.010/2.2051 56.030/2.2059	60.886/2.3971 60.907/2.3979	2.428/.0956	30.33/1.194	F780	1754(F) U
<b>CAMS</b>		<i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>					
<b>4C777BS</b> STD	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5253
<b>CAMS</b>							
<b>4C777S</b> STD	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5254

27 Engine				Year	Cyl	Bore x Stroke	27
122ci (2.0L) CVH Inline4 SOHC 2v VIN Code P				01/1997 - 12/2004	L4	87.9mm x 87.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1380A</b> STD, .25, .50		43.888/1.7279 43.909/1.7287	46.888/1.8460 46.909/1.8468	1.488/.0586	19.50/.768	F810	5231A IH
<b>MAINS</b>							
<b>5M1706A</b> STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	21.45/.845	F810	5235A L
	1,2,4,5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	22.45/.884	F810	5236A U
	3	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	28.73/1.131	F810	5237A(F) U



28 Engine		Year		Cyl	Bore x Stroke	28	
116ci (1.9L) CVH Inline4 SOHC 2v <i>VIN Codes 9,K,J</i>		01/1985 - 12/1996		L4	81.9mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1276A</b> STD, 010, 020, 030		47.889/1.8854	50.889/2.0035	1.487/.0585	19.35/.762	F810	5226A
		47.909/1.8862	50.909/2.0043				IH
<b>CONROD</b>							
<b>4B1380A</b> STD, 25, 50		43.888/1.7279	46.888/1.8460	1.488/.0586	19.50/.768	F810	5231A
		43.909/1.7287	46.909/1.8468				IH
<b>MAINS</b>							
<b>5M1706A</b> STD, 25, 50, 75	1,2,3,4,5	57.980/2.2827	62.286/2.4522	2.128/.0838	21.45/.845	F810	5235A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.286/2.4522	2.128/.0838	22.45/.884	F810	5236A
		58.000/2.2835	62.300/2.4528				U
	3	57.980/2.2827	62.286/2.4522	2.128/.0838	28.73/1.131	F810	5237A(F)
		58.000/2.2835	62.300/2.4528				U
<b>CAMS</b> <i>OHC Repair Bush Set</i>							
<b>5C6003S</b> STD	1			1.277/.0503	23.50/.925	F23	5350
	2			1.214/.0478	23.50/.925	F23	5351
	3			1.151/.0453	23.50/.925	F23	5352
	4			1.087/.0428	23.50/.925	F23	5353
	5			1.024/.0403	23.50/.925	F23	5354

29 Engine		Year		Cyl	Bore x Stroke	29	
1597cc Zetec-E Inline4 DOHC 4v <i>Engine Codes L1E, L1F, L1G, L1H, L1J, L1K, L1L, L1N, L1Q</i>		10/1992 - 12/2004		L4	76.0mm x 88.0mm		
1796cc EY Series Zetec-E Inline4 DOHC 4v <i>Engine Codes EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL</i>		08/1998 - 05/2005		L4	80.6mm x 88.0mm		
1796cc R Series Zetec-E Inline4 DOHC 4v <i>Engine Codes RDA, RDB, RKA, RKB, RKC, RKF, RKH, RKJ, RKK, RQB, RQC</i>		02/1992 - 09/2001		L4	80.6mm x 88.0mm		
1988cc Zetec-E Inline4 DOHC 4v <i>Engine Codes EDBA, EDBB, EDBC, EDBD, EDDC, EDDF, NGA</i>		01/1993 - 05/2005		L4	84.8mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B4135A</b> STD, 25, 50, 75		46.890/1.8461	49.890/1.9642	1.475/.0581	20.10/.791	F810	4135A
		46.910/1.8468	49.910/1.9650				IH
<b>MAINS</b>							
<b>5M7193A</b> STD, 25, 50, 75	1,2,3,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				U
	3	57.980/2.2827	62.287/2.4522	2.131/.0839	24.68/.972	F810	7195A(F)
		58.000/2.2835	62.300/2.4528				U

30 Engine		Year		Cyl	Bore x Stroke	30	
330ci (5.4L) V8 (Alum. Block) (GT) DOHC 4v Supercharged <i>From Ford GT.</i>		01/2005 - 12/2006		V8	90.2mm x 105.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, 25, 50, 75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH



30 Continued ...							30
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>8B1442H</b> STD, .025, .25	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
<b>RACE SERIES</b> <b>8B1442HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
<b>8B1442P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
<b>RACE SERIES</b> <b>5M5645H</b> STD, .025, .25	<b>MAINS</b>	1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	20.06/.790	F780	5645H U
		1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5646H L
		5 76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL
<b>RACE SERIES</b> <b>5M5645HX</b> STD	<b>MAINS</b>	1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	20.06/.790	F780	5645HX U
		1,2,3,4,5 67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.430/.0957	18.35/.722	F780	5646HX L
		5 76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL

31 Engine				Year	Cyl	Bore x Stroke	31
153ci (2.5L) HSC Inline4 OHV 2v				01/1986 - 12/1991	L4	93.5mm x 90.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1383A</b> STD, 010, 020, 030	<b>CONROD</b>	53.929/2.1232 53.950/2.1240	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	5240A IH
<b>5M1629A</b> STD, 010, 020, 030	<b>MAINS</b>	1 57.104/2.2482 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	25.90/1.020	F810	5223A U
		1,2,3,4,5 57.125/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	25.90/1.020	F810	5224A L
		2,4,5 57.019/2.2448 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/.0759	25.90/1.020	F810	2126A U
		3 57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) U
<b>4C1251S</b> STD	<b>CAMS</b>	1 50.988/2.0074 51.013/2.0084	55.988/2.2042 56.012/2.2052	2.470/.0972	18.42/.725	F23	5270
		2,3 50.988/2.0074 51.013/2.0084	55.588/2.1885 55.613/2.1895	2.270/.0894	18.42/.725	F147	5271
		4 50.988/2.0074 51.013/2.0084	55.988/2.2042 56.012/2.2052	2.470/.0972	12.90/.508	F23	5272

32 Engine				Year	Cyl	Bore x Stroke	32
Cosworth BDA Series 1601cc Inline4 DOHC 4v				01/1969 - On	L4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B1060H</b> STD, 001, 010, 020	<b>CONROD</b>	49.200/1.9370 49.213/1.9375	52.927/2.0837 52.940/2.0842	1.840/.0724	19.17/.755	F781	1060H IH
<b>RACE SERIES</b> <b>4B1060HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.827/.0719	19.17/.755	F781	1060HX IH





32 Continued ...							32
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>5M2152H</b> STD, 001, 010, 020	<b>MAINS</b> 1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH
<b>RACE SERIES</b> <b>5M2152HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.818/.0716	25.52/1.005	F780	2152HX IH
<b>5M2152P</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH
<b>1T2152</b> STD, 005	<b>THRUST</b>	<i>Same as 1T1135</i>			2.36/.093	F250	2152T U
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430				

33 Engine				Year	Cyl	Bore x Stroke	33
1560cc Duratorq DLD-416 Inline4 DOHC 4v Turbo Diesel				10/2003 - On	L4	75.0mm x 88.3mm	
<i>Engine Codes HDDA, HDDB, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF, GPDA, GPDC, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, MTDA, TZJA, TZJB, UBJA.</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7775A</b> STD, .30	<b>CONROD</b>	46.975/1.8494 46.991/1.8500	50.655/1.9943 50.674/1.9950	1.818/.0716	17.00/.669	F810	7775A IH
<b>4B7775P</b> STD, .30	<b>CONROD</b>	46.975/1.8494 46.991/1.8500	50.655/1.9943 50.674/1.9950	1.818/.0716	17.00/.669	F780	7775 IH
<b>5M7772A</b> STD, .30, .50	<b>MAINS</b> 1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	20.40/.803	F780	7772 U
	1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	19.90/.784	F780	7773 L
<b>1T7772</b> STD	<b>THRUST</b>	55.200/2.1732 55.480/2.1842	71.350/2.8090 71.700/2.8228		2.46/.097	F817	7772T IH
<b>RB4202</b>	<b>PISTON PIN BUSH</b>		29.000/1.1417 29.021/1.1426		19.98/.787	F100	RB4202

34 Engine				Year	Cyl	Bore x Stroke	34
1398cc Duratorq DLD-414 Inline4 SOHC 2v Turbo Diesel				11/2001 - On	L4	73.7mm x 82.0mm	
<i>Engine Codes F6JA, F6JB</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7770D</b> STD, .30	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
		44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F781	7770D U
<b>4B7770P</b> STD, .30	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F780	7770 U
		44.975/1.7707 44.991/1.7713	48.665/1.9159 48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
<b>5M7772A</b> STD, .30, .50	<b>MAINS</b> 1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	20.40/.803	F780	7772 U
	1,2,3,4,5	49.962/1.9670 49.981/1.9678	53.655/2.1124 53.674/2.1131	1.833/.0722	19.90/.784	F780	7773 L



34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T7772</b> STD	<b>THRUST</b>	55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T
		55.480/2.1842	71.700/2.8228				IH
<b>4RB4166</b>	<b>PISTON PIN BUSH</b>	24.995/.9841	28.000/1.1024		19.98/.787	F100	4RB4166
		25.000/.9843	28.021/1.1032				
<b>RB4166</b> UNB	<b>PISTON PIN BUSH</b>	24.995/.9841	28.000/1.1024		19.98/.787	F100	RB4166
		25.000/.9843	28.021/1.1032				

35 Engine				Year	Cyl	Bore x Stroke	35
379ci (6.2L) Boss V8 SOHC 2v				01/2010 - On	V8	102.0mm x 95.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B7255A</b> STD, .25	<b>CONROD</b>			1.925/.0758	21.90/.862	F810	7255A IH
		<i>Set includes thrustwasher.</i>					
<b>5M7257A</b> STD, .25	<b>MAINS</b>					F817	7257T
		1,2,3,4,5		2.430/.0957	24.80/.976	F810	7257A U
		1,2,3,4,5		2.430/.0957	24.00/.945	F810	7258A L

36 Engine				Year	Cyl	Bore x Stroke	36
213ci (3.5L) Duratec 35 V6 DOHC 4v				01/2006 - On	V6	92.5mm x 86.7mm	
213ci (3.5L) Ecoboost V6 DOHC 4v Twin Turbo				01/2010 - 12/2015	V6	92.5mm x 86.7mm	
227ci (3.7L) Duratec 37 V6 DOHC 4v				01/2008 - On	V6	95.5mm x 86.7mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B4380A</b> STD, .25	<b>CONROD</b>			1.920/.0756	18.30/.721	F810	4380A IH
		<i>Set includes thrustwashers.</i>					
<b>4M4382A</b> STD, .25	<b>MAINS</b>	1,2,3,4		2.450/.0965	22.50/.886	F810	4383A L
		1,2,3,4		2.450/.0965	22.90/.902	F810	4382A U
<b>4M4382A+2T</b> STD, .25	<b>MAINS</b>				2.87/.113	F817	4382T
		1,2,3,4		2.450/.0965	22.90/.902	F810	4382A U
		1,2,3,4		2.450/.0965	22.50/.886	F810	4383A L
<b>2T4382</b> STD	<b>THRUST</b>				2.87/.113	F817	4382T

37 Engine				Year	Cyl	Bore x Stroke	37
239ci (3.9L) V8 OHV 2v				01/1954 - 12/1955	V8	88.9mm x 78.7mm	
256ci (4.2L) V8 OHV 2v				01/1954 - 01/1955	V8	3.63in x 3.10in	
272ci (4.5L) V8 OHV 2v				01/1955 - 12/1959	V8	3.63in x 3.30in	
292ci (4.8L) V8 OHV 2v				01/1955 - 01/1964	V8	3.75in x 3.30in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B7260A</b> STD, 010, 020, 030, 040, 050	<b>CONROD</b>	55.575/2.1880	58.725/2.3120	1.562/.0615	18.95/.746	F810	7260A UL
		55.596/2.1888	58.745/2.3128				





**37 Continued ... 37**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<b>5M7264A</b> STD, 010, 020, 030, 040	1,2,4,5	63.449/2.4980 63.470/2.4988	68.356/2.6912 68.377/2.6920	2.438/.0960	23.16/.912	F810	7264A IH
	3	63.449/2.4980 63.470/2.4988	68.356/2.6912 68.377/2.6920	2.438/.0960	28.45/1.120	F810	7265A(F) IH

**38 Engine Year Cyl Bore x Stroke 38**  
415ci (6.8L) Triton V10 SOHC 3v 01/2005 - 12/2009 V10 90.2mm x 105.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>10B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
	<b>MAINS</b> <i>Set includes 3 piece thrustwasher set.</i>						
<b>6M7296A</b> STD, .25, .50, .75, 1.00	1	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	19.26/.758	F810	7293A U
	1,2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	18.35/.722	F810	7296A L
	2,3,4,5,6	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.421/2.8512	2.443/.0962	20.06/.790	F810	7296WA U
	6	76.750/3.0216 77.000/3.0315	96.750/3.8090 97.000/3.8189		2.92/.115	F817	7296T UL

**39 Engine Year Cyl Bore x Stroke 39**  
332ci (5.4L) V8 OHV 2v 01/1958 - 12/1959 V8 101.6mm x 83.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B760A</b> STD, 010, 020, 030, 040		61.925/2.4380 61.946/2.4388	65.804/2.5907 65.824/2.5915	1.923/.0757	18.67/.735	F810	2110A IH
	<b>CAMS</b>						
<b>5C7815</b> STD	1	53.945/2.1238 53.970/2.1248	58.661/2.3095 58.687/2.3105	2.334/.0919	16.00/.630	F23	2235
	2	53.945/2.1238 53.970/2.1248	58.280/2.2945 58.306/2.2955	2.144/.0844	16.00/.630	F23	2236
	3	53.945/2.1238 53.970/2.1248	57.899/2.2795 57.925/2.2805	1.953/.0769	16.00/.630	F23	2237
	4	53.945/2.1238 53.970/2.1248	57.518/2.2645 57.544/2.2655	1.763/.0694	16.00/.630	F23	2238
	5	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.163/2.2505	1.572/.0619	14.00/.551	F23	2239

**40 Engine Year Cyl Bore x Stroke 40**

330ci (5.4L) V8 OHV 2v				01/1975 - 12/1977	V8	3.88in x 3.50in	
352ci (5.8L) V8 OHV 2v				01/1958 - 12/1967	V8	4.00in x 3.50in	
359ci (5.9L) V8 OHV 2v				01/1974 - 12/1975	V8	4.05in x 3.50in	
360ci (5.9L) V8 OHV 2v				01/1976 - 12/1976	V8	4.05in x 3.50in	
361ci (5.9L) V8 OHV 2v				01/1964 - 12/1978	V8	4.05in x 3.50in	
389ci (6.4L) V8 OHV 2v				01/1975 - 12/1978	V8	102.9mm x 96.0mm	
390ci (6.4L) V8 OHV 2v				01/1964 - 12/1976	V8	4.05in x 3.78in	
391ci (6.4L) V8 OHV 2v				01/1964 - 12/1978	V8	4.05in x 3.79in	
410ci (6.7L) V8 OHV 2v				01/1966 - 12/1967	V8	4.05in x 3.98in	
427ci (7.0L) V8 OHV 2v				01/1964 - 12/1969	V8	4.23in x 3.78in	
428ci (7.0L) V8 OHV 2v				01/1966 - 12/1970	V8	4.13in x 3.98in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B760A</b> STD, 010, 020, 030, 040		61.925/2.4380 61.946/2.4388	65.804/2.5907 65.824/2.5915	1.923/.0757	18.67/.735	F810	2110A IH



40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B760A</b> STD, 010, 020, 030, 040		61.925/2.4380 61.946/2.4388	65.804/2.5907 65.824/2.5915	1.923/.0757	18.67/.735	F810	2110A IH
		<i>Full groove, flange OD is 3.930".</i>					
<b>5M863A</b> STD, 010, 020, 030, 040	1,2,4,5	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.433/.0958	23.17/.912	F810	2115A IH
	3	69.809/2.7484 69.830/2.7492	74.706/2.9412 74.727/2.9420	2.441/.0961	28.40/1.118	F810	2118A(F) IH
<b>5C781S</b> STD	<b>CAMS</b>						
	1	53.945/2.1238 53.970/2.1248	58.661/2.3095 58.687/2.3105	2.334/.0919	16.00/.630	F23	2235
	2	53.945/2.1238 53.970/2.1248	58.280/2.2945 58.306/2.2955	2.144/.0844	16.00/.630	F23	2236
	3	53.945/2.1238 53.970/2.1248	57.899/2.2795 57.925/2.2805	1.953/.0769	16.00/.630	F23	2237
	4	53.945/2.1238 53.970/2.1248	57.518/2.2645 57.544/2.2655	1.763/.0694	16.00/.630	F23	2238
	5	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.163/2.2505	1.572/.0619	14.00/.551	F23	2239

41 Engine				Year	Cyl	Bore x Stroke	41
281ci (4.6L) (Romeo) V8 SOHC 2v VIN Code V				01/2006 - 12/2010	V8	90.2mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
<b>RACE SERIES</b> <b>8B1442H</b> STD, .025, .25	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
<b>RACE SERIES</b> <b>8B1442HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.912/.0753	20.95/.825	F781	5636HX IH
<b>8B1442P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
<b>MAINS</b>							
<i>Main set contains thrust washer used in #5 upper position. For cast iron blocks, Romeo engine.</i>							
<b>5M2007A</b> STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	18.25/.719	F810	5638A L
	1,2,3,4,5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	19.12/.753	F810	5638WA U
	5	67.483/2.6568 67.503/2.6576	72.403/2.8505 72.420/2.8512	2.443/.0962	22.61/.890	F810	5639A(F) L
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
<b>CAMS</b>							
<b>6C1100A</b> STD, .25	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	1,2,3,4,5,6	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5194A L





42 Engine		Year		Cyl	Bore x Stroke	42	
281ci (4.6L) InTech V8 DOHC 4v VIN Codes H,V		01/1993 - 12/2005		V8	90.2mm x 90.0mm		
281ci (4.6L) V8 DOHC 4v		01/1996 - 12/2004		V8	90.2mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F810	5636A IH
<b>RACE SERIES</b>							
<b>8B1442H</b> STD, .025, .25		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.925/.0758	20.95/.825	F781	5636H IH
<b>RACE SERIES</b>							
<b>8B1442HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.912/.0753	20.95/.825	F781	5636HX IH
<b>CONROD</b>							
<b>8B1442P</b> STD, .25, .50, .75, 1.00		52.984/2.0860 53.002/2.0867	56.865/2.2388 56.886/2.2396	1.928/.0759	20.95/.825	F780	5636 IH
<b>MAINS</b>							
<b>5M5647A</b> STD, .25, .50, .75, 1.00		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F810	5647A L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F810	5647WA U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F810	5648A(F) L
<b>RACE SERIES</b>							
<b>5M5647H</b> STD, .025, .25		76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
<b>RACE SERIES</b>							
<b>5M5647HX</b> STD		<i>Main set contains thrust washer used in #5 upper position. For Aluminium blocks, Romeo engine.</i>					
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
<b>RACE SERIES</b>							
<b>5M5647HX</b> STD		<i>Main set contains thrust washer used in #5 upper position. .001" extra clearance on STD journal. For aluminium blocks, Romeo engine.</i>					
	1,2,3,4	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	18.35/.722	F780	5647H L
	1,2,3,4,5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	19.25/.758	F780	5647WH U
	5	67.480/2.6567 67.506/2.6577	72.400/2.8504 72.423/2.8513	2.443/.0962	22.61/.890	F780	5648H(F) L
	5	76.000/2.9921 76.250/3.0020	97.500/3.8386 97.750/3.8484		2.36/.093	F817	5639T U
<b>CAMS</b>							
<b>6C1200A</b> STD, .25	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5195A U
	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5192A U
	2,3,4,5,8,9,10,	26.962/1.0615 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5193A U
	2,3,4,5,8,9,10,	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5191A L
<b>CAMS</b>							
<b>6C1201A</b> STD, .25	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5192A U
	1,6,7,12	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	14.70/.579	F810	5190A L
	2,3,4,5,8,9,10,	26.962/1.0615 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5193A U



42 Continued ...							42
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6C1201A</b> STD, .25	2,3,4,5,8,9,10,	26.937/1.0605 26.962/1.0615	29.119/1.1464 29.144/1.1474	1.083/.0426	11.80/.465	F810	5191A L
<b>PISTON PIN BUSH</b>							
<b>8RB4113</b> UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
<b>PISTON PIN BUSH</b>							
<b>RB4113</b> UNB			24.000/.9449 24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113

43 Engine				Year	Cyl	Bore x Stroke	43		
200ci (3.3L) (4 main) Inline6 OHV 2v				01/1963 - 12/1964	L6	93.5mm x 79.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b> <i>Was 6B583A</i>									
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH		
<b>RACE SERIES</b>									
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH		
<b>RACE SERIES</b>									
<b>6B2150HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
<b>CONROD</b>									
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH		
<b>MAINS</b> <i>Was 4M771A.</i>									
<b>4M2126A</b> STD, 010, 020, 030	1,2,4	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/.0759	25.90/1.020	F810	2126A IH		
	3	57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) IH		
<b>CAMS</b> <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>									
<b>4C5826</b> STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826		
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827		
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828		
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746		

44 Engine				Year	Cyl	Bore x Stroke	44
121ci (2.0L) Lima Inline4 SOHC 2v <i>VIN Code C</i>				01/1983 - 12/1988	L4	89.3mm x 79.4mm	
140ci (2.3L) Lima Inline4 SOHC 2v Turbo				01/1979 - 12/1988	L4	96.0mm x 79.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B984A</b> STD, 010, 020, 030		51.981/2.0465 51.999/2.0472	55.169/2.1720 55.189/2.1728	1.585/.0624	20.32/.800	F810	2186A IH
<b>MAINS</b> <i>For single spark plug engines.</i>							
<b>5M1117A</b> STD, 010, 020, 030, 040	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F810	2185A UL
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F810	2187A(F) UL
<b>RACE SERIES</b>							
<b>5M1117H</b> STD, 001, 010, 020	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2185H U
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	24.13/.950	F780	2194H L





44 Continued ...							44
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1117H</b> STD, 001, 010, 020	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.425/.0955	30.35/1.195	F780	2187H(F) UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>For single spark plug engines.</i>					
<b>5M1117HX</b> STD	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2185HX U
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	24.13/.950	F780	2194HX L
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.412/.0950	30.35/1.195	F780	2187HX(F) UL
<b>5M1117P</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>For single spark plug engines.</i>					
	1,2,4,5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.428/.0956	24.13/.950	F780	2185 UL
	3	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL
<b>4C777BS</b> STD	<b>CAMS</b>	<i>360 OD Groove. Special oil control bearing - differs from OEM design.</i>					
	1,2,3,4	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5253
<b>4C777S</b> STD	<b>CAMS</b>	44.990/1.7713 45.010/1.7720	48.275/1.9006 48.300/1.9016	1.620/.0638	17.73/.698	F23	5254
<b>2C1095S</b> STD	<b>AUX</b>	41.960/1.6520 41.986/1.6530	45.644/1.7970 45.670/1.7980	1.810/.0713	12.83/.505	F820	7341
	2	41.960/1.6520 41.986/1.6530	45.136/1.7770 45.160/1.7779	1.550/.0610	12.83/.505	F820	7342

45 Engine				Year	Cyl	Bore x Stroke	45
98ci (1.6L) Xflow (USA Fiesta) Inline4 OHV 2v				01/1977 - 12/1980	L4	3.19in x 3.06in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B603A</b> STD, 001, 010, 020	<b>CONROD</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810	5216A IH
<b>RACE SERIES</b>	<b>CONROD</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B603HX</b> STD		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.817/.0715	22.35/.880	F781	5216HX UL
<b>4B603P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH
<b>5M1455A</b> STD, 010, 020	<b>MAINS</b>					F810	1455A UL
	1,5					F810	1465A UL
	2,3,4					F810	1465A UL
<b>1T2152</b> STD, 005	<b>THRUST</b>	<i>Same as 1T1135</i>					
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U
<b>3C3300</b> STD	<b>CAMS</b>	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300
	2	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301
	3	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302



46 Engine		Year	Cyl	Bore x Stroke	46		
67ci (1.1L) Xflow (Kent) Inline4 OHV 2v		01/1973 - 12/1982	L4	81.0mm x 53.3mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B603A</b> STD, 001, 010, 020		49.200/1.9370	52.896/2.0825	1.835/.0722	22.35/.880	F810	5216A
		49.212/1.9375	52.908/2.0830				IH
<b>RACE SERIES</b>							
<b>4B603H</b> STD, 001, 010, 020		49.200/1.9370	52.896/2.0825	1.830/.0720	22.35/.880	F781	5216H
		49.212/1.9375	52.908/2.0830				UL
<b>RACE SERIES</b>							
<b>4B603HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		49.200/1.9370	52.896/2.0825	1.817/.0715	22.35/.880
		49.212/1.9375	52.908/2.0830			F781	5216HX UL
<b>CONROD</b>							
<b>4B603P</b> STD, 010, 020, 030, 040, 050,		49.200/1.9370	52.896/2.0825	1.835/.0722	22.35/.880	F780	5216
		49.212/1.9375	52.908/2.0830				IH
<b>MAINS</b>							
<b>5M2152A</b> STD, 010, 020, 030, 040	1,2,3,4,5	<i>Same as 5M742A</i>		53.988/2.1255	57.683/2.2710	1.836/.0723	25.52/1.005
		54.000/2.1260	57.696/2.2715			F810	2152A IH
<b>RACE SERIES</b>							
<b>5M2152H</b> STD, 001, 010, 020	1,2,3,4,5	53.988/2.1255	57.683/2.2710	1.831/.0721	25.52/1.005	F780	2152H
		54.000/2.1260	57.696/2.2715				IH
<b>RACE SERIES</b>							
<b>5M2152HX</b> STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		53.988/2.1255	57.683/2.2710	1.818/.0716	25.52/1.005
		54.000/2.1260	57.696/2.2715			F780	2152HX IH
<b>MAINS</b>							
<b>5M2152P</b> STD, 010, 020, 030, 040	1,2,3,4,5	53.988/2.1255	57.683/2.2710	1.836/.0723	25.52/1.005	F780	2152
		54.000/2.1260	57.696/2.2715				IH
<b>THRUST</b>							
<b>1T2152</b> STD, 005		<i>Same as 1T113S</i>		59.436/2.3400	74.498/2.9330	2.36/.093	F250
		59.690/2.3500	74.752/2.9430				2152T U
<b>CAMS</b>							
<b>3C3300</b> STD	1	39.616/1.5597	42.887/1.6885	1.613/.0635	20.32/.800	F23	3300
		39.637/1.5605	42.913/1.6895				
		39.616/1.5597	42.887/1.6885	1.613/.0635	17.53/.690	F23	3301
		39.637/1.5605	42.913/1.6895				
		39.616/1.5597	42.887/1.6885	1.613/.0635	18.67/.735	F23	3302
39.637/1.5605	42.913/1.6895						
<b>AUX</b>							
<b>1C1094S</b> STD		41.953/1.6517	45.072/1.7745	1.571/.0619	12.95/.510	F23	7340
		41.978/1.6527	45.099/1.7755				
<b>PISTON PIN BUSH</b>							
<b>RB902</b> STD		20.625/.8120	22.327/.8790	.980/.0386	26.67/1.050	F100	RB902
		20.632/.8123	22.352/.8800				

47 Engine		Year	Cyl	Bore x Stroke	47		
1997cc Duratorq (PSA) Inline4 DOHC 4v Turbo Diesel		10/2003 - On	L4	85.0mm x 88.0mm			
<i>Based on Peugeot DW10. Engine Codes AZBC, AZWA, AZWC, G6DA/B/C/D/E/F/G, IXDA, KLBA, KLWA, QXBA/B, QXWA/B/C, TYWA, UFBA, UFDA, UFWA, UKDA, UKWA.</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7747D</b> STD, .30		<i>Lower in Aluglide material.</i>		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787
		50.000/1.9685	53.708/2.1145			F810	7747A L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F781	7747D U
		50.000/1.9685	53.708/2.1145				
<b>CONROD</b>							
<b>4B7747P</b> STD, .30		<i>Lower in Aluglide material.</i>		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787
		50.000/1.9685	53.708/2.1145			F780	7747 U
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A L
		50.000/1.9685	53.708/2.1145				





**47 Continued ... 47**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1677A</b> STD, .30, .50, .80	<b>MAINS</b> 1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A UL
		60.000/2.3622	63.750/2.5098				
<b>2T7703</b> STD, .10, .15	<b>THRUST</b>	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T UL
		67.300/2.6496	83.300/3.2795				
<b>2T7748</b> STD	<b>THRUST</b>	67.050/2.6398	83.050/3.2697		1.85/.073	F250	7748T UL
		67.300/2.6496	83.300/3.2795				

**48 Engine Year Cyl Bore x Stroke 48**

2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel. 03/2004 - On L4 89.9mm x 94.6mm  
 Engine Codes FXFA, H9FA, H9FB, H9FD, JXFA, JXFC, PHFA, PHFC

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2276A</b> STD, .25, .50	<b>MAINS</b>	64.940/2.5567		2.250/.0886	23.30/.917	F810	2278A L
		64.940/2.5567		2.250/.0886	30.15/1.187	F810	2279A(F) U
		64.940/2.5567		2.250/.0886	24.15/.951	F810	2277A U
		69.940/2.7535		2.250/.0886	19.58/.771	F810	2276A UL

**49 Engine Year Cyl Bore x Stroke 49**

1294cc JCC TL13 Inline4 SOHC 2v 01/1970 - 12/1982 L4 79.0mm x 66.0mm  
 1593cc TL16G (GT) Inline4 SOHC 2v 01/1970 - 12/1982 L4 87.6mm x 66.0mm  
 Engine Codes LEA, LEC, LEE  
 1593cc TL16H (High Comp.) Inline4 SOHC 2v 01/1970 - 12/1985 L4 87.6mm x 66.0mm  
 Engine Codes LCA, LCE, LCJ, LCK, LCN, LCR, LCS, LCT  
 1593cc TL16L (Low Comp.) Inline4 SOHC 2v 01/1970 - 12/1986 L4 87.6mm x 66.0mm  
 Engine Codes LAA, LAC, LAD, LAN, LAR, LAT  
 1598cc TL16E Inline4 SOHC 2v 08/1982 - 02/1993 L4 81.3mm x 77.0mm  
 Engine Codes LSD, LSE

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2166A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A IH
		52.000/2.0472	55.020/2.1661				
<b>RACE SERIES</b> <b>4B2166H</b> STD, .25, .50	<b>CONROD</b>	51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H IH
		52.000/2.0472	55.020/2.1661				
<b>RACE SERIES</b> <b>4B2166HX</b> STD	<b>CONROD</b>	0.001" extra oil clearance on STD journal.		1.483/.0584	20.12/.792	F781	2166HX IH
		51.990/2.0468	55.000/2.1654				
<b>5M2167A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b> 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A IH
		57.000/2.2441	60.640/2.3874				
<b>RACE SERIES</b> <b>5M2167H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H UL
		57.000/2.2441	60.640/2.3874				
<b>RACE SERIES</b> <b>5M2167HX</b> STD	<b>MAINS</b> 1,2,3,4,5	0.001" extra oil clearance on STD journal.		1.790/.0705	23.75/.935	F780	2167HX UL
		56.990/2.2437	60.620/2.3866				
<b>5M2167P</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b> 1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167 IH
		57.000/2.2441	60.640/2.3874				



49 Continued ...							49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<i>Was 2T218S.</i>							
<b>2T2167</b> STD, .005		63.600/2.5039	80.240/3.1590		2.35/.093	F250	2167T
		63.850/2.5138	80.490/3.1689				UL
<b>CAMS</b>							
<b>3C5816</b> STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
	2	44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
		44.630/1.7571	47.721/1.8788				
	3	44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
		45.011/1.7721	48.102/1.8938				
<b>AUX</b>							
<b>1B55687</b> STD			45.080/1.7748	1.540/.0606	13.00/.512	F23	5687
			45.110/1.7760				

50 Engine	Year	Cyl	Bore x Stroke	50
1993cc TL20CFI Inline4 SOHC 2v <i>Engine Codes N6T, N6TS</i>	01/1985 - 12/1992	L4	90.8mm x 76.9mm	
1993cc TL20EFI Inline4 SOHC 2v <i>Engine Codes N4A, N4B, NR2, NRA, NRB, NRC, NRD, NRI</i>	01/1985 - 12/1994	L4	90.8mm x 76.9mm	
1993cc TL20H (High Comp.) Inline4 SOHC 2v <i>Engine Codes NE, NE1, NE2, NE3, NE4, NE5, NEC, NEE, NEG, NEJ, NEK, NEL, NEN, NEP, NER, NES, NET</i>	01/1971 - 12/1989	L4	90.8mm x 76.9mm	
1993cc TL20L (Low Comp.) Inline4 SOHC 2v <i>Engine Codes 4RC, NAE, NAT, NAW, NAV, NAX, NUT</i>	01/1971 - 12/1994	L4	90.8mm x 76.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2166A</b> STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166H</b> STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		51.990/2.0468	55.000/2.1654	1.483/.0584	20.12/.792	F781	2166HX
		52.000/2.0472	55.020/2.1661				IH
<b>CONROD</b>							
<b>4B4370P</b> STD, .25, .50, .75		51.980/2.0465	55.000/2.1654	1.470/.0579	20.00/.787	F780	4370
		52.000/2.0472	55.020/2.1661				IH
<b>MAINS</b>							
<b>5M2167A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
<b>RACE SERIES</b>							
<b>5M2167H</b> STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
<b>RACE SERIES</b>							
<b>5M2167HX</b> STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		56.990/2.2437	60.620/2.3866	1.790/.0705	23.75/.935	F780	2167HX
		57.000/2.2441	60.640/2.3874				UL
<b>MAINS</b>							
<b>5M2167P</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
<b>MAINS</b>							
<b>5M4375A</b> STD, .25, .50	1,2,3,4,5	<i>For engines from 01/1986 on.</i>					
		56.970/2.2429	60.620/2.3866	1.810/.0713	23.60/.929	F810	4375A
		56.990/2.2437	60.640/2.3874				UL
<b>THRUST</b>							
<i>Was 2T218S.</i>							
<b>2T2167</b> STD, .005		63.600/2.5039	80.240/3.1590		2.35/.093	F250	2167T
		63.850/2.5138	80.490/3.1689				UL
<b>CAMS</b>							
<b>3C5816</b> STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				





50 Continued ...							50
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3C5816</b> STD	2	44.615/1.7565 44.630/1.7571	47.691/1.8776 47.721/1.8788	1.511/.0595	17.27/.680	F23	5817
	3	44.955/1.7699 45.011/1.7721	48.072/1.8926 48.102/1.8938	1.511/.0595	16.25/.640	F23	5818
<b>1B55687</b> STD	AUX		45.080/1.7748 45.110/1.7760	1.540/.0606	13.00/.512	F23	5687

51 Engine	Year	Cyl	Bore x Stroke	51
1098cc Kent X Flow Inline4 OHV 2v <i>Engine Codes G1, G2, KL11</i>	01/1968 - 08/1980	L4	81.0mm x 53.3mm	
1297cc Kent Inline4 OHV 2v	01/1962 - 12/1970	L4	81.0mm x 63.0mm	
1298cc Kent X Flow Inline4 OHV 2v <i>Engine Codes J1E, J1F, J2, J2F, J2N, J3, J3C, J3D, J3E, J3N, KL13H/HC/L, OHV KL13G/H/L</i>	10/1966 - 08/1985	L4	81.0mm x 63.0mm	
1499cc Kent Inline4 OHV 2v <i>Engine Codes 116E, 118E, 118E GT, 120E, 120GT, 122E</i>	01/1963 - 12/1971	L4	81.0mm x 72.6mm	
1598cc Kent X Flow Inline4 OHV 2v	01/1968 - 08/1983	L4	81.0mm x 77.6mm	
940cc KL09H (711M) Inline4 OHV 2v	01/1968 - 12/1974	L4	81.0mm x 45.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B603A</b> STD, 001, 010, 020	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810	5216A IH
<b>RACE SERIES</b> <b>4B603H</b> STD, 001, 010, 020	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL
<b>RACE SERIES</b> <b>4B603HX</b> STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.817/.0715	22.35/.880	F781	5216HX UL
<b>4B603P</b> STD, 010, 020, 030, 040, 050,	CONROD	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH
<b>5M2152A</b> STD, 010, 020, 030, 040	MAINS	<i>Same as 5M742A</i>		1.836/.0723	25.52/1.005	F810	2152A IH
<b>RACE SERIES</b> <b>5M2152H</b> STD, 001, 010, 020	MAINS	1,2,3,4,5 53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH
<b>RACE SERIES</b> <b>5M2152HX</b> STD	MAINS	1,2,3,4,5 53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/.0716	25.52/1.005	F780	2152HX IH
<b>5M2152P</b> STD, 010, 020, 030, 040	MAINS	1,2,3,4,5 53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH
<b>1T2152</b> STD, 005	THRUST	<i>Same as 1T1135</i>			2.36/.093	F250	2152T U
<b>3C3300</b> STD	CAMS	1 39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300
		2 39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301
		3 39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302
<b>RB902</b> STD	PISTON PIN BUSH	20.625/.8120 20.632/.8123	22.327/.8790 22.352/.8800	.980/.0386	26.67/1.050	F100	RB902



52	Engine	Year	Cyl	Bore x Stroke	52
	2304cc (Peugeot) Inline4 OHV Diesel <i>Engine Codes LXD 2, YTR, YTT</i>	08/1982 - 02/1993	L4	94.0mm x 83.0mm	
	2498cc (Peugeot) Inline4 OHV Diesel <i>Engine Codes STP, STR, XD3P</i>	01/1982 - 02/1992	L4	94.0mm x 90.0mm	
	2498cc (Peugeot) Inline4 OHV Turbo Diesel <i>Engine Codes SFA, SFB, XD3T</i>	06/1988 - 12/1994	L4	94.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7750A</b> STD, .30, .50, .80, 1.00		54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A
		55.021/2.1662	58.750/2.3130				IH
<b>MAINS</b>							
<b>5M7752A</b> STD, .30, .50, .80	1,3,5	54.994/2.1651	58.731/2.3122	1.835/.0722	30.00/1.181	F810	7752A
		55.009/2.1657	58.750/2.3130				UL
	2,4	63.737/2.5093		1.837/.0723	24.00/.945	F810	7753A
		60.021/2.3630					UL
<b>THRUST</b>							
<b>2T7752</b> STD		67.000/2.6378	84.750/3.3366		2.33/.092	F250	7752T
		67.250/2.6476	85.000/3.3465				UL
<b>PISTON PIN BUSH</b>							
<b>4RB4203</b>		32.009/1.2602	35.000/1.3780		29.70/1.169	F100	4RB4203
		32.025/1.2608	35.025/1.3789				
<b>PISTON PIN BUSH</b>							
<b>4RB4208</b> UNB		30.007/1.1814	33.000/1.2992		29.70/1.169	F100	4RB4208
		30.020/1.1819	33.025/1.3002				
<b>PISTON PIN BUSH</b>							
<b>RB4203</b>		32.009/1.2602	35.000/1.3780		29.70/1.169	F100	RB4203
		32.025/1.2608	35.025/1.3789				
<b>PISTON PIN BUSH</b>							
<b>RB4208</b> UNB		30.007/1.1814	33.000/1.2992		29.70/1.169	F100	RB4208
		30.020/1.1819	33.025/1.3002				

53	Engine	Year	Cyl	Bore x Stroke	53
	1798cc Duratec (Mazda L) Inline4 DOHC 4v <i>Engine Codes CGBA, CGBB, CHBA, CHBB</i>	10/2000 - On	L4	83.0mm x 83.1mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<b>5M7193A</b> STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				U
	3	57.980/2.2827	62.287/2.4522	2.131/.0839	24.68/.972	F810	7195A(F)
		58.000/2.2835	62.300/2.4528				U



54	Engine	Year	Cyl	Bore x Stroke	54
	1242cc Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes DHA, DHB, DHC, DHD, DHE, DHF, DHG</i>	08/1995 - 01/2002	L4	71.9mm x 76.5mm	
	1388cc AS Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes ASDA, ASDB</i>	11/2004 - On	L4	76.0mm x 76.5mm	
	1388cc FH Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes FHA, FHD, FHE, FHF</i>	04/1996 - 01/2002	L4	76.0mm x 76.5mm	
	1388cc FX Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes FXDA, FXDB, FXDC, FXDD, FXJA, FXJB</i>	10/1998 - On	L4	76.0mm x 76.5mm	
	1388cc SP Series Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes SPJA, SPJC</i>	10/2008 - On	L4	76.0mm x 76.5mm	
	1679cc MHA Duratec Inline4 DOHC 4v	03/1997 - 06/2002	L4	83.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B7268A</b> STD, .25		39.980/1.5740 40.000/1.5748	43.025/1.6939 43.045/1.6947	1.506/.0593	15.00/.591	F810	7268A IH	
<b>MAINS</b> <i>Standard flange length 23.75mm on all undersizes. See 5M7253A for overwidth flange version.</i>								
<b>5M7250A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7251A L	
	1,2,4,5	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7250A U	
	3	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	23.88/.940	F810	7252A(F) U	
	<b>MAINS</b> <i>Alternative set to 5M7250A with oversize flange length 23.92mm on all undersizes.</i>							
	<b>5M7253A</b> .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7251A L
		1,2,4,5	47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	16.10/.634	F810	7250A U
3		47.981/1.8890 48.001/1.8898	54.021/2.1268 54.039/2.1275	3.012/.1186	23.92/.942	F810	7253A(F) U	

55	Engine	Year	Cyl	Bore x Stroke	55
	1296cc CVH Inline4 OHV 2v <i>Engine Codes JPA, JPC</i>	09/1980 - 03/1989	L4	80.0mm x 64.5mm	
	1392cc CVH Inline4 OHV 2v <i>Engine Codes F4A, F4B, F6A, F6B, F6C, F6D, F6E, F6F, F6G, FUA, FUAA, FUB, FUBA, FUC, FUD, FUF, FUG, FUH, FUJ</i>	01/1986 - 12/1996	L4	77.2mm x 74.3mm	
	1598cc CVH Inline4 OHV 2v <i>Engine Codes L4B, L6B, LHA, LJA, LJB, LJC, LJD, LJE, LJF, LP1, LP2, LP3, LPA,, LR1, LR2, LRA, LRB, LUA, LUAE, LUB, LUC, LUD, LUG, LUJ, LUK</i>	09/1980 - 12/1993	L4	80.0mm x 79.5mm	
	1598cc CVH Inline4 OHV 2v Turbo <i>Engine Codes LNA, LNB</i>	11/1984 - 07/1990	L4	80.0mm x 79.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1846A</b> STD, .25, .50, .75		47.890/1.8854 47.910/1.8862	50.890/2.0035 50.910/2.0043	1.487/.0585	19.35/.762	F810	1846A IH
<b>MAINS</b> <i>Full groove set. Suitable for engines up to 12/87.</i>							
<b>5M2154A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2154A IH
	<b>MAINS</b> <i>Half groove set. Suitable for engines from 1988.</i>						
<b>5M2155A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2155A UL
	<b>MAINS</b> <i>Half groove set. Suitable for engines from 1988.</i>						
<b>5M2155P</b> STD, .25, .50, .75	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F780	2155 UL



55 Continued ...								55
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>THRUST</b>								
<b>1T2154</b> STD		64.600/2.5433 64.850/2.5531	80.850/3.1831 81.100/3.1929		2.37/.093	F250	2154T IH	
56 Engine								56
1597cc LUH Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				03/1989 - 07/1996	L4	76.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1846A</b> STD, .25, .50, .75		47.890/1.8854 47.910/1.8862	50.890/2.0035 50.910/2.0043	1.487/.0585	19.35/.762	F810	1846A IH	
<b>MAINS</b> <i>Half groove set. Suitable for engines from 1988.</i>								
<b>5M2155A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2155A UL	
<b>MAINS</b> <i>Half groove set. Suitable for engines from 1988.</i>								
<b>5M2155P</b> STD, .25, .50, .75	1,2,3,4,5	57.990/2.2831 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F780	2155 UL	
<b>THRUST</b>								
<b>1T2154</b> STD		64.600/2.5433 64.850/2.5531	80.850/3.1831 81.100/3.1929		2.37/.093	F250	2154T IH	
57 Engine								57
1117cc GMA,GPA (Valencia) Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
1117cc GSE (Valencia) Inline4 OHV 2v				09/1980 - 08/1983 08/1983 - 12/1985	L4	74.0mm x 65.0mm 74.0mm x 65.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1650A</b> STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH	
<b>MAINS</b> <i>Full groove set. Suitable for engines up to 12/87.</i>								
<b>5M2154A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.138/.0842	22.53/.887	F810	2154A IH	
<b>THRUST</b>								
<b>1T2154</b> STD		64.600/2.5433 64.850/2.5531	80.850/3.1831 81.100/3.1929		2.37/.093	F250	2154T IH	
58 Engine								58
1117cc GSF (Valencia) Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				09/1983 - 02/1989	L4	74.0mm x 65.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1650A</b> STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH	
<b>THRUST</b>								
<b>1T1649</b> STD		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748		2.85/.112	F250	1649T IH	
<b>CAMS</b>								
<b>3C3310</b> STD	1	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	20.32/.800	F820	3310	
	2,3	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	17.27/.680	F820	3311	
59 Engine								59
1117cc GLA/B/C (Valencia) Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				08/1980 - 03/1989	L4	74.0mm x 65.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1650A</b> STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH	



**59 Continued ... 59**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>1T1649</b> STD		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748		2.85/.112	F250	1649T IH

**60 Engine 60**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1117cc GSG (Valencia) Inline4 OHV 2v</b>							
				<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	
				10/1985 - 09/1990	L4	74.0mm x 65.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1650A</b> STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH
<b>MAINS</b>							
<b>3M1649A</b> STD, .25, .50, .75, 1.00	1,2,3	56.980/2.2433 57.000/2.2441	60.623/2.3867 60.636/2.3872	1.808/.0712	21.60/.850	F810	1649A IH
<b>THRUST</b>							
<b>1T1649</b> STD		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748		2.85/.112	F250	1649T IH

**61 Engine 61**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>957cc (Valencia) Inline4 OHV 2v</b>							
				<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	
				05/1976 - 02/1989	L4	74.0mm x 55.7mm	
<i>Engine Codes TKA, TKB, TKW, TLA</i>							

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1650A</b> STD, .25, .50, .75, 1.00		42.990/1.6925 43.010/1.6933	46.680/1.8378 46.705/1.8388	1.834/.0722	17.25/.679	F810	1650A IH
<b>MAINS</b>							
<b>3M1649A</b> STD, .25, .50, .75, 1.00	1,2,3	56.980/2.2433 57.000/2.2441	60.623/2.3867 60.636/2.3872	1.808/.0712	21.60/.850	F810	1649A IH
<b>THRUST</b>							
<b>1T1649</b> STD		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748		2.85/.112	F250	1649T IH
<b>CAMS</b>							
<b>3C3310</b> STD	1	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	20.32/.800	F820	3310
	2,3	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	17.27/.680	F820	3311

**62 Engine 62**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1608cc LT Inline4 SOHC 2v Diesel</b>							
				<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	
				02/1984 - 07/1990	L4	80.0mm x 80.0mm	
<i>Engine Codes LTA, LTB, LTC</i>							

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B4376A</b> STD, .25		48.970/1.9279 48.990/1.9287	52.000/2.0472 52.020/2.0480	1.490/.0587	20.50/.807	F810	4376A IH
<b>MAINS</b>							
<b>5M4378A</b> STD, .25	1	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.840/.0724	18.25/.719	F810	4378A IH
	2,3,4,5	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.840/.0724	24.00/.945	F810	4379A UL
<b>THRUST</b>							
<b>1T2152</b> STD, .005		<i>Same as 1T1135</i>			2.36/.093	F250	2152T U
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430				



63	Engine	Year	Cyl	Bore x Stroke	63
	1753cc HCPA/PB Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	06/2002 - On	L4	82.5mm x 82.0mm	
	1753cc KKDA/DB Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	11/2004 - On	L4	82.5mm x 82.0mm	
	1753cc P7PA/B Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	06/2002 - On	L4	82.5mm x 82.0mm	
	1753cc R2PA Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D</i>	06/2002 - On	L4	82.5mm x 82.0mm	
	1753cc RW Duratorq Inline4 SOHC 2v Turbo Diesel <i>Endura-D, Engine Codes RWPA, RWPC, RWPD, RWPE, RWPF</i>	06/2002 - On	L4	82.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b>								
<b>5M1678A</b> STD, .25, .50, .75, 1.00	1	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.836/.0723	22.17/.873	F810	1665A IH	
	2,3,4,5	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.836/.0723	22.17/.873	F810	1678A L	
	2,3,4,5	53.970/2.1248 53.990/2.1256	57.683/2.2710 57.696/2.2715	1.836/.0723	23.00/.906	F810	1678WA U	
	<b>THRUST</b> <i>Same as 1T1135</i>							
	<b>1T2152</b> STD, 005		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U

64	Engine	Year	Cyl	Bore x Stroke	64
	2358cc 4AA (York) Inline4 Diesel	11/1977 - 10/1986	L4	93.7mm x 85.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2162A</b> STD, .25, .50, .75		59.979/2.3614 60.000/2.3622	63.505/2.5002 63.520/2.5008	1.738/.0684	26.13/1.029	F810	2162A IH
	<b>CONROD</b>						
<b>4B2162P</b> STD, .25, .50, .75, 1.00		59.979/2.3614 60.000/2.3622	63.505/2.5002 63.520/2.5008	1.738/.0684	26.13/1.029	F780	2162 IH
	<b>MAINS</b>						
<b>5M4386A</b> STD, .25, .50	1,2,4	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.010/2.9138	1.972/.0776	23.10/.909	F810	4386A IH
	3	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.010/2.9138	1.972/.0776	27.00/1.063	F810	4387A IH
	5	76.990/3.0311 77.000/3.0315	81.000/3.1890 81.010/3.1894	1.972/.0776	22.00/.866	F810	4388A IH
	<b>THRUST</b>						
<b>2T4386</b> STD		78.750/3.1004 79.000/3.1102	94.000/3.7008 94.250/3.7106		2.36/.093	F250	4386T IH
	<b>PISTON PIN BUSH</b>						
<b>4RB4211</b>		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	4RB4211
	<b>PISTON PIN BUSH</b>						
<b>RB4211</b>		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	RB4211

65	Engine	Year	Cyl	Bore x Stroke	65
	2496cc (York) Inline4 2v Diesel <i>Engine Codes 4AB, 4BA, 4BC, 4CA, 4CC, 4FA, 4FB, 4FC, 4FD, 4HB, 4HC</i>	10/1983 - 12/2000	L4	93.7mm x 90.5mm	
	2496cc 4DA (York) Inline4 2v Turbo Diesel	05/1991 - 08/1994	L4	93.7mm x 90.5mm	
	2496cc 4ED (York) Inline4 2v Turbo Diesel	08/1997 - 03/2000	L4	93.7mm x 90.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2162A</b> STD, .25, .50, .75		59.979/2.3614 60.000/2.3622	63.505/2.5002 63.520/2.5008	1.738/.0684	26.13/1.029	F810	2162A IH





65 Continued ...							65	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2162P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	59.979/2.3614	63.505/2.5002	1.738/.0684	26.13/1.029	F780	2162 IH	
		60.000/2.3622	63.520/2.5008					
<b>5M5507A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	2163A U
			70.000/2.7559	74.020/2.9142				
	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	5507A L	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	2164A U	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	5508A L	
	70.000/2.7559	74.020/2.9142						
5	76.990/3.0311	81.000/3.1890	1.983/.0781	22.10/.870	F810	2165A IH		
	77.000/3.0315	81.020/3.1898						
<b>2T5509</b> STD	<b>THRUST</b>	78.750/3.1004	94.000/3.7008		2.86/.113	F817	5509T UL	
		79.000/3.1102	94.250/3.7106					
<b>4RB4211</b>	<b>PISTON PIN BUSH</b>	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	4RB4211	
		28.997/1.1416	32.025/1.2608					
<b>RB4211</b>	<b>PISTON PIN BUSH</b>	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	RB4211	
		28.997/1.1416	32.025/1.2608					

66 Engine				Year	Cyl	Bore x Stroke	66	
2496cc (York) Inline4 2v Turbo Diesel				05/1991 - 12/2000	L4	93.7mm x 90.5mm		
<i>Engine Codes 4EA, 4EB, 4EC, 4GA, 4GB, 4GC, 4GD, 4GE, 4GF</i>								
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2162P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	59.979/2.3614	63.505/2.5002	1.738/.0684	26.13/1.029	F780	2162 IH	
		60.000/2.3622	63.520/2.5008					
<b>5M5507A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	2163A U
			70.000/2.7559	74.020/2.9142				
	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	5507A L	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	2164A U	
		70.000/2.7559	74.020/2.9142					
	3	69.990/2.7555	74.000/2.9134	1.983/.0781	27.10/1.067	F810	5508A L	
	70.000/2.7559	74.020/2.9142						
5	76.990/3.0311	81.000/3.1890	1.983/.0781	22.10/.870	F810	2165A IH		
	77.000/3.0315	81.020/3.1898						
<b>2T5509</b> STD	<b>THRUST</b>	78.750/3.1004	94.000/3.7008		2.86/.113	F817	5509T UL	
		79.000/3.1102	94.250/3.7106					
<b>4RB4211</b>	<b>PISTON PIN BUSH</b>	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	4RB4211	
		28.997/1.1416	32.025/1.2608					
<b>RB4211</b>	<b>PISTON PIN BUSH</b>	28.992/1.1414	32.000/1.2598		32.00/1.260	F100	RB4211	
		28.997/1.1416	32.025/1.2608					

67 Engine				Year	Cyl	Bore x Stroke	67	
2496cc 4HA/HD (York) Inline4 2v Diesel				08/1994 - 12/2000	L4	93.7mm x 90.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M5507A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4	69.990/2.7555	74.000/2.9134	1.983/.0781	23.10/.909	F810	5507A L
			70.000/2.7559	74.020/2.9142				



67 Continued ...							67
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M5507A</b> STD, .25, .50, .75, 1.00	1,2,4	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.020/2.9142	1.983/.0781	23.10/.909	F810	2163A U
	3	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.020/2.9142	1.983/.0781	27.10/1.067	F810	2164A U
	3	69.990/2.7555 70.000/2.7559	74.000/2.9134 74.020/2.9142	1.983/.0781	27.10/1.067	F810	5508A L
	5	76.990/3.0311 77.000/3.0315	81.000/3.1890 81.020/3.1898	1.983/.0781	22.10/.870	F810	2165A IH
	<b>THRUST</b>						
<b>2T5509</b> STD		78.750/3.1004 79.000/3.1102	94.000/3.7008 94.250/3.7106		2.86/.113	F817	5509T UL
	<b>PISTON PIN BUSH</b>						
<b>4RB4211</b>		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	4RB4211
	<b>PISTON PIN BUSH</b>						
<b>RB4211</b>		28.992/1.1414 28.997/1.1416	32.000/1.2598 32.025/1.2608		32.00/1.260	F100	RB4211

68 Engine				Year	Cyl	Bore x Stroke	68	
363ci (6.0L) VT365 Power Stroke V8 OHV 4v T/Diesel				01/2003 - 12/2010	V8	95.0mm x 105.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>One pair only, order number of pairs required.</i>								
<b>1B7270P</b> STD, .25		68.999/2.7165 69.012/2.7170	72.987/2.8735 73.010/2.8744	1.981/.0780	21.11/.831	F780	7270 IH	
	<b>CONROD</b>							
<b>8B7270P</b> STD, .25		68.999/2.7165 69.012/2.7170	72.987/2.8735 73.010/2.8744	1.981/.0780	21.11/.831	F780	7270 IH	
	<b>MAINS</b>							
<b>5M7274P</b> STD, .25	1,2,3,4,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 L	
	1,2,3,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 U	
	4	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	28.45/1.120	F780	7273(F) U	
	<b>MAINS</b> <i>1.0mm OD version of 5M7274P.</i>							
	<b>5M7274PO/S1.0</b> STD	1,2,3,4,5	80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780	9029 L
1,2,3,5		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780	9029 U	
4		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	28.45/1.120	F780	9028(F) U	
<b>CAMS</b>								
<b>5C7276</b> STD	1,2,3,4,5	61.986/2.4404 62.014/2.4415	65.979/2.5976 66.020/2.5992	1.965/.0774	18.50/.728	F250	7276	

69 Engine				Year	Cyl	Bore x Stroke	69
387ci (6.4L) VT365 Power Stroke V8 OHV 4v T/Diesel				01/2008 - 12/2010	V8	98.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>One pair only, order number of pairs required.</i>							
<b>1B7271P</b> STD, .25		71.986/2.8341 72.014/2.8352	75.987/2.9916 76.012/2.9926	1.981/.0780	21.10/.831	F780	7271 IH
	<b>CONROD</b>						
<b>8B7271P</b> STD, .25		71.986/2.8341 72.014/2.8352	75.987/2.9916 76.012/2.9926	1.981/.0780	21.10/.831	F780	7271 IH
	<b>MAINS</b>						
<b>5M7274P</b> STD, .25	1,2,3,4,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 L



69 Continued ...							69
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7274P</b> STD, .25	1,2,3,5	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	21.50/.847	F780	7274 U
	4	80.990/3.1886 81.011/3.1894	85.989/3.3854 86.009/3.3862	2.479/.0976	28.45/1.120	F780	7273(F) U
	<b>MAINS</b> <i>1.0mm OD version of 5M7274P.</i>						
	<b>5M7274PO/S1.0</b> STD	1,2,3,4,5	80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780
1,2,3,5		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	21.50/.847	F780	9029 U
4		80.990/3.1886 81.011/3.1894	86.989/3.4248 87.009/3.4255	2.979/.1173	28.45/1.120	F780	9028(F) U
<b>CAMS</b>							
<b>5C7276</b> STD	1,2,3,4,5	61.986/2.4404 62.014/2.4415	65.979/2.5976 66.020/2.5992	1.965/.0774	18.50/.728	F250	7276

70 Engine				Year	Cyl	Bore x Stroke	70	
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v Turbo				10/2002 - On	L6	92.3mm x 99.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Was 6B583A</i>								
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH	
	<b>RACE SERIES</b>							
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH	
	<b>RACE SERIES</b>							
<b>6B2150HX</b> STD		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH	
	<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH	
	<b>RACE SERIES</b>							
<b>7M2092H</b> STD, 001, 010, 020	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H L	
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H U	
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	27.28/1.074	F780	2093H(F) U	
	<b>RACE SERIES</b>							
	<b>7M2092HX</b> STD	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HX L
		1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HXU U
5		67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	27.28/1.074	F780	2093HX(F) U	
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>								
<b>7M2092P</b> STD, 001, 010, 020, 030, 040	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 L	
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 U	
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	27.28/1.074	F780	2093(F) U	
	<b>PISTON PIN BUSH</b>							
	<b>RB4124</b> UNB			23.980/.9441 24.000/.9449	1.120/.0441	25.24/.994	F100	RB4124



71 Engine		Year	Cyl	Bore x Stroke	71		
1294cc JCT TL13 Inline4 SOHC 2v		08/1982 - 12/1986	L4	79.0mm x 66.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2166A</b> STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166H</b> STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166HX</b> STD		0.001" extra oil clearance on STD journal.		51.990/2.0468	55.000/2.1654	1.483/.0584	20.12/.792
		52.000/2.0472	55.020/2.1661			F781	2166HX
<b>MAINS</b>							
<b>5M2167A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
<b>RACE SERIES</b>							
<b>5M2167H</b> STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
<b>RACE SERIES</b>							
<b>5M2167HX</b> STD	1,2,3,4,5	0.001" extra oil clearance on STD journal.		56.990/2.2437	60.620/2.3866	1.790/.0705	23.75/.935
		57.000/2.2441	60.640/2.3874			F780	2167HX
<b>MAINS</b>							
<b>5M2167P</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
<b>MAINS</b>							
<b>5M4375A</b> STD, .25, .50	1,2,3,4,5	For engines from 01/1986 on.		56.970/2.2429	60.620/2.3866	1.810/.0713	23.60/.929
		56.990/2.2437	60.640/2.3874			F810	4375A
<b>THRUST</b>							
<b>2T2167</b> STD, .005		Was 2T218S.		63.600/2.5039	80.240/3.1590	2.35/.093	F250
		63.850/2.5138	80.490/3.1689				2167T
<b>CAMS</b>							
<b>3C5816</b> STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
		44.630/1.7571	47.721/1.8788				
	2	44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
		45.011/1.7721	48.102/1.8938				
	3						
<b>AUX</b>							
<b>1B55687</b> STD			45.080/1.7748	1.540/.0606	13.00/.512	F23	5687
			45.110/1.7760				

72 Engine		Year	Cyl	Bore x Stroke	72		
1297cc Endura-E Inline4 OHV 2v		07/1990 - 10/2002	L4	74.0mm x 75.5mm			
<i>Engine Codes J4B, J4C, J4D, J4J, J4K, J4L, J4M, J4N, J4P, J4Q, J4R, J4S, J4T, J6A, J6B, JBC, JBD, JBE, JJA, JJB, JJC, JJD, JJE, JJF, JJG, JJH, JJJ</i>							
1297cc HCS Inline4 OHV 2v		12/1985 - 10/1990	L4	74.0mm x 75.5mm			
<i>Engine Codes JBA, JBB, JLA, JLB</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1810A</b> STD, .25, .50, .75, 1.00		40.990/1.6138	43.990/1.7319	1.485/.0585	18.00/.709	F810	1810A
		41.010/1.6146	44.010/1.7327				IH
<b>MAINS</b>							
<b>5M1815A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.990/2.2437	60.623/2.3867	1.805/.0711	18.50/.728	F810	1815A
		57.000/2.2441	60.636/2.3872				UL
<b>THRUST</b>							
<b>1T1649</b> STD		63.600/2.5039	77.850/3.0650		2.85/.112	F250	1649T
		63.850/2.5138	78.100/3.0748				IH





**72 Continued ... 72**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3C3310</b> STD	<b>CAMS</b>						
	1	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	20.32/.800	F820	3310
	2,3	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	17.27/.680	F820	3311

**73 Engine Year Cyl Bore x Stroke 73**  
98ci (1.6L) Xflow (Kent/Pinto) Inline4 OHV 2v 01/1971 - 12/1973 L4 3.19in x 3.06in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B603H</b> STD, 001, 010, 020	<b>CONROD</b>						
		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL
<b>RACE SERIES</b> <b>4B603HX</b> STD	<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>						
		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.817/.0715	22.35/.880	F781	5216HX UL
<b>4B603P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>						
		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH
<b>5M2152A</b> STD, 010, 020, 030, 040	<b>MAINS</b> <i>Same as 5M742A</i>						
	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F810	2152A IH
<b>RACE SERIES</b> <b>5M2152H</b> STD, 001, 010, 020	<b>MAINS</b>						
	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH
<b>RACE SERIES</b> <b>5M2152HX</b> STD	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/.0716	25.52/1.005	F780	2152HX IH
<b>5M2152P</b> STD, 010, 020, 030, 040	<b>MAINS</b>						
	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH
<b>1T2152</b> STD, 005	<b>THRUST</b> <i>Same as 1T1135</i>						
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U
<b>3C3300</b> STD	<b>CAMS</b>						
	1	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300
	2	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301
	3	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302
<b>1C1094S</b> STD	<b>AUX</b>						
		41.953/1.6517 41.978/1.6527	45.072/1.7745 45.099/1.7755	1.571/.0619	12.95/.510	F23	7340
<b>RB902</b> STD	<b>PISTON PIN BUSH</b>						
		20.625/.8120 20.632/.8123	22.327/.8790 22.352/.8800	.980/.0386	26.67/1.050	F100	RB902

**74 Engine Year Cyl Bore x Stroke 74**  
98ci (1.6L) CVH Inline4 SOHC 2v 01/1980 - 12/1985 L4 3.16in x 3.13in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1276A</b> STD, 010, 020, 030	<b>CONROD</b>						
		47.889/1.8854 47.909/1.8862	50.889/2.0035 50.909/2.0043	1.487/.0585	19.35/.762	F810	5226A IH
<b>5M1557A</b> STD, 010, 020, 030	<b>MAINS</b>						
	1,2,3,4,5	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/.0842	22.45/.884	F810	5227A L



74 Continued ...							74
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1557A</b> STD, 010, 020, 030	1,2,4,5	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/.0842	22.45/.884	F810	5227A U
	3	57.981/2.2827 58.001/2.2835	62.286/2.4522 62.300/2.4528	2.138/.0842	28.73/1.131	F810	5228A(F) U

75 Engine	Year	Cyl	Bore x Stroke	75
1119cc HCS Inline4 OHV 2v <i>Engine Codes G6A, GUB, GUC, GUD, GUE</i>	03/1989 - 07/1996	L4	68.7mm x 75.5mm	
999cc TLB (HCS) Inline4 OHV 2v	09/1983 - 12/1995	L4	68.7mm x 67.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1810A</b> STD, .25, .50, .75, 1.00		40.990/1.6138 41.010/1.6146	43.990/1.7319 44.010/1.7327	1.485/.0585	18.00/.709	F810	1810A IH
	<b>MAINS</b>						
<b>3M1815A</b> STD, .25, .50, .75, 1.00	1,2,3	56.990/2.2437 57.000/2.2441	60.623/2.3867 60.636/2.3872	1.805/.0711	18.50/.728	F810	1815A UL
	<b>THRUST</b>						
<b>1T1649</b> STD		63.600/2.5039 63.850/2.5138	77.850/3.0650 78.100/3.0748		2.85/.112	F250	1649T IH
	<b>CAMS</b>						
<b>3C3310</b> STD	1	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	20.32/.800	F820	3310
	2,3	39.615/1.5596 39.635/1.5604	42.888/1.6885 42.913/1.6895	1.600/.0630	17.27/.680	F820	3311

76 Engine	Year	Cyl	Bore x Stroke	76
245ci (4.0L) V6 SOHC 2v <i>VIN Code E,K,N</i>	11/1996 - 12/2010	V6	100.4mm x 84.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B723A</b> STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	<b>MAINS</b>						
<b>4M2006A</b> STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A U
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1663A L
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
<b>AUX</b>							
<b>2C6002S</b> STD	Front			1.549/.0610	29.00/1.142	F23	7343
	Rear			1.549/.0610	22.98/.905	F23	7344

77 Engine	Year	Cyl	Bore x Stroke	77
245ci (4.0L) V6 OHV 2v <i>VIN Code X</i>	01/1990 - 12/2000	V6	100.4mm x 84.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B723A</b> STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	<b>MAINS</b>						
<b>4M2006A</b> STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A U



77 Continued ...							77
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2006A</b> STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1663A L
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
<b>CAMS</b>		<i>Alternate set to 4C1441S with 21.1mm wide #4 cam</i>					
<b>4C1441AS</b> STD	1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/.0618	19.80/.780	F23	5274
	2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/.0614	17.90/.705	F23	5275
	3	48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/.0614	17.90/.705	F23	5276
	4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/.0614	21.12/.832	F23	5278
<b>CAMS</b>							
<b>4C1441S</b> STD	1	49.555/1.9510 49.581/1.9520	52.756/2.0770 52.807/2.0790	1.570/.0618	19.80/.780	F23	5274
	2	49.200/1.9370 49.225/1.9380	52.375/2.0620 52.426/2.0640	1.560/.0614	17.90/.705	F23	5275
	3	48.819/1.9220 48.844/1.9230	51.994/2.0470 52.045/2.0490	1.560/.0614	17.90/.705	F23	5276
	4	48.438/1.9070 48.463/1.9080	51.615/2.0321 51.666/2.0341	1.560/.0614	15.10/.595	F23	5277

78 Engine				Year	Cyl	Bore x Stroke	78
1598cc ZMD Inline4 DOHC 4v				06/1998 - 10/2002	L4	78.0mm x 83.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8351A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351H</b> STD, .025, .25, .50	<b>CONROD</b>	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.940/1.7693	48.000/1.8898	1.502/.0591	17.00/.669	F781	8351HX IH
<b>5M8353A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Set is half groove.</i>					
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	<b>MAINS</b>	49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
<b>RACE SERIES</b> <b>5M8353HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				
		49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
<b>1T8353</b> STD	<b>THRUST</b>	57.350/2.2579	68.830/2.7098				



79 Engine		Year	Cyl	Bore x Stroke	79		
1796cc TL18H Inline4 SOHC 2v		10/1984 - 02/1992	L4	86.2mm x 77.0mm			
Engine Codes R2A, REB, REC, RED, REF							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2166A</b> STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166H</b> STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166HX</b> STD		0.001" extra oil clearance on STD journal.		1.483/.0584	20.12/.792	F781	2166HX
		51.990/2.0468	55.000/2.1654				IH
52.000/2.0472		55.020/2.1661					IH
<b>CONROD</b>							
<b>4B4370P</b> STD, .25, .50, .75		51.980/2.0465	55.000/2.1654	1.470/.0579	20.00/.787	F780	4370
		52.000/2.0472	55.020/2.1661				IH
<b>MAINS</b>							
<b>5M2167A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
<b>RACE SERIES</b>							
<b>5M2167H</b> STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
<b>RACE SERIES</b>							
<b>5M2167HX</b> STD	1,2,3,4,5	0.001" extra oil clearance on STD journal.		1.790/.0705	23.75/.935	F780	2167HX
		56.990/2.2437	60.620/2.3866				UL
57.000/2.2441		60.640/2.3874					UL
<b>MAINS</b>							
<b>5M2167P</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
<b>THRUST</b>							
<b>2T2167</b> STD, 005		Was 2T218S.			2.35/.093	F250	2167T
		63.600/2.5039	80.240/3.1590				UL
63.850/2.5138		80.490/3.1689					UL
<b>CAMS</b>							
<b>3C5816</b> STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776	1.511/.0595	17.27/.680	F23	5817
		44.630/1.7571	47.721/1.8788				
	2	44.955/1.7699	48.072/1.8926	1.511/.0595	16.25/.640	F23	5818
		45.011/1.7721	48.102/1.8938				
	3						
<b>AUX</b>							
<b>1B55687</b> STD			45.080/1.7748	1.540/.0606	13.00/.512	F23	5687
			45.110/1.7760				

80 Engine		Year	Cyl	Bore x Stroke	80		
188ci (3.1L) Inline6 OHV 2v		01/1965 - 12/1970	L6	3.68in x 2.94in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		Was 6B583A		1.458/.0574	20.57/.810	F810	2150A
		53.934/2.1234	56.871/2.2390				IH
53.945/2.1238		56.891/2.2398					IH
<b>RACE SERIES</b>							
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b>							
<b>6B2150HX</b> STD		0.001" extra oil clearance on STD journal.		1.442/.0568	20.57/.810	F781	2150HX
		53.934/2.1234	56.891/2.2398				IH
53.945/2.1238		56.891/2.2398					IH
<b>CONROD</b>							
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH



**80 Continued ... 80**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Full groove set. Was 7M771A.</i>					
<b>7M2126A</b> STD, 010, 020, 030, 040	1,2,3,4,6,7	57.109/2.2484	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A IH
		57.119/2.2488	61.006/2.4018				
	5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) IH
		57.124/2.2490	61.011/2.4020				
<b>CAMS</b>							
<b>4C5768</b> STD	1,4	45.961/1.8095	49.479/1.9480	1.735/.0683	18.54/.730	F23	5768
		45.987/1.8105	49.505/1.9490				
	2,3	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				

**81 Engine Year Cyl Bore x Stroke 81**

254ci 2712E Inline4 OHV 2v	01/1965 - On	L4	4.22in x 4.52in
3933cc 2701E/2706E Inline4 OHV 2v Diesel	01/1965 - 12/1981	L4	4.13in x 4.52in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1861A</b> STD, 010, 020, 030, 040, 050,		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A IH
		66.675/2.6250	70.891/2.7910				
<b>MAINS</b>							
<b>5M1864A</b> STD, 010, 020, 030, 040, 050,	1,2,4	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A UL
		76.225/3.0010	80.442/3.1670				
	3,5	76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A UL
		76.225/3.0010	80.442/3.1670				
<b>THRUST</b>							
<b>2T2102</b> STD, 0025, 005, 0075		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T UL
		84.450/3.3248	99.000/3.8976				
<b>CAMS</b>							
<b>4DC1866</b> STD	1	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
	2,3,4	55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
		55.499/2.1850	58.775/2.3140				
<b>PISTON PIN BUSH</b>							
<b>RB4043</b> UNB		36.502/1.4371	39.700/1.5630	1.750/.0689	37.59/1.480	F100	RB4043
		36.510/1.4374	39.751/1.5650				

**82 Engine Year Cyl Bore x Stroke 82**

360ci 2704E/2709E Inline6 OHV 2v Diesel	01/1965 - 12/1981	L6	4.13in x 4.52in
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>		<i>Contains plain identical halves.</i>					
<b>6B1861</b> STD, 010, 020, 030, 040, 050,		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A IH
		66.675/2.6250	70.891/2.7910				
<b>MAINS</b>							
<b>7M1864</b> STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A UL
		76.225/3.0010	80.442/3.1670				
	4,7	76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A UL
		76.225/3.0010	80.442/3.1670				
<b>THRUST</b>							
<b>2T2102</b> STD, 0025, 005, 0075		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T UL
		84.450/3.3248	99.000/3.8976				
<b>CAMS</b>							
<b>6DC1866</b> STD	1	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
	2 TO 6	55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
		55.499/2.1850	58.775/2.3140				
<b>PISTON PIN BUSH</b>							
<b>RB4043</b> UNB		36.502/1.4371	39.700/1.5630	1.750/.0689	37.59/1.480	F100	RB4043
		36.510/1.4374	39.751/1.5650				



83 Engine		Year	Cyl	Bore x Stroke	83		
256ci Inline4 OHV 2v Turbo Diesel		10/1971 - On	L4	4.40in x 4.20in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1120P</b> STD, .010, .020, .030, .040, .060		69.840/2.7496	74.706/2.9412	2.400/.0945	35.81/1.410	F780	1120
		69.860/2.7504	74.727/2.9420				IH
<b>MAINS</b> <i>Undersizes 040-060" have overwidth flanges (Std+010").</i>							
<b>5M1122A</b> STD, .010, .020, .030, .040, .050,	1,2,4,5	85.634/3.3714	92.055/3.6242	3.176/.1250	28.19/1.110	F810	1122A
		85.654/3.3722	92.075/3.6250				UL
	3	85.634/3.3714	92.055/3.6242	3.176/.1250	36.96/1.455	F810	1123A(F)
		85.654/3.3722	92.075/3.6250				UL
<b>CAMS</b>							
<b>5C5806</b> STD	1 TO 5	60.693/2.3895	64.364/2.5340	1.816/.0715	19.55/.770	F23	5806
		60.719/2.3905	64.890/2.5547				
<b>84 Engine</b>		Year	Cyl	Bore x Stroke	<b>84</b>		
281ci (4.6L) (Romeo) V8 SOHC 2v VIN Code W,X		01/1991 - 12/2010	V8	90.2mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B1442A</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F810	5636A
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442H</b> STD, .025, .25		52.984/2.0860	56.865/2.2388	1.925/.0758	20.95/.825	F781	5636H
		53.002/2.0867	56.886/2.2396				IH
<b>RACE SERIES</b>							
<b>8B1442HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		52.984/2.0860	56.865/2.2388	1.912/.0753	20.95/.825	F781	5636HX
		53.002/2.0867	56.886/2.2396				IH
<b>CONROD</b>							
<b>8B1442P</b> STD, .25, .50, .75, 1.00		52.984/2.0860	56.865/2.2388	1.928/.0759	20.95/.825	F780	5636
		53.002/2.0867	56.886/2.2396				IH
<b>MAINS</b> <i>For Engines with Cast Iron Block. Main set contains thrust washer used in #5 upper position. For cast iron blocks, Romeo engine.</i>							
<b>5M2007A</b> STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568	72.403/2.8505	2.443/.0962	18.25/.719	F810	5638A
		67.503/2.6576	72.420/2.8512				L
	1,2,3,4,5	67.483/2.6568	72.403/2.8505	2.443/.0962	19.12/.753	F810	5638WA
		67.503/2.6576	72.420/2.8512				U
	5	67.483/2.6568	72.403/2.8505	2.443/.0962	22.61/.890	F810	5639A(F)
		67.503/2.6576	72.420/2.8512				L
	5	76.000/2.9921	97.500/3.8386		2.36/.093	F817	5639T
		76.250/3.0020	97.750/3.8484				U
<b>MAINS</b> <i>For years 1991-1992. Upper flange bearing has no notch.</i>							
<b>5M7141A</b> STD, .25, .50, .75, 1.00	1,2,3,4	67.483/2.6568	72.403/2.8505	2.443/.0962	18.25/.719	F810	5638A
		67.503/2.6576	72.420/2.8512				L
	1,2,3,4	67.483/2.6568	72.403/2.8505	2.443/.0962	19.12/.753	F810	5638WA
		67.503/2.6576	72.420/2.8512				U
	5	67.483/2.6568	72.403/2.8505	2.443/.0962	22.61/.890	F810	5639A(F)
		67.503/2.6576	72.420/2.8512				UL
<b>CAMS</b>							
<b>6C1100A</b> STD, .25	1,2,3,4,5,6	26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5194A
		26.962/1.0615	29.144/1.1474				L
	1,2,3,4,5,6	26.937/1.0605	29.119/1.1464	1.083/.0426	14.70/.579	F810	5195A
		26.962/1.0615	29.144/1.1474				U
<b>PISTON PIN BUSH</b>							
<b>8RB4113</b> UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	8RB4113
			24.000/.9449				
<b>PISTON PIN BUSH</b>							
<b>RB4113</b> UNB			24.000/.9449	1.300/.0512	23.75/.935	F100	RB4113
			24.000/.9449				





85	Engine	Year	Cyl	Bore x Stroke	85
	3.2L (193ci) (Australia) Inline6 SOHC 2v	03/1988 - 08/1992	L6	91.9mm x 79.3mm	
	3.9L (240ci) (Australia) Inline6 SOHC 2v	01/1988 - 12/1992	L6	91.9mm x 99.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Was 6B583A</i>							
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b>							
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b>							
<b>6B2150HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
<b>CONROD</b>							
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b>							
<b>7M2158H</b> STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL
<b>RACE SERIES</b>							
<b>7M2158HX</b> STD	1,2,3,4,6,7	<i>0.001" extra oil clearance on STD journal.</i>					
		60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F)
	5	60.935/2.3990	65.811/2.5910				UL
<b>MAINS</b>							
<b>7M2158P</b> STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F)
		60.935/2.3990	65.811/2.5910				UL
<b>AUX</b>							
<b>1SBS19547</b> STD	1	51.910/2.0437	55.105/2.1695	1.564/.0616	25.65/1.010	F23	19547
		51.940/2.0449	55.118/2.1700				

86	Engine	Year	Cyl	Bore x Stroke	86
	3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v	06/1980 - 10/1986	L6	3.68in x 3.13in	
	3.3L (200ci) X Flow Alloy Head (Aust) Inline6 OHV 2v ULP	02/1986 - 03/1988	L6	3.68in x 3.13in	
	4.1L (250ci) X Flow Alloy Head EFI (Aust) Inline6 OHV 2v	01/1983 - 10/1986	L6	3.68in x 3.91in	
	4.1L (250ci) X Flow Alloy Head EFI ULP (Aust) Inline6 OHV 2v	01/1986 - 03/1988	L6	3.68in x 3.91in	
	4.1L (250ci) X Flow Alloy Head ULP (Aust) Inline6 OHV 2v	02/1986 - 03/1993	L6	3.68in x 3.91in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Was 6B583A</i>							
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b>							
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b>							
<b>6B2150HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
<b>CONROD</b>							
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b>							
<b>7M2158H</b> STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
		60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL



86 Continued ...							86
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
<b>7M2158HX</b> STD	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F) UL
		60.935/2.3990	65.811/2.5910				
<b>7M2158P</b> STD, 001, 010, 020, 030, 040		<b>MAINS</b>					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158 UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F) UL
		60.935/2.3990	65.811/2.5910				
<b>4C5826</b> STD		<b>CAMS</b> <i>Was 4C703S, #4 position cam (5746) - bleeder groove to face inwards</i>					
	1	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				
	2	45.961/1.8095	49.480/1.9480	1.735/.0683	18.54/.730	F23	5827
		45.987/1.8105	49.505/1.9490				
	3	45.961/1.8095	49.860/1.9630	1.925/.0758	18.54/.730	F23	5828
		45.987/1.8105	49.886/1.9640				
	4	45.961/1.8095	50.241/1.9780	2.116/.0833	18.54/.730	F23	5746
		45.987/1.8105	50.267/1.9790				

87 Engine				Year	Cyl	Bore x Stroke	87
3.3L X Flow Cast Iron Head (Aust) Inline6 OHV 2v				01/1976 - 06/1980	L6	3.68in x 3.13in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		<b>CONROD</b> <i>Was 6B583A</i>					
		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH
		53.945/2.1238	56.891/2.2398				
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H IH
		53.945/2.1238	56.891/2.2398				
<b>RACE SERIES</b>		<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>					
<b>6B2150HX</b> STD		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
		53.945/2.1238	56.891/2.2398				
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		<b>CONROD</b>					
		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150 IH
		53.945/2.1238	56.891/2.2398				
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>7M2158H</b> STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F) UL
		60.935/2.3990	65.811/2.5910				
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
<b>7M2158HX</b> STD	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F) UL
		60.935/2.3990	65.811/2.5910				
<b>7M2158P</b> STD, 001, 010, 020, 030, 040		<b>MAINS</b>					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158 UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F) UL
		60.935/2.3990	65.811/2.5910				
<b>7M2188P</b> STD, 010, 020, 030		<b>MAINS</b> <i>US250 or UPK stamped on block at rear of coil.</i>					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	24.64/.970	F780	2188 UL
		60.935/2.3990	65.811/2.5910				
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F) UL
		60.935/2.3990	65.811/2.5910				
<b>4C5768</b> STD		<b>CAMS</b>					
	1,4	45.961/1.8095	49.479/1.9480	1.735/.0683	18.54/.730	F23	5768
		45.987/1.8105	49.505/1.9490				



**87 Continued ... 87**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C5768</b> STD	2,3	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				

**88 Engine Year Cyl Bore x Stroke 88**

1998cc V6 OHV 2v	01/1968 - 12/1981	V6	84.0mm x 60.1mm
2551cc V6 OHV 2v	01/1969 - 01/1979	V6	90.0mm x 66.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B723A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.980/2.1252	56.820/2.2370	1.407/.0554	16.48/.649	F810	1656A IH
		54.000/2.1260	56.840/2.2378				
<b>4M1657P</b> STD, 010, 020, 030	<b>MAINS</b> 1,2,3,4	<i>Use with engine equipped with thrust washers.</i>					
		56.980/2.2433	60.620/2.3866	1.806/.0711	21.59/.850	F810	1657A IH
<b>4M860A</b> STD, 010, 020, 030	<b>MAINS</b> 1,2,4	<i>4M860A has integral thrust flanges. Was 5M1658.</i>					
		56.980/2.2433	60.620/2.3866	1.806/.0711	21.59/.850	F810	1657A IH
<b>2T1657</b> STD	<b>THRUST</b>	57.000/2.2441	60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
		56.980/2.2433	60.620/2.3866	1.806/.0711	26.29/1.035	F810	1658A(F) IH
<b>2T1657</b> STD	<b>THRUST</b>	57.000/2.2441	60.640/2.3874	2.35/.093	F250	2167T UL 1657T L	
		63.600/2.5039	80.240/3.1590				
		63.850/2.5138	80.490/3.1689				
		63.600/2.5039	80.240/3.1590				
<b>2T1657</b> STD	<b>THRUST</b>	63.850/2.5138	80.490/3.1689	2.35/.093	F250	1657T L	

**89 Engine Year Cyl Bore x Stroke 89**

233ci Inline4 OHV 2v	01/1965 - On	L4	4.20in x 4.20in
233ci Inline4 OHV 2v Diesel	01/1965 - On	L4	4.20in x 4.20in
256ci Inline4 OHV 2v Diesel	01/1965 - 12/1999	L4	4.40in x 4.20in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1121A</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>	69.840/2.7496	74.706/2.9412	2.400/.0945	35.81/1.410	F810	1121A IH
		69.860/2.7504	74.727/2.9420				
<b>5M1122A</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b> 1,2,4,5	<i>Undersizes 040-060" have overwidth flanges (Std+010").</i>					
		85.634/3.3714	92.055/3.6242	3.176/.1250	28.19/1.110	F810	1122A UL
		85.654/3.3722	92.075/3.6250	3.176/.1250	36.96/1.455	F810	1123A(F) UL
<b>5C5806</b> STD	<b>CAMS</b> 1 TO 5	85.634/3.3714	92.055/3.6242	3.176/.1250	36.96/1.455	F810	1123A(F) UL
		85.654/3.3722	92.075/3.6250	3.176/.1250	36.96/1.455	F810	1123A(F) UL
<b>5C5806</b> STD	<b>CAMS</b> 1 TO 5	60.693/2.3895	64.364/2.5340	1.816/.0715	19.55/.770	F23	5806
		60.719/2.3905	64.890/2.5547	1.816/.0715	19.55/.770	F23	5806
<b>RB4015</b> UNB	<b>PISTON PIN BUSH</b> <i>Non-Turbo only.</i>	38.092/1.4997	41.275/1.6250	1.780/.0701	41.15/1.620	F100	RB4015
		38.100/1.5000	41.300/1.6260	1.780/.0701	41.15/1.620	F100	RB4015

**90 Engine Year Cyl Bore x Stroke 90**

221ci Inline6 OHV 2v	01/1968 - 11/1970	L6	3.68in x 3.46in
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B2150P</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150 IH
		53.945/2.1238	56.891/2.2398				
<b>7M2126A</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4,6,7	<i>Full groove set. Was 7M771A.</i>					
		57.109/2.2484	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A IH
		57.119/2.2488	61.006/2.4018	1.928/.0759	32.28/1.271	F810	2127A(F) IH
<b>7M2126A</b> STD, 010, 020, 030, 040	<b>MAINS</b> 5	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) IH
		57.124/2.2490	61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) IH



90 Continued ...							90
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b>							
<b>4C5768</b> STD	1,4	45.961/1.8095	49.479/1.9480	1.735/.0683	18.54/.730	F23	5768
		45.987/1.8105	49.505/1.9490				
	2,3	45.961/1.8095	49.098/1.9330	1.544/.0608	18.54/.730	F23	5826
		45.987/1.8105	49.124/1.9340				
91 Engine				Year	Cyl	Bore x Stroke	91
302ci (5.0L) Cleveland V8 OHV 2v				01/1972 - 01/1988	V8	4.00in x 3.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B927A</b> STD, 010, 020, 030, 040		58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F810	2106A IH
		58.702/2.3111	61.897/2.4369				
<b>RACE SERIES</b> <b>8B927H</b> STD, 001, 010, 020		58.682/2.3103	61.877/2.4361	1.585/.0624	18.18/.716	F781	2106H UL
		58.702/2.3111	61.897/2.4369				
<b>CONROD</b>							
<b>8B927P</b> STD, 010, 020, 030, 040		58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F780	2106 IH
		58.702/2.3111	61.897/2.4369				
<b>MAINS</b>							
<b>5M1010A</b> STD, 001, 010, 020, 030, 040	1,2,4,5	69.809/2.7484	74.719/2.9417	2.443/.0962	22.35/.880	F810	2107A UL
		69.830/2.7492	74.740/2.9425				
	3	69.809/2.7484	74.719/2.9417	2.443/.0962	28.40/1.118	F810	2108A(F) UL
		69.830/2.7492	74.740/2.9425				
<b>RACE SERIES</b> <b>5M1010H</b> STD, 001, 010, 020	1,2,4,5	69.809/2.7484	74.719/2.9417	2.443/.0962	22.35/.880	F780	2107H UL
		69.830/2.7492	74.740/2.9425				
	3	69.809/2.7484	74.719/2.9417	2.443/.0962	28.40/1.118	F780	2108H(F) UL
		69.830/2.7492	74.740/2.9425				
<b>RACE SERIES</b> <b>5M1010HX</b> STD	1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.430/.0957	22.35/.880	F780	2107HX UL
		69.809/2.7484	74.719/2.9417				
	3	69.809/2.7484	74.719/2.9417	2.430/.0957	28.40/1.118	F780	2108HX(F) UL
		69.830/2.7492	74.740/2.9425				
<b>MAINS</b>							
<b>5M1010P</b> STD, 001, 010, 020, 030, 040	1,2,4,5	69.809/2.7484	74.719/2.9417	2.443/.0962	22.35/.880	F780	2107 UL
		69.830/2.7492	74.740/2.9425				
	3	69.809/2.7484	74.719/2.9417	2.443/.0962	28.40/1.118	F780	2108(F) UL
		69.830/2.7492	74.740/2.9425				
<b>MAINS</b>							
<b>5M2109P</b> 010, 020, 030, 040	1,2,4,5	<i>Is 0.010" overwidth flange version of 5M2107.</i>		2.443/.0962	22.35/.880	F780	2107 UL
		69.809/2.7484	74.719/2.9417				
	3	69.809/2.7484	74.719/2.9417	2.557/.1007	28.65/1.128	F780	2109(F) UL
		69.830/2.7492	74.740/2.9425				
<b>CAMS</b>							
<b>5C5696</b> STD	1	<i>Was 5C710S.</i>		1.572/.0619	17.02/.670	F23	5696
		53.950/2.1240	57.137/2.2495				
		53.975/2.1250	57.163/2.2505				
	2	52.464/2.0655	55.601/2.1890	1.544/.0608	17.02/.670	F23	5616
		52.489/2.0665	55.626/2.1900				
		52.108/2.0515	55.245/2.1750				
	3	52.083/2.0505	55.220/2.1740	1.544/.0608	17.02/.670	F23	5617
		52.108/2.0515	55.245/2.1750				
		51.702/2.0355	54.839/2.1590	1.544/.0608	17.02/.670	F23	5618
	4	51.727/2.0365	54.864/2.1600				
		51.321/2.0205	54.458/2.1440	1.544/.0608	17.02/.670	F23	5619
		51.346/2.0215	54.483/2.1450				



92 Engine		Year	Cyl	Bore x Stroke	92			
232ci (3.8L) V6 OHV 2v VIN Codes 3,4,C		01/1982 - 12/2004	V6	96.8mm x 86.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B1283A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	58.674/2.3100	61.636/2.4266	1.462/.0576	17.06/.672	F810	5200A	
		58.699/2.3110	61.656/2.4274				IH	
<b>6B4500A</b> STD, .25, .50, .75	<b>CONROD</b>	58.682/2.3103	61.630/2.4264	1.460/.0575	19.90/.783	F810	4500A	
		58.702/2.3111	61.648/2.4271				IH	
<b>4M7295A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Supercedes 4M1561P.</i>						
		1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	21.80/.858	F810	7294A
			64.003/2.5198	68.910/2.7130				L
		1,2,4	63.983/2.5190	68.890/2.7122	2.451/.0965	23.58/.928	F810	7294WA
			64.003/2.5198	68.910/2.7130				U
		3	63.983/2.5190	68.890/2.7122	2.446/.0963	29.62/1.166	F810	7295A(F)
<b>4C1197S</b> STD	<b>CAMS</b>	<i>For 1982-1987 engines.</i>						
		1,4	52.083/2.0505	55.664/2.1915	1.763/.0694	16.26/.640	F23	5260
			52.108/2.0515	55.690/2.1925				
		2,3	52.083/2.0505	55.283/2.1765	1.570/.0618	14.22/.560	F23	5261
<b>4C1447S</b> STD	<b>CAMS</b>	<i>For 1988-2004 engines.</i>						
		1,4	52.083/2.0505	55.664/2.1915	1.763/.0694	16.26/.640	F23	5258
			52.108/2.0515	55.687/2.1924				
		2,3	52.083/2.0505	55.664/2.1915	1.570/.0618	14.22/.560	F23	5259
	52.108/2.0515	55.687/2.1924						
<b>2B51445S</b> STD	<b>BALANCE</b>	1,2				F23	1445	

93 Engine		Year	Cyl	Bore x Stroke	93			
240ci (3.9L) Inline6 OHV 2v VIN Codes A,B,E,V		01/1965 - 12/1974	L6	4.00in x 3.18in				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B699A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>Was 6B2180.</i>						
		53.919/2.1228	57.785/2.2750	1.923/.0757	20.32/.800	F810	2180A	
<b>7M979A</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b>	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F810	2185A
			60.935/2.3990	65.811/2.5910				UL
		5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F810	2187A(F)
			60.935/2.3990	65.811/2.5910				UL
<b>7M979P</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Was 7M2185.</i>						
		1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F780	2185
			60.935/2.3990	65.811/2.5910				UL
		5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F)
	60.935/2.3990	65.811/2.5910				UL		
<b>4C567BS</b> STD	<b>CAMS</b>	<i>Alternate set to 4C567S with OD groove.</i>						
		1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	21.97/.865	F23	2246
		51.257/2.0180	54.483/2.1450					
<b>4C567S</b> STD	<b>CAMS</b>	1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	22.00/.866	F23	2247
			51.257/2.0180	54.483/2.1450				



94 Engine		Year		Cyl	Bore x Stroke		94
2495cc 2603E/3008E V6 OHV 2v		01/1966 - 12/1972		V6	3.69in x 2.38in		
2994cc 3012E/3022E V6 OHV 2v		01/1966 - 12/1981		V6	93.6mm x 72.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1641A</b> STD, 010, 020, 030, 040, 050,		60.353/2.3761	64.033/2.5210	1.821/.0717	17.90/.705	F810	1641A
		60.373/2.3769	64.046/2.5215				IH
<b>MAINS</b>							
<b>4M1642A</b> STD, 010, 020, 030, 040, 050,	1,2,3,4	63.525/2.5010	67.701/2.6654	2.078/.0818	20.95/.825	F820	1642AL
		63.536/2.5014	67.721/2.6662				UL
<b>MAINS</b> <i>+.015" oversize OD version of 4M1642.</i>							
<b>4M1642A+015</b> STD, 010, 020, 030, 040		63.525/2.5010	68.082/2.6804	2.268/.0893	20.95/.825	F820	1642AL+015
		63.536/2.5014	68.102/2.6812				UL
<b>THRUST</b>							
<b>2T1642</b> STD, 005		68.960/2.7150	85.600/3.3701		2.36/.093	F250	1642T
		69.210/2.7248	85.850/3.3799				UL
<b>CAMS</b>							
<b>4C5799</b> STD	1	47.592/1.8737	51.816/2.0400	2.090/.0823	22.61/.890	F23	5796
		47.612/1.8745	51.857/2.0416				
	2	46.068/1.8137	50.292/1.9800	2.090/.0823	28.19/1.110	F23	5797
		46.088/1.8145	50.333/1.9816				
	3	44.544/1.7537	48.768/1.9200	2.090/.0823	28.19/1.110	F23	5798
		44.564/1.7545	48.809/1.9216				
	4	44.163/1.7387	48.387/1.9050	2.090/.0823	22.60/.890	F23	5799
		44.183/1.7395	48.428/1.9066				
<b>95 Engine</b>							
250ci Non X Flow Inline6 OHV 2v		01/1970 - 12/1978		L6	3.68in x 3.91in		
4.0L (243ci) EB-ED (Australia) Inline6 SOHC 2v		04/1992 - 03/1995		L6	91.9mm x 99.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Was 6B583A</i>							
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A
		53.945/2.1238	56.891/2.2398				IH
<b>CONROD</b>							
<b>RACE SERIES 6B2150H</b> STD, 001, 010, 020		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES 6B2150HX</b> STD		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
<b>CONROD</b>							
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
<b>MAINS</b>							
<b>RACE SERIES 7M2158H</b> STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES 7M2158HX</b> STD	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F)
		60.935/2.3990	65.811/2.5910				UL
<b>MAINS</b>							
<b>7M2158P</b> STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F)
		60.935/2.3990	65.811/2.5910				UL





96 Engine		Year		Cyl	Bore x Stroke	96	
3611cc E1ADDN-B Inline4 OHV 2v Diesel		01/1951 - 12/1965		L4	3.94in x 4.53in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2100A</b> STD, 010, 020, 030, 040, 050,		63.492/2.4997	67.208/2.6460	1.824/.0718	34.03/1.340	F820	2100AL
		63.505/2.5002	67.221/2.6465				IH
<b>5M2104A</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b>						
	1,2,4	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F820	2104AL
		76.218/3.0007	80.442/3.1670				IH
	3,5	76.205/3.0002	80.429/3.1665	2.078/.0818	36.20/1.425	F820	2105AL
		76.218/3.0007	80.442/3.1670				IH
<b>2T2102</b> STD, 0025, 005, 0075	<b>THRUST</b>						
		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T
		84.450/3.3248	99.000/3.8976				UL
<b>5C5757</b> STD	<b>CAMS</b>						
		52.311/2.0595	55.575/2.1880	1.613/.0635	24.13/.950	F23	5757
		52.324/2.0600	55.601/2.1890				
		52.311/2.0595	55.575/2.1880	1.613/.0635	26.80/1.055	F23	5756
		52.324/2.0600	55.601/2.1890				
<b>RB792</b>	<b>PISTON PIN BUSH</b>						
		34.917/1.3747	38.113/1.5005	1.730/.0681	36.44/1.435	F100	RB792
		34.925/1.3750	38.164/1.5025				

97 Engine		Year		Cyl	Bore x Stroke	97	
4.1L (250ci) X Flow Alloy Head (Aust) Inline6 OHV 2v		06/1980 - 10/1986		L6	3.68in x 3.91in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		<i>Was 6B583A</i>		1.458/.0574	20.57/.810	F810	2150A
		53.934/2.1234	56.871/2.2390				IH
		53.945/2.1238	56.891/2.2398				
<b>RACE SERIES</b> <b>6B2150H</b> STD, 001, 010, 020	<b>CONROD</b>						
		53.934/2.1234	56.871/2.2390	1.455/.0573	20.57/.810	F781	2150H
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b> <b>6B2150HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		53.934/2.1234	56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX
		53.945/2.1238	56.891/2.2398				IH
<b>6B2150P</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>						
		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F780	2150
		53.945/2.1238	56.891/2.2398				IH
<b>RACE SERIES</b> <b>7M2158H</b> STD, 001, 010, 020	<b>MAINS</b>						
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.423/.0954	25.90/1.020	F780	2158H
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.423/.0954	32.28/1.271	F780	2159H(F)
		60.935/2.3990	65.811/2.5910				UL
<b>RACE SERIES</b> <b>7M2158HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.410/.0949	25.90/1.020	F780	2158HX
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.410/.0949	32.28/1.271	F780	2159HX(F)
		60.935/2.3990	65.811/2.5910				UL
<b>7M2158P</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b>						
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	25.90/1.020	F780	2158
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	32.28/1.271	F780	2159(F)
		60.935/2.3990	65.811/2.5910				UL
<b>7M2188P</b> STD, 010, 020, 030	<b>MAINS</b>	<i>US250 or UPK stamped on block at rear of coil.</i>					
	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.426/.0955	24.64/.970	F780	2188
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F)
		60.935/2.3990	65.811/2.5910				UL



97		Continued ...						97
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CAMS</b> <i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>								
<b>4C5826</b> STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826	
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827	
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828	
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746	
	<b>98 Engine</b> <b>Year</b> <b>Cyl</b> <b>Bore x Stroke</b> <b>98</b>							
	4.1L (250ci) X Flow Cast Iron Head (Aust) Inline6 OHV 2v			10/1974 - 12/1983		L6	3.68in x 3.91in	
	Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b> <i>Was 6B583A</i>							
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH	
	<b>RACE SERIES</b>							
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH	
	<b>RACE SERIES</b>							
<b>6B2150HX</b> STD		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH	
	<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>6B2150P</b> STD, 001, 010, 020, 030, 040		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH	
	<b>RACE SERIES</b>							
<b>7M2158H</b> STD, 001, 010, 020	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.423/.0954	25.90/1.020	F780	2158H UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.423/.0954	32.28/1.271	F780	2159H(F) UL	
	<b>RACE SERIES</b>							
<b>7M2158HX</b> STD	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.410/.0949	25.90/1.020	F780	2158HX UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.410/.0949	32.28/1.271	F780	2159HX(F) UL	
	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>7M2158P</b> STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	25.90/1.020	F780	2158 UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	32.28/1.271	F780	2159(F) UL	
	<b>MAINS</b> <i>US250 or UPK stamped on block at rear of coil.</i>							
<b>7M2188P</b> STD, 010, 020, 030	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	24.64/.970	F780	2188 UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	30.35/1.195	F780	2187(F) UL	
	<b>CAMS</b>							
<b>4C5768</b> STD	1,4	45.961/1.8095 45.987/1.8105	49.479/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5768	
	2,3	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826	
	<b>CAMS</b> <i>Part number 5829 has two oil holes.</i>							
<b>4C5829</b> STD	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826	
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827	
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828	
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5829	





99 Engine		Year		Cyl	Bore x Stroke	99	
401ci Inline6 OHV 2v Turbo Diesel		01/1969 - On		L6	4.40in x 4.40in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1120P</b> STD, 010, 020, 030, 040		69.840/2.7496	74.706/2.9412	2.400/.0945	35.81/1.410	F780	1120
		69.860/2.7504	74.727/2.9420				IH
<b>MAINS</b>							
<b>7M1122A</b> STD, 010, 020, 030	1-3,5,6,7	85.634/3.3714	92.055/3.6242	3.176/.1250	28.19/1.110	F810	1122A
		85.654/3.3722	92.075/3.6250				UL
	4	85.634/3.3714	92.055/3.6242	3.176/.1250	36.96/1.455	F810	1123A(F)
		85.654/3.3722	92.075/3.6250				UL
<b>CAMS</b>							
<b>5C5806</b> STD	1 TO 5	60.693/2.3895	64.364/2.5340	1.816/.0715	19.55/.770	F23	5806
		60.719/2.3905	64.890/2.5547				

100 Engine		Year		Cyl	Bore x Stroke	100	
300ci (4.9L) Inline6 OHV 2v VIN Code 9,B,E,K,Y		01/1965 - 12/1996		L6	4.00in x 3.98in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Was 6B2180.</i>							
<b>6B699A</b> STD, 010, 020, 030, 040		53.919/2.1228	57.785/2.2750	1.923/.0757	20.32/.800	F810	2180A
		53.939/2.1236	57.805/2.2758				IH
<b>MAINS</b>							
<b>7M979A</b> STD, 001, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F810	2185A
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F810	2187A(F)
		60.935/2.3990	65.811/2.5910				UL
<b>MAINS</b>							
<i>Was 7M2185.</i>							
<b>7M979P</b> STD, 010, 020, 030, 040	1,2,3,4,6,7	60.914/2.3982	65.791/2.5902	2.428/.0956	24.13/.950	F780	2185
		60.935/2.3990	65.811/2.5910				UL
	5	60.914/2.3982	65.791/2.5902	2.426/.0955	30.35/1.195	F780	2187(F)
		60.935/2.3990	65.811/2.5910				UL
<b>CAMS</b>							
<i>Alternate set to 4C1254S with OD groove.</i>							
<b>4C1254BS</b> STD	1,4	51.232/2.0170	54.839/2.1590	1.770/.0697	22.00/.866	F23	2245
		51.257/2.0180	54.864/2.1600				
	2,3	51.232/2.0170	54.458/2.1440	1.580/.0622	21.97/.865	F23	2246
		51.257/2.0180	54.483/2.1450				
<b>CAMS</b>							
<b>4C1254S</b> STD	1,4	51.232/2.0170	54.839/2.1590	1.770/.0697	22.00/.866	F23	2248
		51.257/2.0180	54.864/2.1600				
	2,3	51.232/2.0170	54.458/2.1440	1.580/.0622	22.00/.866	F23	2249
		51.257/2.0180	54.483/2.1450				
<b>CAMS</b>							
<i>Alternate set to 4C567S with OD groove.</i>							
<b>4C567BS</b> STD	1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	21.97/.865	F23	2246
		51.257/2.0180	54.483/2.1450				
<b>CAMS</b>							
<b>4C567S</b> STD	1,2,3,4	51.232/2.0170	54.458/2.1440	1.580/.0622	22.00/.866	F23	2247
		51.257/2.0180	54.483/2.1450				

101 Engine		Year		Cyl	Bore x Stroke	101	
370ci (6.1L) V8 OHV 2v		01/1979 - 12/1991		V8	4.05in x 3.59in		
429ci (7.0L) V8 OHV 2v		01/1968 - 12/1998		V8	4.36in x 3.59in		
460ci (7.5L) V8 OHV 2v		01/1968 - 12/1997		V8	4.36in x 3.85in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B818A</b> STD, 010, 020, 030, 040		63.480/2.4992	67.366/2.6522	1.927/.0759	22.00/.866	F810	5210A
		63.500/2.5000	67.386/2.6530				IH



101 Continued ...							101
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>8B818H</b> STD, 001, 010	<b>CONROD</b>	63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.925/.0758	22.00/.866	F781	5210H UL
<b>8B818P</b> STD, 10, 20, 30, 40	<b>CONROD</b>	63.480/2.4992 63.500/2.5000	67.366/2.6522 67.386/2.6530	1.927/.0759	22.00/.866	F780	5210 IH
<b>5M1039A</b> STD, 001, 010	<b>MAINS</b> 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	24.13/.950	F810	5212A UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	28.45/1.120	F810	5214A(F) IH
<b>RACE SERIES</b> <b>5M1039H</b> STD, 001, 010	<b>MAINS</b> 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.436/.0959	24.13/.950	F780	5212H UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.436/.0959	28.45/1.120	F780	5214H(F) IH
<b>RACE SERIES</b> <b>5M1039HX</b> STD	<b>MAINS</b> 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.423/.0954	24.13/.950	F780	5212HX UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.423/.0954	28.45/1.120	F780	5214HX(F) IH
<b>5M1039P</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	24.13/.950	F780	5212 UL
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.432/.0957	28.45/1.120	F780	5214(F) IH
<b>5C1111S</b> STD, 010	<b>CAMS</b> 1,2,3,4,5	53.945/2.1238 53.970/2.1248	57.137/2.2495 57.163/2.2505	1.572/.0619	15.25/.600	F23	5257

102 Engine		Year	Cyl	Bore x Stroke	102				
4.0L (243ci) AU-AUIII Intech (Australia) Inline6 SOHC 2v		09/1998 - 07/2003	L6	92.0mm x 96.3mm					
4.0L (243ci) Barra (Australia) Inline6 DOHC 4v		10/2002 - On	L6	92.3mm x 99.3mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>6B2150A</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	<i>Was 6B583A</i>		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH
<b>RACE SERIES</b> <b>6B2150H</b> STD, 001, 010, 020	<b>CONROD</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH		
<b>RACE SERIES</b> <b>6B2150HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
<b>6B2150P</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH		
<b>RACE SERIES</b> <b>7M2092H</b> STD, 001, 010, 020	<b>MAINS</b> 1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H L		
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H U		
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	27.28/1.074	F780	2093H(F) U		
<b>RACE SERIES</b> <b>7M2092HX</b> STD	<b>MAINS</b> 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HX L
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HXU U		





102 Continued ...							102
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M2092HX</b> STD.	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	27.28/1.074	F780	2093HX(F) U
<b>MAINS</b>							
<b>7M2092P</b> STD, 001, 010, 020, 030, 040	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 L
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 U
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	27.28/1.074	F780	2093(F) U

103 Engine				Year	Cyl	Bore x Stroke	103
4888cc 589E Inline6 OHV 2v				01/1956 - 12/1965	L6	95.0mm x 115.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2100</b> STD, 010, 020, 030, 040, 050,		63.492/2.4997 63.505/2.5002	67.208/2.6460 67.221/2.6465	1.824/.0718	34.03/1.340	F820	2100AL IH
<b>MAINS</b>							
<b>7M2104A</b> STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	26.67/1.050	F820	2104AL IH
	4,7	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	36.20/1.425	F820	2105AL IH
<b>THRUST</b>							
<b>2T2102</b> STD, 0025, 005, 0075		84.200/3.3150 84.450/3.3248	98.750/3.8878 99.000/3.8976		2.36/.093	F250	2102T UL
<b>CAMS</b>							
<b>7C5757</b> STD, 010	1	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	26.80/1.055	F23	5756
	2-7	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	24.13/.950	F23	5757

104 Engine				Year	Cyl	Bore x Stroke	104
5416cc 590E Inline6 OHV 2v Diesel				01/1955 - 12/1965	L6	100.0mm x 115.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2100</b> STD, 010, 020, 030, 040, 050,		63.492/2.4997 63.505/2.5002	67.208/2.6460 67.221/2.6465	1.824/.0718	34.03/1.340	F820	2100AL IH
<b>MAINS</b>							
<b>7M2104A</b> STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	26.67/1.050	F820	2104AL IH
	4,7	76.205/3.0002 76.218/3.0007	80.429/3.1665 80.442/3.1670	2.078/.0818	36.20/1.425	F820	2105AL IH
<b>THRUST</b>							
<b>2T2102</b> STD, 0025, 005, 0075		84.200/3.3150 84.450/3.3248	98.750/3.8878 99.000/3.8976		2.36/.093	F250	2102T UL
<b>CAMS</b>							
<b>7C5757</b> STD, 010	1	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	26.80/1.055	F23	5756
	2-7	52.311/2.0595 52.324/2.0600	55.575/2.1880 55.601/2.1890	1.613/.0635	24.13/.950	F23	5757
<b>PISTON PIN BUSH</b>							
<b>RB792</b>		34.917/1.3747 34.925/1.3750	38.113/1.5005 38.164/1.5025	1.730/.0681	36.44/1.435	F100	RB792



105 Engine		Year	Cyl	Bore x Stroke	105		
1294cc JAC TL13 Inline4 SOHC 2v		01/1970 - 12/1982	L4	79.0mm x 66.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2166A</b> STD, .25, .50, .75, 1.00, 1.50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.10/.791	F810	2166A
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166H</b> STD, .25, .50		51.990/2.0468	55.000/2.1654	1.496/.0589	20.12/.792	F781	2166H
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b>							
<b>4B2166HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		51.990/2.0468	55.000/2.1654	1.483/.0584	20.12/.792	F781	2166HX
		52.000/2.0472	55.020/2.1661				IH
<b>MAINS</b>							
<b>5M2167A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F810	2167A
		57.000/2.2441	60.640/2.3874				IH
<b>RACE SERIES</b>							
<b>5M2167H</b> STD, .25, .50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.803/.0710	23.75/.935	F780	2167H
		57.000/2.2441	60.640/2.3874				UL
<b>RACE SERIES</b>							
<b>5M2167HX</b> STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		56.990/2.2437	60.620/2.3866	1.790/.0705	23.75/.935	F780	2167HX
		57.000/2.2441	60.640/2.3874				UL
<b>MAINS</b>							
<b>5M2167P</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	56.990/2.2437	60.620/2.3866	1.799/.0708	23.75/.935	F780	2167
		57.000/2.2441	60.640/2.3874				IH
<b>THRUST</b>							
<b>2T2167</b> STD, 005		<i>Was 2T2185.</i>					
		63.600/2.5039	80.240/3.1590		2.35/.093	F250	2167T
		63.850/2.5138	80.490/3.1689				UL

106 Engine		Year	Cyl	Bore x Stroke	106		
360ci Inline6 OHV 2v Turbo Diesel		01/1968 - 12/1981	L6	4.13in x 4.52in			
380ci 2715E Inline6 OHV 2v Diesel		01/1965 - 12/1982	L6	4.22in x 4.52in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1860</b> STD, 010, 020, 030, 040, 050,		<i>Contains upper &amp; lower shells. Oil hole in upper.</i>					
		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F820	1860AL
		66.675/2.6250	70.891/2.7910				U
		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A
		66.675/2.6250	70.891/2.7910				IH
<b>CONROD</b>							
<b>6B1861</b> STD, 010, 020, 030, 040, 050,		<i>Contains plain identical halves.</i>					
		66.655/2.6242	70.878/2.7905	2.084/.0820	34.03/1.340	F810	1861A
		66.675/2.6250	70.891/2.7910				IH
<b>MAINS</b>							
<b>7M1864</b> STD, 010, 020, 030, 040, 050,	1,2,3,5,6	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A
		76.225/3.0010	80.442/3.1670				UL
	4,7	76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A
		76.225/3.0010	80.442/3.1670				UL
<b>THRUST</b>							
<b>2T2102</b> STD, 0025, 005, 0075		84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T
		84.450/3.3248	99.000/3.8976				UL
<b>CAMS</b>							
<b>6DC1866</b> STD	1	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
	2 TO 6	55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
		55.499/2.1850	58.775/2.3140				
<b>PISTON PIN BUSH</b>							
<b>RB4043</b> UNB		36.502/1.4371	39.700/1.5630	1.750/.0689	37.59/1.480	F100	RB4043
		36.510/1.4374	39.751/1.5650				



107 Engine				Year	Cyl	Bore x Stroke	107
182ci (3.0L) (Vulcan) V6 OHV 2v VIN Codes 1,2,U,V				01/1986 - 12/2008	V6	89.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1385A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	53.983/2.1253	57.150/2.2500	1.567/.0617	19.25/.758	F810	5230A
		54.003/2.1261	57.170/2.2508				IH
<b>4M1702A</b> STD, .25, .50, .75	<b>MAINS</b>	63.983/2.5190	68.885/2.7120	2.435/.0959	18.69/.736	F810	5232A
		64.003/2.5198	68.903/2.7127				UL
		63.983/2.5190	68.885/2.7120	2.435/.0959	25.65/1.010	F810	5233A(F)
		64.003/2.5198	68.903/2.7127				UL
<b>4C048AS</b> STD	<b>CAMS</b>	51.000/2.0079	54.676/2.1526	1.830/.0720	24.38/.960	F23	7350
		51.020/2.0087	54.727/2.1546				
		51.000/2.0079	54.176/2.1329	1.570/.0618	13.77/.542	F23	7351
		51.020/2.0087	54.226/2.1349				
		51.000/2.0079	54.676/2.1526	1.830/.0720	13.77/.542	F23	7352
		51.020/2.0087	54.727/2.1546				

108 Engine				Year	Cyl	Bore x Stroke	108
365ci Parent Block 2713E Inline6 OHV 2v Diesel 5409cc 2708E, 2703E Inline6 Diesel OHV 2v				01/1965 - 12/1981 01/1965 - 12/1978	L6 L6	4.13in x 4.52in 3.94in x 4.53in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2100</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>	63.492/2.4997	67.208/2.6460	1.824/.0718	34.03/1.340	F820	2100AL
		63.505/2.5002	67.221/2.6465				IH
<b>7M1864</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b>	76.205/3.0002	80.429/3.1665	2.078/.0818	26.67/1.050	F810	1862A
		76.225/3.0010	80.442/3.1670				UL
		76.205/3.0002	80.429/3.1665	2.078/.0818	36.19/1.425	F810	1864A
		76.225/3.0010	80.442/3.1670				UL
<b>2T2102</b> STD, 0025, 005, 0075	<b>THRUST</b>	84.200/3.3150	98.750/3.8878		2.36/.093	F250	2102T
		84.450/3.3248	99.000/3.8976				UL
<b>6DC1866</b> STD	<b>CAMS</b>	55.486/2.1845	58.750/2.3130	1.613/.0635	26.16/1.030	F250	1866
		55.499/2.1850	58.775/2.3140				
		55.486/2.1845	58.750/2.3130	1.613/.0635	24.15/.951	F23	5758
		55.499/2.1850	58.775/2.3140				
<b>RB792</b>	<b>PISTON PIN BUSH</b>	34.917/1.3747	38.113/1.5005	1.730/.0681	36.44/1.435	F100	RB792
		34.925/1.3750	38.164/1.5025				

109 Engine				Year	Cyl	Bore x Stroke	109
351ci (5.8L) Cleveland V8 OHV 2v				06/1969 - 12/1982	V8	4.00in x 3.50in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>18.11mm wide. To suit Chev rods (used for Stroker engines).</i>					
<b>8B1227H</b> STD, 001, 010		53.315/2.0990	56.507/2.2247	1.575/.0620	18.00/.709	F781	7110H
		53.340/2.1000	56.520/2.2252				IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>18.11mm wide. To suit Chev rods (used for Stroker engines).</i>					
<b>8B1227HX</b> STD		53.315/2.0990	56.507/2.2247	1.562/.0615	18.00/.709	F781	7110HX
		53.340/2.1000	56.520/2.2252				IH
<b>8B927A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	58.682/2.3103	61.880/2.4362	1.588/.0625	18.18/.716	F810	2106A
		58.702/2.3111	61.897/2.4369				IH



109		Continued ...						109	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>8B927H</b> STD, 001, 010, 020	<b>CONROD</b>	58.682/2.3103 58.702/2.3111	61.877/2.4361 61.897/2.4369	1.585/.0624	18.18/.716	F781	2106H UL		
<b>8B927P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	58.682/2.3103 58.702/2.3111	61.880/2.4362 61.897/2.4369	1.588/.0625	18.18/.716	F780	2106 IH		
<b>5M1010A</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b> 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	22.35/.880	F810	2107A UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	28.40/1.118	F810	2108A(F) UL		
<b>RACE SERIES</b> <b>5M1010H</b> STD, 001, 010, 020	<b>MAINS</b> 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	22.35/.880	F780	2107H UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	28.40/1.118	F780	2108H(F) UL		
<b>RACE SERIES</b> <b>5M1010HX</b> STD	<b>MAINS</b> 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.430/.0957	22.35/.880	F780	2107HX UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.430/.0957	28.40/1.118	F780	2108HX(F) UL		
<b>5M1010P</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b> 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	22.35/.880	F780	2107 UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	28.40/1.118	F780	2108(F) UL		
<b>5M2109P</b> 010, 020, 030, 040	<b>MAINS</b> 1,2,4,5	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.443/.0962	22.35/.880	F780	2107 UL		
	3	69.809/2.7484 69.830/2.7492	74.719/2.9417 74.740/2.9425	2.557/.1007	28.65/1.128	F780	2109(F) UL		
<b>5C5696</b> STD	<b>CAMS</b> 1	53.950/2.1240 53.975/2.1250	57.137/2.2495 57.163/2.2505	1.572/.0619	17.02/.670	F23	5696		
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F23	5616		
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F23	5617		
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F23	5618		
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/.0608	17.02/.670	F23	5619		

110		Engine				Year	Cyl	Bore x Stroke	110	
351ci (5.8L) Windsor V8 OHV 2v						01/1969 - 12/1997	V8	4.00in x 3.50in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
<b>8B831A</b> STD, 010, 020, 030	<b>CONROD</b>	58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/.0577	18.18/.716	F809	2176A IH			
<b>8B831P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	58.682/2.3103 58.702/2.3111	61.633/2.4265 61.653/2.4273	1.465/.0577	18.18/.716	F780	2176 IH			
<b>5M1432A</b> STD, 10, 20, 30, 40	<b>MAINS</b> 1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	2177A U			
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	5207A L			
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	5209A(F) L			





110 Continued ...							110
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1432A</b> STD, 10, 20, 30, 40	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) U
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M1432H</b> STD, 001, 010	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	5207H L
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	21.26/.837	F780	2177H U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	2178H(F) U
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.430/.0957	28.78/1.133	F780	5209H(F) L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1432HX</b> STD	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	21.26/.837	F780	2177HX U
	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	21.26/.837	F780	5207HX L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	5209HX(F) L
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.417/.0952	28.78/1.133	F780	2178HX(F) U
<b>5M981A</b> STD, 010, 020, 030, 040	1,2,4,5	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	21.26/.837	F810	2177A IH
	3	76.185/2.9994 76.205/3.0002	81.082/3.1922 81.102/3.1930	2.433/.0958	28.78/1.133	F810	2178A(F) IH
<b>5C5616</b> STD	<b>CAMS</b>	<i>Was 5C510S.</i>					
	1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.070/2.2075	1.544/.0608	17.02/.670	F23	5610
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F23	5616
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F23	5617
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F23	5618
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/.0608	17.02/.670	F23	5619
<b>RACE SERIES</b>	<b>CAMS</b>						
<b>5C5616C</b> STD	1	52.845/2.0805 52.870/2.0815	55.982/2.2040 56.070/2.2075	1.544/.0608	17.02/.670	F830	5610C
	2	52.464/2.0655 52.489/2.0665	55.601/2.1890 55.626/2.1900	1.544/.0608	17.02/.670	F830	5616C
	3	52.083/2.0505 52.108/2.0515	55.220/2.1740 55.245/2.1750	1.544/.0608	17.02/.670	F830	5617C
	4	51.702/2.0355 51.727/2.0365	54.839/2.1590 54.864/2.1600	1.544/.0608	17.02/.670	F830	5618C
	5	51.321/2.0205 51.346/2.0215	54.458/2.1440 54.483/2.1450	1.544/.0608	17.02/.670	F830	5619C

111 Engine				Year	Cyl	Bore x Stroke	111
4.0L (243ci) EF-EL (Australia) Inline6 SOHC 2v				09/1994 - 12/1998	L6	92.0mm x 96.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2150A</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	<i>Was 6B583A</i>					
		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>6B2150H</b> STD, 001, 010, 020		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH



111 Continued ...								111
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>6B2150HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>						
		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH	
<b>6B2150P</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH	
<b>RACE SERIES</b> <b>7M2092H</b> STD, 001, 010, 020	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H L	
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	20.90/.823	F780	2092H U	
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.999/.0787	27.28/1.074	F780	2093H(F) U	
<b>RACE SERIES</b> <b>7M2092HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HX L	
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	20.90/.823	F780	2092HXU U	
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	1.986/.0782	27.28/1.074	F780	2093HX(F) U	
<b>7M2092P</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b>	<i>From Block # VR-2A-6010-AA.</i>						
	1,2,3,4,5,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 L	
	1,2,3,4,6,7	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	20.90/.823	F780	2092 U	
	5	67.481/2.6567 67.505/2.6577	71.517/2.8156 71.541/2.8166	2.001/.0788	27.28/1.074	F780	2093(F) U	
<b>RACE SERIES</b> <b>7M2158H</b> STD, 001, 010, 020	<b>MAINS</b>	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.423/.0954	25.90/1.020	F780	2158H UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.423/.0954	32.28/1.271	F780	2159H(F) UL	
<b>RACE SERIES</b> <b>7M2158HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,6,7	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.410/.0949	25.90/1.020	F780	2158HX UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.410/.0949	32.28/1.271	F780	2159HX(F) UL	
<b>7M2158P</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b>	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	25.90/1.020	F780	2158 UL	
	5	60.914/2.3982 60.935/2.3990	65.791/2.5902 65.811/2.5910	2.426/.0955	32.28/1.271	F780	2159(F) UL	

112 Engine		Year		Cyl	Bore x Stroke	112	
1.9L VIN 9/J Inline4 SOHC 2v		01/1985 - 12/1996		L4	3.23in x 3.46in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1276A</b> STD, 010, 020, 030	<b>CONROD</b>	47.889/1.8854 47.909/1.8862	50.889/2.0035 50.909/2.0043	1.487/.0585	19.35/.762	F810	5226A IH
<b>4B1380A</b> STD, .25, .50	<b>CONROD</b>	43.888/1.7279 43.909/1.7287	46.888/1.8460 46.909/1.8468	1.488/.0586	19.50/.768	F810	5231A IH
<b>5M1706A</b> STD, .25, .50, .75	<b>MAINS</b>	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	21.45/.845	F810	5235A L
	1,2,4,5	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	22.45/.884	F810	5236A U
	3	57.980/2.2827 58.000/2.2835	62.286/2.4522 62.300/2.4528	2.128/.0838	28.73/1.131	F810	5237A(F) U





113 Engine				Year	Cyl	Bore x Stroke	113
122ci (2.0L) Pinto Inline4 SOHC 2v VIN Code X				01/1971 - 12/1974	L4	3.58in x 3.03in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B943A</b> STD, .25, .50, .75, 1.00		51.990/2.0468	55.000/2.1654	1.496/.0589	20.00/.787	F810	5220A IH
		52.000/2.0472	55.020/2.1661				
<b>MAINS</b> <i>Full groove set.</i>							
<b>5M1084A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	60.620/2.3866	1.810/.0713	23.56/.928	F810	5221A IH
		57.000/2.2441	60.640/2.3874				
<b>MAINS</b> <i>Half groove set.</i>							
<b>5M5466A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	60.620/2.3866	1.810/.0713	23.56/.928	F810	5221A UL
		57.000/2.2441	60.640/2.3874				
<b>THRUST</b> <i>Was 2T2185.</i>							
<b>2T2167</b> STD, .005		63.600/2.5039	80.240/3.1590		2.35/.093	F250	2167T UL
		63.850/2.5138	80.490/3.1689				
<b>CAMS</b>							
<b>3C5816</b> STD	1	41.996/1.6534	45.072/1.7745	1.511/.0595	20.24/.797	F23	5816
		42.012/1.6540	45.103/1.7757				
		44.615/1.7565	47.691/1.8776				
		44.630/1.7571	47.721/1.8788				
	2	44.955/1.7699	48.072/1.8926	1.511/.0595	17.27/.680	F23	5817
		45.011/1.7721	48.102/1.8938				
<b>AUX</b>							
<b>1C1094S</b> STD		41.953/1.6517	45.072/1.7745	1.571/.0619	12.95/.510	F23	7340
		41.978/1.6527	45.099/1.7755				

114 Engine				Year	Cyl	Bore x Stroke	114				
140ci (2.3L) HSC Inline4 OHV 2v				01/1984 - 12/1994	L4	3.78in x 3.13in					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
<b>CONROD</b>											
<b>4B1383A</b> STD, 010, 020, 030		53.929/2.1232	56.871/2.2390	1.458/.0574	20.57/.810	F810	5240A IH				
		53.950/2.1240	56.891/2.2398								
<b>CONROD</b>											
<b>4B583A</b> STD, 010, 020, 030		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH				
		53.945/2.1238	56.891/2.2398								
<b>MAINS</b>											
<b>5M1629A</b> STD, 010, 020, 030	1	57.104/2.2482	60.990/2.4012	1.928/.0759	25.90/1.020	F810	5223A U				
		57.125/2.2490	61.011/2.4020								
	1,2,3,4,5	57.104/2.2482	60.990/2.4012					1.928/.0759	25.90/1.020	F810	5224A L
		57.125/2.2490	61.011/2.4020								
	2,4,5	57.019/2.2448	60.995/2.4014	1.928/.0759	25.90/1.020	F810	2126A U				
		57.119/2.2488	61.006/2.4018								
	3	57.104/2.2482	60.990/2.4012	1.928/.0759	32.28/1.271	F810	2127A(F) U				
		57.124/2.2490	61.011/2.4020								
<b>CAMS</b>											
<b>4C1251S</b> STD	1	50.988/2.0074	55.988/2.2042	2.470/.0972	18.42/.725	F23	5270				
		51.013/2.0084	56.012/2.2052								
	2,3	50.988/2.0074	55.588/2.1885					2.270/.0894	18.42/.725	F147	5271
		51.013/2.0084	55.613/2.1895								
	4	50.988/2.0074	55.988/2.2042	2.470/.0972	12.90/.508	F23	5272				
		51.013/2.0084	56.012/2.2052								

115 Engine				Year	Cyl	Bore x Stroke	115
144ci (2.4L) Inline6 OHV 2v				01/1960 - 12/1966	L6	3.50in x 2.50in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Was 6B583A</i>							
<b>6B2150A</b> STD, 001, 010, 020, 030, 040		53.934/2.1234	56.871/2.2390	1.458/.0574	20.57/.810	F810	2150A IH
		53.945/2.1238	56.891/2.2398				



**115 Continued ... 115**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>6B2150H</b> STD, 001, 010, 020	<b>CONROD</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH
<b>RACE SERIES</b> <b>6B2150HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.442/.0568	20.57/.810	F781	2150HX IH
<b>6B2150P</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH
<b>4M2126A</b> STD, 010, 020, 030	<b>MAINS</b>	<i>Was 4M771A.</i>		1.928/.0759	25.90/1.020	F810	2126A IH
	1,2,4	57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018				
	3	57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) IH
<b>4C5746</b> STD	<b>CAMS</b>	<i>To Eng. No 73540.</i>		2.116/.0833	18.54/.730	F23	5746
	1	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790				
	2	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	3	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827
	4	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5749
<b>4C5749</b> STD	<b>CAMS</b>	<i>From Eng. No. 73541.</i>		1.544/.0608	18.54/.730	F23	5749
	1,2,3,4	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340				
<b>4C5826</b> STD	<b>CAMS</b>	<i>Was 4C703S. #4 position cam (5746) - bleeder groove to face inwards</i>		2.116/.0833	18.54/.730	F23	5746
	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340				
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827
	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746

**116 Engine 116**

1558cc 125E, 3020E Lotus Inline4 DOHC 2v Year 01/1965 - 12/1975 Cyl L4 Bore x Stroke 82.5mm x 72.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B603A</b> STD, 001, 010, 020	<b>CONROD</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810	5216A IH
<b>RACE SERIES</b> <b>4B603H</b> STD, 001, 010, 020	<b>CONROD</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL
<b>RACE SERIES</b> <b>4B603HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.817/.0715	22.35/.880	F781	5216HX UL
		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830				
<b>4B603P</b> STD, 010, 020, 030, 040, 050	<b>CONROD</b>	49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH
<b>5M2152A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Same as 5M742A</i>		1.836/.0723	25.52/1.005	F810	2152A IH
	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715				
<b>RACE SERIES</b> <b>5M2152H</b> STD, 001, 010, 020	<b>MAINS</b>	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.831/.0721	25.52/1.005	F780	2152H IH





116 Continued ...							116
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M2152HX</b> STD	1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.818/.0716	25.52/1.005	F780	2152HX IH
<b>5M2152P</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4,5	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH
<b>1T2152</b> STD, 005	<b>THRUST</b>	<i>Same as 1T1135</i>					
		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U
<b>10C5808</b> STD	<b>CAMS</b>	<i>Split Cam Type insert</i>					
		25.400/1.0000 25.412/1.0005	28.587/1.1255 28.600/1.1260	1.584/.0624	19.18/.755	F23	5808 IH
		25.400/1.0000 25.412/1.0005	28.587/1.1255 28.600/1.1260	1.584/.0624	12.82/.505	F23	5809 IH

117 Engine				Year	Cyl	Bore x Stroke	117
170ci (2.8L) Inline6 OHV 2v				01/1960 - 12/1972	L6	3.50in x 2.94in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2150A</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	<i>Was 6B583A</i>					
		53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F810	2150A IH
<b>RACE SERIES</b> <b>6B2150H</b> STD, 001, 010, 020	<b>CONROD</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.455/.0573	20.57/.810	F781	2150H IH
<b>RACE SERIES</b> <b>6B2150HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		53.934/2.1234 53.945/2.1238	56.891/2.2398 56.891/2.2398	1.442/.0568	20.57/.810	F781	2150HX IH
<b>6B2150P</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	53.934/2.1234 53.945/2.1238	56.871/2.2390 56.891/2.2398	1.458/.0574	20.57/.810	F780	2150 IH
<b>4M2126A</b> STD, 010, 020, 030	<b>MAINS</b> 1,2,4	<i>Was 4M771A.</i>					
		57.109/2.2484 57.119/2.2488	60.995/2.4014 61.006/2.4018	1.928/.0759	25.90/1.020	F810	2126A IH
	3	57.104/2.2482 57.124/2.2490	60.990/2.4012 61.011/2.4020	1.928/.0759	32.28/1.271	F810	2127A(F) IH
<b>4C5746</b> STD	<b>CAMS</b>	<i>To Eng.No.14788.</i>					
	1	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746
	2	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	3	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827
	4	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5749
<b>4C5749</b> STD	<b>CAMS</b> 1,2,3,4	<i>From Eng.No.014789.</i>					
		45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5749
<b>4C5768</b> STD	<b>CAMS</b> 1,4	45.961/1.8095 45.987/1.8105	49.479/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5768
	2,3	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826
<b>4C5826</b> STD	<b>CAMS</b>	<i>Was 4C7035. #4 position cam (5746) - bleeder groove to face inwards</i>					
	1	45.961/1.8095 45.987/1.8105	49.098/1.9330 49.124/1.9340	1.544/.0608	18.54/.730	F23	5826
	2	45.961/1.8095 45.987/1.8105	49.480/1.9480 49.505/1.9490	1.735/.0683	18.54/.730	F23	5827



**117 Continued ... 117**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C5826</b> STD	3	45.961/1.8095 45.987/1.8105	49.860/1.9630 49.886/1.9640	1.925/.0758	18.54/.730	F23	5828
	4	45.961/1.8095 45.987/1.8105	50.241/1.9780 50.267/1.9790	2.116/.0833	18.54/.730	F23	5746

**118 Engine 171ci (2.8L) V6 OHV 2v VIN Code S,Z Year 01/1974 - 12/1986 Cyl V6 Bore x Stroke 3.66in x 2.71in 118**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B723A</b> STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	<b>MAINS</b> <i>4M860A has integral thrust flanges. Was 5M1658.</i>						
<b>4M860A</b> STD, 010, 020, 030	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A IH
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
	<b>CAMS</b> <i>For 1983-86 engines.</i>						
<b>4C1002BS</b> STD	1	43.905/1.7285 43.920/1.7291	47.025/1.8514 47.060/1.8528	1.535/.0604	19.85/.781	F23	5266
	2	43.525/1.7136 43.540/1.7142	46.645/1.8364 46.680/1.8378	1.535/.0604	17.90/.705	F23	5267
	3	43.145/1.6986 43.160/1.6992	46.265/1.8215 46.300/1.8228	1.535/.0604	17.90/.705	F23	5268
	4	42.765/1.6837 42.780/1.6842	45.885/1.8065 45.920/1.8079	1.535/.0604	15.25/.600	F23	5269
	<b>CAMS</b> <i>For 1974-79 engines.</i>						
<b>4C654S</b> STD	1	41.897/1.6495 41.923/1.6505	45.030/1.7728 45.060/1.7740	1.530/.0602	19.80/.780	F23	5346
	2	41.516/1.6345 41.542/1.6355	44.653/1.7580 44.679/1.7590	1.530/.0602	17.91/.705	F23	5347
	3	41.135/1.6195 41.160/1.6205	44.272/1.7430 44.298/1.7440	1.530/.0602	17.91/.705	F23	5348
	4	40.755/1.6045 40.780/1.6055	43.890/1.7279 43.917/1.7290	1.530/.0602	15.25/.600	F23	5349

**119 Engine 177ci (2.9L) V6 OHV 2v VIN Code T Year 01/1986 - 12/1992 Cyl V6 Bore x Stroke 3.66in x 2.83in 119**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B723A</b> STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	<b>MAINS</b> <i>For truck engines.</i>						
<b>4M2006A</b> STD, 10, 20, 30	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1663A L
	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A U
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH
<b>MAINS</b> <i>4M860A has integral thrust flanges. Was 5M1658.</i>							
<b>4M860A</b> STD, 010, 020, 030	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A IH
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH





**119 Continued ... 119**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b>		<i>For 1983-86 engines.</i>					
<b>4C1002BS</b> STD	1	43.905/1.7285 43.920/1.7291	47.025/1.8514 47.060/1.8528	1.535/.0604	19.85/.781	F23	5266
	2	43.525/1.7136 43.540/1.7142	46.645/1.8364 46.680/1.8378	1.535/.0604	17.90/.705	F23	5267
	3	43.145/1.6986 43.160/1.6992	46.265/1.8215 46.300/1.8228	1.535/.0604	17.90/.705	F23	5268
	4	42.765/1.6837 42.780/1.6842	45.885/1.8065 45.920/1.8079	1.535/.0604	15.25/.600	F23	5269

**120 Engine 1812cc V6 OHV 2v Year 01/1968 - On Cyl V6 Bore x Stroke 80.0mm x 60.1mm 120**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>4M860A has integral thrust flanges. Was 5M1658.</i>					
<b>6B723A</b> STD, 010, 020, 030, 040		53.980/2.1252 54.000/2.1260	56.820/2.2370 56.840/2.2378	1.407/.0554	16.48/.649	F810	1656A IH
	<b>MAINS</b>						
<b>4M860A</b> STD, 010, 020, 030	1,2,4	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	21.59/.850	F810	1657A IH
	3	56.980/2.2433 57.000/2.2441	60.620/2.3866 60.640/2.3874	1.806/.0711	26.29/1.035	F810	1658A(F) IH

**121 Engine 1340cc 109E Inline4 OHV 2v Year 01/1961 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 65.1mm 121**  
**997cc 105E Inline4 OHV 2v Year 01/1960 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 48.4mm**  
**997cc 106E Inline4 OHV 2v Year 01/1960 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 48.4mm**  
**997cc 107E Inline4 OHV 2v Year 01/1960 - 01/1967 Cyl L4 Bore x Stroke 81.0mm x 48.4mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>0.001" extra oil clearance on STD journal.</i>						
<b>4B603A</b> STD, 001, 010, 020		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F810	5216A IH	
	<b>RACE SERIES</b>							
<b>4B603H</b> STD, 001, 010, 020		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.830/.0720	22.35/.880	F781	5216H UL	
	<b>RACE SERIES</b>							
<b>4B603HX</b> STD		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.817/.0715	22.35/.880	F781	5216HX UL	
	<b>CONROD</b>							
<b>4B603P</b> STD, 010, 020, 030, 040, 050,		49.200/1.9370 49.212/1.9375	52.896/2.0825 52.908/2.0830	1.835/.0722	22.35/.880	F780	5216 IH	
	<b>MAINS</b>							
<b>3M2152P</b> STD, 010, 020, 030, 040	1,2,3	53.988/2.1255 54.000/2.1260	57.683/2.2710 57.696/2.2715	1.836/.0723	25.52/1.005	F780	2152 IH	
	<b>THRUST</b>	<i>Same as 1T1135</i>						
<b>1T2152</b> STD, 005		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F250	2152T U	
	<b>CAMS</b>							
<b>3C3300</b> STD	1	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	20.32/.800	F23	3300	
	2	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	17.53/.690	F23	3301	
	3	39.616/1.5597 39.637/1.5605	42.887/1.6885 42.913/1.6895	1.613/.0635	18.67/.735	F23	3302	
	<b>PISTON PIN BUSH</b>							
	<b>RB902</b> STD		20.625/.8120 20.632/.8123	22.327/.8790 22.352/.8800	.980/.0386	26.67/1.050	F100	RB902



122 Engine		Year		Cyl	Bore x Stroke		122	
1198cc 113E Inline4 OHV 2v		01/1961 - 08/1967		L4	3.19in x 2.29in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>3M2152P</b> STD, 010, 020, 030, 040	MAINS 1,2,3	53.988/2.1255	57.683/2.2710	1.836/.0723	25.52/1.005	F780	2152 IH	
		54.000/2.1260	57.696/2.2715					
<b>1T2152</b> STD, 005	THRUST	Same as 1T1135		59.436/2.3400	74.498/2.9330	2.36/.093	F250	2152T U
		59.690/2.3500						
<b>3C3300</b> STD	CAMS 1	39.616/1.5597	42.887/1.6885	1.613/.0635	20.32/.800	F23	3300	
		39.637/1.5605	42.913/1.6895					
		39.616/1.5597	42.887/1.6885					
		39.637/1.5605	42.913/1.6895					
	2	39.616/1.5597	42.887/1.6885	1.613/.0635	17.53/.690	F23	3301	
		39.637/1.5605	42.913/1.6895					
		39.616/1.5597	42.887/1.6885					
		39.637/1.5605	42.913/1.6895					
<b>RB902</b> STD	PISTON PIN BUSH	20.625/.8120	22.327/.8790	.980/.0386	26.67/1.050	F100	RB902	
		20.632/.8123	22.352/.8800					

123 Engine		Year		Cyl	Bore x Stroke		123
445ci (7.3L) Power Stroke V8 OHC 2v T/Diesel		01/1994 - 05/2003		V8	104.4mm x 106.2mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B1633P</b> STD, 10, 20, 30, 40	CONROD	63.449/2.4980	68.339/2.6905	2.418/.0952	24.55/.967	F780	5246 IH
		63.475/2.4990	68.364/2.6915				
<b>5M1596A</b> STD, 010, 020, 030	MAINS 1,2,4,5	79.319/3.1228	84.206/3.3152	2.410/.0949	22.20/.874	F810	2934A UL
		79.339/3.1236	84.231/3.3162				
		79.319/3.1228	84.206/3.3152				
		79.339/3.1236	84.231/3.3162				
<b>5M2034P</b> STD, 010, 020, 030, 040	MAINS 1,2,4,5	79.319/3.1228	84.206/3.3152	2.410/.0949	23.70/.933	F780	5247 UL
		79.339/3.1236	84.231/3.3162				
		79.319/3.1228	84.206/3.3152				
		79.339/3.1236	84.231/3.3162				
<b>5C1092S</b> STD	CAMS 1	53.315/2.0990	56.655/2.2305	1.640/.0646	20.07/.790	F23	5262
		53.340/2.1000	56.693/2.2320				
		53.315/2.0990	56.655/2.2305				
		53.340/2.1000	56.693/2.2320				
	2,3,4,5	53.315/2.0990	56.655/2.2305	1.640/.0646	16.64/.655	F23	5263
		53.340/2.1000	56.693/2.2320				

124 Engine		Year		Cyl	Bore x Stroke		124
1998cc Duratorq ZSD-420 Inline4 DOHC 4v Turbo Diesel		08/2000 - On		L4	86.0mm x 86.0mm		
<i>Engine Codes ABFA, AZBA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC, LPBA, N7BA, N7BB, SDBA.</i>							
2402cc Duratorq ZSD-424 Inline4 DOHC 4v Turbo Diesel		01/2000 - 05/2006		L4			
<i>Engine Codes D2FA, D2FB, D2FE, D4FA, DOFA, F4FA</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2260A</b> STD, .25	CONROD	52.980/2.0858	55.996/2.2046	1.487/.0585	25.10/.988	F810	2260A IH
		53.000/2.0866	56.016/2.2053				
<b>4B2260P</b> STD, .25	CONROD	Upper F780, Lower F810.		1.487/.0585	25.10/.988	F780	2260 U
		52.980/2.0858	55.996/2.2046				
		53.000/2.0866	56.016/2.2053				
		52.980/2.0858	55.996/2.2046				
	MAINS	53.000/2.0866	56.016/2.2053	1.487/.0585	25.10/.988	F810	2260A L
		64.940/2.5567					
		2.250/.0886					
		24.15/.951					
<b>5M2276A</b> STD, .25, .50						F810	2277A U

124 Continued ...							124
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2276A</b> STD, .25, .50		64.940/2.5567		2.250/.0886	23.30/.917	F810	2278A L
		64.940/2.5567		2.250/.0886	30.15/1.187	F810	2279A(F) U
		69.940/2.7535		2.250/.0886	19.58/.771	F810	2276A UL

125 Engine	Year	Cyl	Bore x Stroke	125
1596cc Duratec (Zetec-SE) Inline4 DOHC 4v <i>Engine Codes FYDA, FYDB, FYDC, FYDD, FYDH, FYJA, FYJB, HXDA</i>	02/2004 - 01/2006	L4	79.0mm x 81.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7267A</b> STD, .25		43.985/1.7317	47.035/1.8518	1.516/.0597	15.27/.601	F810	7267A IH
		44.000/1.7323	47.045/1.8522				
<b>MAINS</b>							
<i>Standard flange length 23.75mm on all undersizes. See 5M7253A for overwidth flange version.</i>							
<b>5M7250A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7251A L
		48.001/1.8898	54.039/2.1275				
	1,2,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7250A U
		48.001/1.8898	54.039/2.1275				
	3	47.981/1.8890	54.021/2.1268	3.012/.1186	23.88/.940	F810	7252A(F) U
		48.001/1.8898	54.039/2.1275				
<b>MAINS</b>							
<i>Alternative set to 5M7250A with oversize flange length 23.92mm on all undersizes.</i>							
<b>5M7253A</b> .25, .50, .75, 1.00	1,2,3,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7251A L
		48.001/1.8898	54.039/2.1275				
	1,2,4,5	47.981/1.8890	54.021/2.1268	3.012/.1186	16.10/.634	F810	7250A U
		48.001/1.8898	54.039/2.1275				
	3	47.981/1.8890	54.021/2.1268	3.012/.1186	23.92/.942	F810	7253A(F) U
		48.001/1.8898	54.039/2.1275				





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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1.0L S-TEC (Chev) Inline4 SOHC 2v	01/2002 - On	L4	995	60	29
85ci (1.4L) LX3 (Chev) Inline4 OHV	01/1976 - 12/1977	L4	1392	85	5
98ci (1.6L) (Chev) Inline4 OHV	01/1976 - 12/1987	L4	1605	98	5
110ci (1.8L) (Pontiac) Inline4 SOHC 2v	01/1982 - 12/1986	L4	1796	109	28
110ci (1.8L) (Pontiac) Inline4 SOHC 2v Turbo	01/1984 - 12/1986	L4	1796	109	28
112ci (1.8L) (Chev) Inline4 OHV 2v	01/1982 - 12/1982	L4	1835	112	6
116ci (1.9L) (Saturn) Inline4 DOHC 4v	01/1991 - 12/2002	L4	1900	116	37
116ci (1.9L) (Saturn) Inline4 SOHC 2v	01/1991 - 12/2002	L4	1900	116	37
122ci (2.0L) XK620 E-TEC (Daewoo) Inline6 DOHC 4v	01/2005 - On	L6	1993	121	33
122ci (2.0L) (Pontiac) Inline4 SOHC 2v	01/1987 - 12/1994	L4	1998	121	28
122ci (2.0L) (Pontiac) Inline4 SOHC 2v Turbo	01/1987 - 12/1990	L4	1998	121	28
122ci (2.0L) (Chev) Inline4 DOHC	01/1975 - 12/1976	L4	1999	122	8
122ci (2.0L) (Chev) Inline4 OHV 2v	01/1983 - 12/1986	L4	1999	122	56
122ci (2.0L) (Chev) Inline4 OHV 2v	01/1987 - 12/1989	L4	1999	122	7
122ci (2.0L) LSJ Ecotec (Chev) I4 DOHC 4v S/C	01/2004 - On	L4	1999	122	9
134ci (2.2L) LN2, L43 Vortec (Chev) Inline4 OHV 2v	01/1994 - 12/2003	L4	2195	134	36
134ci (2.2L) LN2, LM3 (Chev) Inline4 OHV 2v	01/1990 - 12/2002	L4	2195	134	36
134ci (2.2L) L61 Ecotec (Chev) Inline4 DOHC 4v	01/2000 - On	L4	2196	134	9
138ci (2.3L) Quad 4 (Olds) Inline4 DOHC 4v	01/1987 - 12/1995	L4	2261	138	35
138ci (2.3L) Quad 4 (Olds) Inline4 SOHC 2v	01/1992 - 12/1994	L4	2261	138	35
140ci (2.3L) (Chev) Inline4 SOHC 2v	01/1971 - 12/1976	L4	2294	140	8
146ci (2.4L) LD9 (Olds) Inline4 DOHC 4v	01/1996 - 12/2002	L4	2392	146	34
146ci (2.4L) LE5 Ecotec (Chev) Inline4 DOHC 4v	01/2006 - On	L4	2400	146	9
151ci (2.5L) (Pontiac) Inline4 2v	01/1977 - 12/1993	L4	2474	151	25
152ci (2.5L) XK625 E-TEC (Daewoo) Inline6 DOHC 4v	01/2005 - On	L6	2492	152	33
153ci (2.5L) (Chev) Inline4 OHV 2v	01/1962 - 12/1970	L4	2507	153	48
169ci (2.8L) LK5 (Chev) Inline4 DOHC 4v	01/2004 - 12/2006	L4	2770	169	10
170ci (2.8L) LAU (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2010 - 12/2011	V6	2792	170	21
170ci (2.8L) LP1 (HFV6) (Cadi) V6 DOHC 4v	01/2005 - 12/2007	V6	2792	170	21
170ci (2.8L) LP9 (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2006 - 12/2009	V6	2792	170	21
173ci (2.8L) (Chev) V6 OHV 2v	01/1980 - 12/1993	V6	2834	173	49
178ci (2.9L) LLV (Chev) Inline4 DOHC 4v	01/2007 - 12/2012	L4	2921	178	10
181ci (3.0L) (Buick) V6 OHV 2v	01/1982 - 12/1988	V6	2966	181	1
183ci (3.0L) LF1 (HFV6) (Cadi) V6 DOHC 4v	01/2010 - On	V6	2997	182	21
183ci (3.0L) LF1 (HFV6) (Chev) V6 DOHC 4v	01/2010 - On	V6	2997	182	21
189ci (3.1L) (Chev) V6 OHV 2v	01/1993 - 12/1999	V6	3097	189	23
189ci (3.1L) (Chev) V6 OHV 2v	01/1988 - 12/2005	V6	3097	189	11
194ci (3.2L) (Chev) Inline6 OHV 2v	01/1962 - 12/1967	L6	3179	194	26
196ci (3.2L) (Buick) V6 OHV 2v	01/1978 - 12/1979	V6	3211	196	41
198ci (3.2L) (Buick) V6 OHV 2v	01/1962 - 12/1963	V6	3244	198	40
200ci (3.3L) (Chev) V6 OHV 2v	01/1978 - 12/1979	V6	3277	200	50
204ci (3.3L) (Buick) V6 OHV 2v	01/1989 - 12/1993	V6	3342	204	42
207ci (3.4L) (Chev) V6 DOHC 4v	01/1991 - 12/1997	V6	3392	207	12
207ci (3.4L) (Chev) V6 OHV 2v	01/1993 - 12/2005	V6	3392	207	11
211ci (3.5L) L52 (Chev) Inline5 DOHC 4v	01/2004 - 12/2006	L5	3457	211	24
213ci (3.5L) LX9 (Chev) V6 OHV 2v	01/2004 - 12/2008	V6	3498	213	31
214ci (3.5L) LZ4 (Chev) V6 OHV 2v	01/2006 - 12/2009	V6	3510	214	32
215ci (3.5L) (Buick) V8 OHV 2v	01/1961 - 12/1963	V8	3523	215	43
215ci (3.5L) (Pontiac) Inline6 OHV 2v	01/1964 - 12/1965	L6	3523	215	26
217ci (3.6L) LFX (HFV6) (Cadi) V6 DOHC 4v	01/2012 - On	V6	3564	217	21
217ci (3.6L) LFX (HFV6) (Chev) V6 DOHC 4v	01/2012 - On	V6	3564	217	21
217ci (3.6L) LLT (HFV6) (Cadi) V6 DOHC 4v	01/2008 - On	V6	3564	217	21
217ci (3.6L) LLT (HFV6) (Chev) V6 DOHC 4v	01/2009 - On	V6	3564	217	21
217ci (3.6L) LY7 (HFV6) (Cadi) V6 DOHC 4v	01/2004 - 12/2009	V6	3564	217	21
217ci (3.6L) LY7 (HFV6) (Chev) V6 DOHC 4v	01/2008 - On	V6	3564	217	21
223ci (3.7L) LLR (Chev) Inline5 DOHC 4v	01/2007 - 12/2012	L5	3653	222	24
225ci (3.7L) (Buick) V6 OHV 2v	01/1964 - 01/1967	V6	3687	225	44
229ci (3.8L) (Chev) V6 OHV 2v	01/1980 - 12/1984	V6	3752	229	50



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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
230ci (3.8L) (Chev) Inline6 OHV 2v	01/1963 - 12/1970	L6	3769	230	26
231ci (3.8L) (Buick) V6 OHV 2v Even Fire	01/1977 - 12/1987	V6	3785	231	1
231ci (3.8L) (Buick) V6 OHV 2v Odd Fire	01/1975 - 12/1977	V6	3785	231	2
231ci (3.8L) (Buick) V6 OHV 2v Supercharged	01/1992 - 12/2005	V6	3785	231	30
231ci (3.8L) (Buick) V6 OHV 2v Turbo	01/1978 - 12/1987	V6	3785	231	1
231ci (3.8L) MPI/TPI (Buick) V6 OHV 2v	01/1988 - 12/2005	V6	3785	231	3
237ci (3.9L) LZ9 (Chev) V6 OHV 2v	01/2006 - 12/2009	V6	3880	236	32
244ci (4.0L) L47 (Olds) V8 DOHC 4v	01/1995 - 12/2003	V8	3995	243	38
250ci (4.1L) (Chev) Inline6 OHV 2v	01/1964 - 12/1984	L6	4096	250	52
252ci (4.1L) (Buick) V6 OHV 2v	01/1980 - 12/1984	V6	4129	252	41
256ci (4.2L) LL8 Vortec (Chev) Inline6 DOHC 4v	01/2002 - 12/2009	L6	4162	254	13
260ci (4.3L) (Olds) V8 OHV 2v	01/1975 - 12/1985	V8	4260	260	59
260ci (4.3L) (Olds) V8 OHV 2v Diesel	01/1982 - 12/1985	V8	4260	260	60
262ci (4.3L) (Chev) V6 OHV 2v	01/1985 - 12/1996	V6	4293	262	22
262ci (4.3L) (Chev) V6 OHV 2v Turbo	01/1991 - 12/1993	V6	4293	262	22
262ci (4.3L) (Chev) V8 OHV 2v	01/1975 - 12/1976	V8	4293	262	14
262ci (4.3L) Vortec (Chev) V6 OHV 2v	01/1992 - 12/2010	V6	4293	262	22
265ci (4.3L) (Chev) V8 OHV 2v	01/1955 - 12/1957	V8	4342	265	53
265ci (4.3L) (Pontiac) V8 OHV 2v	01/1980 - 12/1981	V8	4342	265	27
265ci (4.3L) L99 (Chev) V8 OHV 2v	01/1994 - 12/1996	V8	4342	265	14
267ci (4.4L) (Chev) V8 OHV 2v	01/1979 - 12/1982	V8	4375	267	14
281ci (4.6L) (Northstar) V8 DOHC 4v	01/1993 - 12/2010	V8	4600	280	38
283ci (4.6L) (Chev) V8 OHV 2v	01/1955 - 12/1969	V8	4637	283	54
292ci (4.8L) (Chev) Inline6 OHV 2v	01/1963 - 12/1989	L6	4785	292	55
294ci (4.8L) LR4 Vortec (Chev) V8 OHV 2v	01/1999 - 12/2006	V8	4817	294	15
294ci (4.8L) LY2 Vortec (Chev) V8 OHV 2v	01/2007 - 12/2009	V8	4817	294	17
300ci (4.9L) (Buick) V8 OHV 2v	01/1964 - 12/1967	V8	4916	300	39
301ci (4.9L) (Pontiac) V8 OHV 2v	01/1977 - 12/1981	V8	4932	301	27
301ci (4.9L) (Pontiac) V8 OHV 2v Turbo	01/1980 - 12/1981	V8	4932	301	27
302ci (5.0L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1968	V8	4948	302	14
302ci (5.0L) Small Pin (Chev) V8 OHV 2v	01/1967 - 12/1967	V8	4948	302	16
305ci (5.0L) V8 (Chev) OHV 2v	01/1977 - 12/2002	V8	4998	305	14
307ci (5.0L) (Olds) V8 OHV 2v	01/1980 - 12/1990	V8	5030	307	61
307ci (5.0L) V8 (Chev) OHV 2v	01/1968 - 12/1973	V8	5030	307	14
325ci (5.3L) Vortec (Chev) V8 OHV 2v	01/1999 - 12/2010	V8	5325	325	15
326ci (5.3L) (Pontiac) V8 OHV 2v	01/1963 - 12/1967	V8	5342	326	57
327ci (5.4L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1969	V8	5358	327	14
327ci (5.4L) Small Pin (Chev) V8 OHV 2v	01/1962 - 05/1969	V8	5358	327	54
330ci (5.4L) (Olds) V8 OHV 2v	01/1964 - 12/1967	V8	5407	330	62
340ci (5.6L) (Buick) V8 OHV 2v	01/1964 - 01/1967	V8	5571	340	45
346ci (5.7L) LS1 (Chev) V8 OHV 2v	01/1997 - 12/2005	V8	5665	345	15
346ci (5.7L) LS6 (Chev) V8 OHV 2v	01/2001 - 12/2005	V8	5665	345	15
350ci (5.7L) (Buick) V8 OHV 2v	01/1968 - 12/1981	V8	5735	350	4
350ci (5.7L) (Chev) V8 OHV 2v	01/1967 - 12/2002	V8	5735	350	14
350ci (5.7L) (Olds) V8 OHV 2v	01/1964 - 12/1986	V8	5735	350	59
350ci (5.7L) (Olds) V8 OHV 2v Diesel	01/1978 - 12/1985	V8	5735	350	60
350ci (5.7L) (Pontiac) V8 OHV 2v	01/1968 - 12/1979	V8	5735	350	57
350ci (5.7L) Vortec (Chev) V8 OHV 2v	01/1995 - 12/2003	V8	5739	350	14
364ci (6.0L) LFA Vortec Hybrid (Chev) V8 OHV 2v	01/2008 - On	V8	5964	364	17
364ci (6.0L) LS2 (Chev) V8 OHV 2v	01/2005 - 12/2009	V8	5967	364	17
366ci (6.0L) Big Block (Chev) V8 OHV 2v	01/1966 - 12/1967	V8	5997	366	47
364ci (6.0L) Vortec (Chev) V8 OHV 2v	01/1999 - 12/2009	V8	6000	366	15
376ci (6.2L) L99 (Chev) V8 OHV 2v	01/2010 - On	V8	6161	376	17
376ci (6.2L) LS3 (Chev) V8 OHV 2v	01/2008 - On	V8	6161	376	17
376ci (6.2L) LS9 (Chev) V8 OHV 2v S/Charged	01/2009 - On	V8	6161	376	19
376ci (6.2L) LSA (Chev) V8 OHV 2v S/Charged	01/2009 - On	V8	6161	376	19
376ci (6.2L) Vortec (Chev) V8 OHV 2v	01/2007 - On	V8	6200	378	17
379ci (6.2L) (Chev) V8 OHV 2v Diesel	01/1982 - 12/1993	V8	6211	379	18



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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
389ci (6.4L) (Pontiac) V8 OHV 2v	01/1959 - 12/1966	V8	6374	389	57
395ci (6.5L) (Chev) V8 OHV 2v Diesel	01/1994 - 12/1999	V8	6472	395	18
395ci (6.5L) (Chev) V8 OHV 2v Turbo Diesel	01/1992 - 02/2002	V8	6472	395	18
396ci (6.5L) Big Block (Chev) V8 OHV 2v	01/1964 - 12/1971	V8	6489	396	47
400ci (6.6L) (Olds) V8 OHV 2v	01/1965 - 12/1969	V8	6554	400	63
400ci (6.6L) (Pontiac) V8 OHV 2v	01/1967 - 12/1979	V8	6554	400	57
400ci (6.6L) Small Block (Chev) V8 OHV 2v	01/1970 - 12/1980	V8	6554	400	51
402ci (6.6L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/1972	V8	6587	402	46
403ci (6.6L) (Olds) V8 OHV 2v	01/1977 - 12/1979	V8	6604	403	64
421ci (6.9L) (Pontiac) V8 OHV 2v	01/1961 - 12/1966	V8	6898	421	58
425ci (7.0L) (Olds) V8 OHV 2v	01/1965 - 12/1967	V8	6964	425	63
427ci (7.0L) Big Block (Chev) V8 OHV 2v	01/1966 - 12/1969	V8	6997	427	47
427ci (7.0L) LS7 (Chev) V8 OHV 2v	01/2006 - 12/2010	V8	7011	427	19
428ci (7.0L) (Pontiac) V8 OHV 2v	01/1967 - 12/1969	V8	7013	428	58
454ci (7.4L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/2000	V8	7439	454	46
455ci (7.5L) (Olds) V8 OHV 2v	01/1968 - 12/1976	V8	7456	455	63
455ci (7.5L) (Pontiac) V8 OHV 2v	01/1970 - 12/1976	V8	7456	455	58
496ci (8.1L) Gen IV Vortec V8 OHV 2v	01/2001 - 12/2007	V8	8128	496	20



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1	Engine	Year	Cyl	Bore x Stroke	1
	181ci (3.0L) (Buick) V6 OHV 2v <i>VIN Codes E,L</i>	01/1982 - 12/1988	V6	3.80in x 2.66in	
	231ci (3.8L) (Buick) V6 OHV 2v Even Fire <i>VIN Code A</i>	01/1977 - 12/1987	V6	3.80in x 3.40in	
	231ci (3.8L) (Buick) V6 OHV 2v Turbo <i>VIN Codes 3,7,8,9,G</i>	01/1978 - 12/1987	V6	3.80in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> = 6B1228A								
<b>6B2360A</b> STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F810	2360A	
		57.147/2.2499	60.312/2.3745				IH	
<b>CONROD</b> 16.74mm Wide, VN Series 1. Same as 6B1228P.								
<b>6B2360P</b> STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F780	2360	
		57.147/2.2499	60.312/2.3745				IH	
<b>MAINS</b> STD width flanges on all undersizes.								
<b>4M960A</b> STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A	
		63.500/2.5000	68.275/2.6880				UL	
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F)	
		63.500/2.5000	68.275/2.6880				UL	
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A	
		63.500/2.5000	68.275/2.6880				L	
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A	
		63.500/2.5000	68.275/2.6880				U	
	<b>CAMS</b> Alternative to 4C10315, with grooved OD on #1 bush. For engines with 14 bolt oil pan.							
	<b>4C1031BS</b> STD	1	45.339/1.7850	48.654/1.9155	41.402/1.6300	19.18/.755	F23	5103
45.364/1.7860			48.705/1.9175					
2,3,4		45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					
<b>CAMS</b> For engines with 14 bolt oil pan.								
<b>4C1031S</b> STD	2,3,4	45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					
<b>CAMS</b> For engines with 20 bolt oil pan.								
<b>4C1246S</b> STD	1,4	45.339/1.7850	49.162/1.9355	1.890/.0744	19.18/.755	F23	5102	
		45.364/1.7860	49.213/1.9375					
	2,3	45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					

2	Engine	Year	Cyl	Bore x Stroke	2
	231ci (3.8L) (Buick) V6 OHV 2v Odd Fire <i>VIN Code C</i>	01/1975 - 12/1977	V6	3.80in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> 18.84mm wide.								
<b>6B610A</b> STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A	
		50.813/2.0005	53.980/2.1252				IH	
<b>MAINS</b> STD width flanges on all undersizes.								
<b>4M960A</b> STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A	
		63.500/2.5000	68.275/2.6880				UL	
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F)	
		63.500/2.5000	68.275/2.6880				UL	
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A	
		63.500/2.5000	68.275/2.6880				U	
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A	
		63.500/2.5000	68.275/2.6880				L	
	<b>CAMS</b> Alternative to 4C10315, with grooved OD on #1 bush. For engines with 14 bolt oil pan.							
	<b>4C1031BS</b> STD	1	45.339/1.7850	48.654/1.9155	41.402/1.6300	19.18/.755	F23	5103
45.364/1.7860			48.705/1.9175					
2,3,4		45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104	
		45.364/1.7860	48.705/1.9175					



# General Motors

2 Continued ...								2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CAMS</b> <i>For engines with 14 bolt oil pan.</i>								
<b>4C1031S</b> STD	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104	
3 Engine								3
231ci (3.8L) MPI/TPI (Buick) V6 OHV 2v <i>VIN Codes C,K,L</i>				Year	Cyl	Bore x Stroke		
				01/1988 - 12/2005	V6	3.80in x 3.40in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>CONROD</b> <i>For Type K,L engines, and 1991 Type C engines.</i>								
<b>6B2306H</b> STD, 001, 010, 020		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH	
<b>RACE SERIES</b> <b>CONROD</b> <i>For Type K,L engines, and 1991 Type C engines. 0.001" extra oil clearance on STD journal.</i>								
<b>6B2306HX</b> STD		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.555/.0612	18.30/.720	F781	2306HX IH	
<b>CONROD</b> <i>For Type K,L engines, and 1991 Type C engines. 18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>								
<b>6B2306P</b> STD, 010, 020, 030, 040		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.720	F780	2306 IH	
<b>CONROD</b> <i>For Type C engines only. = 6B1228A</i>								
<b>6B2360A</b> STD, 001, 010, 020, 030, 040		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F810	2360A IH	
<b>CONROD</b> <i>For Type C engines only. 16.74mm Wide, VN Series 1. Same as 6B1228P.</i>								
<b>6B2360P</b> STD, 001, 010, 020, 030, 040		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F780	2360 IH	
<b>MAINS</b> <i>For engines 1995 on.</i>								
<b>4M2022A</b> STD, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2299A L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L	
<b>MAINS</b> <i>For 1990-1993 Type L engines, and 1991 Type C engines only. = 4M1822A. Suits VN Series 2 and VP.</i>								
<b>4M2302A</b> STD, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2305A L	
<b>MAINS</b> <i>For type 1994 L engines only. Was 4M2021A. Suits VR.</i>								
<b>4M2309A</b> STD, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L	
<b>MAINS</b> <i>For Type C engines only. STD width flanges on all undersizes.</i>								
<b>4M960A</b> STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9015A UL	
	2	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	26.87/1.058	F810	9017A(F) UL	



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3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M960A</b> STD, 001, 010, 020, 030, 040	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9016A L
	4	63.470/2.4988 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9019A U
<b>4C1246S</b> STD	<b>CAMS</b>		<i>For engines with 20 bolt oil pan.</i>				
	1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.890/.0744	19.18/.755	F23	5102
	2,3	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104
<b>4C1812S</b> STD	<b>CAMS</b>						
	1,4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.711/1.9965	1.882/.0741	18.92/.745	F23	5336
	2,3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.228/1.9775	1.628/.0641	16.00/.630	F23	5337
<b>RB4106</b> UNB	<b>PISTON PIN BUSH</b>		<i>Semi-finished</i>				
		21.995/.8659 22.000/.8661	24.562/.9670 24.562/.9670	1.500/.0591	21.20/.835	F100	RB4106
<b>RB4106-R</b> UNB	<b>PISTON PIN BUSH</b>		<i>Has reaming allowance.</i>				
		21.995/.8659 22.000/.8661	24.562/.9670 24.562/.9670	1.360/.0535	21.20/.835	F100	RB4106-R

4 Engine				Year	Cyl	Bore x Stroke	4
350ci (5.7L) (Buick) V8 OHV 2v <i>VIN Codes B,H,I,X</i>				01/1968 - 12/1981	V8	3.80in x 3.85in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B610A</b> STD, 010, 020, 030, 040	<b>CONROD</b>		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/.0618	18.84/.742	F810 2226A IH
	<b>MAINS</b>						
<b>5M1457A</b> STD, 010, 020, 030	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7134A UL
	3	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	26.87/1.058	F810	7135A(F) UL
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7137A UL
	<b>CAMS</b>						
<b>5C680S</b> STD	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	19.18/.755	F23	5316
	2,3,4,5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5317

5 Engine				Year	Cyl	Bore x Stroke	5
85ci (1.4L) LX3 (Chev) Inline4 OHV <i>VIN Code I</i>				01/1976 - 12/1977	L4	82.0mm x 66.0mm	
98ci (1.6L) (Chev) Inline4 OHV <i>VIN Codes O,9,C,E,I</i>				01/1976 - 12/1987	L4	82.0mm x 76.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1216A</b> STD, 010, 020, 030	<b>CONROD</b>		45.959/1.8094 45.984/1.8104	49.000/1.9291 49.012/1.9296	1.500/.0591	19.05/.750	F810 1216A IH
	<b>MAINS</b>						
<b>5M1424A</b> STD, 010, 020, 030	1,2,3,4	50.998/2.0078 51.024/2.0088	54.986/2.1648 55.011/2.1658	1.970/.0776	17.98/.708	F810	1424A IH
	5	50.988/2.0074 51.013/2.0084	54.986/2.1648 55.011/2.1658	1.980/.0780	23.90/.941	F810	1425A(F) IH



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5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1429A</b> STD, 010, 020, 030	<b>MAINS</b>	<i>Special for Brazil. Flange width 0.8mm oversize.</i>					
	1,2,3,4	50.998/2.0078 51.024/2.0088	54.986/2.1648 55.011/2.1658	1.970/.0776	17.98/.708	F810	1424A IH
	5	50.988/2.0074 51.013/2.0084	54.986/2.1648 55.011/2.1658	1.980/.0780	25.00/.984	F810	1429A(F) IH

6 Engine			Year	Cyl	Bore x Stroke	6
112ci (1.8L) (Chev) Inline4 OHV 2v VIN Code G			01/1982 - 12/1982	L4	89.0mm x 74.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B745A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
	<b>MAINS</b>						
<b>5M1524A</b> STD, .25, .50, .75	1,2,3	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	18.72/.737	F810	7123A IH
	4	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	23.93/.942	F810	7162A(F) IH
	5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	20.95/.825	F810	7125A UL
	<b>CAMS</b>						
<b>5C1195S</b> STD	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/.0693	16.00/.630	F23	7197
	2,5	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/.0642	16.13/.635	F23	7198
	3,4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	16.000/.6299	16.00/.630	F23	7199

7 Engine			Year	Cyl	Bore x Stroke	7
122ci (2.0L) (Chev) Inline4 OHV 2v VIN Code 1			01/1987 - 12/1989	L4	3.50in x 3.15in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B745A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
	<b>MAINS</b>						
<b>5M7124A</b> STD, .25, .50, .75, 1.0	1,2,3,5	63.360/2.4945 63.383/2.4954	68.250/2.6870 68.273/2.6879	2.423/.0954	18.72/.737	F810	7123A IH
	4	63.358/2.4944 63.383/2.4954	68.250/2.6870 68.275/2.6880	2.423/.0954	23.93/.942	F810	7124A(F) IH
	<b>CAMS</b>						
<b>5C1195S</b> STD	1	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	1.760/.0693	16.00/.630	F23	7197
	2,5	47.440/1.8677 47.490/1.8697	50.775/1.9990 50.825/2.0010	1.630/.0642	16.13/.635	F23	7198
	3,4	47.440/1.8677 47.490/1.8697	51.029/2.0090 51.079/2.0110	16.000/.6299	16.00/.630	F23	7199

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8	Engine	Year	Cyl	Bore x Stroke	8
	122ci (2.0L) (Chev) Inline4 DOHC VIN Code E,O	01/1975 - 12/1976	L4	3.50in x 3.16in	
	140ci (2.3L) (Chev) Inline4 SOHC 2v VIN Code A,B	01/1971 - 12/1976	L4	3.50in x .14in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B745A</b> STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
<b>MAINS</b>							
<b>5M1050A</b> STD, 010, 020	1,2,3	58.377/2.2983	63.261/2.4906	2.426/.0955	20.50/.807	F810	7243A
		58.402/2.2993	63.287/2.4916				UL
	4	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7244A(F)
		58.402/2.2993	63.287/2.4916				UL
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	22.88/.901	F810	7245A
		58.402/2.2993	63.287/2.4916				UL
<b>CAMS</b>							
<b>5C716S</b> STD	1	57.942/2.2812	61.265/2.4120	1.633/.0643	17.40/.685	F23	5326
		57.968/2.2822	61.290/2.4130				
	2,3,4,5	57.942/2.2812	61.265/2.4120	1.633/.0643	17.40/.685	F23	5327
		57.968/2.2822	61.290/2.4130				

9	Engine	Year	Cyl	Bore x Stroke	9
	122ci (2.0L) LSJ Ecotec (Chev) I4 DOHC 4v S/C	01/2004 - On	L4	86.0mm x 86.0mm	
	134ci (2.2L) L61 Ecotec (Chev) Inline4 DOHC 4v	01/2000 - On	L4	86.0mm x 94.6mm	
	146ci (2.4L) LE5 Ecotec (Chev) Inline4 DOHC 4v	01/2006 - On	L4	88.0mm x 98.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2296A</b> STD, 25, 50, 75		49.000/1.9291	52.118/2.0519	1.542/.0607	20.30/.799	F810	2296A
		49.014/1.9297	52.134/2.0525				IH
<b>MAINS</b>							
<b>5M2232A</b> STD, 10, 20	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/.1589	19.79/.779	F810	7320A
		56.007/2.2050	64.081/2.5229				UL
	2	55.991/2.2044	64.066/2.5223	4.041/.1591	25.88/1.019	F810	7321A(F)
		56.007/2.2050	64.081/2.5229				UL
<b>BALANCE</b>							
<b>1B52002S</b> STD	Rear	36.720/1.4457	40.762/1.6048	2.004/.0789	26.00/1.024	F23	7345
		36.741/1.4465	40.775/1.6053				

10	Engine	Year	Cyl	Bore x Stroke	10
	169ci (2.8L) LK5 (Chev) Inline4 DOHC 4v	01/2004 - 12/2006	L4	93.0mm x 102.0mm	
	178ci (2.9L) LLV (Chev) Inline4 DOHC 4v	01/2007 - 12/2012	L4	95.5mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2290A</b> STD, 25, 50, 75, 1.00		56.691/2.2319	60.322/2.3749	1.802/.0709	20.75/.817	F810	2290A
		56.707/2.2326	60.338/2.3755				IH
<b>MAINS</b>							
<b>5M2224A</b> STD, 010, 020	1,2,4,5	69.967/2.7546	78.069/3.0736	4.044/.1592	20.68/.814	F810	7308A
		69.982/2.7552	78.087/3.0743				UL
	3	69.967/2.7546	78.069/3.0736	4.044/.1592	25.35/.998	F810	7309A(F)
		69.982/2.7552	78.087/3.0743				UL
<b>CAMS</b>							
<b>4C7300</b> STD	L Centre		48.136/1.8951		22.20/.874	F23	7300
			48.156/1.8959				
	L Front		47.417/1.8668		22.20/.874	F23	7301
			47.434/1.8675				
	R Centre		41.272/1.6249		22.20/.874	F23	7302
			41.293/1.6257				





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**10 Continued ... 10**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C7300</b> STD	R Front		40.551/1.5965 40.571/1.5973		22.20/.874	F23	7303
<b>PISTON PIN BUSH</b> <i>Was AB3664.</i>							
<b>RB3664</b> UNB		22.997/.9054 23.000/.9055		1.372/.0540	23.75/.935	F100	RB3664

**11 Engine Year Cyl Bore x Stroke 11**

189ci (3.1L) (Chev) V6 OHV 2v <i>VIN Code D,J,T</i>	01/1988 - 12/2005	V6		
207ci (3.4L) (Chev) V6 OHV 2v <i>VIN Code E,S</i>	01/1993 - 12/2005	V6	92.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>6B1238A</b> STD, 01, 10, 20, 30, 40		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.575/.0620	18.29/.720	F810	7116A IH
<b>MAINS</b> <i>For engines 1985 on with 67.2mm large journal design.</i>							
<b>4M2037A</b> STD, .25, .50, .75, 1.00		67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F) UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A UL
	67.264/2.6482	72.174/2.8415					
<b>CAMS</b>							
<b>4C1102S</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207
		47.490/1.8697	51.079/2.0110				
	2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
		47.490/1.8697	50.825/2.0010				
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				
<b>CAMS</b> <i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 &amp; #3 bushes.</i>							
<b>4C1102SW</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110				
	2,3	47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208
		47.490/1.8697	51.079/2.0110				
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				

**12 Engine Year Cyl Bore x Stroke 12**

207ci (3.4L) (Chev) V6 DOHC 4v <i>VIN Code X</i>	01/1991 - 12/1997	V6	92.0mm x 84.0mm	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>6B1238A</b> STD, 01, 10, 20, 30, 40		50.759/1.9984 50.785/1.9994	53.962/2.1245 53.988/2.1255	1.575/.0620	18.29/.720	F810	7116A IH
<b>MAINS</b> <i>For engines 1985 on with 67.2mm large journal design.</i>							
<b>4M2037A</b> STD, .25, .50, .75, 1.00		67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F) UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A UL
		67.264/2.6482	72.174/2.8415				
		67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A UL
	67.264/2.6482	72.174/2.8415					



# General Motors



13	Engine	Year	Cyl	Bore x Stroke	13
	256ci (4.2L) LL8 Vortec (Chev) Inline6 DOHC 4v	01/2002 - 12/2009	L6	93.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2290A</b> STD, .25, .50, .75, 1.00		56.691/2.2319	60.322/2.3749	1.802/.0709	20.75/.817	F810	2290A
		56.707/2.2326	60.338/2.3755				IH
<b>MAINS</b>							
<b>7M2224A</b> STD, 010, 020	1,2,3,4,6,7	69.967/2.7546	78.069/3.0736	4.044/.1592	20.68/.814	F810	7308A
		69.982/2.7552	78.087/3.0743				UL
	5	69.967/2.7546	78.069/3.0736	4.044/.1592	25.35/.998	F810	7309A(F)
		69.982/2.7552	78.087/3.0743				UL
<b>PISTON PIN BUSH</b> <i>Was AB3664.</i>							
<b>RB3664</b> UNB		22.997/.9054 23.000/.9055		1.372/.0540	23.75/.935	F100	RB3664

14	Engine	Year	Cyl	Bore x Stroke	14
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262ci (4.3L) (Chev) V8 OHV 2v <i>VIN Code G</i>	01/1975 - 12/1976	V8	3.67in x 3.10in
265ci (4.3L) L99 (Chev) V8 OHV 2v <i>VIN Code W</i>	01/1994 - 12/1996	V8	3.75in x 3.00in
267ci (4.4L) (Chev) V8 OHV 2v <i>VIN Code J</i>	01/1979 - 12/1982	V8	3.50in x 3.48in
302ci (5.0L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1968	V8	4.00in x 3.00in
305ci (5.0L) V8 (Chev) OHV 2v	01/1977 - 12/2002	V8	3.74in x 3.48in
307ci (5.0L) V8 (Chev) OHV 2v	01/1968 - 12/1973	V8	3.88in x 3.25in
327ci (5.4L) Large Pin (Chev) V8 OHV 2v	01/1968 - 12/1969	V8	4.00in x 3.25in
350ci (5.7L) (Chev) V8 OHV 2v	01/1967 - 12/2002	V8	4.00in x 3.48in
350ci (5.7L) Vortec (Chev) V8 OHV 2v	01/1995 - 12/2003	V8	101.6mm x 88.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B663A</b> STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
<b>RACE SERIES</b>							
<b>8B663H</b> STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				UL
<b>RACE SERIES</b>							
<b>8B663HD</b> STD, 001, 010		<i>Dowel hole in upper half.</i>					
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD
		53.340/2.1000	56.520/2.2252				L
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				U
<b>RACE SERIES</b>							
<b>8B663HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				UL
<b>RACE SERIES</b>							
<b>8B663HXD</b> STD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				U
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HXD
		53.340/2.1000	56.520/2.2252				L
<b>CONROD</b>							
<b>8B663P</b> STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376
		53.340/2.1000	56.520/2.2252				IH
<b>MAINS</b>							
<b>5M909A</b> STD, 01, 10, 20, 30, 40	1,2,3,4	62.189/2.4484	67.071/2.6406	2.426/.0955	20.50/.807	F810	2377A
		62.212/2.4493	67.094/2.6415				UL
	5	62.177/2.4479	67.071/2.6406	2.426/.0955	43.64/1.718	F810	2378A(F)
		62.200/2.4488	67.094/2.6415				UL
<b>RACE SERIES</b>							
<b>5M909H</b> STD, 001, 009, 010, 011, 020	1,2,3,4	62.189/2.4484	67.071/2.6406	2.423/.0954	20.50/.807	F780	2377H
		62.212/2.4493	67.097/2.6416				UL



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M909H</b> STD, 001, 009, 010, 011, 020	5	62.177/2.4479 62.199/2.4488	67.071/2.6406 67.097/2.6416	2.423/.0954	43.64/1.718	F780	2378H(F) UL
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M909HX</b> STD	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.097/2.6416	2.410/.0949	20.50/.807	F780	2377HX UL
	5	62.177/2.4479 62.199/2.4488	67.071/2.6406 67.097/2.6416	2.410/.0949	43.64/1.718	F780	2378HX(F) UL
<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M909P</b> STD, 010, 020, 030, 040	1,2,3,4	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/.0955	20.50/.807	F780	2377 UL
	5	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/.0955	43.64/1.718	F780	2378(F) UL
<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5C3346C</b> STD	1,2,3,4,5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C
<b>CAMS</b>		<i>All housing bores constant at 1.9990"-2.000"/50.775-50.800mm (High Performance).</i>					
<b>5C3349</b> STD	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346
<b>CAMS</b>		<i>= 5C2905. Standard housing bores.</i>					
<b>5C3349C</b> STD	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.894/.0746	19.05/.750	F830	3349C
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F830	3347C
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C
<b>CAMS</b>		<i>Standard housing bores (High Performance).</i>					

15 Engine				Year	Cyl	Bore x Stroke	15
294ci (4.8L) LR4 Vortec (Chev) V8 OHV 2v <i>VIN Code V</i>				01/1999 - 12/2006	V8	96.0mm x 83.0mm	
325ci (5.3L) Vortec (Chev) V8 OHV 2v				01/1999 - 12/2010	V8	96.0mm x 92.0mm	
346ci (5.7L) LS1 (Chev) V8 OHV 2v				01/1997 - 12/2005	V8	99.0mm x 92.0mm	
346ci (5.7L) LS6 (Chev) V8 OHV 2v				01/2001 - 12/2005	V8	99.0mm x 92.0mm	
364ci (6.0L) Vortec (Chev) V8 OHV 2v				01/1999 - 12/2009	V8	101.6mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B663A</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B663H</b> STD, 001, 009, 010, 011, 020	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
<b>RACE SERIES</b>		<i>Dowel hole in upper half.</i>					
<b>8B663HD</b> STD, 001, 010	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376H U
	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B663HX</b> STD	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
<b>8B663HDX</b> STD	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U
	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HDX L



# General Motors



15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B663P</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
<b>5M7298A</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F810	7298A UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F810	7299A(F) UL
<b>RACE SERIES</b> <b>5M7298H</b> STD, 001, 010, 020	<b>MAINS</b> 1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F780	7298H UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F780	7299H(F) UL
<b>RACE SERIES</b> <b>5M7298HX</b> STD	<b>MAINS</b> 1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	20.45/.805	F780	7298HX UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	26.10/1.028	F780	7299HX(F) UL
<b>5C1000S</b> STD	<b>CAMS</b> 1,5	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	2,4	54.991/2.1650 55.042/2.1670	58.829/2.3161 58.879/2.3181	1.902/.0749	16.00/.630	F23	CH-10-2
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3
<b>5C1001S</b> STD	<b>CAMS</b> 1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3

16 Engine				Year	Cyl	Bore x Stroke	16
302ci (5.0L) Small Pin (Chev) V8 OHV 2v				01/1967 - 12/1967	V8	4.00in x 3.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B745A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
<b>RACE SERIES</b> <b>8B745H</b> STD, 001, 010	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H UL
<b>RACE SERIES</b> <b>8B745HD</b> STD, 001, 010	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370HD L
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H U
<b>RACE SERIES</b> <b>8B745HX</b> STD	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX UL
<b>RACE SERIES</b> <b>8B745HXD</b> STD	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX U
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HDXD L
<b>8B745P</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F780	2370 IH



16 Continued ...							16	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M429A</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL	
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL	
	<b>RACE SERIES</b> <b>5M429H</b> STD, 001, 010	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL	
<b>RACE SERIES</b> <b>5M429HX</b> STD	<b>MAINS</b> 1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		2.410/.0949	20.49/.807	F780	2372HX UL	
	5	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL	
	<b>CAMS</b> 1,2,3,4,5	<i>All housing bores constant at 1.9990"-2.000"/50.775-50.800mm (High Performance).</i>		1.641/.0646	19.05/.750	F830	3346C	
	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010						
<b>5C3349</b> STD	<b>CAMS</b> 1	<i>= 5C2905. Standard housing bores.</i>		1.895/.0746	19.05/.750	F23	3349	
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346	
	<b>CAMS</b> 1	<i>Standard housing bores (High Performance).</i>		1.894/.0746	19.05/.750	F830	3349C	
<b>5C3349C</b> STD	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F830	3347C	
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C	

17 Engine	Year	Cyl	Bore x Stroke	17
294ci (4.8L) LY2 Vortec (Chev) V8 OHV 2v <i>VIN Code C</i>	01/2007 - 12/2009	V8	96.0mm x 83.0mm	
364ci (6.0L) LFA Vortec Hybrid (Chev) V8 OHV 2v	01/2008 - On	V8	4.00in x 3.62in	
364ci (6.0L) LS2 (Chev) V8 OHV 2v	01/2005 - 12/2009	V8	101.6mm x 92.0mm	
376ci (6.2L) L99 (Chev) V8 OHV 2v	01/2010 - On	V8	4.07in x 3.62in	
376ci (6.2L) LS3 (Chev) V8 OHV 2v	01/2008 - On	V8	4.07in x 3.62in	
376ci (6.2L) Vortec (Chev) V8 OHV 2v	01/2007 - On	V8	103.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B663A</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
	<b>RACE SERIES</b> <b>8B663H</b> STD, 001, 009, 010, 011, 020	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
<b>RACE SERIES</b> <b>8B663HD</b> STD, 001, 010	<b>CONROD</b>	<i>Dowel hole in upper half.</i>		1.575/.0620	21.25/.837	F781	2376H U
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L	
	<b>RACE SERIES</b> <b>8B663HX</b> STD	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	21.25/.837	F781	2376HX UL
	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252					



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17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
<b>8B663HXD</b> STD		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX U
		53.340/2.1000	56.520/2.2252				
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX L
		53.340/2.1000	56.520/2.2252				
<b>8B663P</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376 IH
		53.340/2.1000	56.520/2.2252				
<b>5M7298A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F810	7298A UL
	1,2,4,5	65.007/2.5593	69.887/2.7515				
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F810	7299A(F) UL
		65.007/2.5593	69.887/2.7515				
<b>RACE SERIES</b> <b>5M7298H</b> STD, 001, 010, 020	<b>MAINS</b>	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F780	7298H UL
	1,2,4,5	65.007/2.5593	69.887/2.7515				
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F780	7299H(F) UL
		65.007/2.5593	69.887/2.7515				
<b>RACE SERIES</b> <b>5M7298HX</b> STD	<b>MAINS</b>	64.993/2.5588	69.873/2.7509	2.417/.0952	20.45/.805	F780	7298HX UL
	1,2,4,5	65.007/2.5593	69.887/2.7515				
	3	64.993/2.5588	69.873/2.7509	2.417/.0952	26.10/1.028	F780	7299HX(F) UL
		65.007/2.5593	69.887/2.7515				
<b>5C1001S</b> STD	<b>CAMS</b>	<i>2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</i>					
	1,5	54.991/2.1650	59.588/2.3460	2.260/.0890	16.00/.630	F23	CH-23-1
		55.042/2.1670	59.639/2.3480				
	2,4	54.991/2.1650	59.080/2.3260	2.029/.0799	16.00/.630	F23	CH-10-1
		55.042/2.1670	59.131/2.3280				
	3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3
		55.042/2.1670	58.631/2.3083				

18 Engine	Year	Cyl	Bore x Stroke	18
379ci (6.2L) (Chev) V8 OHV 2v Diesel <i>VIN Codes C, J</i>	01/1982 - 12/1993	V8	4.0mm x 3.8mm	
395ci (6.5L) (Chev) V8 OHV 2v Diesel <i>VIN Codes P, Y</i>	01/1994 - 12/1999	V8	103.0mm x 97.0mm	
395ci (6.5L) (Chev) V8 OHV 2v Turbo Diesel <i>VIN Codes F, S</i>	01/1992 - 02/2002	V8	102.9mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B1286A</b> STD, .025, .25, .50, .75	<b>CONROD</b>	60.914/2.3982	64.125/2.5246	1.570/.0618	22.89/.901	F810	1292 IH
		60.940/2.3992	64.150/2.5256				
<b>5M1563P</b> STD, .025, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Positions 1,2,3,4 have grooved upper with 1 oil hole, and plain lower halves.</i>					
	1,2,4	74.917/2.9495	79.825/3.1427	2.425/.0955	22.78/.897	F780	7240 UL
		74.940/2.9504	79.850/3.1437				
	3	74.917/2.9495	79.825/3.1427	2.425/.0955	28.70/1.130	F780	7241(F) UL
		74.940/2.9504	79.850/3.1437				
	5	74.912/2.9493	79.825/3.1427	2.425/.0955	35.33/1.391	F780	7242 UL
		74.937/2.9503	79.850/3.1437				
<b>5M2091P</b> STD, .025, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Positions 1,2,3,4 have grooved upper with 3 oil holes, and plain lower halves.</i>					
	1,2,4	74.917/2.9495	79.825/3.1427	2.426/.0955	22.78/.897	F780	2087 UL
		74.940/2.9504	79.850/3.1437				
	3	74.917/2.9495	79.825/3.1427	2.426/.0955	28.70/1.130	F780	2089(F) UL
		74.940/2.9504	79.850/3.1437				
	5	74.912/2.9493	79.825/3.1427	2.426/.0955	35.33/1.391	F780	2088 UL
		74.938/2.9503	79.850/3.1437				



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18 Continued ...							18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b>							
<b>5C1199S</b> STD, 010	1	54.976/2.1644 55.024/2.1663	59.106/2.3270 59.157/2.3290	2.030/.0799	22.86/.900	F23	5302
	2	54.976/2.1644 55.024/2.1663	58.877/2.3180 58.928/2.3200	1.910/.0752	19.81/.780	F23	5303
	3	54.976/2.1644 55.024/2.1663	58.623/2.3080 58.674/2.3100	1.790/.0705	19.81/.780	F23	5304
	4	54.976/2.1644 55.024/2.1663	58.369/2.2980 58.420/2.3000	1.660/.0654	19.81/.780	F23	5305
	5	50.975/2.0069 51.026/2.0089	54.381/2.1410 54.432/2.1430	1.660/.0654	19.81/.780	F23	5306
<b>PISTON PIN BUSH</b>							
<b>RB3864Y20</b>			33.096/1.3030 33.134/1.3045	1.430/.0563	25.43/1.001	F100	RB3864Y20

19 Engine				Year	Cyl	Bore x Stroke	19
376ci (6.2L) LS9 (Chev) V8 OHV 2v S/Charged				01/2009 - On	V8	4.07in x 3.62in	
376ci (6.2L) LSA (Chev) V8 OHV 2v S/Charged				01/2009 - On	V8	4.07in x 3.62in	
427ci (7.0L) LS7 (Chev) V8 OHV 2v				01/2006 - 12/2010	V8	4.13in x 4.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B663A</b> STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
	<b>RACE SERIES</b>						
<b>8B663H</b> STD, 001, 009, 010, 011, 020		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
	<b>RACE SERIES</b>						
<b>8B663HD</b> STD, 001, 010		<i>Dowel hole in upper half.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376H U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
	<b>RACE SERIES</b>						
		<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B663HX</b> STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL
	<b>RACE SERIES</b>						
<b>8B663HXD</b> STD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HDXD L
	<b>RACE SERIES</b>						
<b>CONROD</b>							
<b>8B663P</b> STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
	<b>RACE SERIES</b>						
<b>CAMS</b>							
<b>5C1001S</b> STD	1,5	<i>2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</i>					
		54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3

20 Engine				Year	Cyl	Bore x Stroke	20
496ci (8.1L) Gen IV Vortec V8 OHV 2v VIN Codes E, G				01/2001 - 12/2007	V8	108.0mm x 111.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B743A</b> STD, 01, 10, 20, 30, 40		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F810	7100A IH
	<b>RACE SERIES</b>						



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20 Continued ...								20	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>8B743H</b> STD, 001, 009, 010, 011, 020	<b>CONROD</b>	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100H UL		
<b>RACE SERIES</b> <b>8B743HD</b> STD, 001, 010	<b>CONROD</b>	<i>Dowel hole in upper half.</i>		55.855/2.1990 55.880/2.2000 55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252 59.047/2.3247 59.060/2.3252	1.572/.0619 1.572/.0619	22.58/.889 22.58/.889	F781 F781	7100HD L 7100H U
<b>RACE SERIES</b> <b>8B743HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HX UL
<b>RACE SERIES</b> <b>8B743HDX</b> STD	<b>CONROD</b>	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>		55.855/2.1990 55.880/2.2000 55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252 59.047/2.3247 59.060/2.3252	1.559/.0614 1.559/.0614	22.58/.889 22.58/.889	F781 F781	7100HX U 7100HDX L
<b>8B743P</b> STD, 001, 010, 020, 030, 040,	<b>CONROD</b>	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F780	7100 IH		
<b>5M7218A</b> STD, 010, 020	<b>MAINS</b>	1,2,3,4	69.804/2.7482 69.845/2.7498	74.607/2.9373 74.620/2.9378	2.388/.0940	26.59/1.047	F810	7218A UL	
		5	69.804/2.7482 69.845/2.7498	74.607/2.9373 74.620/2.9378	2.388/.0940	46.00/1.811	F810	7219A(F) UL	
<b>5C616S</b> STD, STD, STD, 010	<b>CAMS</b>	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247	
		2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248	
		3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.136/.0841	24.89/.980	F23	7249	

21	Engine	Year	Cyl	Bore x Stroke	21
	170ci (2.8L) LAU (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2010 - 12/2011	V6	89.0mm x 74.8mm	
	170ci (2.8L) LP1 (HFV6) (Cadi) V6 DOHC 4v	01/2005 - 12/2007	V6	89.0mm x 74.8mm	
	170ci (2.8L) LP9 (HFV6) (Cadi) V6 DOHC 4v Turbo	01/2006 - 12/2009	V6	89.0mm x 74.8mm	
	183ci (3.0L) LF1 (HFV6) (Cadi) V6 DOHC 4v	01/2010 - On	V6	89.0mm x 80.3mm	
	183ci (3.0L) LF1 (HFV6) (Chev) V6 DOHC 4v	01/2010 - On	V6	89.0mm x 80.3mm	
	217ci (3.6L) LFX (HFV6) (Cadi) V6 DOHC 4v	01/2012 - On	V6	94.0mm x 85.6mm	
	217ci (3.6L) LFX (HFV6) (Chev) V6 DOHC 4v	01/2012 - On	V6	94.0mm x 85.6mm	
	217ci (3.6L) LLT (HFV6) (Cadi) V6 DOHC 4v	01/2008 - On	V6	94.0mm x 85.6mm	
	217ci (3.6L) LLT (HFV6) (Chev) V6 DOHC 4v	01/2009 - On	V6	94.0mm x 85.6mm	
	217ci (3.6L) LY7 (HFV6) (Cadi) V6 DOHC 4v	01/2004 - 12/2009	V6	94.0mm x 85.6mm	
	217ci (3.6L) LY7 (HFV6) (Chev) V6 DOHC 4v	01/2008 - On	V6	94.0mm x 85.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>6B2270A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.801/.0709	18.55/.730	F810	2270A IH		
<b>RACE SERIES</b> <b>6B2270H</b> Std, .025, .25	<b>CONROD</b>	55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.798/.0708	18.55/.730	F781	2270H IH		
<b>RACE SERIES</b> <b>6B2270HX</b> Std	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.785/.0703	18.55/.730	F781	2270HX IH
<b>4M2273A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A UL	



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2273A</b> STD, .25, .50, .75, 1.00	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	24.29/.956	F810	2274A(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A L
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>4M2273H</b> Std, .025, .25	1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	24.29/.956	F780	2274H(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F780	2273HX UL
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>4M2273HX</b> Std	1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F770	2273HX L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U

22 Engine	Year	Cyl	Bore x Stroke	22
262ci (4.3L) (Chev) V6 OHV 2v <i>VIN Code B,N,Z</i>	01/1985 - 12/1996	V6	4.00in x 3.48in	
262ci (4.3L) (Chev) V6 OHV 2v Turbo <i>VIN Code Z</i>	01/1991 - 12/1993	V6	101.6mm x 88.4mm	
262ci (4.3L) Vortec (Chev) V6 OHV 2v <i>VIN Codes W,X</i>	01/1992 - 12/2010	V6	4.00in x 3.48in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>6B1358A</b> STD, 001, 10, 20, 30, 40		57.130/2.2492 57.145/2.2498	60.317/2.3747 60.342/2.3757	1.575/.0620	18.92/.745	F810	7111A IH	
	<b>MAINS</b>							
<b>4M1454A</b> STD, 01, 10, 20, 30, 40	1,2,3	62.189/2.4484 62.212/2.4493	67.071/2.6406 67.094/2.6415	2.426/.0955	20.50/.807	F810	2377A UL	
	4	62.177/2.4479 62.200/2.4488	67.071/2.6406 67.094/2.6415	2.426/.0955	43.64/1.718	F810	2378A(F) UL	
	<b>CAMS</b>							
<b>4C1089S</b> STD	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349	
	<i>For engines without ID number starting with 'T' on front of block.</i>							
	2,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347	
	3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346	
	<b>CAMS</b>							
<b>4C1351S</b> STD	1,4	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349	
	<i>For engines with ID number starting with 'T' on front of block.</i>							
	2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347	
	3	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346	
	<b>BALANCE</b>							
<b>1BS1400S</b> STD		38.064/1.4986 38.100/1.5000	47.587/1.8735 47.612/1.8745	4.724/.1860	21.21/.835	F23	5344	



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23	Engine	Year	Cyl	Bore x Stroke	23
	189ci (3.1L) (Chev) V6 OHV 2v VIN Code M	01/1993 - 12/1999	V6	89.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>6B1238A</b> STD, 01, 10, 20, 30, 40		50.759/1.9984	53.962/2.1245	1.575/.0620	18.29/.720	F810	7116A	
		50.785/1.9994	53.988/2.1255				IH	
<b>MAINS</b>								
<b>4M7189A</b> STD, .25, .50, .75, 1.0	1,4	67.239/2.6472	72.149/2.8405	2.437/.0959	24.80/.976	F810	7187A	
		67.264/2.6482	72.174/2.8415				UL	
	2	67.239/2.6472	72.149/2.8405	2.437/.0959	18.75/.738	F810	7188A	
		67.264/2.6482	72.174/2.8415				UL	
	3	67.239/2.6472	72.149/2.8405	2.437/.0959	23.93/.942	F810	7189A(F)	
		67.264/2.6482	72.174/2.8415				U	
	3	67.239/2.6472	72.149/2.8405	2.437/.0959	18.75/.738	F810	7188A	
		67.264/2.6482	72.174/2.8415				L	
<b>CAMS</b>								
<b>4C1102S</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207	
		47.490/1.8697	51.079/2.0110					
	2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198	
		47.490/1.8697	50.825/2.0010					
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					
	<i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 &amp; #3 bushes.</i>							
	<b>4C1102SW</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110					
2,3		47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208	
		47.490/1.8697	51.079/2.0110					
4		47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					

24	Engine	Year	Cyl	Bore x Stroke	24
	211ci (3.5L) L52 (Chev) Inline5 DOHC 4v 223ci (3.7L) LLR (Chev) Inline5 DOHC 4v	01/2004 - 12/2006 01/2007 - 12/2012	L5 L5	93.0mm x 102.0mm 95.5mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>5B2290A</b> STD, .25, .50, .75, 1.00		56.691/2.2319	60.322/2.3749	1.802/.0709	20.75/.817	F810	2290A
		56.707/2.2326	60.338/2.3755				IH
<b>MAINS</b>							
<b>6M2224A</b> STD, 010, 020	1,2,3,5,6,7	69.967/2.7546	78.069/3.0736	4.044/.1592	20.68/.814	F810	7308A
		69.982/2.7552	78.087/3.0743				UL
	4	69.967/2.7546	78.069/3.0736	4.044/.1592	25.35/.998	F810	7309A(F)
		69.982/2.7552	78.087/3.0743				UL
<b>CAMS</b>							
<b>4C7300</b> STD	L Centre		48.136/1.8951		22.20/.874	F23	7300
			48.156/1.8959				
	L Front		47.417/1.8668		22.20/.874	F23	7301
			47.434/1.8675				
	R Centre		41.272/1.6249		22.20/.874	F23	7302
			41.293/1.6257				
	R Front		40.551/1.5965		22.20/.874	F23	7303
			40.571/1.5973				
<b>PISTON PIN BUSH</b> <i>Was AB3664.</i>							
<b>RB3664</b> UNB		22.997/.9054		1.372/.0540	23.75/.935	F100	RB3664
		23.000/.9055					



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25 Engine		Year		Cyl	Bore x Stroke	25	
151ci (2.5L) (Pontiac) Inline4 2v		01/1977 - 12/1993		L4	4.00in x 3.00in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Supercedes 4B610P.</i>							
<b>4B610A</b> STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
<b>MAINS</b> <i>Standard width thrust for all undersizes.</i>							
<b>5M1733A</b> STD, 01, 10, 20, 30, 40	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
<b>MAINS</b> <i>For VIN U engines only. Was 5M1643A.</i>							
<b>5M7157A</b> STD, 010, 020, 030, 040	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				U
	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7157A
		58.402/2.2993	63.287/2.4916				L
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	23.93/.942	F810	7159A(F)
		58.402/2.2993	63.287/2.4916				UL
<b>CAMS</b>							
<b>3C1030S</b> STD		47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				
<b>CAMS</b> <i>For VIN U engine only.</i>							
<b>3C1305S</b> STD	1,2,3	47.452/1.8682	50.775/1.9990	1.640/.0646	18.16/.715	F23	7346
		47.478/1.8692	50.825/2.0010				

26 Engine		Year		Cyl	Bore x Stroke	26	
194ci (3.2L) (Chev) Inline6 OHV 2v		01/1962 - 12/1967		L6	3.56in x 3.25in		
215ci (3.5L) (Pontiac) Inline6 OHV 2v		01/1964 - 12/1965		L6	3.75in x 3.25in		
230ci (3.8L) (Chev) Inline6 OHV 2v		01/1963 - 12/1970		L6	3.88in x 3.25in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B745A</b> STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
<b>MAINS</b> <i>Standard width flanges for all undersizes.</i>							
<b>7M617A</b> STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
<b>CAMS</b>							
<b>4C399S</b> STD	1,4	47.452/1.8682	51.029/2.0090	1.763/.0694	21.97/.865	F23	5330
		47.478/1.8692	51.079/2.0110				
	2,3	47.425/1.8671	50.775/1.9990	1.636/.0644	21.97/.865	F23	5331
		47.478/1.8692	50.825/2.0010				

27 Engine		Year		Cyl	Bore x Stroke	27	
265ci (4.3L) (Pontiac) V8 OHV 2v <i>VIN Code S</i>		01/1980 - 12/1981		V8	3.75in x 3.00in		
301ci (4.9L) (Pontiac) V8 OHV 2v <i>VIN Codes W,Y</i>		01/1977 - 12/1981		V8	4.00in x 3.00in		
301ci (4.9L) (Pontiac) V8 OHV 2v Turbo <i>VIN Code T</i>		01/1980 - 12/1981		V8	4.00in x .12in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B610A</b> STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
<b>MAINS</b>							
<b>5M1415A</b> STD, 010, 020, 030, 040	1,2,3	76.187/2.9995	80.975/3.1880	2.375/.0935	21.97/.865	F810	7134A
		76.213/3.0005	81.001/3.1890				UL



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27 Continued ...							27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1415A</b> STD, 010, 020, 030, 040	4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	26.87/1.058	F810	7135A(F) UL
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/.0938	40.38/1.590	F810	7136A UL
<b>CAMS</b>							
<b>5C292S</b> STD	1,2,3,4,5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/.0646	17.40/.685	F23	5300

28 Engine	Year	Cyl	Bore x Stroke	28
110ci (1.8L) (Pontiac) Inline4 SOHC 2v <i>VIN Code O</i>	01/1982 - 12/1986	L4	84.8mm x 79.5mm	
110ci (1.8L) (Pontiac) Inline4 SOHC 2v Turbo <i>VIN Code J</i>	01/1984 - 12/1986	L4	84.8mm x 79.5mm	
122ci (2.0L) (Pontiac) Inline4 SOHC 2v <i>VIN Code H,K</i>	01/1987 - 12/1994	L4	86.0mm x 86.0mm	
122ci (2.0L) (Pontiac) Inline4 SOHC 2v Turbo <i>VIN Code M</i>	01/1987 - 12/1990	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
	<b>RACE SERIES</b>						
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
	<b>RACE SERIES</b>						
<b>4B2322HX</b> STD		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2328A(F) IH
	<b>MAINS</b>						
<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2329A(F) IH

29 Engine	Year	Cyl	Bore x Stroke	29
1.0L S-TEC (Chev) Inline4 SOHC 2v	01/2002 - On	L4	68.5mm x 67.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> = 4B8341A							
<b>4B1266A</b> STD, .25, .50, .75, 1.00		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
	<b>MAINS</b>						
<b>5M1267A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	43.982/1.7316 44.000/1.7323	47.998/1.8897 48.018/1.8905	1.993/.0785	17.13/.674	F810	1267A IH
	<b>THRUST</b>						
<b>1T8337</b> STD		52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH



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30	Engine	Year	Cyl	Bore x Stroke	30			
	231ci (3.8L) (Buick) V6 OHV 2v Supercharged VIN Code 1	01/1992 - 12/2005	V6	90.5mm x 100.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Same as 6B1443A.</i>								
<b>6B2306A</b> STD, 001, 010, 020		57.117/2.2487	60.300/2.3740	1.570/.0618	18.30/.721	F810	2306A	
		57.137/2.2495	60.312/2.3745				IH	
<b>RACE SERIES</b>								
<b>6B2306H</b> STD, 001, 010, 020		57.117/2.2487	60.300/2.3740	1.568/.0617	18.30/.720	F781	2306H	
		57.137/2.2495	60.312/2.3745				IH	
<b>RACE SERIES</b>								
<b>6B2306HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>						
		57.117/2.2487	60.300/2.3740	1.555/.0612	18.30/.720	F781	2306HX	
		57.137/2.2495	60.312/2.3745				IH	
<b>CONROD</b> <i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>								
<b>6B2306P</b> STD, 010, 020, 030, 040		57.117/2.2487	60.300/2.3740	1.570/.0618	18.30/.720	F780	2306	
		57.137/2.2495	60.312/2.3745				IH	
<b>MAINS</b>								
<b>4M2022A</b> STD, 010, 020, 030, 040	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2299A	
		63.495/2.4998	68.275/2.6880				L	
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A	
		63.495/2.4998	68.275/2.6880				U	
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F)	
		63.495/2.4998	68.275/2.6880				UL	
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2309A	
		63.495/2.4998	68.275/2.6880				L	
	<b>MAINS</b> <i>= 4M1822A. Suits VN Series 2 and VP.</i>							
	<b>4M2302A</b> STD, 010, 020, 030, 040	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
			63.495/2.4998	68.275/2.6880				L
		1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
		63.495/2.4998	68.275/2.6880				U	
2		63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F)	
		63.495/2.4998	68.275/2.6880				UL	
4		63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2305A	
		63.495/2.4998	68.275/2.6880				L	
<b>MAINS</b> <i>Was 4M2021A. Suits VR.</i>								
<b>4M2309A</b> STD, 010, 020, 030, 040		1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
			63.495/2.4998	68.275/2.6880				L
		1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A
		63.495/2.4998	68.275/2.6880				U	
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F)	
		63.495/2.4998	68.275/2.6880				UL	
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2309A	
		63.495/2.4998	68.275/2.6880				L	
	<b>CAMS</b> <i>For engines with 20 bolt oil pan.</i>							
	<b>4C1246S</b> STD	1,4	45.339/1.7850	49.162/1.9355	1.890/.0744	19.18/.755	F23	5102
			45.364/1.7860	49.213/1.9375				
		2,3	45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104
		45.364/1.7860	48.705/1.9175					
<b>CAMS</b>								
<b>4C1812S</b> STD		1,4	46.858/1.8448	50.686/1.9955	1.882/.0741	18.92/.745	F23	5336
		46.893/1.8462	50.711/1.9965					
	2,3	46.858/1.8448	50.178/1.9755	1.628/.0641	16.00/.630	F23	5337	
		46.893/1.8462	50.228/1.9775					



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31	Engine	Year	Cyl	Bore x Stroke	31
	213ci (3.5L) LX9 (Chev) V6 OHV 2v VIN Code 8	01/2004 - 12/2008	V6	94.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B7231A</b> STD, .25	<b>CONROD</b>	57.122/2.2489	60.315/2.3746	1.580/.0622	19.50/.768	F810	7231A IH	
		57.137/2.2495	60.338/2.3755					
<b>4M7234A</b> STD, .25	<b>MAINS</b>	1	67.241/2.6473	72.154/2.8407	2.438/.0960	24.94/.982	F810	7233A UL
			67.257/2.6479	72.169/2.8413				
		2	67.241/2.6473	72.154/2.8407	2.438/.0960	19.84/.781	F810	7234A UL
			67.257/2.6479	72.169/2.8413				
		3	67.241/2.6473	72.151/2.8406	2.433/.0958	23.93/.942	F810	7235A(F) UL
4	67.264/2.6482	72.174/2.8415	2.438/.0960	24.94/.982	F810	7236A UL		
	67.241/2.6473	72.154/2.8407						
		67.257/2.6479	72.169/2.8413					

32	Engine	Year	Cyl	Bore x Stroke	32
	214ci (3.5L) LZ4 (Chev) V6 OHV 2v VIN Code N	01/2006 - 12/2009	V6	99.0mm x 76.0mm	
	237ci (3.9L) LZ9 (Chev) V6 OHV 2v VIN Code 1	01/2006 - 12/2009	V6	99.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B7231A</b> STD, .25	<b>CONROD</b>	57.122/2.2489	60.315/2.3746	1.580/.0622	19.50/.768	F810	7231A IH
		57.137/2.2495	60.338/2.3755				

33	Engine	Year	Cyl	Bore x Stroke	33
	122ci (2.0L) XK620 E-TEC (Daewoo) Inline6 DOHC 4v	01/2005 - On	L6	75.0mm x 75.2mm	
	152ci (2.5L) XK625 E-TEC (Daewoo) Inline6 DOHC 4v	01/2005 - On	L6	77.0mm x 89.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B7230A</b> STD, .25	<b>CONROD</b>			1.595/.0628	14.60/.575	F810	7230A IH
<b>7M7232A</b> STD, .25	<b>MAINS</b>	1,2,3,4,5,6,7		3.510/.1382	16.00/.630	F810	7232A UL

34	Engine	Year	Cyl	Bore x Stroke	34
	146ci (2.4L) LD9 (Olds) Inline4 DOHC 4v VIN Code T	01/1996 - 12/2002	L4	90.0mm x 76.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1647A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.973/1.8887	51.173/2.0147	1.581/.0622	18.30/.721	F810	8520A IH	
		47.998/1.8897	51.186/2.0152					
<b>5M2056A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4,5	60.000/2.3622	64.778/2.5503	2.376/.0935	20.00/.787	F810	8517A UL
			60.023/2.3631	64.798/2.5511				
		3	60.000/2.3622	67.778/2.6684	2.376/.0935	27.74/1.092	F810	8518A(F) UL
		60.023/2.3631	64.798/2.5511					



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35	Engine	Year	Cyl	Bore x Stroke	35
	138ci (2.3L) Quad 4 (Olds) Inline4 DOHC 4v <i>VIN Code A,D</i>	01/1987 - 12/1995	L4	92.0mm x 85.0mm	
	138ci (2.3L) Quad 4 (Olds) Inline4 SOHC 2v	01/1992 - 12/1994	L4	92.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1388A</b> STD, .25, .50, .75, 1.00		47.973/1.8887	51.166/2.0144	1.580/.0622	22.76/.896	F810	8516A
		47.998/1.8897	51.191/2.0154				IH
<b>MAINS</b>							
<b>5M8511A</b> STD, .25, .50, .75	1,2,4,5	51.994/2.0470	56.774/2.2352	2.377/.0936	21.26/.837	F810	8511A
		52.019/2.0480	56.799/2.2362				UL
	3	51.994/2.0470	56.774/2.2352	2.377/.0936	27.74/1.092	F810	8513A(F)
		52.019/2.0480	56.799/2.2362				UL

36	Engine	Year	Cyl	Bore x Stroke	36
	134ci (2.2L) LN2,L43 Vortec (Chev) Inline4 OHV 2v	01/1994 - 12/2003	L4	89.0mm x 88.0mm	
	134ci (2.2L) LN2,LM3 (Chev) Inline4 OHV 2v <i>VIN Code 4,G</i>	01/1990 - 12/2002	L4	3.50in x 3.46in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B745A</b> STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
<b>MAINS</b>							
<b>5M7124A</b> STD, .25, .50, .75, 1.0	1,2,3,5	63.360/2.4945	68.250/2.6870	2.423/.0954	18.72/.737	F810	7123A
		63.383/2.4954	68.273/2.6879				IH
	4	63.358/2.4944	68.250/2.6870	2.423/.0954	23.93/.942	F810	7124A(F)
		63.383/2.4954	68.275/2.6880				IH
<b>MAINS</b>							
<b>5M7164A</b> STD, .25, .50, .75, 1.0	1,2,5	63.360/2.4945	68.250/2.6870	2.423/.0954	18.72/.737	F810	7123A
		63.383/2.4954	68.273/2.6879				IH
	3	63.358/2.4944	68.250/2.6870	2.423/.0954	20.75/.817	F810	7164A
		63.383/2.4954	68.275/2.6880				IH
	4	63.358/2.4944	68.250/2.6870	2.423/.0954	23.93/.942	F810	7124A(F)
		63.383/2.4954	68.275/2.6880				IH
<b>CAMS</b>							
<b>5C1195S</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110				
	2,5	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
		47.490/1.8697	50.825/2.0010				
	3,4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				

37	Engine	Year	Cyl	Bore x Stroke	37
	116ci (1.9L) (Saturn) Inline4 DOHC 4v	01/1991 - 12/2002	L4	82.0mm x 89.9mm	
	116ci (1.9L) (Saturn) Inline4 SOHC 2v	01/1991 - 12/2002	L4	82.0mm x 89.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1623A</b> STD, .25, .50		46.990/1.8500	50.193/1.9761	1.590/.0626	20.32/.800	F810	7131A
		47.010/1.8508	50.206/1.9766				IH
<b>MAINS</b>							
<b>5M2009A</b> STD, .25, .50	1,2,3,4,5	56.993/2.2438	60.993/2.4013	1.989/.0783	18.31/.721	F810	7178A
		57.005/2.2443	61.006/2.4018				L
	1,2,4,5	56.993/2.2438	60.993/2.4013	1.989/.0783	18.31/.721	F810	7178A
		57.005/2.2443	61.006/2.4018				U
	3	56.993/2.2438	60.993/2.4013	1.989/.0783	27.59/1.086	F810	7179A(F)
		57.005/2.2443	61.006/2.4018				U



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38	Engine	Year	Cyl	Bore x Stroke	38
	244ci (4.0L) L47 (Olds) V8 DOHC 4v <i>VIN Code C</i>	01/1995 - 12/2003	V8	87.0mm x 84.0mm	
	281ci (4.6L) (Northstar) V8 DOHC 4v <i>VIN Codes 9 (L37), A (LH2), Y (LD8)</i>	01/1993 - 12/2010	V8	93.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B7280A</b> STD, .25, .50		53.950/2.1240	57.140/2.2496	1.577/.0621	19.25/.758	F810	7280A
		53.962/2.1245	57.150/2.2500				IH
<b>MAINS</b> <i>Suits engines up to 2003. Contains one 3 piece flange.</i>							
<b>5M7282A</b> STD, .25, .50, .75	1,2,4,5	64.350/2.5335	72.430/2.8516	4.041/.1591	20.68/.814	F810	7282A
		64.360/2.5339	72.440/2.8520				UL
	3	64.338/2.5330	72.430/2.8516	4.041/.1591	23.50/.925	F810	7283A(F)
		64.359/2.5338	72.440/2.8520				UL
<b>PISTON PIN BUSH</b> <i>Suits engines up to 2003.</i>							
<b>RB4223</b> UNB			23.460/.9236		21.75/.856	F100	RB4223
			23.500/.9252				

39	Engine	Year	Cyl	Bore x Stroke	39
	300ci (4.9L) (Buick) V8 OHV 2v	01/1964 - 12/1967	V8	95.3mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B610A</b> STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
<b>MAINS</b>							
<b>5M7285A</b> STD, .25, .50, .75, 1.00	1,2,4	63.475/2.4990	68.250/2.6870	2.375/.0935	22.07/.869	F810	7285A
		63.500/2.5000	68.275/2.6880				UL
	3	63.475/2.4990	68.250/2.6870	2.375/.0935	26.87/1.058	F810	7286A(F)
		63.500/2.5000	68.275/2.6880				UL
	5	63.475/2.4990	68.250/2.6870	2.375/.0935	22.07/.869	F810	7287A
		63.500/2.5000	68.275/2.6880				UL

40	Engine	Year	Cyl	Bore x Stroke	40
	198ci (3.2L) (Buick) V6 OHV 2v	01/1962 - 12/1963	V6	92.1mm x 81.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>18.84mm wide.</i>							
<b>6B610A</b> STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
<b>MAINS</b>							
<b>5M7288A</b> STD, .25, .50	1,2,3,5	58.377/2.2983	63.261/2.4906	2.426/.0955	20.50/.807	F810	7288A
		58.402/2.2993	63.287/2.4916				UL
	4	58.377/2.2983	63.261/2.4906	2.426/.0955	26.87/1.058	F810	7289A(F)
		58.402/2.2993	63.287/2.4916				UL

41	Engine	Year	Cyl	Bore x Stroke	41
	196ci (3.2L) (Buick) V6 OHV 2v <i>VIN Code C</i>	01/1978 - 12/1979	V6	3.50in x 3.40in	
	252ci (4.1L) (Buick) V6 OHV 2v <i>VIN Code 4</i>	01/1980 - 12/1984	V6	3.97in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>= 6B1228A</i>							
<b>6B2360A</b> STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F810	2360A
		57.147/2.2499	60.312/2.3745				IH
<b>CONROD</b> <i>16.74mm Wide, VN Series 1. Same as 6B1228P.</i>							
<b>6B2360P</b> STD, 001, 010, 020, 030, 040		57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F780	2360
		57.147/2.2499	60.312/2.3745				IH



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41 Continued ...								41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b>								
<i>STD width flanges on all undersizes.</i>								
<b>4M960A</b> STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9015A UL	
	2	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	26.87/1.058	F810	9017A(F) UL	
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9016A L	
	4	63.470/2.4988 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9019A U	
	<b>CAMS</b>							
<i>Alternative to 4C1031S, with grooved OD on #1 bush. For engines with 14 bolt oil pan.</i>								
<b>4C1031BS</b> STD	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	41.402/1.6300	19.18/.755	F23	5103	
	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104	
	<b>CAMS</b>							
<i>For engines with 14 bolt oil pan.</i>								
<b>4C1031S</b> STD	2,3,4	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5104	

42 Engine								42
				Year	Cyl	Bore x Stroke		
204ci (3.3L) (Buick) V6 OHV 2v VIN Code N				01/1989 - 12/1993	V6	3.70in x 3.15in		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Same as 6B1443A.</i>							
<b>6B2306A</b> STD, 001, 010, 020		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.721	F810	2306A IH
	<b>RACE SERIES</b>						
<b>6B2306H</b> STD, 001, 010, 020		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH
	<b>RACE SERIES</b>						
<b>6B2306HX</b> STD		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.555/.0612	18.30/.720	F781	2306HX IH
	<b>CONROD</b>						
<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>							
<b>6B2306P</b> STD, 010, 020, 030, 040		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.720	F780	2306 IH
	<b>CONROD</b>						
<i>= 6B1228A</i>							
<b>6B2360A</b> STD, 001, 010, 020, 030, 040		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F810	2360A IH
	<b>CONROD</b>						
<i>16.74mm Wide, VN Series 1. Same as 6B1228P.</i>							
<b>6B2360P</b> STD, 001, 010, 020, 030, 040		57.117/2.2487 57.147/2.2499	60.295/2.3738 60.312/2.3745	1.572/.0619	16.74/.659	F780	2360 IH
	<b>MAINS</b>						
<i>= 4M1822A. Suits VN Series 2 and VP.</i>							
<b>4M2302A</b> STD, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2305A L
	<b>MAINS</b>						
<i>STD width flanges on all undersizes.</i>							
<b>4M960A</b> STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9015A UL
	2	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	26.87/1.058	F810	9017A(F) UL
	4	63.475/2.4990 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9016A L
	4	63.470/2.4988 63.500/2.5000	68.250/2.6870 68.275/2.6880	2.365/.0931	22.07/.869	F810	9019A U



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## 42 Continued ... 42

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b> <i>For engines with 20 bolt oil pan.</i>							
<b>4C1246S</b> STD	1,4	45.339/1.7850	49.162/1.9355	1.890/.0744	19.18/.755	F23	5102
		45.364/1.7860	49.213/1.9375				
	2,3	45.339/1.7850	48.654/1.9155	1.630/.0642	15.88/.625	F23	5104
		45.364/1.7860	48.705/1.9175				

## 43 Engine Year Cyl Bore x Stroke 43

215ci (3.5L) (Buick) V8 OHV 2v 01/1961 - 12/1963 V8 3.50in x 2.80in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B610A</b> STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
<b>MAINS</b> <i>Overwidth flanges on undersizes: Std=Std, 010"=Std+010".</i>							
<b>5M2217A</b> STD, 010	1,2,4,5	58.400/2.2992	63.274/2.4911	2.426/.0955	20.50/.807	F820	2217AL UL
		58.412/2.2997	63.287/2.4916				
	3	58.400/2.2992	63.274/2.4911	2.426/.0955	26.87/1.058	F820	2218AL(F) UL
		58.412/2.2997	63.287/2.4916				

## 44 Engine Year Cyl Bore x Stroke 44

225ci (3.7L) (Buick) V6 OHV 2v 01/1964 - 01/1967 V6 3.75in x 3.40in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>18.84mm wide.</i>							
<b>6B610A</b> STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
<b>MAINS</b> <i>STD width flanges on all undersizes.</i>							
<b>4M960A</b> STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A UL
		63.500/2.5000	68.275/2.6880				
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F) UL
		63.500/2.5000	68.275/2.6880				
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A L
		63.500/2.5000	68.275/2.6880				
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A U
		63.500/2.5000	68.275/2.6880				
<b>CAMS</b>							
<b>4C506S</b> STD	1	44.577/1.7550	47.892/1.8855	1.631/.0642	19.18/.755	F23	5332
		44.602/1.7560	47.943/1.8875				
	2	43.815/1.7250	47.130/1.8555	1.631/.0642	19.18/.755	F23	5333
		43.840/1.7260	47.181/1.8575				
	3	43.053/1.6950	46.368/1.8255	1.631/.0642	19.18/.755	F23	5334
	43.078/1.6960	46.419/1.8275					
4	42.291/1.6650	45.606/1.7955	1.631/.0642	19.18/.755	F23	5335	
	42.316/1.6660	45.657/1.7975					

## 45 Engine Year Cyl Bore x Stroke 45

340ci (5.6L) (Buick) V8 OHV 2v 01/1964 - 01/1967 V8 3.75in x 3.85in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B610A</b> STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
<b>MAINS</b>							
<b>5M1457A</b> STD, 010, 020, 030	1,2,4	76.187/2.9995	80.975/3.1880	2.375/.0935	21.97/.865	F810	7134A UL
		76.213/3.0005	81.001/3.1890				
	3	76.187/2.9995	80.975/3.1880	2.375/.0935	26.87/1.058	F810	7135A(F) UL
		76.213/3.0005	81.001/3.1890				
	5	76.187/2.9995	80.975/3.1880	2.375/.0935	21.97/.865	F810	7137A UL
		76.213/3.0005	81.001/3.1890				



# General Motors

46	Engine	Year	Cyl	Bore x Stroke	46		
	402ci (6.6L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/1972	V8	4.13in x 3.76in			
	454ci (7.4L) Big Block (Chev) V8 OHV 2v	01/1970 - 12/2000	V8	4.25in x 4.00in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B743A</b> STD, 01, 10, 20, 30, 40		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F810	7100A IH
<b>RACE SERIES</b> <b>8B743H</b> STD, 001, 009, 010, 011, 020	<b>CONROD</b>	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100H UL
<b>RACE SERIES</b> <b>8B743HD</b> STD, 001, 010	<b>CONROD</b>	<i>Dowel hole in upper half.</i>		1.572/.0619	22.58/.889	F781	7100H U
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100HD L
<b>RACE SERIES</b> <b>8B743HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX UL
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252				
<b>RACE SERIES</b> <b>8B743HDX</b> STD	<b>CONROD</b>	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX U
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HDX L
<b>8B743P</b> STD, 001, 010, 020, 030, 040,	<b>CONROD</b>	55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F780	7100 IH
<b>MAINS</b>							
<b>5M829A</b> STD, 01, 10, 20, 30, 40	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	26.46/1.042	F810	7102A UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.00/1.811	F810	7103A(F) UL
<b>RACE SERIES</b> <b>5M829H</b> STD, 001, 009, 010, 011, 020	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.372/.0934	26.50/1.043	F780	7102H UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.372/.0934	46.00/1.811	F780	7103H(F) UL
<b>RACE SERIES</b> <b>5M829HX</b> STD	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.359/.0929	26.50/1.043	F780	7102HX UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.359/.0929	46.00/1.811	F780	7103HX(F) UL
<b>5M829P</b> STD, 001, 010, 020, 030, 040	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	26.46/1.042	F780	7102 UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.05/1.813	F780	7103(F) UL
<b>CAMS</b>							
<b>5C616S</b> STD, STD, STD, 010	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247
	2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.136/.0841	24.89/.980	F23	7249



# General Motors



47 Engine				Year	Cyl	Bore x Stroke	47
366ci (6.0L) Big Block (Chev) V8 OHV 2v				01/1966 - 12/1967	V8	3.94in x 3.77in	
396ci (6.5L) Big Block (Chev) V8 OHV 2v				01/1964 - 12/1971	V8	4.09in x 3.77in	
427ci (7.0L) Big Block (Chev) V8 OHV 2v				01/1966 - 12/1969	V8	4.25in x 3.77in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B743A</b> STD, 01, 10, 20, 30, 40		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F810	7100A IH
<b>RACE SERIES</b>							
<b>8B743H</b> STD, 001, 009, 010, 011, 020		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100H UL
<b>RACE SERIES</b>							
<b>8B743HD</b> STD, 001, 010		<i>Dowel hole in upper half.</i>		1.572/.0619	22.58/.889	F781	7100H U
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.572/.0619	22.58/.889	F781	7100HD L
<b>RACE SERIES</b>							
<b>8B743HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX UL
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HX U
<b>RACE SERIES</b>							
<b>8B743HXD</b> STD		<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>		1.559/.0614	22.58/.889	F781	7100HX L
		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.559/.0614	22.58/.889	F781	7100HXD L
<b>CONROD</b>							
<b>8B743P</b> STD, 001, 010, 020, 030, 040,		55.855/2.1990 55.880/2.2000	59.047/2.3247 59.060/2.3252	1.575/.0620	22.58/.889	F780	7100 IH
<b>MAINS</b>							
<b>5M829A</b> STD, 01, 10, 20, 30, 40	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	26.46/1.042	F810	7102A UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.00/1.811	F810	7103A(F) UL
<b>RACE SERIES</b>							
<b>5M829H</b> STD, 001, 009, 010, 011, 020	1,2,3,4	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.372/.0934	26.50/1.043	F780	7102H UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.372/.0934	46.00/1.811	F780	7103H(F) UL
<b>RACE SERIES</b>							
<b>5M829HX</b> STD	1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		2.359/.0929	26.50/1.043	F780	7102HX UL
	5	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.359/.0929	46.00/1.811	F780	7103HX(F) UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.359/.0929	46.00/1.811	F780	7103HX(F) UL
<b>MAINS</b>							
<b>5M829P</b> STD, 001, 010, 020, 030, 040	1,2,3,4	<i>Partial Groove</i>		2.380/.0937	26.46/1.042	F780	7102 UL
	5	69.804/2.7482 69.830/2.7492	74.600/2.9370 74.625/2.9380	2.380/.0937	46.05/1.813	F780	7103(F) UL
	5	69.794/2.7478 69.819/2.7488	74.600/2.9370 74.625/2.9380	2.380/.0937	46.05/1.813	F780	7103(F) UL
<b>CAMS</b>							
<b>5C615S</b> Std	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247
	2	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248
	3,4	49.497/1.9487 49.522/1.9497	53.835/2.1195 53.861/2.1205	2.136/.0841	24.89/.980	F23	7249
	5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.270/.0894	25.02/.985	F23	7246
<b>CAMS</b>							
<b>5C616S</b> STD, STD, STD, 010	1	49.497/1.9487 49.522/1.9497	54.343/2.1395 54.369/2.1405	2.390/.0941	21.84/.860	F23	7247
	2,5	49.497/1.9487 49.522/1.9497	54.089/2.1295 54.115/2.1305	2.263/.0891	24.89/.980	F23	7248



# General Motors

47 Continued ...							47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C616S</b> STD, STD, STD, 010	3,4	49.497/1.9487	53.835/2.1195	2.136/.0841	24.89/.980	F23	7249
		49.522/1.9497	53.861/2.1205				

48 Engine				Year	Cyl	Bore x Stroke	48
153ci (2.5L) (Chev) Inline4 OHV 2v				01/1962 - 12/1970	L4	3.88in x 3.25in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>4B745A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A	
		50.800/2.0000	53.980/2.1252				IH	
<b>5M1733A</b> STD, 01, 10, 20, 30, 40	<b>MAINS</b>	<i>Standard width thrust for all undersizes.</i>						
		1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
			58.402/2.2993	63.287/2.4916				UL
		5	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
58.402/2.2993	63.287/2.4916					UL		
<b>3C400S</b> STD	<b>CAMS</b>	1,2	47.452/1.8682	50.775/1.9990	1.636/.0644	21.97/.865	F23	7348
			47.478/1.8692	50.825/2.0010				
		3	47.452/1.8682	51.029/2.0090	1.763/.0694	21.97/.865	F23	7349
		47.478/1.8692	51.079/2.0110					

49 Engine				Year	Cyl	Bore x Stroke	49
173ci (2.8L) (Chev) V6 OHV 2v				01/1980 - 12/1993	V6	3.50in x 2.99in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>6B1238A</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	50.759/1.9984	53.962/2.1245	1.575/.0620	18.29/.720	F810	7116A	
		50.785/1.9994	53.988/2.1255				IH	
<b>4M1494A</b> STD, 010, 020, 030, 40	<b>MAINS</b>	<i>For engines 1980-85 with 63.3mm small journal design.</i>						
		1	63.340/2.4937	68.250/2.6870	2.426/.0955	24.64/.970	F810	7117A
			63.363/2.4946	68.275/2.6880				UL
		2	63.340/2.4937	68.250/2.6870	2.426/.0955	18.85/.742	F810	7118A
			63.363/2.4946	68.275/2.6880				UL
3	63.340/2.4937	68.250/2.6870	2.426/.0955	23.93/.942	F810	7119A(F)		
63.363/2.4946	68.275/2.6880				UL			
<b>4M2037A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>For engines 1985 on with 67.2mm large journal design.</i>						
		1	67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F)
			67.264/2.6482	72.174/2.8415				UL
		2	67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A
			67.264/2.6482	72.174/2.8415				UL
3	67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A		
67.264/2.6482	72.174/2.8415				UL			
<b>4C1102S</b> STD	<b>CAMS</b>	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207
			47.490/1.8697	51.079/2.0110				
		2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
			47.490/1.8697	50.825/2.0010				
4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199		
47.490/1.8697	51.079/2.0110							
<b>4C1102SW</b> STD	<b>CAMS</b>	<i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 &amp; #3 bushes.</i>						
		1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
			47.490/1.8697	51.079/2.0110				
		2,3	47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208
			47.490/1.8697	51.079/2.0110				
4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199		
47.490/1.8697	51.079/2.0110							



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50	Engine	Year	Cyl	Bore x Stroke	50
	200ci (3.3L) (Chev) V6 OHV 2v <i>VIN Code M</i>	01/1978 - 12/1979	V6	3.50in x 3.48in	
	229ci (3.8L) (Chev) V6 OHV 2v <i>VIN Code 9,K</i>	01/1980 - 12/1984	V6	3.74in x 3.48in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1227A</b> STD, 010, 020, 030, 040		53.315/2.0990	56.507/2.2247	1.575/.0620	18.11/.713	F810	7110A
		53.340/2.1000	56.520/2.2252				IH
<b>MAINS</b>							
<b>4M1454A</b> STD, 01, 10, 20, 30, 40	1,2,3	62.189/2.4484	67.071/2.6406	2.426/.0955	20.50/.807	F810	2377A
		62.212/2.4493	67.094/2.6415				UL
	4	62.177/2.4479	67.071/2.6406	2.426/.0955	43.64/1.718	F810	2378A(F)
		62.200/2.4488	67.094/2.6415				UL
<b>CAMS</b>							
<i>For engines without ID number starting with "T" on front of block.</i>							
<b>4C1089S</b> STD	1	47.452/1.8682	51.283/2.0190	1.895/.0746	19.05/.750	F23	3349
		47.478/1.8692	51.333/2.0210				
	2,4	47.452/1.8682	51.029/2.0090	1.767/.0696	19.05/.750	F23	3347
		47.478/1.8692	51.079/2.0110				
	3	47.452/1.8682	50.775/1.9990	1.641/.0646	19.05/.750	F23	3346
		47.478/1.8692	50.825/2.0010				

51	Engine	Year	Cyl	Bore x Stroke	51
	400ci (6.6L) Small Block (Chev) V8 OHV 2v	01/1970 - 12/1980	V8	4.13in x 3.75in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B663A</b> STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
<b>RACE SERIES</b>							
<b>8B663H</b> STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				UL
<b>RACE SERIES</b>							
<b>8B663HD</b> STD, 001, 010		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD
		53.340/2.1000	56.520/2.2252				L
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				U
<b>RACE SERIES</b>							
<b>8B663HX</b> STD		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				UL
<b>RACE SERIES</b>							
<b>8B663HXD</b> STD		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HXD
		53.340/2.1000	56.520/2.2252				L
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX
		53.340/2.1000	56.520/2.2252				U
<b>CONROD</b>							
<b>8B663P</b> STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376
		53.340/2.1000	56.520/2.2252				IH
<b>MAINS</b>							
<b>5M1038A</b> STD, 001, 010, 020, 030, 040	1,2,3,4	67.269/2.6484	72.151/2.8406	2.423/.0954	20.44/.805	F810	7113A
		67.292/2.6493	72.174/2.8415				UL
	5	67.257/2.6479	72.151/2.8406	2.423/.0954	43.64/1.718	F810	7115A(F)
	67.280/2.6488	72.174/2.8415				UL	
<b>RACE SERIES</b>							
<b>5M1038H</b> STD, 001, 010	1,2,3,4	67.269/2.6484	72.151/2.8406	2.421/.0953	20.44/.805	F780	7113H
		67.292/2.6493	72.174/2.8415				UL
	5	67.257/2.6479	72.151/2.8406	2.421/.0953	43.64/1.718	F780	7115H(F)
	67.280/2.6488	72.174/2.8415				UL	



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51 Continued ...							51
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>5M1038HX</b> STD							
	1,2,3,4	67.269/2.6484 67.292/2.6493	72.151/2.8406 72.174/2.8415	2.408/.0948	20.44/.805	F780	7113HX UL
	5	67.257/2.6479 67.280/2.6488	72.151/2.8406 72.174/2.8415	2.408/.0948	43.64/1.718	F780	7115HX(F) UL
<b>5C3346C</b> STD							
	1,2,3,4,5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C
<b>5C3349</b> STD							
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346
<b>5C3349C</b> STD							
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.894/.0746	19.05/.750	F830	3349C
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F830	3347C
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C

52 Engine				Year	Cyl	Bore x Stroke	52
250ci (4.1L) (Chev) Inline6 OHV 2v				01/1964 - 12/1984	L6	3.88in x 3.56in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B745A</b> STD, 010, 020, 030, 040, 060							
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
<b>7M617A</b> STD, 010, 020, 030, 040							
	1,2,3,4,5,6	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL
	7	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	25.63/1.009	F810	7133A(F) UL
<b>4C399S</b> STD							
	1,4	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/.0694	21.97/.865	F23	5330
	2,3	47.425/1.8671 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.636/.0644	21.97/.865	F23	5331
<b>4C5157</b> STD							
	1,2,3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.638/.0645	22.10/.870	F23	5157

53 Engine				Year	Cyl	Bore x Stroke	53
265ci (4.3L) (Chev) V8 OHV 2v				01/1955 - 12/1957	V8	3.75in x 3.00in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B745A</b> STD, 010, 020, 030, 040, 060							
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
<b>RACE SERIES</b> <b>8B745H</b> STD, 001, 010							
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H UL
<b>RACE SERIES</b> <b>8B745HD</b> STD, 001, 010							
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370HD L
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H U



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**53 Continued ... 53**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B745HX</b> STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX UL
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>					
<b>8B745HXD</b> STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX U
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HXD L
<b>8B745P</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F780	2370 IH
<b>5M429A</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M429H</b> STD, 001, 010	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M429HX</b> STD	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	20.49/.807	F780	2372HX UL
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL
<b>5C287S</b> STD	<b>CAMS</b> 1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/.0744	18.92/.745	F23	5312
	2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.333/2.0210	1.763/.0694	18.92/.745	F23	5313
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/.0646	18.92/.745	F23	5314
	5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/.0694	24.00/.945	F23	5315

**54 Engine Year Cyl Bore x Stroke 54**

283ci (4.6L) (Chev) V8 OHV 2v	01/1955 - 12/1969	V8	3.88in x 3.00in
327ci (5.4L) Small Pin (Chev) V8 OHV 2v	01/1962 - 05/1969	V8	4.00in x 3.25in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>8B745A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F810	2370A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B745H</b> STD, 001, 010		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H UL
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Dowel hole in upper half.</i>					
<b>8B745HD</b> STD, 001, 010		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370HD L
		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F781	2370H U
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B745HX</b> STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX UL
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Dowel hole in upper half. 0.001" extra oil clearance on STD journal.</i>					
<b>8B745HXD</b> STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HX U



54		Continued ...						54	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>8B745HXD</b> STD		50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.564/.0616	21.38/.842	F781	2370HXD L		
<b>8B745P</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	50.775/1.9990 50.800/2.0000	53.967/2.1247 53.980/2.1252	1.577/.0621	21.38/.842	F780	2370 IH		
<b>5M429A</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL		
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.426/.0955	20.49/.807	F810	7132A UL		
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL		
	3	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.428/.0956	43.64/1.718	F810	7104A(F) UL		
<b>RACE SERIES</b> <b>5M429H</b> STD, 001, 010	<b>MAINS</b>								
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL		
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.423/.0954	20.49/.807	F780	2372H UL		
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL		
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.423/.0954	43.64/1.718	F780	7104H(F) UL		
<b>RACE SERIES</b> <b>5M429HX</b> STD	<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	20.49/.807	F780	2372HX UL		
	1,2,3,4	58.377/2.2983 58.402/2.2993	63.261/2.4906 63.287/2.4916	2.410/.0949	20.49/.807	F780	2372HX UL		
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL		
	5	58.364/2.2978 58.390/2.2988	63.261/2.4906 63.287/2.4916	2.410/.0949	43.64/1.718	F780	7104HX(F) UL		
<b>5C287S</b> STD	<b>CAMS</b>								
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.890/.0744	18.92/.745	F23	5312		
	2	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.333/2.0210	1.763/.0694	18.92/.745	F23	5313		
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.640/.0646	18.92/.745	F23	5314		
	5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.763/.0694	24.00/.945	F23	5315		
<b>5C3346C</b> STD	<b>CAMS</b>		<i>All housing bores constant at 1.9990"-2.000"/50.775-50.800mm (High Performance).</i>						
	1,2,3,4,5	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C		
<b>5C3349</b> STD	<b>CAMS</b>		<i>= 5C290S. Standard housing bores.</i>						
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.895/.0746	19.05/.750	F23	3349		
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F23	3347		
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F23	3346		
<b>5C3349C</b> STD	<b>CAMS</b>		<i>Standard housing bores (High Performance).</i>						
	1	47.452/1.8682 47.478/1.8692	51.283/2.0190 51.333/2.0210	1.894/.0746	19.05/.750	F830	3349C		
	2,5	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.767/.0696	19.05/.750	F830	3347C		
	3,4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.641/.0646	19.05/.750	F830	3346C		



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55	Engine	Year	Cyl	Bore x Stroke	55
	292ci (4.8L) (Chev) Inline6 OHV 2v VIN Code S,T	01/1963 - 12/1989	L6	3.88in x 4.13in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B663A</b> STD, 010, 020, 030, 040		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
<b>MAINS</b> <i>Standard width flanges for all undersizes.</i>							
<b>7M617A</b> STD, 010, 020, 030, 040	1,2,3,4,5,6	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	7	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
<b>CAMS</b>							
<b>4C399S</b> STD	1,4	47.452/1.8682	51.029/2.0090	1.763/.0694	21.97/.865	F23	5330
		47.478/1.8692	51.079/2.0110				
	2,3	47.425/1.8671	50.775/1.9990	1.636/.0644	21.97/.865	F23	5331
		47.478/1.8692	50.825/2.0010				
<b>CAMS</b> = 4C718S							
<b>4C5157</b> STD	1,2,3,4	47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				

56	Engine	Year	Cyl	Bore x Stroke	56
	122ci (2.0L) (Chev) Inline4 OHV 2v VIN Codes B,P,Y	01/1983 - 12/1986	L4	3.50in x 3.15in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B745A</b> STD, 010, 020, 030, 040, 060		50.775/1.9990	53.967/2.1247	1.577/.0621	21.38/.842	F810	2370A
		50.800/2.0000	53.980/2.1252				IH
<b>MAINS</b>							
<b>5M1567A</b> STD, .25, .50, .75, 1.00	1,2,3	63.360/2.4945	68.250/2.6870	2.423/.0954	18.72/.737	F810	7123A
		63.383/2.4954	68.273/2.6879				IH
	4	63.358/2.4944	68.250/2.6870	2.423/.0954	23.93/.942	F810	7124A(F)
		63.383/2.4954	68.275/2.6880				IH
	5	63.360/2.4945	68.250/2.6870	2.423/.0954	20.95/.825	F810	7125A
		63.383/2.4954	68.273/2.6879				UL
<b>CAMS</b>							
<b>5C1195S</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
		47.490/1.8697	51.079/2.0110				
	2,5	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198
		47.490/1.8697	50.825/2.0010				
	3,4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199
		47.490/1.8697	51.079/2.0110				

57	Engine	Year	Cyl	Bore x Stroke	57
	326ci (5.3L) (Pontiac) V8 OHV 2v	01/1963 - 12/1967	V8	3.72in x 3.75in	
	350ci (5.7L) (Pontiac) V8 OHV 2v	01/1968 - 12/1979	V8	3.88in x 3.75in	
	389ci (6.4L) (Pontiac) V8 OHV 2v	01/1959 - 12/1966	V8	4.06in x 3.75in	
	400ci (6.6L) (Pontiac) V8 OHV 2v	01/1967 - 12/1979	V8	4.12in x 3.75in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B758P</b> STD, 10, 20, 30, 40		57.117/2.2487	60.312/2.3745	1.572/.0619	22.37/.881	F780	7140
		57.142/2.2497	60.325/2.3750				IH
<b>MAINS</b> <i>Half groove, full groove in #5 position.</i>							
<b>5M483A</b> STD, 010, 020, 030, 040	1,2,3	76.175/2.9990	80.975/3.1880	2.382/.0938	23.82/.938	F810	7138A
		76.200/3.0000	81.001/3.1890				UL
	4	76.175/2.9990	80.975/3.1880	2.383/.0938	28.85/1.136	F810	7139A(F)
		76.200/3.0000	81.001/3.1890				UL
	5	76.175/2.9990	80.975/3.1880	2.382/.0938	40.38/1.590	F810	7136A
		76.200/3.0000	81.001/3.1890				UL



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57 Continued ...							57
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M496A</b> STD, 010, 020, 030	<b>MAINS</b> <i>Fully grooved in all positions.</i>						
	1,2,3	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/.0938	23.82/.938	F810	7138A UL
	4	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.383/.0938	28.85/1.136	F810	7139A(F) UL
	5	76.175/2.9990 76.200/3.0000	80.975/3.1880 81.001/3.1890	2.382/.0938	40.38/1.590	F810	7136A UL
	<b>CAMS</b>						
<b>5C292S</b> STD	1,2,3,4,5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/.0646	17.40/.685	F23	5300

58 Engine				Year	Cyl	Bore x Stroke	58
421ci (6.9L) (Pontiac) V8 OHV 2v				01/1961 - 12/1966	V8	4.10in x 4.00in	
428ci (7.0L) (Pontiac) V8 OHV 2v				01/1967 - 12/1969	V8	4.12in x 4.00in	
455ci (7.5L) (Pontiac) V8 OHV 2v				01/1970 - 12/1976	V8	4.15in x 4.21in	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B758P</b> STD, 10, 20, 30, 40	<b>CONROD</b>						
		57.117/2.2487 57.142/2.2497	60.312/2.3745 60.325/2.3750	1.572/.0619	22.37/.881	F780	7140 IH
<b>5C292S</b> STD	<b>CAMS</b>						
	1,2,3,4,5	48.240/1.8992 48.252/1.8997	51.554/2.0297 51.605/2.0317	1.640/.0646	17.40/.685	F23	5300

59 Engine				Year	Cyl	Bore x Stroke	59	
260ci (4.3L) (Olds) V8 OHV 2v				01/1975 - 12/1985	V8	3.50in x 3.39in		
350ci (5.7L) (Olds) V8 OHV 2v				01/1964 - 12/1986	V8	4.06in x 3.39in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>8B684A</b> STD, 10, 20, 30, 40	<b>CONROD</b>							
		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH	
<b>5M805A</b> STD, 010, 020, 030, 040	<b>MAINS</b>							
	1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8502A L	
	1,2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8505A U	
	2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F817	8505A L	
	3	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/.0936	30.35/1.195	F810	8503A(F) IH	
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	41.37/1.629	F810	8504A UL	
	<b>CAMS</b>							
	<b>5C1088S</b> STD	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5324
		2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320
		3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321
4		50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322	
5		49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323	
<b>CAMS</b>								
<b>5C638S</b> STD	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5319	
	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320	



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**59 Continued ... 59**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C638S</b> STD	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323

**60 Engine Year Cyl Bore x Stroke 60**

260ci (4.3L) (Olds) V8 OHV 2v Diesel VIN Code P	01/1982 - 12/1985	V8	3.50in x 3.39in
350ci (5.7L) (Olds) V8 OHV 2v Diesel VIN Code N	01/1978 - 12/1985	V8	4.06in x 3.39in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>8B684A</b> STD, 10, 20, 30, 40	<b>CONROD</b>							
			53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH
<b>5M804A</b> STD, 010, 020, 030, 040	<b>MAINS</b>							
	1		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8507A L
	1,2,4		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A U
	2,4		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A L
	3		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	30.38/1.196	F810	8508A(F) IH
	5		76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	41.28/1.625	F810	8509A UL
<b>5C1088S</b> STD	<b>CAMS</b>							
	1		51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5324
	2		51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320
	3		50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321
	4		50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322
	5		49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323

**61 Engine Year Cyl Bore x Stroke 61**

307ci (5.0L) (Olds) V8 OHV 2v	01/1980 - 12/1990	V8	3.80in x 3.39in
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>8B684A</b> STD, 10, 20, 30, 40	<b>CONROD</b>							
			53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH
<b>5M805A</b> STD, 010, 020, 030, 040	<b>MAINS</b>							
	1		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8502A L
	1,2,4		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8505A U
	2,4		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F817	8505A L
	3		63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/.0936	30.35/1.195	F810	8503A(F) IH
	5		63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	41.37/1.629	F810	8504A UL
<b>5C1088S</b> STD	<b>CAMS</b>							
	1		51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5324



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61 Continued ...							61
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C10885</b> STD	2	51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320
	3	50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321
	4	50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322
	5	49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323
	<b>PISTON PIN BUSH</b>						
<b>RB3049YA20</b> UNB					23.37/.920	F100	RB3049YA20

62 Engine		Year	Cyl	Bore x Stroke	62			
330ci (5.4L) (Olds) V8 OHV 2v		01/1964 - 12/1967	V8					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>8B684A</b> STD, 10, 20, 30, 40		53.945/2.1238 53.970/2.1248	57.137/2.2495 57.150/2.2500	1.572/.0619	21.11/.831	F810	8500A IH	
	<b>MAINS</b>							
<b>5M805A</b> STD, 010, 020, 030, 040	1	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8502A L	
	1,2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F810	8505A U	
	2,4	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	24.76/.975	F817	8505A L	
	3	63.457/2.4983 63.482/2.4993	68.250/2.6870 68.275/2.6880	2.377/.0936	30.35/1.195	F810	8503A(F) IH	
	5	63.462/2.4985 63.487/2.4995	68.250/2.6870 68.275/2.6880	2.377/.0936	41.37/1.629	F810	8504A UL	
	<b>CAMS</b>							
	<b>5C638S</b> STD	1	51.707/2.0357 51.727/2.0365	55.067/2.1680 55.105/2.1695	1.640/.0646	17.60/.693	F23	5319
2		51.199/2.0157 51.219/2.0165	54.560/2.1480 54.597/2.1495	1.640/.0646	17.60/.693	F23	5320	
3		50.691/1.9957 50.711/1.9965	54.051/2.1280 54.090/2.1295	1.640/.0646	17.60/.693	F23	5321	
4		50.183/1.9757 50.203/1.9765	53.543/2.1080 53.581/2.1095	1.640/.0646	447.04/17.600	F23	5322	
5		49.675/1.9557 49.695/1.9565	53.035/2.0880 53.073/2.0895	1.640/.0646	17.60/.693	F23	5323	

63 Engine		Year	Cyl	Bore x Stroke	63		
400ci (6.6L) (Olds) V8 OHV 2v		01/1965 - 12/1969	V8	4.00in x 3.98in			
425ci (7.0L) (Olds) V8 OHV 2v		01/1965 - 12/1967	V8	4.13in x 3.98in			
455ci (7.5L) (Olds) V8 OHV 2v		01/1968 - 12/1976	V8	4.13in x 4.25in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B542A</b> STD, 010, 020, 030, 40, 50		63.480/2.4992 63.505/2.5002	66.662/2.6245 66.675/2.6250	1.572/.0619	20.98/.826	F810	8506A IH
	<b>MAINS</b>						
<b>5M804A</b> STD, 010, 020, 030, 040	1	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8507A L
	1,2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A U
	2,4	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	24.87/.979	F810	8512A L
	3	76.182/2.9993 76.208/3.0003	80.975/3.1880 81.001/3.1890	2.377/.0936	30.38/1.196	F810	8508A(F) IH

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**63 Continued ... 63**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M804A</b> STD, 010, 020, 030, 040	5	76.182/2.9993	80.975/3.1880	2.377/.0936	41.28/1.625	F810	8509A UL
		76.208/3.0003	81.001/3.1890				
<b>5C638S</b> STD	1	51.707/2.0357	55.067/2.1680	1.640/.0646	17.60/.693	F23	5319
		51.727/2.0365	55.105/2.1695				
	2	51.199/2.0157	54.560/2.1480	1.640/.0646	17.60/.693	F23	5320
		51.219/2.0165	54.597/2.1495				
	3	50.691/1.9957	54.051/2.1280	1.640/.0646	17.60/.693	F23	5321
		50.711/1.9965	54.090/2.1295				
	4	50.183/1.9757	53.543/2.1080	1.640/.0646	447.04/17.600	F23	5322
50.203/1.9765		53.581/2.1095					
5	49.675/1.9557	53.035/2.0880	1.640/.0646	17.60/.693	F23	5323	
	49.695/1.9565	53.073/2.0895					

**64 Engine 64**  
**403ci (6.6L) (Olds) V8 OHV 2v**      **Year** 01/1977 - 12/1979      **Cyl** V8      **Bore x Stroke** 4.35in x 3.39in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B684A</b> STD, 10, 20, 30, 40	<b>CONROD</b>	53.945/2.1238	57.137/2.2495	1.572/.0619	21.11/.831	F810	8500A IH
		53.970/2.1248	57.150/2.2500				
<b>5M805A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	63.462/2.4985	68.250/2.6870	2.377/.0936	24.76/.975	F810	8502A L
		63.487/2.4995	68.275/2.6880				
	1,2,4	63.462/2.4985	68.250/2.6870	2.377/.0936	24.76/.975	F810	8505A U
		63.487/2.4995	68.275/2.6880				
	2,4	63.462/2.4985	68.250/2.6870	2.377/.0936	24.76/.975	F817	8505A L
		63.487/2.4995	68.275/2.6880				
	3	63.457/2.4983	68.250/2.6870	2.377/.0936	30.35/1.195	F810	8503A(F) IH
		63.482/2.4993	68.275/2.6880				
5	63.462/2.4985	68.250/2.6870	2.377/.0936	41.37/1.629	F810	8504A UL	
	63.487/2.4995	68.275/2.6880					
<b>5C1088S</b> STD	1	51.707/2.0357	55.067/2.1680	1.640/.0646	17.60/.693	F23	5324
		51.727/2.0365	55.105/2.1695				
	2	51.199/2.0157	54.560/2.1480	1.640/.0646	17.60/.693	F23	5320
		51.219/2.0165	54.597/2.1495				
	3	50.691/1.9957	54.051/2.1280	1.640/.0646	17.60/.693	F23	5321
		50.711/1.9965	54.090/2.1295				
	4	50.183/1.9757	53.543/2.1080	1.640/.0646	447.04/17.600	F23	5322
50.203/1.9765		53.581/2.1095					
5	49.675/1.9557	53.035/2.0880	1.640/.0646	17.60/.693	F23	5323	
	49.695/1.9565	53.073/2.0895					





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1159cc Inline4 OHV 2v	01/1966 - 07/1972	L4	1159	70	14
C12NZ 1196cc Inline4 SOHC 2v	01/1994 - 09/1997	L4	1196	72	17
1256cc Inline4 OHV 2v	01/1971 - 12/1985	L4	1256	76	16
C14NZ 1389cc Inline4 SOHC 2v	04/1994 - 07/1997	L4	1389	84	17
C14SE 1389cc Inline4 SOHC 2v	04/1997 - 09/2002	L4	1389	84	17
Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2004	L4	1389	84	17
1598cc 16JH Family II Gen1 Inline4 SOHC 2v	01/1982 - 03/1987	L4	1598	97	15
1598cc 16LF Family II Gen1 Inline4 SOHC 2v	01/1982 - 09/1991	L4	1598	97	15
C16SE 1598cc Inline4 SOHC 2v	08/1996 - 09/1998	L4	1598	97	17
C16XE 1598cc Inline4 DOHC 4v	04/1994 - 11/1999	L4	1598	97	17
Z16SE 1598cc Inline4 SOHC 2v	09/2002 - On	L4	1598	97	17
1796cc 18JC Family II Gen 2 Inline4 SOHC 2v	01/1986 - 03/1987	L4	1796	109	7
1796cc 18JU Family II Gen1 Inline4 SOHC 2v	11/1984 - 03/1987	L4	1796	109	15
1796cc 18LE Family II Gen 2 Inline4 SOHC 2v	01/1987 - 09/1991	L4	1796	109	7
X18XE 1796cc Inline4 DOHC 4v	08/1998 - 10/2001	L4	1796	109	7
X18XE1 1796cc Inline4 DOHC 4v	01/1998 - 11/2000	L4	1796	109	4
Z18XE 1796cc Inline4 DOHC 4v Non VVT	11/2000 - On	L4	1796	109	11
C18SEL 1799cc Inline4 DOHC 4v	01/1995 - 12/1998	L4	1799	109	7
C18XE 1799cc Inline4 DOHC 4v	09/1993 - 02/1998	L4	1799	109	7
1.9L Starfire Inline4 OHV 2v	09/1978 - 03/1984	L4	1891	115	25
1998cc 20JD Family II Gen 2 Inline4 SOHC 2v	04/1987 - 08/1989	L4	1998	121	24
C20LET 1998cc Inline4 DOHC 4v Turbo	07/1994 - 11/1997	L4	1998	121	10
C20NE 1998cc Inline4 SOHC 2v	10/1991 - 12/1997	L4	1998	121	23
C20SEL 1998cc Inline4 DOHC 4v	06/1997 - 08/2000	L4	1998	121	23
C20XE 1998cc Inline4 DOHC 4v	10/1991 - 10/1997	L4	1998	121	23
X20SE 1998cc Inline4 SOHC 2v	01/1995 - 12/2000	L4	1998	121	23
X20SED 1998cc Inline4 DOHC 4v	07/1997 - 12/2003	L4	1998	121	27
X20XEV 1998cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	1998	121	23
Z20LET 1998cc Inline4 DOHC 4v Turbo	05/2003 - On	L4	1998	121	26
132ci Grey Motor Inline6 OHV 2v	01/1948 - 12/1959	L6	2174	132	13
C22NE 2198cc Inline4 SOHC 2v	06/1998 - 02/2003	L4	2198	134	6
C22SEL 2198cc Inline4 DOHC 4v	06/1997 - 02/2003	L4	2198	134	6
X22SE 2198cc Inline4 DOHC 4v	02/1999 - 11/2002	L4	2198	134	6
X22XE 2198cc Inline4 DOHC 4v	02/1995 - 09/1999	L4	2198	134	6
Z22SE 2198cc Inline4 DOHC 4v	10/2001 - On	L4	2198	134	12
138ci Grey Motor Inline6 OHV 2v	01/1960 - 08/1963	L6	2261	138	13
138ci Red Motor Inline6 OHV 2v	10/1969 - 03/1974	L6	2261	138	1
C24SE 2405cc Inline4 SOHC 2v	02/2003 - On	L4	2405	146	9
149ci Red Motor Inline6 OHV 2v	08/1963 - 04/1966	L6	2441	149	1
C25XE 2498cc V6 DOHC 4v	07/1993 - 12/1998	V6	2498	152	22
X25XE 2498cc V6 DOHC 4v	01/1995 - 02/2003	V6	2498	152	22
161ci Red Motor Inline6 OHV 2v	04/1966 - 02/1972	L6	2638	161	1
173ci Red Motor Inline6 OHV 2v	07/1971 - 03/1980	L6	2834	173	2
173ci (2850) Blue Motor Inline6 OHV 2v	03/1980 - 12/1985	L6	2850	173	2
179ci Inline6 OHV 2v	08/1963 - 04/1966	L6	2933	179	1
3.0L LF1 SIDI (Alloytec) HFV6 DOHC 4v	08/2009 - On	V6	2997	182	5
186ci Red Motor Inline6 OHV 2v	04/1966 - 01/1972	L6	3048	186	1
3.2L 10HMA (Alloytec) HFV6 DOHC 4v	01/2006 - On	V6	3195	194	5
202ci Blue/Black Inline6 OHV 2v	03/1980 - 03/1986	L6	3310	202	2
202ci Red Motor Inline6 OHV 2v	07/1971 - 12/1984	L6	3310	202	2
3.6L LLT SIDI (Alloytec) HFV6 DOHC 4v	08/2009 - On	V6	3564	217	5
3.6L LY7 (Alloytec) HFV6 DOHC 4v	08/2004 - On	V6	3564	217	5
3.8L Ecotec V6 OHV 2v	04/1995 - 08/2004	V6	3791	231	19
3.8L Ecotec V6 OHV 2v S/Charged	09/1996 - 08/2004	V6	3791	231	20
3.8L V6 OHV 2v	08/1988 - 04/1995	V6	3791	231	18
253ci Blue Motor V8 OHV 2v	03/1980 - 12/1984	V8	4145	253	3
253ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	4145	253	3
5.0L 4987cc V8 OHV 2v	10/1986 - 10/1988	V8	4987	304	3



# Holden



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
5.0L 4987cc V8 OHV EFI 2v	03/1988 - 12/2000	V8	4987	304	3
308ci Blue/Black V8 OHV 2v	03/1980 - 08/1986	V8	5047	308	3
308ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	5047	308	3
5.7L Gen III LS1 V8 OHV 2v	06/1999 - On	V8	5665	345	28
5.7L 5737cc V8 OHV EFI 2v	01/1994 - 06/1999	V8	5737	350	3
355ci Stroker V8 OHV 2v	01/1960 - 01/1990	V8	5817	355	21
6.0L Gen IV L76 V8 OHV 2v	01/2006 - On	V8	5967	364	8
6.0L Gen IV L98 V8 OHV 2v	08/2006 - On	V8	5967	364	8



1 Engine		Year	Cyl	Bore x Stroke	1		
138ci Red Motor Inline6 OHV 2v		10/1969 - 03/1974	L6	3.13in x 3.00in			
149ci Red Motor Inline6 OHV 2v		08/1963 - 04/1966	L6	3.25in x 3.00in			
161ci Red Motor Inline6 OHV 2v		04/1966 - 02/1972	L6	3.38in x 3.00in			
179ci Inline6 OHV 2v		08/1963 - 04/1966	L6	3.56in x 3.00in			
186ci Red Motor Inline6 OHV 2v		04/1966 - 01/1972	L6	3.63in x 3.00in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2380</b> STD, 001, 002, 010, 020, 030,		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.575/.0620	18.34/.722	F780	2380 IH
<b>RACE SERIES</b>							
<b>6B2380H</b> STD, 001, 010, 020		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.572/.0619	18.34/.722	F781	2380H IH
<b>RACE SERIES</b>							
<b>6B2380HX</b> STD		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.559/.0614	18.34/.722	F781	2380HX IH
<b>RACE SERIES</b>							
<b>7M2384H</b> STD, 001, 010, 020	1,2,3,4,5,6	55.824/2.1978 55.849/2.1988	60.721/2.3906 60.747/2.3916	2.423/.0954	20.49/.807	F780	2384H UL
	7	55.824/2.1978 55.850/2.1988	60.721/2.3906 60.747/2.3916	2.423/.0954	25.63/1.009	F780	2385H(F) UL
<b>RACE SERIES</b>							
<b>7M2384HX</b> STD	1,2,3,4,5,6	55.824/2.1978 55.849/2.1988	60.721/2.3906 60.747/2.3916	2.410/.0949	20.49/.807	F780	2384HX UL
	7	55.824/2.1978 55.850/2.1988	60.721/2.3906 60.747/2.3916	2.410/.0949	25.63/1.009	F780	2385HX(F) UL
<b>RACE SERIES</b>							
<b>7M2384P</b> STD, 001, 010, 020, 030, 040	1,2,3,4,5,6	55.824/2.1978 55.849/2.1988	60.721/2.3906 60.747/2.3916	2.426/.0955	20.50/.807	F780	2384 UL
	7	55.824/2.1978 55.850/2.1988	60.721/2.3906 60.747/2.3916	2.426/.0955	25.63/1.009	F780	2385(F) UL
<b>RACE SERIES</b>							
<b>4C5116</b> STD, 001, 005, 010	1,2,3,4	44.844/1.7655 44.856/1.7660	48.153/1.8958 48.204/1.8978	1.636/.0644	21.08/.830	F23	5116
<b>CAMS</b>							
<b>2 Engine</b>		<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>2</b>		
173ci (2850) Blue Motor Inline6 OHV 2v		03/1980 - 12/1985	L6	88.9mm x 76.2mm			
173ci Red Motor Inline6 OHV 2v		07/1971 - 03/1980	L6	3.50in x 3.00in			
202ci Blue/Black Inline6 OHV 2v		03/1980 - 03/1986	L6	3.63in x 3.25in			
202ci Red Motor Inline6 OHV 2v		07/1971 - 12/1984	L6	3.63in x 3.25in			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2380</b> STD, 001, 002, 010, 020, 030,		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.575/.0620	18.34/.722	F780	2380 IH
<b>RACE SERIES</b>							
<b>6B2380H</b> STD, 001, 010, 020		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.572/.0619	18.34/.722	F781	2380H IH
<b>RACE SERIES</b>							
<b>6B2380HX</b> STD		48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.559/.0614	18.34/.722	F781	2380HX IH
<b>RACE SERIES</b>							
<b>7M2398H</b> STD, 001, 010, 020	1,2,3,4,5,6	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.423/.0954	20.50/.807	F780	2398H UL
	7	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.423/.0954	25.63/1.009	F780	2399H(F) UL
<b>RACE SERIES</b>							
<b>7M2398HX</b> STD	1,2,3,4,5,6	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.410/.0949	20.50/.807	F780	2398HX UL



2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M2398HX</b> STD	7	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.410/.0949	25.63/1.009	F780	2399HX(F) UL
<b>7M2398P</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4,5,6	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	20.50/.807	F780	2398 UL
	7	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	25.63/1.009	F780	2399(F) UL
<b>4C5116</b> STD, 001, 005, 010	<b>CAMS</b> 1,2,3,4	44.844/1.7655 44.856/1.7660	48.153/1.8958 48.204/1.8978	1.636/.0644	21.08/.830	F23	5116

3 Engine	Year	Cyl	Bore x Stroke	3
253ci Blue Motor V8 OHV 2v	03/1980 - 12/1984	V8	3.63in x 3.06in	
253ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	3.63in x 3.06in	
308ci Blue/Black V8 OHV 2v	03/1980 - 08/1986	V8	4.00in x 3.06in	
308ci Red Motor V8 OHV 2v	01/1969 - 12/1984	V8	4.00in x 3.00in	
5.0L 4987cc V8 OHV 2v	10/1986 - 10/1988	V8	101.6mm x 76.9mm	
5.0L 4987cc V8 OHV EFI 2v	03/1988 - 12/2000	V8	101.6mm x 76.9mm	
5.7L 5737cc V8 OHV EFI 2v	01/1994 - 06/1999	V8	101.6mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>8B2356H</b> STD, 001, 010, 020	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.142/2.2497 57.160/2.2504	1.572/.0619	19.75/.778	F781	2356H UL
<b>RACE SERIES</b> <b>8B2356HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	19.75/.778	F781	2356HX UL
<b>8B2356P</b> STD, 001, 010, 020, 030, 040,	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.142/2.2497 57.160/2.2504	1.575/.0620	19.75/.778	F780	2356 IH
<b>5M2354</b> 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4	<i>Has overwidth flanges: 010/020=Std+010", 030/040=Std+020"</i>		2.426/.0955	22.73/.895	F780	2357 UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.553/.1005	27.96/1.101	F780	2354(F) UL
<b>5M2357</b> STD, 001, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.426/.0955	22.73/.895	F780	2357 UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.426/.0955	27.71/1.091	F780	2358(F) UL
<b>RACE SERIES</b> <b>5M2357H</b> STD, 001, 010, 020	<b>MAINS</b> 1,2,3,4	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	22.73/.895	F780	2357H UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	27.71/1.091	F780	2358H(F) UL
<b>RACE SERIES</b> <b>5M2357HX</b> STD	<b>MAINS</b> 1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		2.410/.0949	22.73/.895	F780	2357HX UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.410/.0949	27.71/1.091	F780	2358HX(F) UL
<b>5C5146</b> STD, 002	<b>CAMS</b> 1	47.960/1.8882 47.986/1.8892	51.537/2.0290 51.587/2.0310	1.765/.0695	20.06/.790	F23	5146
	2	47.960/1.8882 47.986/1.8892	51.283/2.0190 51.333/2.0210	1.638/.0645	20.06/.790	F23	5147
	3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.765/.0695	20.06/.790	F23	5148
	4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.638/.0645	20.06/.790	F23	5149





3 Continued ...								3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5C5146</b> STD, 002	5	40.107/1.5790 40.132/1.5800	43.429/1.7098 43.480/1.7118	1.638/.0645	20.06/.790	F23	5140	
<b>RACE SERIES</b>		<b>CAMS</b>						
<b>5C5146C</b> STD, 002, 010	1	47.960/1.8882 47.986/1.8892	51.537/2.0290 51.587/2.0310	1.765/.0695	20.06/.790	F830	5146C	
	2	47.960/1.8882 47.986/1.8892	51.283/2.0190 51.333/2.0210	1.638/.0645	20.06/.790	F830	5147C	
	3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.765/.0695	20.06/.790	F830	5148C	
	4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.638/.0645	20.06/.790	F830	5149C	
	5	40.107/1.5790 40.132/1.5800	43.429/1.7098 43.480/1.7118	1.638/.0645	20.06/.790	F830	5140C	

4 Engine				Year	Cyl	Bore x Stroke	4
X18XE1 1796cc Inline4 DOHC 4v				01/1998 - 11/2000	L4	80.5mm x 88.2mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Oil hole in upper and lower shell. Supersedes 4B1340 and 4B1345. Was 4B1451AL.</i>							
<b>4B1350A</b> STD, .25, .50, .75, 1.00		42.971/1.6918 42.987/1.6924	46.000/1.8110 46.013/1.8115	1.497/.0589	16.63/.655	F810	1350A IH
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
<b>5M1338A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5 3	54.972/2.1642 54.985/2.1648	59.000/2.3228 59.013/2.3233	2.001/.0788	19.50/.768	F810	1338A IH
		54.972/2.1642 54.985/2.1648	59.000/2.3228 59.013/2.3233	2.001/.0788	25.90/1.020	F810	1339A(F) IH

5 Engine				Year	Cyl	Bore x Stroke	5
3.0L LF1 SIDI (Alloytec) HFV6 DOHC 4v				08/2009 - On	V6	89.0mm x 80.3mm	
3.2L 10HMA (Alloytec) HFV6 DOHC 4v				01/2006 - On	V6	89.0mm x 85.6mm	
3.6L LLT SIDI (Alloytec) HFV6 DOHC 4v				08/2009 - On	V6	94.0mm x 85.6mm	
3.6L LY7 (Alloytec) HFV6 DOHC 4v				08/2004 - On	V6	94.0mm x 85.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2270A</b> STD, .25, .50, .75, 1.00		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.801/.0709	18.55/.730	F810	2270A IH
<b>RACE SERIES</b>							
<b>6B2270H</b> Std, .025, .25		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.798/.0708	18.55/.730	F781	2270H IH
<b>RACE SERIES</b>							
<b>6B2270HX</b> Std		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.785/.0703	18.55/.730	F781	2270HX IH
<b>MAINS</b>							
<b>4M2273A</b> STD, .25, .50, .75, 1.00	1,2,4 3 3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A UL
		67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A L
		67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	24.29/.956	F810	2274A(F) U
<b>RACE SERIES</b>							
<b>4M2273H</b> Std, .025, .25	1,2,4 3 3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H UL
		67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	24.29/.956	F780	2274H(F) U
		67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H L



**5 Continued ...** **5**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4M2273HX</b> Std	<b>MAINS</b> 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F780	2273HX UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F770	2273HX L

**6 Engine** **6**

	Year	Cyl	Bore x Stroke
C22NE 2198cc Inline4 SOHC 2v	06/1998 - 02/2003	L4	86.0mm x 94.6mm
C22SEL 2198cc Inline4 DOHC 4v	06/1997 - 02/2003	L4	86.0mm x 94.6mm
X22SE 2198cc Inline4 DOHC 4v	02/1999 - 11/2002	L4	86.0mm x 94.6mm
X22XE 2198cc Inline4 DOHC 4v	02/1995 - 09/1999	L4	86.0mm x 94.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	<b>CONROD</b>	<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
<b>RACE SERIES</b> <b>4B2322H</b> STD, .025, .25, .50	<b>CONROD</b>	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
<b>RACE SERIES</b> <b>4B2322HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
	<b>MAINS</b>	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
<b>5M2325A</b> STD, .25, .50, .75, 1.00	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F810 F810	2327A IH 2325A(F) IH

**7 Engine** **7**

	Year	Cyl	Bore x Stroke
1796cc 18JC Family II Gen 2 Inline4 SOHC 2v	01/1986 - 03/1987	L4	84.8mm x 79.5mm
1796cc 18LE Family II Gen 2 Inline4 SOHC 2v	01/1987 - 09/1991	L4	84.8mm x 79.5mm
C18SEL 1799cc Inline4 DOHC 4v	01/1995 - 12/1998	L4	81.6mm x 86.0mm
C18XE 1799cc Inline4 DOHC 4v	09/1993 - 02/1998	L4	81.6mm x 86.0mm
X18XE 1796cc Inline4 DOHC 4v	08/1998 - 10/2001	L4	81.6mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	<b>CONROD</b>	<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
<b>RACE SERIES</b> <b>4B2322H</b> STD, .025, .25, .50	<b>CONROD</b>	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
<b>RACE SERIES</b> <b>4B2322HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL
	<b>MAINS</b>	<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>					
<b>5M2293A</b> STD, .25, .50	1,2,4,5 3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785 1.995/.0785	19.50/.768 25.90/1.020	F820 F820	2293AL UL 2294AL UL
	<b>MAINS</b>	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>					
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH





7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2327A</b> STD, .25, .50, .75, 1.00	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b>		<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>					
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

8 Engine				Year	Cyl	Bore x Stroke	8
6.0L Gen IV L76 V8 OHV 2v				01/2006 - On	V8	4.00in x 3.62in	
6.0L Gen IV L98 V8 OHV 2v				08/2006 - On	V8	4.00in x 3.62in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B663A</b> STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A
		53.340/2.1000	56.520/2.2252				IH
<b>RACE SERIES</b>							
<b>8B663H</b> STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H
		53.340/2.1000	56.520/2.2252				UL
<b>RACE SERIES</b>							
<b>8B663HD</b> STD, 001, 010		<i>Dowel hole in upper half.</i>		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837
		53.340/2.1000	56.520/2.2252	F781	2376H		
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD
		53.340/2.1000	56.520/2.2252				L
<b>RACE SERIES</b>							
<b>8B663HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837
		53.340/2.1000	56.520/2.2252	F781	2376HX		
<b>RACE SERIES</b>							
<b>8B663HXD</b> STD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837
		53.340/2.1000	56.520/2.2252	F781	2376HX		
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HDX
		53.340/2.1000	56.520/2.2252				L
<b>CONROD</b>							
<b>8B663P</b> STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376
		53.340/2.1000	56.520/2.2252				IH
<b>MAINS</b>							
<b>5M7297A</b> STD, 010, 020, 030, 040	1,2,4,5	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F810	7298A
		65.007/2.5593	69.887/2.7515				UL
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F810	7297A(F)
		65.007/2.5593	69.887/2.7515				UL
<b>RACE SERIES</b>							
<b>5M7297H</b> STD, 001, 010, 020	1,2,4,5	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F780	7298H
		65.007/2.5593	69.887/2.7515				UL
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F780	7297H(F)
		65.007/2.5593	69.887/2.7515				UL
<b>RACE SERIES</b>							
<b>5M7297HX</b> STD	1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>		64.993/2.5588	69.873/2.7509	2.417/.0952	20.45/.805
		65.007/2.5593	69.887/2.7515				F780
	3	64.993/2.5588	69.873/2.7509	2.417/.0952	26.10/1.028	F780	7297HX(F)
		65.007/2.5593	69.887/2.7515				UL
<b>CAMS</b>							
<b>5C1001S</b> STD	1,5	<i>2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</i>					
		54.991/2.1650	59.588/2.3460	2.260/.0890	16.00/.630	F23	CH-23-1
		55.042/2.1670	59.639/2.3480				
	2,4	54.991/2.1650	59.080/2.3260	2.029/.0799	16.00/.630	F23	CH-10-1
		55.042/2.1670	59.131/2.3280				
3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3	
		55.042/2.1670	58.631/2.3083				



9 Engine		Year		Cyl	Bore x Stroke	9	
C24SE 2405cc Inline4 SOHC 2v		02/2003 - On		L4	87.5mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b> <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
<b>5M2293A</b> STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL

10 Engine		Year		Cyl	Bore x Stroke	10	
C20LET 1998cc Inline4 DOHC 4v Turbo		07/1994 - 11/1997		L4	86.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
<b>4B2320A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A
		48.987/1.9286	52.012/2.0477				UL
<b>CONROD</b> <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
<b>4B2320P</b> STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b> <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
<b>5M2293A</b> STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b> <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH



11 Engine		Year		Cyl	Bore x Stroke		11
Z18XE 1796cc Inline4 DOHC 4v Non VVT Not Variable Valve Timed Engine.		11/2000 - On		L4	80.5mm x 88.2mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> (For South Africa). Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES CONROD</b> (For South Africa).							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES CONROD</b> (For South Africa). 0.001" extra oil clearance on STD journal.							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b> Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.							
<b>5M1338A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A
		54.985/2.1648	59.013/2.3233				IH
	3	54.972/2.1642	59.000/2.3228	2.001/.0788	25.90/1.020	F810	1339A(F)
		54.985/2.1648	59.013/2.3233				IH
<b>MAINS</b> (For South Africa). Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.							
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b> (For South Africa). Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.							
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

12 Engine		Year		Cyl	Bore x Stroke		12
Z22SE 2198cc Inline4 DOHC 4v		10/2001 - On		L4	86.0mm x 94.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2296A</b> STD, .25, .50, .75		49.000/1.9291	52.118/2.0519	1.542/.0607	20.30/.799	F810	2296A
		49.014/1.9297	52.134/2.0525				IH
<b>MAINS</b>							
<b>5M2232A</b> STD, 10, 20	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/.1589	19.79/.779	F810	7320A
		56.007/2.2050	64.081/2.5229				UL
	2	55.991/2.2044	64.066/2.5223	4.041/.1591	25.88/1.019	F810	7321A(F)
		56.007/2.2050	64.081/2.5229				UL

13 Engine		Year		Cyl	Bore x Stroke		13
132ci Grey Motor Inline6 OHV 2v 138ci Grey Motor Inline6 OHV 2v		01/1948 - 12/1959 01/1960 - 08/1963		L6 L6	76.2mm x 79.4mm 3.06in x 3.13in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B5001A</b> STD, 010, 020, 030, 040		44.399/1.7480	47.612/1.8745	1.582/.0623	25.96/1.022	F820	5001AL
		44.425/1.7490	47.625/1.8750				IH
<b>MAINS</b> Has overwidth flanges for undersizes: Std=Std, 010/020"=Std+004", 030/040"=Std+008".							
<b>4M3084A</b> STD, 010, 020, 030, 040	1,4	50.749/1.9980	54.648/2.1515	1.918/.0755	32.13/1.265	F820	3084AL
		50.762/1.9985	54.661/2.1520				IH
	2	50.749/1.9980	54.648/2.1515	1.918/.0755	30.04/1.183	F820	3085AL(F)
		50.762/1.9985	54.661/2.1520				IH



**13 Continued ... 13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M3084A</b> STD, 010, 020, 030, 040	3	50.749/1.9980 50.762/1.9985	54.648/2.1515 54.661/2.1520	1.918/.0755	25.27/.995	F820	3086AL IH
<b>CAMS</b>							
<b>4C3088</b> STD, 005, 010	1	46.825/1.8435 46.850/1.8445	50.102/1.9725 50.127/1.9735	1.619/.0637	25.65/1.010	F23	3088DR
	2	46.017/1.8117 46.043/1.8127	49.289/1.9405 49.314/1.9415	1.619/.0637	22.48/.885	F23	3089DR
	3	45.225/1.7805 45.250/1.7815	48.501/1.9095 48.527/1.9105	1.619/.0637	22.48/.885	F23	3090DR
	4	31.750/1.2500 31.775/1.2510	35.014/1.3785 35.039/1.3795	1.619/.0637	22.48/.885	F23	3091DR
<b>PISTON PIN BUSH</b> <i>Has Reaming Allowance.</i>							
<b>RB808</b>		19.050/.7500 19.050/.7500	22.200/.8740 22.238/.8755	1.650/.0650	25.40/1.000	F100	RB808
<b>PISTON PIN BUSH</b>							
<b>RB876</b>		19.050/.7500 19.050/.7500	22.200/.8740 22.238/.8755	1.850/.0728	25.40/1.000	F100	RB876
<b>ROCKER ARM BUSH</b>							
<b>B777</b>		20.130/.7925 20.155/.7935	23.292/.9170 23.317/.9180		21.59/.850	F100	B777

**14 Engine Year Cyl Bore x Stroke 14**

1159cc Inline4 OHV 2v 01/1966 - 07/1972 L4 77.7mm x 61.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5121A</b> STD, 010, 020, 030, 040		44.971/1.7705 44.988/1.7712	48.158/1.8960 48.171/1.8965	1.570/.0618	19.20/.756	F820	5121AL IH
	<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>						
<b>3M5123A</b> STD, 010, 020, 030, 040	1,3	53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840	1.994/.0785	25.57/1.007	F820	5122AL IH
	2	53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840	1.989/.0783	32.74/1.289	F820	5123AL(F) UL
	<b>CAMS</b>						
<b>3C5126</b> STD	1	40.963/1.6127 40.975/1.6132	44.000/1.7323 44.025/1.7333	1.486/.0585	21.00/.827	F23	5126
	2	40.462/1.5930 40.475/1.5935	43.500/1.7126 43.525/1.7136	1.486/.0585	21.00/.827	F23	5127
	3	39.962/1.5733 39.974/1.5738	43.000/1.6929 43.025/1.6939	1.486/.0585	21.00/.827	F23	5128

**15 Engine Year Cyl Bore x Stroke 15**

1598cc 16JH Family II Gen1 Inline4 SOHC 2v 01/1982 - 03/1987 L4 80.0mm x 79.5mm  
 1598cc 16LF Family II Gen1 Inline4 SOHC 2v 01/1982 - 09/1991 L4 80.0mm x 79.5mm  
 1796cc 18JU Family II Gen1 Inline4 SOHC 2v 11/1984 - 03/1987 L4 84.8mm x 79.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL



15 Continued ...								15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<i>Has one oil hole in the upper shell at 42 degrees from centre. Suits earlier engines up to 11/85.</i>								
<b>4B2326P</b> STD, .25, .50, .75, 1.00, 1.50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F780	2326 UL	
<b>MAINS</b>								
<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>								
<b>5M2293A</b> STD, .25, .50	1,2,4,5  3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785  1.995/.0785	19.50/.768  25.90/1.020	F820  F820	2293AL UL 2294AL UL	
<b>MAINS</b>								
<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>								
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5  3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785  1.995/.0785	19.50/.768  25.90/1.020	F810  F810	2327A IH 2328A(F) IH	
<b>MAINS</b>								
<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>								
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5  3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785  1.995/.0785	19.50/.768  25.90/1.020	F810  F810	2327A IH 2329A(F) IH	

16 Engine								Year	Cyl	Bore x Stroke	16
1256cc Inline4 OHV 2v								01/1971 - 12/1985	L4	81.0mm x 61.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
<b>CONROD</b>											
<i>From Engine No. 1400011.</i>											
<b>4B5120A</b> STD, 010, 020, 030, 040		46.487/1.8302 46.507/1.8310	49.594/1.9525 49.606/1.9530	1.529/.0602	19.20/.756	F820	5120AL IH				
<b>CONROD</b>											
<b>4B5121A</b> STD, 010, 020, 030, 040		44.971/1.7705 44.988/1.7712	48.158/1.8960 48.171/1.8965	1.570/.0618	19.20/.756	F820	5121AL IH				
<b>MAINS</b>											
<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>											
<b>3M5123A</b> STD, 010, 020, 030, 040	1,3  2	53.988/2.1255 54.000/2.1260 53.988/2.1255 54.000/2.1260	58.000/2.2835 58.014/2.2840 58.000/2.2835 58.014/2.2840	1.994/.0785  1.989/.0783	25.57/1.007  32.74/1.289	F820  F820	5122AL IH 5123AL(F) UL				
<b>CAMS</b>											
<b>3C5126</b> STD	1  2  3	40.963/1.6127 40.975/1.6132 40.462/1.5930 40.475/1.5935 39.962/1.5733 39.974/1.5738	44.000/1.7323 44.025/1.7333 43.500/1.7126 43.525/1.7136 43.000/1.6929 43.025/1.6939	1.486/.0585  1.486/.0585  1.486/.0585	21.00/.827  21.00/.827  21.00/.827	F23  F23  F23	5126  5127  5128				





17	Engine	Year	Cyl	Bore x Stroke	17
	C12NZ 1196cc Inline4 SOHC 2v	01/1994 - 09/1997	L4	72.0mm x 73.4mm	
	C14NZ 1389cc Inline4 SOHC 2v	04/1994 - 07/1997	L4	77.6mm x 73.4mm	
	C14SE 1389cc Inline4 SOHC 2v	04/1997 - 09/2002	L4	77.6mm x 73.4mm	
	C16SE 1598cc Inline4 SOHC 2v	08/1996 - 09/1998	L4	79.0mm x 81.5mm	
	C16XE 1598cc Inline4 DOHC 4v	04/1994 - 11/1999	L4	79.0mm x 81.5mm	
	Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2004	L4	77.6mm x 73.4mm	
	Z16SE 1598cc Inline4 SOHC 2v	09/2002 - On	L4	79.0mm x 81.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
<b>5M1338A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A IH
	3	54.985/2.1648	59.013/2.3233	2.001/.0788	25.90/1.020	F810	1339A(F) IH
		54.972/2.1642	59.000/2.3228				
		54.985/2.1648	59.013/2.3233				

18	Engine	Year	Cyl	Bore x Stroke	18
	3.8L V6 OHV 2v	08/1988 - 04/1995	V6	96.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>								
<b>6B2306H</b> STD, 001, 010, 020	<b>CONROD</b>	57.117/2.2487	60.300/2.3740	1.568/.0617	18.30/.720	F781	2306H IH	
		57.137/2.2495	60.312/2.3745					
<i>0.001" extra oil clearance on STD journal.</i>								
<b>6B2306HX</b> STD	<b>CONROD</b>	57.117/2.2487	60.300/2.3740	1.555/.0612	18.30/.720	F781	2306HX IH	
		57.137/2.2495	60.312/2.3745					
<b>CONROD</b>								
<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>								
<b>6B2306P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	57.117/2.2487	60.300/2.3740	1.570/.0618	18.30/.720	F780	2306 IH	
		57.137/2.2495	60.312/2.3745					
<b>CONROD</b>								
<i>16.74mm Wide, VN Series 1. Same as 6B1228P.</i>								
<b>6B2360P</b> STD, 001, 010, 020, 030, 040	<b>CONROD</b>	57.117/2.2487	60.295/2.3738	1.572/.0619	16.74/.659	F780	2360 IH	
		57.147/2.2499	60.312/2.3745					
<b>MAINS</b>								
<i>= 4M1822A. Suits VN Series 2 and VP.</i>								
<b>4M2302A</b> STD, 010, 020, 030, 040	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A L	
		63.495/2.4998	68.275/2.6880					
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A U	
		63.495/2.4998	68.275/2.6880					
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
	63.495/2.4998	68.275/2.6880						
<b>4M2309A</b> STD, 010, 020, 030, 040	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2305A L	
		63.495/2.4998	68.275/2.6880					
	<b>MAINS</b>							
	<i>Suits VR. Was 4M2021A. Suits VR.</i>							
	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A L	
	63.495/2.4998	68.275/2.6880						
<b>4M2333P</b> 010, 020	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A U	
		63.495/2.4998	68.275/2.6880					
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F) UL	
		63.495/2.4998	68.275/2.6880					
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2309A L	
	63.495/2.4998	68.275/2.6880						
<b>MAINS</b>								
<i>Suits VN Series 2/VP Overwidth flange version of 4M2302. Flange dimensions are 010/020"undersize =Std+010".</i>								
<b>4M2333P</b> 010, 020	1,3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302 L	
		63.495/2.4998	68.275/2.6880					
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302 U	
		63.495/2.4998	68.275/2.6880					
	2	63.470/2.4988	68.250/2.6870	2.501/.0985	27.12/1.068	F780	9022(F) UL	
	63.495/2.4998	68.275/2.6880						
<b>4M2333P</b> 010, 020	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2305 L	
		63.495/2.4998	68.275/2.6880					



18 Continued ...								18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b>								
<i>Suits VR. Overwidth flange version of 4M2309P. Flange widths are: 010/020"undersize =Std+010".</i>								
<b>4M2334</b> 010, 020	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 L	
	1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 U	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.501/.0985	27.12/1.068	F780	9022(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2309 L	
	<b>MAINS</b>							
<i>VN series 1.</i>								
<b>4M2362P</b> STD, 001, 010, 020, 030, 040	1,3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2362 UL	
	2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F780	2364(F) UL	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2359 U	
	4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2363 L	
	<b>MAINS</b>							
<i>Universal set i.e. contains 5 pairs of bearings.</i>								
<b>RACE SERIES</b> <b>4SM2222H</b> STD, 001, 010, 020		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2309H L	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	26.87/1.058	F780	2303H(F) UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2299H L	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2302H UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2305H L	
	<b>MAINS</b>							
	<i>0.001" extra oil clearance on STD journal. Universal set i.e. contains 5 pairs of bearings.</i>							
	<b>RACE SERIES</b> <b>4SM2222HX</b> STD		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2305HX L
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	26.87/1.058	F780	2303HX(F) UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2302HX UL	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2299HX L	
		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2309HX L	
<b>CAMS</b>								
<b>4C5106</b> STD, 010		1,4	45.339/1.7850 45.364/1.7860	49.162/1.9355 49.213/1.9375	1.893/.0745	19.00/.748	F250	5105
		2,3	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.639/.0645	15.75/.620	F250	5106
<b>CAMS</b>								
<i>Repair cam full set. Positions 1,2,3,4.</i>								
<b>4SC19580</b> STD, 010	1 & 4	45.339/1.7850 45.364/1.7860	49.836/1.9620 49.861/1.9630	2.230/.0878	19.00/.748	F250	19580	
	2 & 3	45.339/1.7850 45.364/1.7860	49.836/1.9620 49.861/1.9630	2.230/.0878	15.75/.620	F250	19549	

19 Engine								Year	Cyl	Bore x Stroke	19
3.8L Ecotec V6 OHV 2v								04/1995 - 08/2004	V6	96.5mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
<b>RACE SERIES</b>											
<b>6B2306H</b> STD, 001, 010, 020	<b>CONROD</b>										
		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH				





19		Continued ...						19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>CONROD</b>						
		<i>0.001" extra oil clearance on STD journal.</i>						
<b>6B2306HX</b> STD		57.117/2.2487	60.300/2.3740	1.555/.0612	18.30/.720	F781	2306HX	
		57.137/2.2495	60.312/2.3745				IH	
<b>6B2306P</b> STD, 010, 020, 030, 040		<b>CONROD</b>						
		<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>						
		57.117/2.2487	60.300/2.3740	1.570/.0618	18.30/.720	F780	2306	
		57.137/2.2495	60.312/2.3745				IH	
<b>4M2299A</b> STD, 010, 020, 030, 040		<b>MAINS</b>						
		<i>VS, VT, VX, VY.</i>						
	1	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2299A	
		63.495/2.4998	68.275/2.6880				L	
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A	
		63.495/2.4998	68.275/2.6880				U	
	2	63.470/2.4988	68.250/2.6870	2.374/.0935	26.87/1.058	F810	2303A(F)	
		63.495/2.4998	68.275/2.6880				UL	
	3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2302A	
		63.495/2.4998	68.275/2.6880				L	
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F810	2309A	
		63.495/2.4998	68.275/2.6880				L	
<b>4M2335P</b> 010, 020		<b>MAINS</b>						
		<i>Suits VS/VT/VX/VY. Overwidth flange version of set # 4M2299P. Flange sizes are: 010/020" undersize=Std+010".</i>						
	1	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2299	
		63.495/2.4998	68.275/2.6880				L	
	1,3,4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302	
		63.495/2.4998	68.275/2.6880				U	
	2	63.470/2.4988	68.250/2.6870	2.501/.0985	27.12/1.068	F780	9022(F)	
		63.495/2.4998	68.275/2.6880				UL	
	3	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2302	
		63.495/2.4998	68.275/2.6880				L	
	4	63.470/2.4988	68.250/2.6870	2.374/.0935	22.07/.869	F780	2309	
		63.495/2.4998	68.275/2.6880				L	
<b>RACE SERIES</b>		<b>MAINS</b>						
		<i>Universal set i.e. contains 5 pairs of bearings.</i>						
<b>4SM2222H</b> STD, 001, 010, 020		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2309H	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2305H	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2299H	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.372/.0934	22.07/.869	F780	2302H	
		63.495/2.4998	68.275/2.6880				UL	
		63.470/2.4988	68.250/2.6870	2.372/.0934	26.87/1.058	F780	2303H(F)	
		63.495/2.4998	68.275/2.6880				UL	
<b>RACE SERIES</b>		<b>MAINS</b>						
		<i>0.001" extra oil clearance on STD journal. Universal set i.e. contains 5 pairs of bearings.</i>						
<b>4SM2222HX</b> STD		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2299HX	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2305HX	
		63.495/2.4998	68.275/2.6880				L	
		63.470/2.4988	68.250/2.6870	2.359/.0929	26.87/1.058	F780	2303HX(F)	
		63.495/2.4998	68.275/2.6880				UL	
		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2302HX	
		63.495/2.4998	68.275/2.6880				UL	
		63.470/2.4988	68.250/2.6870	2.359/.0929	22.07/.869	F780	2309HX	
		63.495/2.4998	68.275/2.6880				L	
<b>4C5108</b> STD, 010		<b>CAMS</b>						
		<i>Suits VS/VT/VX/VY.</i>						
	1&4	46.858/1.8448	50.686/1.9955	1.880/.0740	19.00/.748	F250	5108	
		46.893/1.8462	50.737/1.9975					
	2&3	46.858/1.8448	50.178/1.9755	1.623/.0639	15.75/.620	F250	5109	
		46.893/1.8462	50.229/1.9775					
<b>RB4106</b> UNB		<b>PISTON PIN BUSH</b>						
		<i>Semi-finished</i>						
		21.995/.8659	24.562/.9670	1.500/.0591	21.20/.835	F100	RB4106	
		22.000/.8661	24.562/.9670					



19 Continued ...								19		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
<b>PISTON PIN BUSH</b> <i>Has reaming allowance.</i>										
<b>RB4106-R</b> UNB		21.995/.8659 22.000/.8661	24.562/.9670 24.562/.9670	1.360/.0535	21.20/.835	F100	RB4106-R			
20 Engine								20		
3.8L Ecotec V6 OHV 2v S/Charged				Year 09/1996 - 08/2004	Cyl V6	Bore x Stroke 96.5mm x 86.4mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
<b>RACE SERIES</b> <b>6B2306H</b> STD, 001, 010, 020	<b>CONROD</b>	57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.568/.0617	18.30/.720	F781	2306H IH			
<b>RACE SERIES</b> <b>6B2306HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.555/.0612	18.30/.720	F781	2306HX IH	
<b>6B2306P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>18.30mm wide. VN series 2, VP, VR, VS, VT, VX, VY.</i>		57.117/2.2487 57.137/2.2495	60.300/2.3740 60.312/2.3745	1.570/.0618	18.30/.720	F780	2306 IH	
<b>4M2299A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>VS, VT, VX, VY.</i>		1	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2299A L
				1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A U
				2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	26.87/1.058	F810	2303A(F) UL
				3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2302A L
				4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F810	2309A L
<b>4M2335P</b> 010, 020	<b>MAINS</b>	<i>Suits VS/VT/VX/VY. Overwidth flange version of set # 4M2299P. Flange sizes are: 010/020" undersize=Std+010".</i>		1	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2299 L
				1,3,4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 U
				2	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.501/.0985	27.12/1.068	F780	9022(F) UL
				3	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2302 L
				4	63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.374/.0935	22.07/.869	F780	2309 L
<b>RACE SERIES</b> <b>4SM2222H</b> STD, 001, 010, 020	<b>MAINS</b>	<i>Universal set i.e. contains 5 pairs of bearings.</i>			63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2302H UL
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2305H L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2309H L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	22.07/.869	F780	2299H L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.372/.0934	26.87/1.058	F780	2303H(F) UL
<b>RACE SERIES</b> <b>4SM2222HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal. Universal set i.e. contains 5 pairs of bearings.</i>			63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2305HX L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	26.87/1.058	F780	2303HX(F) UL
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2299HX L
					63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2302HX UL



# Holden



**20 Continued ... 20**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4SM2222HX</b> STD		63.470/2.4988 63.495/2.4998	68.250/2.6870 68.275/2.6880	2.359/.0929	22.07/.869	F780	2309HX L
<b>CAMS</b>		<i>Suits VS/VT/VX/VY.</i>					
<b>4C5108</b> STD, 010	1&4	46.858/1.8448 46.893/1.8462	50.686/1.9955 50.737/1.9975	1.880/.0740	19.00/.748	F250	5108
	2&3	46.858/1.8448 46.893/1.8462	50.178/1.9755 50.229/1.9775	1.623/.0639	15.75/.620	F250	5109
<b>CAMS</b>		<i>Suits VS/VT/VX/VY. Repair cam bearing set, suits positions 1,2,3,4.</i>					
<b>4SC19581</b> STD, 010	1 & 4	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.179/.0858	19.00/.748	F250	19581
	2 & 3	46.858/1.8448 46.893/1.8462	51.283/2.0190 51.308/2.0200	2.176/.0857	15.75/.620	F250	19582

**21 Engine Year Cyl Bore x Stroke 21**  
355ci Stroker V8 OHV 2v 01/1960 - 01/1990 V8 4.00in x 3.53in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>8B663H</b> STD, 001, 009, 010, 011, 020		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>8B663HD</b> STD, 001, 010		<i>Dowel hole in upper half.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376H U
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>8B663HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>8B663HXD</b> STD		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HXD L
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>8B663P</b> STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>5M2357H</b> STD, 001, 010, 020	1,2,3,4	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	22.73/.895	F780	2357H UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.423/.0954	27.71/1.091	F780	2358H(F) UL
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>5M2357HX</b> STD	1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>					
		60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.410/.0949	22.73/.895	F780	2357HX UL
	5	60.904/2.3978 60.930/2.3988	65.800/2.5905 65.827/2.5916	2.410/.0949	27.71/1.091	F780	2358HX(F) UL
<b>RACE SERIES</b>		<b>CAMS</b>					
<b>5C5146C</b> STD, 002, 010	1	47.960/1.8882 47.986/1.8892	51.537/2.0290 51.587/2.0310	1.765/.0695	20.06/.790	F830	5146C
	2	47.960/1.8882 47.986/1.8892	51.283/2.0190 51.333/2.0210	1.638/.0645	20.06/.790	F830	5147C
	3	47.452/1.8682 47.478/1.8692	51.029/2.0090 51.079/2.0110	1.765/.0695	20.06/.790	F830	5148C
	4	47.452/1.8682 47.478/1.8692	50.775/1.9990 50.825/2.0010	1.638/.0645	20.06/.790	F830	5149C
	5	40.107/1.5790 40.132/1.5800	43.429/1.7098 43.480/1.7118	1.638/.0645	20.06/.790	F830	5140C



22	Engine	Year	Cyl	Bore x Stroke	22
	C25XE 2498cc V6 DOHC 4v	07/1993 - 12/1998	V6	81.6mm x 79.6mm	
	X25XE 2498cc V6 DOHC 4v	01/1995 - 02/2003	V6	81.6mm x 79.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2420A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	16.30/.642	F810	2420A
		48.987/1.9286	52.012/2.0477				IH

23	Engine	Year	Cyl	Bore x Stroke	23
	C20NE 1998cc Inline4 SOHC 2v	10/1991 - 12/1997	L4	86.0mm x 86.0mm	
	C20SEL 1998cc Inline4 DOHC 4v	06/1997 - 08/2000	L4	86.0mm x 86.0mm	
	C20XE 1998cc Inline4 DOHC 4v	10/1991 - 10/1997	L4	86.0mm x 86.0mm	
	X20SE 1998cc Inline4 SOHC 2v	01/1995 - 12/2000	L4	86.0mm x 86.0mm	
	X20XEV 1998cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
<b>4B2320A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A
		48.987/1.9286	52.012/2.0477				UL
<b>CONROD</b>							
<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
<b>4B2320P</b> STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320
		48.987/1.9286	52.012/2.0477				UL
<b>CONROD</b>							
<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b>							
<i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
<b>5M2293A</b> STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
<b>MAINS</b>							
<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b>							
<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

24	Engine	Year	Cyl	Bore x Stroke	24
	1998cc 20JD Family II Gen 2 Inline4 SOHC 2v	04/1987 - 08/1989	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL





**24 Continued ... 24**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B2322H</b> STD, .025, .25, .50	<b>CONROD</b>	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
<b>RACE SERIES</b> <b>4B2322HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.485/.0585	19.30/.760	F781	2322HX UL
<b>5M2327A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>					
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2328A(F) IH
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>					
	1,2,4,5	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F810	2327A IH
	3	57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F810	2329A(F) IH

**25 Engine 25**  
1.9L Starfire Inline4 OHV 2v Year 09/1978 - 03/1984 Cyl L4 Bore x Stroke 88.9mm x 76.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2380P</b> STD, 001, 010, 020, 030, 040,	<b>CONROD</b>	48.235/1.8990 48.260/1.9000	51.427/2.0247 51.440/2.0252	1.575/.0620	18.34/.722	F780	2380 IH
<b>5M2307P</b> STD, 001, 010, 020, 030	<b>MAINS</b>	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	20.50/.807	F780	2307 L
	1,2,3,4	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	20.50/.807	F780	2398 U
	5	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	25.63/1.009	F780	2308(F) L
	5	63.444/2.4978 63.470/2.4988	68.341/2.6906 68.367/2.6916	2.426/.0955	25.63/1.009	F780	2399(F) U
<b>3C5116</b> STD	<b>CAMS</b>	44.844/1.7655 44.856/1.7660	48.153/1.8958 48.204/1.8978	1.636/.0644	21.08/.830	F23	5116

**26 Engine 26**  
Z20LET 1998cc Inline4 DOHC 4v Turbo Year 05/2003 - On Cyl L4 Bore x Stroke 86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2320A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2320A UL
<b>4B2320P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
		52.000/2.0472 48.987/1.9286	52.012/2.0477 52.012/2.0477	1.500/.0591	19.30/.760	F780	2320 UL
<b>4B2322A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL
<b>RACE SERIES</b> <b>4B2322H</b> STD, .025, .25, .50	<b>CONROD</b>	48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL
<b>RACE SERIES</b> <b>4B2322HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.485/.0585	19.30/.760	F781	2322HX UL
		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>					
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F) IH
		57.995/2.2833	62.013/2.4415				

27 Engine				Year	Cyl	Bore x Stroke	27
X20SED 1998cc Inline4 DOHC 4v				07/1997 - 12/2003	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
<b>4B2320A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A UL
		48.987/1.9286	52.012/2.0477				
<b>CONROD</b>		<i>Has one oil hole in the upper shell at 13 degrees from centre.</i>					
<b>4B2320P</b> STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320 UL
		48.987/1.9286	52.012/2.0477				
<b>CONROD</b>		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A UL
		48.987/1.9286	52.012/2.0477				
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				
<b>MAINS</b>		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
<b>5M2325A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F) IH
		57.995/2.2833	62.013/2.4415				

28 Engine				Year	Cyl	Bore x Stroke	28
5.7L Gen III LS1 V8 OHV 2v				06/1999 - On	V8	99.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B663A</b> STD, 01, 10, 20, 30, 40		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F810	2376A IH
		53.340/2.1000	56.520/2.2252				
<b>RACE SERIES</b>							
<b>8B663H</b> STD, 001, 009, 010, 011, 020		53.315/2.0990	56.507/2.2247	1.572/.0619	21.25/.837	F781	2376H UL
		53.340/2.1000	56.520/2.2252				
<b>CONROD</b>		<i>Dowel hole in upper half.</i>					
<b>8B663HD</b> STD, 001, 010		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376H U
		53.340/2.1000	56.520/2.2252				
		53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F781	2376HD L
		53.340/2.1000	56.520/2.2252				
<b>CONROD</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>8B663HX</b> STD		53.315/2.0990	56.507/2.2247	1.559/.0614	21.25/.837	F781	2376HX UL
		53.340/2.1000	56.520/2.2252				
<b>CONROD</b>		<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>					
<b>8B663HXD</b> STD		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HXD L
		53.340/2.1000	56.520/2.2252				
		53.315/2.0990	56.507/2.2247	1.562/.0615	21.25/.837	F781	2376HX U
		53.340/2.1000	56.520/2.2252				



# Holden



28		Continued ...						28
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>8B663P</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	53.315/2.0990	56.507/2.2247	1.575/.0620	21.25/.837	F780	2376	
		53.340/2.1000	56.520/2.2252				IH	
<b>5M7297A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F810	7298A	
	1,2,4,5	65.007/2.5593	69.887/2.7515				UL	
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F810	7297A(F)	
		65.007/2.5593	69.887/2.7515				UL	
<b>RACE SERIES</b> <b>5M7297H</b> STD, 001, 010, 020	<b>MAINS</b>	64.993/2.5588	69.873/2.7509	2.430/.0957	20.45/.805	F780	7298H	
	1,2,4,5	65.007/2.5593	69.887/2.7515				UL	
	3	64.993/2.5588	69.873/2.7509	2.430/.0957	26.10/1.028	F780	7297H(F)	
		65.007/2.5593	69.887/2.7515				UL	
<b>RACE SERIES</b> <b>5M7297HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>			20.45/.805	F780	7298HX	
	1,2,4,5	64.993/2.5588	69.873/2.7509	2.417/.0952			UL	
	3	64.993/2.5588	69.873/2.7509	2.417/.0952	26.10/1.028	F780	7297HX(F)	
		65.007/2.5593	69.887/2.7515				UL	
<b>5C1000S</b> STD	<b>CAMS</b>	<i>1st design # 1 &amp; 5 housing size of 2.3260"-2.3280".</i>			16.00/.630	F23	CH-10-1	
	1,5	54.991/2.1650	59.080/2.3260	2.029/.0799				
		55.042/2.1670	59.131/2.3280					
	2,4	54.991/2.1650	58.829/2.3161	1.902/.0749	16.00/.630	F23	CH-10-2	
		55.042/2.1670	58.879/2.3181					
	3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3	
		55.042/2.1670	58.631/2.3083					
<b>5C1001S</b> STD	<b>CAMS</b>	<i>2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</i>			16.00/.630	F23	CH-23-1	
	1,5	54.991/2.1650	59.588/2.3460	2.260/.0890				
		55.042/2.1670	59.639/2.3480					
	2,4	54.991/2.1650	59.080/2.3260	2.029/.0799	16.00/.630	F23	CH-10-1	
		55.042/2.1670	59.131/2.3280					
	3	54.991/2.1650	58.580/2.3063	1.778/.0700	16.00/.630	F23	CH-10-3	
		55.042/2.1670	58.631/2.3083					



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
EH 545cc Inline2 SOHC 2v	07/1977 - 05/1988	L2	545	33	44
E05A 547cc Inline3 SOHC 4v	12/1987 - 02/1990	L3	547	33	48
EB1 1169cc Inline4 SOHC 2v	12/1972 - 12/1975	L4	1169	71	42
ER 1231cc Inline4 SOHC 2v	10/1981 - 12/1986	L4	1231	75	45
ER-T 1231cc Inline4 SOHC 2v Turbo	01/1981 - 12/1986	L4	1231	75	33
D12A 1237cc Inline4 SOHC 2v	10/1986 - On	L4	1237	75	8
EB2 1237cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	1237	75	42
EB3 1237cc Inline4 SOHC 2v	03/1978 - 12/1979	L4	1237	75	42
EE 1237cc Inline4 SOHC 2v	01/1975 - 01/1979	L4	1237	75	42
D13C 1296cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	1296	79	8
EJ 1335cc Inline4 SOHC 2v	01/1982 - 12/1983	L4	1335	81	42
EN 1335cc Inline4 SOHC 2v	01/1978 - 12/1983	L4	1335	81	42
L13A1 1339cc Inline4 SOHC 2v	10/2002 - 08/2009	L4	1339	81	23
L13Z1 1339cc Inline4 SOHC 2v	08/2009 - On	L4	1339	81	23
LDA 1339cc (Hybrid) Inline4 SOHC 2v	01/2001 - On	L4	1339	81	23
EV 1342cc Inline4 SOHC 2v	07/1983 - 10/1987	L4	1342	81	40
EV1 1342cc Inline4 SOHC 2v	09/1983 - 10/1987	L4	1342	81	43
D13A 1343cc Inline4 SOHC 4v	09/1987 - 10/1995	L4	1343	81	26
D13B 1343cc Inline4 SOHC 4v	06/1987 - 09/1991	L4	1343	81	26
D13B1 1343cc Inline4 SOHC 4v	10/1987 - 09/1991	L4	1343	81	26
D13B2 1343cc Inline4 SOHC 4v	04/1991 - 09/1993	L4	1343	81	26
EB5 1433cc Inline4 SOHC 2v	01/1972 - 12/1975	L4	1433	87	25
EC 1488cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	1488	90	25
ED 1488cc Inline4 SOHC 2v	01/1975 - 01/1979	L4	1488	90	25
EM 1488cc Inline4 SOHC 3v	01/1980 - 01/1986	L4	1488	90	25
EW1 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	1488	90	13
EW2 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	1488	90	13
EW3 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	1488	90	13
EW4 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	1488	90	13
D15A2 1493cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	1493	91	9
D15A3 1493cc Inline4 SOHC 4v	01/1987 - 12/1988	L4	1493	91	9
D15B1 1493cc Inline4 SOHC 4v	01/1987 - 09/1995	L4	1493	91	10
D15B2 1493cc Inline4 SOHC 4v	01/1988 - 09/1995	L4	1493	91	10
D15B4 1493cc Inline4 SOHC 4v	11/1987 - 12/1993	L4	1493	91	10
D15B6 1493cc Inline4 SOHC 2v	01/1990 - 12/1991	L4	1493	91	10
D15B7 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	1493	91	11
D15B8 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	1493	91	11
D15Z1 1493cc Inline4 SOHC 4v VTEC	10/1991 - 12/1995	L4	1493	91	11
D15Z2 1493cc Inline4 SOHC 4v	01/1993 - 12/1995	L4	1493	91	11
D15Z3 1493cc Inline4 SOHC 4v	09/1994 - 01/1997	L4	1493	91	11
D15Z6 1493cc Inline4 SOHC 4v	10/1995 - On	L4	1493	91	11
D15Z8 1493cc Inline4 SOHC 4v	01/1997 - On	L4	1493	91	11
L15A1 1497cc Inline4 SOHC 4v	10/2004 - 08/2009	L4	1497	91	23
L15A7 1497cc Inline4 SOHC 4v	08/2009 - On	L4	1497	91	23
D16A1 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	1590	97	12
D16A3 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	1590	97	12
D16A6 1590cc Inline4 SOHC 4v	10/1987 - 06/1995	L4	1590	97	12
D16A7 1590cc Inline4 SOHC 4v	09/1987 - 06/1995	L4	1590	97	12
D16A8 1590cc Inline4 DOHC 4v	11/1987 - 02/1993	L4	1590	97	12
D16A9 1590cc Inline4 DOHC 4v	01/1988 - 01/1995	L4	1590	97	12
D16B2 1590cc Inline4 DOHC 4v	03/1997 - 02/2001	L4	1590	97	12
D16B6 1590cc Inline4 DOHC 4v	10/1998 - 02/2003	L4	1590	97	12
D16W1 1590cc Inline4 SOHC 4v	01/1999 - 05/2002	L4	1590	97	12
D16Y1 1590cc Inline4 SOHC 4v	10/1993 - 10/2000	L4	1590	97	12
D16Y4 1590cc Inline4 SOHC 4v	10/1995 - 12/2000	L4	1590	97	12
D16Y5 1590cc Inline4 SOHC 4v	01/1995 - 12/2000	L4	1590	97	12
D16Y7 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	1590	97	12
D16Y8 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	1590	97	12



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
D16Z2 1590cc Inline4 SOHC 4v	01/1988 - 12/1992	L47	1590	97	12
D16Z5 1590cc Inline4 DOHC 4v	11/1988 - 12/1992	L4	1590	97	12
D16Z6 1590cc Inline4 SOHC 2v	01/1992 - 12/1995	L4	1590	97	12
ZC 1590cc Inline4 DOHC 4v	02/1985 - 12/1987	L4	1590	97	12
ZC 1590cc Inline4 SOHC 2v	10/1984 - On	L4	1590	97	12
B16A1 1595cc Inline4 DOHC 4v VTEC	01/1990 - 12/1991	L4	1595	97	2
B16A2 1595cc Inline4 DOHC 4v VTEC	01/1992 - 10/2000	L4	1595	97	2
B16A3 1595cc Inline4 DOHC 4v VTEC	01/1994 - 12/1995	L4	1595	97	2
B16A4 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	1595	97	2
B16A6 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	1595	97	2
B16B 1595cc Inline4 DOHC 4v VTEC	08/1997 - 12/2000	L4	1595	97	31
R16A 1595cc Inline4 SOHC 4v	01/2006 - On	L4	1595	97	30
EY 1598cc Inline4 SOHC 2v	06/1983 - 10/1986	L4	1598	97	39
EF 1599cc Inline4 SOHC 2v	12/1976 - 12/1978	L4	1599	97	25
EG 1599cc Inline4 SOHC 2v	01/1977 - 12/1978	L4	1599	97	25
EP 1601cc Inline4 SOHC 2v	01/1980 - 01/1985	L4	1601	97	25
EL 1602cc Inline4 SOHC 2v	01/1977 - 04/1986	L4	1602	97	25
D17A1 1668cc Inline4 SOHC 4v	11/2000 - 12/2005	L4	1668	101	22
D17A2 1668cc Inline4 SOHC 4v	10/2000 - 02/2006	L4	1668	101	22
D17A6 1668cc Inline4 SOHC 4v	11/2000 - 12/2005	L4	1668	101	22
D17A7 1668cc Inline4 SOHC 4v CNG	01/2001 - 12/2005	L4	1668	101	22
D17Z1 1668cc Inline4 SOHC 4v	10/2000 - 02/2006	L4	1668	101	22
B17A1 1678cc Inline4 DOHC 4v	01/1992 - 12/1993	L4	1678	102	3
EK 1751cc Inline4 SOHC 2v	12/1976 - On	L4	1751	106	25
B18C2 1797cc Inline4 DOHC 4v VTEC	07/1993 - 08/2001	L4	1797	109	4
B18C5 1797cc Inline4 DOHC 4v VTEC	01/1997 - 12/2001	L4	1797	109	4
B18C7 1797cc Inline4 DOHC 4v VTEC	10/1999 - 08/2001	L4	1797	109	4
R18A 1799cc Inline4 SOHC 4v	01/2006 - On	L4	1799	109	30
A18A 1829cc Inline4 SOHC 3v	01/1983 - 12/1987	L4	1829	111	1
ES 1829cc Inline4 SOHC 3v	01/1981 - 12/1985	L4	1829	111	1
ET 1829cc Inline4 SOHC 3v	01/1983 - 12/1986	L4	1829	111	1
B18 (Saudi) 1834cc Inline4	01/1988 - On	L4	1834	111	32
B18A (USA) 1834cc Inline4 SOHC 4v	01/1986 - 12/1989	L4	1834	111	12
B18A 1834cc Inline4 SOHC 4v	05/1985 - 12/1989	L4	1834	111	5
B18A1 (USA) 1834cc Inline4 DOHC 4v	06/1989 - 12/1994	L4	1834	111	3
B18B1 1834cc Inline4 DOHC 4v	01/1994 - 12/2001	L4	1834	111	3
B18B2 1834cc Inline4 DOHC 4v	05/1992 - 08/2001	L4	1834	111	3
B18C1 1797cc Inline4 DOHC 4v VTEC	06/1994 - 08/2001	L4	1834	111	4
F18B 1850cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	1850	112	15
A20A1 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	1955	119	1
A20A2 1955cc Inline4 SOHC 3v	01/1985 - 12/1991	L4	1955	119	1
A20A3 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	1955	119	1
A20A4 1955cc Inline4 SOHC 3v	01/1987 - 10/1989	L4	1955	119	1
B20A 1958cc Inline4 DOHC 4v	06/1985 - 12/1991	L4	1958	119	27
B20A1 1958cc Inline4 DOHC 4v	09/1985 - 12/1987	L4	1958	119	6
B20A2 1958cc Inline4 DOHC 4v	06/1985 - 12/1987	L4	1958	119	6
B20A3 1958cc Inline4 SOHC 3v	01/1988 - 12/1991	L4	1958	119	5
B20A4 1958cc Inline4 SOHC 3v	04/1987 - 12/1991	L4	1958	119	5
B20A5 1958cc Inline4 DOHC 4v	01/1987 - 12/1991	L4	1958	119	6
B20A6 1958cc Inline4 DOHC 4v	10/1985 - 12/1991	L4	1958	119	6
B20A7 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	1958	119	6
B20A8 1958cc Inline4 DOHC 4v	10/1987 - 12/1989	L4	1958	119	6
B20A9 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	1958	119	6
B21A 1958cc Inline4 DOHC 4v	05/1992 - 11/1996	L4	1958	119	27
B20B3 1973cc Inline4 DOHC 4v	09/1997 - 12/2001	L4	1973	120	3
B20B4 1973cc Inline4 DOHC 4v	01/1997 - 12/1998	L4	1973	120	21
B20B8 1973cc Inline4 DOHC 4v	03/1999 - 12/2001	L4	1973	120	3
B20Z2 1973cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	1973	120	21





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
C20A 1996cc V6 SOHC 4v	11/1985 - 10/1990	V6	1996	121	29
C20A-T 1996cc V6 SOHC 4v Turbo	10/1988 - 10/1990	V6	1996	121	29
G20A 1996cc Inline5 SOHC 4v	01/1989 - 12/1997	L5	1996	121	36
F20A2 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	1997	121	16
F20A4 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	1997	121	16
F20A5 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	1997	121	16
F20A6 1997cc Inline4 SOHC 4v	01/1990 - 12/1993	L4	1997	121	16
F20A7 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	1997	121	16
F20A8 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	1997	121	16
F20B3 1997cc Inline4 SOHC 4v	09/1993 - 06/1998	L4	1997	121	15
F20B5 1997cc Inline4 SOHC 4v	12/1997 - 02/2003	L4	1997	121	15
F20B6 1997cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	1997	121	15
F20C1 1997cc Inline4 DOHC 4v	08/1999 - 12/2005	L4	1997	121	14
F20C2 1997cc Inline4 DOHC 4v	01/2006 - 12/2009	L4	1997	121	14
K20A2 1998cc Inline4 DOHC 4v	08/2001 - 10/2004	L4	1998	121	20
K20A3 1998cc Inline4 DOHC 4v	09/2001 - 07/2006	L4	1998	121	38
K20Z1 1998cc Inline4 DOHC 4v	10/2004 - 07/2006	L4	1998	121	20
B21A1 2056cc Inline4 DOHC 4v	01/1990 - 12/1991	L4	2056	125	27
F22A1 2156cc Inline4 SOHC 4v	01/1989 - 12/1996	L4	2156	131	16
F22A3 2156cc Inline4 SOHC 4v	01/1989 - 12/1995	L4	2156	131	16
F22A4 2156cc Inline4 SOHC 4v	01/1990 - 12/1991	L4	2156	131	16
F22A5 2156cc Inline4 SOHC 4v	11/1989 - 06/2000	L4	2156	131	16
F22A6 2156cc Inline4 SOHC 4v	01/1991 - 06/1994	L4	2156	131	16
F22B1 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	2156	131	16
F22B2 2156cc Inline4 SOHC 4v	01/1994 - 12/1997	L4	2156	131	16
F22B3 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	2156	131	16
F22B6 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	2156	131	16
F22B8 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	2156	131	16
F22Z6 2156cc Inline4 DOHC 4v	12/1996 - 05/2002	L4	2156	131	16
F22C1 2157cc Inline4 DOHC 4v	01/2004 - 12/2009	L4	2157	131	14
H22A1 2157cc Inline4 DOHC 4v	02/1994 - 12/1996	L4	2157	131	18
H22A2 2157cc Inline4 DOHC 4v	02/1993 - 09/1996	L4	2157	131	18
H22A4 2157cc Inline4 DOHC 4v	12/1996 - 12/2001	L4	2157	131	19
H22A5 2157cc Inline4 DOHC 4v	10/1996 - 12/1998	L4	2157	131	19
H22A7 2157cc Inline4 DOHC 4v	01/1999 - 02/2003	L4	2157	131	28
H22A8 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	2157	131	28
H22Z1 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	2157	131	28
F23A1 2254cc Inline4 SOHC 4v	12/1997 - 12/2000	L4	2254	137	17
F23A4 2254cc Inline4 SOHC 4v	01/1998 - 12/2002	L4	2254	137	17
F23A5 2254cc Inline4 SOHC 4v	01/1998 - 12/2002	L4	2254	137	17
F23A7 2254cc Inline4 SOHC 4v	01/1998 - 02/2002	L4	2254	137	17
F23Z2 2254cc Inline4 SOHC 4v	01/1999 - 05/2003	L4	2254	137	17
F23Z4 2254cc Inline4 SOHC 4v	04/2000 - 05/2004	L4	2254	137	17
H23A 2258cc Inline4 DOHC 4v	12/1991 - 12/1999	L4	2258	137	16
K24A1 2354cc Inline4 DOHC 4v	12/2001 - 01/2007	L4	2354	143	20
K24A3 2354cc Inline4 DOHC 4v	06/2003 - 06/2008	L4	2354	143	20
K24A4 2354cc Inline4 DOHC 4v	08/2003 - 02/2008	L4	2354	143	20
K24A8 2354cc Inline4 DOHC 4v	01/2006 - 12/2010	L4	2354	143	20
K24Z1 2354cc Inline4 DOHC 4v	01/2007 - On	L4	2354	143	20
G25A 2451cc Inline5 SOHC 4v	01/1992 - 12/1998	L5	2451	149	36
C25A1 2493cc V6 SOHC 4v	01/1986 - 12/1991	V6	2493	152	46
4ZE1 (Isuzu) 2559cc Inline4 SOHC 2v	08/1987 - 03/2003	L4	2559	156	35
C27A1 2675cc V6 SOHC 4v	01/1986 - 12/1991	V6	2675	163	46
C27A4 2675cc V6 SOHC 4v	01/1994 - 12/1996	V6	2675	163	47
J30A Series 2997cc V6 SOHC 4v	12/1997 - On	V6	2997	182	41
6VD1 (Isuzu) 3165cc V6 SOHC/DOHC 4v	01/1992 - 12/1997	V6	3165	193	34
C32A1 3206cc V6 SOHC 4v	01/1991 - 12/1995	V6	3179	193	7
C32A2 3206cc V6 SOHC 4v	01/1991 - 02/1996	V6	3206	195	7

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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
C32A6 3206cc V6 SOHC 4v	01/1996 - 12/1998	V6	3206	195	7
J32A Series 3210cc V6 SOHC 4v	01/1999 - 12/2008	V6	3210	195	37
J35A Series 3471cc V6 SOHC 4v	01/1999 - 12/2010	V6	3471	211	24
J35Z Series 3471cc V6 SOHC 4v	01/2006 - 12/2012	V6	3471	211	24
C35A1 3474cc V6 SOHC 4v	05/1996 - 12/2005	V6	3474	211	7
C35A2 3474cc V6 SOHC 4v	02/1996 - 09/2004	V6	3474	211	7





1	Engine	Year	Cyl	Bore x Stroke	1
	A18A 1829cc Inline4 SOHC 3v	01/1983 - 12/1987	L4	80.0mm x 91.0mm	
	A20A1 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	82.7mm x 91.0mm	
	A20A2 1955cc Inline4 SOHC 3v	01/1985 - 12/1991	L4	82.7mm x 91.0mm	
	A20A3 1955cc Inline4 SOHC 3v	01/1987 - 12/1989	L4	82.7mm x 91.0mm	
	A20A4 1955cc Inline4 SOHC 3v	01/1987 - 10/1989	L4	82.7mm x 91.0mm	
	ES 1829cc Inline4 SOHC 3v	01/1981 - 12/1985	L4	80.0mm x 91.0mm	
	ET 1829cc Inline4 SOHC 3v	01/1983 - 12/1986	L4	80.0mm x 91.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
<b>4B1946A</b> STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
<b>RACE SERIES</b> <b>4B1946H</b> STD, .025, .25	<b>CONROD</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
<b>RACE SERIES</b> <b>4B1946HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
<b>4B1946P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
<b>5M1947A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH
<b>1T1952</b> STD, .125, .25	<b>THRUST</b> 1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

2	Engine	Year	Cyl	Bore x Stroke	2
	B16A1 1595cc Inline4 DOHC 4v VTEC	01/1990 - 12/1991	L4	81.0mm x 77.4mm	
	B16A2 1595cc Inline4 DOHC 4v VTEC	01/1992 - 10/2000	L4	81.0mm x 77.4mm	
	B16A3 1595cc Inline4 DOHC 4v VTEC	01/1994 - 12/1995	L4	81.0mm x 77.4mm	
	B16A4 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	81.0mm x 77.4mm	
	B16A6 1595cc Inline4 DOHC 4v VTEC	01/1996 - 12/2000	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>No oil hole in bearings. To be superseded by 4B1946A.</i>					
<b>4B1910A</b> STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1910A IH
<b>4B1946A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
<b>RACE SERIES</b> <b>4B1946H</b> STD, .025, .25	<b>CONROD</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
<b>RACE SERIES</b> <b>4B1946HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
<b>4B1946P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
<b>5M1959A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>					
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
<b>RACE SERIES</b> <b>5M1959H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL

2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1959HX</b> STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
<b>5M1959P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half groove with two oil holes in upper half.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
<b>1T1957</b> STD		<b>THRUST</b>					
		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

3 Engine	Year	Cyl	Bore x Stroke	3
B17A1 1678cc Inline4 DOHC 4v	01/1992 - 12/1993	L4	81.0mm x 81.4mm	
B18A1 (USA) 1834cc Inline4 DOHC 4v	06/1989 - 12/1994	L4	81.0mm x 89.0mm	
B18B1 1834cc Inline4 DOHC 4v	01/1994 - 12/2001	L4	81.0mm x 89.0mm	
B18B2 1834cc Inline4 DOHC 4v	05/1992 - 08/2001	L4	81.0mm x 89.0mm	
B20B3 1973cc Inline4 DOHC 4v	09/1997 - 12/2001	L4	84.0mm x 89.0mm	
B20B8 1973cc Inline4 DOHC 4v	03/1999 - 12/2001	L4	84.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1946A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
<b>RACE SERIES</b> <b>4B1946H</b> STD, .025, .25		<b>CONROD</b>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
<b>RACE SERIES</b> <b>4B1946HX</b> STD		<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
<b>4B1946P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
<b>5M1959A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half groove with two oil holes in upper half.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
<b>RACE SERIES</b> <b>5M1959H</b> STD, .025, .25		<b>MAINS</b>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL
<b>RACE SERIES</b> <b>5M1959HX</b> STD		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
<b>5M1959P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half groove with two oil holes in upper half.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
<b>1T1957</b> STD		<b>THRUST</b>					
		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

4 Engine	Year	Cyl	Bore x Stroke	4
B18C1 1797cc Inline4 DOHC 4v VTEC	06/1994 - 08/2001	L4	81.0mm x 87.2mm	
B18C2 1797cc Inline4 DOHC 4v VTEC	07/1993 - 08/2001	L4	81.0mm x 87.2mm	
B18C5 1797cc Inline4 DOHC 4v VTEC	01/1997 - 12/2001	L4	81.0mm x 87.2mm	
B18C7 1797cc Inline4 DOHC 4v VTEC	10/1999 - 08/2001	L4	81.0mm x 87.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1925A</b> STD, .25, .50, .75		<b>CONROD</b>					
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	17.50/.689	F810	1925A IH





4 Continued ...							4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>4B1925H</b> STD, .025, .25	<b>CONROD</b>	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	17.50/.689	F781	1925H IH		
<b>RACE SERIES</b> <b>4B1925HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.489/.0586	17.50/.689	F781	1925HX IH
<b>4B1925P</b> STD, .25, .50, .75	<b>CONROD</b>	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	17.50/.689	F780	1925 IH		
<b>5M1959A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
<b>RACE SERIES</b> <b>5M1959H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL		
<b>RACE SERIES</b> <b>5M1959HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
<b>5M1959P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

5 Engine	Year	Cyl	Bore x Stroke	5
B18A 1834cc Inline4 SOHC 4v	05/1985 - 12/1989	L4	81.0mm x 89.0mm	
B20A3 1958cc Inline4 SOHC 3v	01/1988 - 12/1991	L4	81.0mm x 95.0mm	
B20A4 1958cc Inline4 SOHC 3v	04/1987 - 12/1991	L4	81.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1946A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
<b>RACE SERIES</b> <b>4B1946H</b> STD, .025, .25	<b>CONROD</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH		
<b>RACE SERIES</b> <b>4B1946HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
<b>4B1946P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
<b>5M1957A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
<b>RACE SERIES</b> <b>5M1957H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
<b>RACE SERIES</b> <b>5M1957HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
<b>5M1957P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

6	Engine	Year	Cyl	Bore x Stroke	6
	B20A1 1958cc Inline4 DOHC 4v	09/1985 - 12/1987	L4	81.0mm x 95.0mm	
	B20A2 1958cc Inline4 DOHC 4v	06/1985 - 12/1987	L4	81.0mm x 95.0mm	
	B20A5 1958cc Inline4 DOHC 4v	01/1987 - 12/1991	L4	81.0mm x 95.0mm	
	B20A6 1958cc Inline4 DOHC 4v	10/1985 - 12/1991	L4	81.0mm x 95.0mm	
	B20A7 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	81.0mm x 95.0mm	
	B20A8 1958cc Inline4 DOHC 4v	10/1987 - 12/1989	L4	81.0mm x 95.0mm	
	B20A9 1958cc Inline4 DOHC 4v	04/1987 - 12/1991	L4	81.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>One oil hole.</i>					
<b>4B1936A</b> STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
<b>5M1957A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
<b>5M1957H</b> STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>5M1957HX</b> STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
<b>5M1957P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

7	Engine	Year	Cyl	Bore x Stroke	7
	C32A1 3206cc V6 SOHC 4v	01/1991 - 12/1995	V6	90.0mm x 84.0mm	
	C32A2 3206cc V6 SOHC 4v	01/1991 - 02/1996	V6	90.0mm x 84.0mm	
	C32A6 3206cc V6 SOHC 4v	01/1996 - 12/1998	V6	90.0mm x 84.0mm	
	C35A1 3474cc V6 SOHC 4v	05/1996 - 12/2005	V6	90.0mm x 90.0mm	
	C35A2 3474cc V6 SOHC 4v	02/1996 - 09/2004	V6	90.0mm x 91.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>6B1902A</b> STD, .25, .50, .75, 1.00		53.970/2.1248 53.993/2.1257	57.000/2.2441 57.018/2.2448	1.496/.0589	17.40/.685	F810	1902A IH
	<b>MAINS</b>						
<b>4M1903A</b> STD, .25, .50, .75, 1.00	1,2,3,4	67.975/2.6762 68.000/2.6772	73.043/2.8757 73.060/2.8764	2.500/.0984	20.00/.787	F810	1903A IH

8	Engine	Year	Cyl	Bore x Stroke	8
	D12A 1237cc Inline4 SOHC 2v	10/1986 - On	L4	72.0mm x 76.0mm	
	D13C 1296cc Inline4 SOHC 2v	01/1988 - 12/1994	L4	73.7mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B1927A</b> STD, .25, .50, .75, 1.00			42.000/1.6535 42.020/1.6543	1.504/.0592	18.50/.728	F810	1927A IH
	<b>MAINS</b>						
<b>5M1928A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5		47.000/1.8504 47.020/1.8512	2.007/.0790	20.00/.787	F810	1928A UL
	<b>THRUST</b>						
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH





9	Engine	Year	Cyl	Bore x Stroke	9
	D15A2 1493cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	75.0mm x 84.5mm	
	D15A3 1493cc Inline4 SOHC 4v	01/1987 - 12/1988	L4	75.0mm x 84.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>For engines up to 09/1991.</i>					
<b>4B1955A</b> STD, .25, .50, .75, 1.00		41.982/1.6528	44.999/1.7716	1.496/.0589	18.45/.726	F810	1955A IH
		41.994/1.6533	45.024/1.7726				
	<b>MAINS</b>						
<b>5M1932A</b> STD, .25, .50, .75, 1.00	1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A IH
		45.000/1.7717	49.025/1.9301				
	<b>THRUST</b>						
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

10	Engine	Year	Cyl	Bore x Stroke	10
	D15B1 1493cc Inline4 SOHC 4v	01/1987 - 09/1995	L4	75.0mm x 84.5mm	
	D15B2 1493cc Inline4 SOHC 4v	01/1988 - 09/1995	L4	75.0mm x 84.5mm	
	D15B4 1493cc Inline4 SOHC 4v	11/1987 - 12/1993	L4	75.0mm x 84.5mm	
	D15B6 1493cc Inline4 SOHC 2v	01/1990 - 12/1991	L4	75.0mm x 84.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>For engines up to 09/1991.</i>					
<b>4B1955A</b> STD, .25, .50, .75, 1.00		41.982/1.6528	44.999/1.7716	1.496/.0589	18.45/.726	F810	1955A IH
		41.994/1.6533	45.024/1.7726				
	<b>CONROD</b>	<i>For engines from 09/1991.</i>					
<b>4B1956A</b> STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.504/.0592	18.50/.728	F810	1956A IH
		45.000/1.7717	48.020/1.8905				
	<b>CONROD</b>						
<b>RACE SERIES</b> <b>4B1956H</b> STD, .025, .25		44.980/1.7709	48.000/1.8898	1.499/.0590	18.50/.728	F781	1956H IH
		45.000/1.7717	48.020/1.8905				
	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>RACE SERIES</b> <b>4B1956HX</b> STD		44.980/1.7709	48.000/1.8898	1.486/.0585	18.50/.728	F781	1956HX IH
		45.000/1.7717	48.020/1.8905				
	<b>CONROD</b>	<i>For engines from 09/1991.</i>					
<b>4B1956P</b> STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.504/.0592	18.50/.728	F780	1956 IH
		45.000/1.7717	48.020/1.8905				
	<b>MAINS</b>						
<b>5M1932A</b> STD, .25, .50, .75, 1.00	1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A IH
		45.000/1.7717	49.025/1.9301				
	<b>THRUST</b>						
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

11	Engine	Year	Cyl	Bore x Stroke	11
	D15B7 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	75.0mm x 84.5mm	
	D15B8 1493cc Inline4 SOHC 4v	01/1992 - 12/1995	L4	75.0mm x 84.5mm	
	D15Z1 1493cc Inline4 SOHC 4v VTEC	10/1991 - 12/1995	L4	75.0mm x 84.5mm	
	D15Z2 1493cc Inline4 SOHC 4v	01/1993 - 12/1995	L4	75.0mm x 84.5mm	
	D15Z3 1493cc Inline4 SOHC 4v	09/1994 - 01/1997	L4	75.0mm x 84.5mm	
	D15Z6 1493cc Inline4 SOHC 4v	10/1995 - On	L4	75.0mm x 84.5mm	
	D15Z8 1493cc Inline4 SOHC 4v	01/1997 - On	L4	75.0mm x 84.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>For engines from 09/1991.</i>					
<b>4B1956A</b> STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.504/.0592	18.50/.728	F810	1956A IH
		45.000/1.7717	48.020/1.8905				
	<b>CONROD</b>						
<b>RACE SERIES</b> <b>4B1956H</b> STD, .025, .25		44.980/1.7709	48.000/1.8898	1.499/.0590	18.50/.728	F781	1956H IH
		45.000/1.7717	48.020/1.8905				





11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B1956HX</b> STD		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.486/.0585	18.50/.728	F781	1956HX IH
<b>4B1956P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines from 09/1991.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F780	1956 IH
<b>5M1932A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.025/1.9301	2.001/.0788	20.00/.787	F810	1932A IH
<b>1T1952</b> STD, .125, .25	<b>THRUST</b> 1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

12 Engine	Year	Cyl	Bore x Stroke	12
B18A (USA) 1834cc Inline4 SOHC 4v	01/1986 - 12/1989	L4	81.0mm x 89.0mm	
D16A1 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	75.0mm x 90.0mm	
D16A3 1590cc Inline4 DOHC 4v	01/1986 - 12/1989	L4	75.0mm x 90.0mm	
D16A6 1590cc Inline4 SOHC 4v	10/1987 - 06/1995	L4	75.0mm x 90.0mm	
D16A7 1590cc Inline4 SOHC 4v	09/1987 - 06/1995	L4	75.0mm x 90.0mm	
D16A8 1590cc Inline4 DOHC 4v	11/1987 - 02/1993	L4	75.0mm x 90.0mm	
D16A9 1590cc Inline4 DOHC 4v	01/1988 - 01/1995	L4	75.0mm x 90.0mm	
D16B2 1590cc Inline4 DOHC 4v	03/1997 - 02/2001	L4	75.0mm x 90.0mm	
D16B6 1590cc Inline4 DOHC 4v	10/1998 - 02/2003	L4	75.0mm x 90.0mm	
D16W1 1590cc Inline4 SOHC 4v	01/1999 - 05/2002	L4	75.0mm x 90.0mm	
D16Y1 1590cc Inline4 SOHC 4v	10/1993 - 10/2000	L4	75.0mm x 90.0mm	
D16Y4 1590cc Inline4 SOHC 4v	10/1995 - 12/2000	L4	75.0mm x 90.0mm	
D16Y5 1590cc Inline4 SOHC 4v	01/1995 - 12/2000	L4	75.0mm x 90.0mm	
D16Y7 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	75.0mm x 90.0mm	
D16Y8 1590cc Inline4 SOHC 4v	01/1996 - 12/2000	L4	75.0mm x 90.0mm	
D16Z2 1590cc Inline4 SOHC 4v	01/1988 - 12/1992	L47	75.0mm x 90.0mm	
D16Z5 1590cc Inline4 DOHC 4v	11/1988 - 12/1992	L4	75.0mm x 90.0mm	
D16Z6 1590cc Inline4 SOHC 2v	01/1992 - 12/1995	L4	75.0mm x 90.0mm	
ZC 1590cc Inline4 DOHC 4v	02/1985 - 12/1987	L4	75.0mm x 90.0mm	
ZC 1590cc Inline4 SOHC 2v	10/1984 - On	L4	75.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1956A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines from 09/1991.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F810	1956A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B1956H</b> STD, .025, .25		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.499/.0590	18.50/.728	F781	1956H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B1956HX</b> STD		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.486/.0585	18.50/.728	F781	1956HX IH
<b>4B1956P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines from 09/1991.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F780	1956 IH
<b>5M1957A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>					
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
<b>5M1957H</b> STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>5M1957HX</b> STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH



12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1957P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>					
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114	81.750/3.2185		2.50/.098	F817	1957T IH
		61.500/2.4213	82.000/3.2283				

13 Engine	Year	Cyl	Bore x Stroke	13
EW1 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	2.91in x 3.41in	
EW2 1488cc Inline4 SOHC 2v	01/1984 - 10/1987	L4	74.0mm x 86.5mm	
EW3 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	74.0mm x 86.5mm	
EW4 1488cc Inline4 SOHC 3v	01/1985 - 10/1987	L4	74.0mm x 86.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1955A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines up to 09/1991.</i>					
		41.982/1.6528 41.994/1.6533	44.999/1.7716 45.024/1.7726	1.496/.0589	18.45/.726	F810	1955A IH
<b>5M1947A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH
<b>5M1952A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Hardening Of Shaft Recommended After Grinding. To be superceded by 5M1947A.</i>					
		49.982/1.9678 49.994/1.9683	54.000/2.1260 54.024/2.1269	1.999/.0787	19.94/.785	F810	1952A IH
		49.982/1.9678 49.994/1.9683	54.000/2.1260 54.024/2.1269	1.999/.0787	19.94/.785	F810	1952A IH
<b>1T1952</b> STD, .125, .25	<b>THRUST</b> 1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

14 Engine	Year	Cyl	Bore x Stroke	14
F20C1 1997cc Inline4 DOHC 4v	08/1999 - 12/2005	L4	87.0mm x 84.0mm	
F20C2 1997cc Inline4 DOHC 4v	01/2006 - 12/2009	L4	87.0mm x 84.0mm	
F22C1 2157cc Inline4 DOHC 4v	01/2004 - 12/2009	L4	87.0mm x 90.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B1912H</b> STD, .025, .25	<b>CONROD</b>	<i>No oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/.0589	19.40/.764	F781	1912H IH
<b>RACE SERIES</b> <b>4B1912HX</b> STD	<b>CONROD</b>	<i>No oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.483/.0584	19.40/.764	F781	1912HX IH
<b>4B1912P</b> STD, .25, .50	<b>CONROD</b>	<i>No oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F780	1912 IH
<b>4B1936A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>One oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
<b>RACE SERIES</b> <b>5M1913H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/.0986	20.00/.787	F780	1913H IH
<b>RACE SERIES</b> <b>5M1913HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.491/.0981	20.00/.787	F780	1913HX IH
<b>5M1913P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	54.976/2.1644 55.000/2.1654	60.000/2.3622 60.020/2.3630	2.504/.0986	20.00/.787	F780	1913 IH



15	Engine	Year	Cyl	Bore x Stroke	15
	F18B 1850cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	85.0mm x 81.5mm	
	F20B3 1997cc Inline4 SOHC 4v	09/1993 - 06/1998	L4	85.0mm x 88.0mm	
	F20B5 1997cc Inline4 SOHC 4v	12/1997 - 02/2003	L4	85.0mm x 88.0mm	
	F20B6 1997cc Inline4 SOHC 4v	10/1998 - 02/2003	L4	85.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
<b>4B1946A</b> STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F810	1946A IH
<b>RACE SERIES</b> <b>4B1946H</b> STD, .025, .25	<b>CONROD</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.504/.0592	19.50/.768	F781	1946H IH
<b>RACE SERIES</b> <b>4B1946HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.491/.0587	19.50/.768	F781	1946HX IH
<b>4B1946P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearing contains 3.0mm oil hole at 68 deg.</i>					
		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	19.50/.768	F780	1946 IH
<b>5M1937A</b> STD, .25, .50	<b>MAINS</b> 1-5	<i>To be superceded by 5M1947A.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1937A IH
<b>5M1947A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH
<b>1T1937</b> STD	<b>THRUST</b>	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1937T IH

16	Engine	Year	Cyl	Bore x Stroke	16
	F20A2 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	87.0mm x 88.0mm	
	F20A4 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	87.0mm x 88.0mm	
	F20A5 1997cc Inline4 SOHC 4v	01/1989 - 12/1993	L4	87.0mm x 88.0mm	
	F20A6 1997cc Inline4 SOHC 4v	01/1990 - 12/1993	L4	87.0mm x 88.0mm	
	F20A7 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	87.0mm x 88.0mm	
	F20A8 1997cc Inline4 SOHC 4v	01/1992 - 12/1993	L4	87.0mm x 88.0mm	
	F22A1 2156cc Inline4 SOHC 4v	01/1989 - 12/1996	L4	85.0mm x 95.0mm	
	F22A3 2156cc Inline4 SOHC 4v	01/1989 - 12/1995	L4	85.0mm x 95.0mm	
	F22A4 2156cc Inline4 SOHC 4v	01/1990 - 12/1991	L4	85.0mm x 95.0mm	
	F22A5 2156cc Inline4 SOHC 4v	11/1989 - 06/2000	L4	85.0mm x 95.0mm	
	F22A6 2156cc Inline4 SOHC 4v	01/1991 - 06/1994	L4	85.0mm x 95.0mm	
	F22B1 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	85.0mm x 95.0mm	
	F22B2 2156cc Inline4 SOHC 4v	01/1994 - 12/1997	L4	85.0mm x 95.0mm	
	F22B3 2156cc Inline4 SOHC 4v	01/1993 - 12/1997	L4	85.0mm x 95.0mm	
	F22B6 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	85.0mm x mm	
	F22B8 2156cc Inline4 SOHC 4v	01/1995 - 12/1997	L4	85.0mm x 95.0mm	
	F22Z6 2156cc Inline4 DOHC 4v	12/1996 - 05/2002	L4	85.0mm x 95.0mm	
	H23A 2258cc Inline4 DOHC 4v	12/1991 - 12/1999	L4	87.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>One oil hole.</i>					
<b>4B1936A</b> STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
<b>5M1937A</b> STD, .25, .50	<b>MAINS</b> 1-5	<i>To be superceded by 5M1947A.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1937A IH
<b>5M1947A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Bearings have a slot.</i>					
		49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.004/.0789	20.00/.787	F810	1947A IH



<b>16 Continued ...</b>							<b>16</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>THRUST</b>							
<b>1T1937</b> STD		57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1937T IH

<b>17 Engine</b>			<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>17</b>
F23A1 2254cc Inline4 SOHC 4v			12/1997 - 12/2000	L4	86.0mm x 97.0mm	
F23A4 2254cc Inline4 SOHC 4v			01/1998 - 12/2002	L4	86.0mm x 97.0mm	
F23A5 2254cc Inline4 SOHC 4v			01/1998 - 12/2002	L4	86.0mm x 97.0mm	
F23A7 2254cc Inline4 SOHC 4v			01/1998 - 02/2002	L4	86.0mm x 97.0mm	
F23Z2 2254cc Inline4 SOHC 4v			01/1999 - 05/2003	L4	86.0mm x 97.0mm	
F23Z4 2254cc Inline4 SOHC 4v			04/2000 - 05/2004	L4	86.0mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES</b> <b>4B1906H</b> STD, .025, .25, .50	<b>CONROD</b>	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	15.50/.610	F781	1906H IH
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<b>RACE SERIES</b> <b>4B1906HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.489/.0586	15.50/.610	F781	1906HX IH
		44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907				

<b>4B1906P</b> STD, .25, .50, .75	<b>CONROD</b>	44.976/1.7707 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.502/.0591	15.50/.610	F780	1906 IH
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<b>5M1957A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>		2.007/.0790	20.00/.787	F810	1957A IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

<b>RACE SERIES</b> <b>5M1957H</b> STD, .025, .25	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>		2.007/.0790	20.00/.787	F780	1957H IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

<b>RACE SERIES</b> <b>5M1957HX</b> STD	<b>MAINS</b>	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.994/.0785	20.00/.787	F780	1957HX IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

<b>5M1957P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>		2.007/.0790	20.00/.787	F780	1957 IH
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				

<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH
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<b>18 Engine</b>			<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>18</b>
H22A1 2157cc Inline4 DOHC 4v			02/1994 - 12/1996	L4	87.0mm x 90.7mm	
H22A2 2157cc Inline4 DOHC 4v			02/1993 - 09/1996	L4	87.0mm x 90.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES</b> <b>4B1912H</b> STD, .025, .25	<b>CONROD</b>	<i>No oil hole.</i>		1.496/.0589	19.40/.764	F781	1912H IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

<b>RACE SERIES</b> <b>4B1912HX</b> STD	<b>CONROD</b>	<i>No oil hole. 0.001" extra oil clearance on STD journal.</i>		1.483/.0584	19.40/.764	F781	1912HX IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

<b>4B1912P</b> STD, .25, .50	<b>CONROD</b>	<i>No oil hole.</i>		1.500/.0591	19.40/.764	F780	1912 IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

<b>4B1936A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>One oil hole.</i>		1.500/.0591	19.40/.764	F810	1936A IH
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088				

<b>5M1937A</b> STD, .25, .50	<b>MAINS</b>	<i>To be superseded by 5M1947A.</i>		2.004/.0789	20.00/.787	F810	1937A IH
	1-5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268				



**18 Continued ...** **18**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Bearings have a slot.</i>					
<b>5M1947A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
<b>THRUST</b>							
<b>1T1937</b> STD		57.650/2.2697	77.600/3.0551		2.49/.098	F817	1937T IH
		57.900/2.2795	77.850/3.0650				

**19 Engine** **19**

Year	Cyl	Bore x Stroke
H22A4 2157cc Inline4 DOHC 4v H22A5 2157cc Inline4 DOHC 4v	L4	87.0mm x 90.7mm
12/1996 - 12/2001	L4	87.0mm x 90.7mm
10/1996 - 12/1998	L4	87.0mm x 90.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>No oil hole.</i>					
<b>4B1912H</b> STD, .025, .25	<b>CONROD</b>	47.980/1.8890	51.004/2.0080	1.496/.0589	19.40/.764	F781	1912H IH
		48.000/1.8898	51.024/2.0088				
<b>RACE SERIES</b>		<i>No oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1912HX</b> STD	<b>CONROD</b>	47.980/1.8890	51.004/2.0080	1.483/.0584	19.40/.764	F781	1912HX IH
		48.000/1.8898	51.024/2.0088				
<b>RACE SERIES</b>		<i>No oil hole.</i>					
<b>4B1912P</b> STD, .25, .50	<b>CONROD</b>	47.980/1.8890	51.004/2.0080	1.500/.0591	19.40/.764	F780	1912 IH
		48.000/1.8898	51.024/2.0088				
<b>RACE SERIES</b>		<i>One oil hole.</i>					
<b>4B1936A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.980/1.8890	51.004/2.0080	1.500/.0591	19.40/.764	F810	1936A IH
		48.000/1.8898	51.024/2.0088				
<b>MAINS</b>		<i>Suits until 12/97. To be superceded by 5M1947A.</i>					
<b>5M1937A</b> STD, .25, .50	1-5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1937A IH
		50.000/1.9685	54.020/2.1268				
<b>MAINS</b>		<i>Suits until 12/97. Bearings have a slot.</i>					
<b>5M1947A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
<b>MAINS</b>		<i>Suits from 1998 on. Fully grooved with one oil hole.</i>					
<b>5M1957A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.007/.0790	20.00/.787	F810	1957A IH
		55.000/2.1654	59.020/2.3236				
<b>RACE SERIES</b>		<i>Fully grooved with one oil hole.</i>					
<b>5M1957H</b> STD, .025, .25	1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.007/.0790	20.00/.787	F780	1957H IH
		55.000/2.1654	59.020/2.3236				
<b>RACE SERIES</b>		<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>5M1957HX</b> STD	1,2,3,4,5	54.980/2.1646	59.000/2.3228	1.994/.0785	20.00/.787	F780	1957HX IH
		55.000/2.1654	59.020/2.3236				
<b>MAINS</b>		<i>Fully grooved with one oil hole.</i>					
<b>5M1957P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.007/.0790	20.00/.787	F780	1957 IH
		55.000/2.1654	59.020/2.3236				
<b>THRUST</b>		<i>Suits until 12/97.</i>					
<b>1T1937</b> STD		57.650/2.2697	77.600/3.0551		2.49/.098	F817	1937T IH
		57.900/2.2795	77.850/3.0650				
<b>THRUST</b>		<i>Suits from 1998 on.</i>					
<b>1T1957</b> STD		61.250/2.4114	81.750/3.2185		2.50/.098	F817	1957T IH
		61.500/2.4213	82.000/3.2283				





20	Engine	Year	Cyl	Bore x Stroke	20
	K20A2 1998cc Inline4 DOHC 4v	08/2001 - 10/2004	L4	86.0mm x 86.0mm	
	K20Z1 1998cc Inline4 DOHC 4v	10/2004 - 07/2006	L4	86.0mm x 86.0mm	
	K24A1 2354cc Inline4 DOHC 4v	12/2001 - 01/2007	L4	3.43in x 3.90in	
	K24A3 2354cc Inline4 DOHC 4v	06/2003 - 06/2008	L4	87.0mm x 99.0mm	
	K24A4 2354cc Inline4 DOHC 4v	08/2003 - 02/2008	L4	87.0mm x 99.0mm	
	K24A8 2354cc Inline4 DOHC 4v	01/2006 - 12/2010	L4	87.0mm x 99.0mm	
	K24Z1 2354cc Inline4 DOHC 4v	01/2007 - On	L4	87.0mm x 99.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>4B1972H</b> STD, .025, .25	<b>CONROD</b>	47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	15.40/.606	F781	1972H IH		
<b>RACE SERIES</b> <b>4B1972HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.487/.0585	15.40/.606	F781	1972HX IH
<b>4B1972P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.492/.0587	15.40/.606	F780	1972 IH		
<b>5M1959A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
<b>RACE SERIES</b> <b>5M1959H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL		
<b>RACE SERIES</b> <b>5M1959HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
<b>5M1959P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		
<b>4RB4224</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			1.250/.0492	19.80/.780	F100	4RB4224	

21	Engine	Year	Cyl	Bore x Stroke	21
	B20B4 1973cc Inline4 DOHC 4v	01/1997 - 12/1998	L4		
	B20Z2 1973cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	84.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1956A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines from 09/1991.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F810	1956A IH
<b>RACE SERIES</b> <b>4B1956H</b> STD, .025, .25	<b>CONROD</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.499/.0590	18.50/.728	F781	1956H IH		
<b>RACE SERIES</b> <b>4B1956HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.486/.0585	18.50/.728	F781	1956HX IH
<b>4B1956P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines from 09/1991.</i>		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.504/.0592	18.50/.728	F780	1956 IH
<b>5M1959A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL



21 Continued ...								21	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>5M1959H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL		
<b>RACE SERIES</b> <b>5M1959HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
<b>5M1959P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half groove with two oil holes in upper half.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

22 Engine				Year	Cyl	Bore x Stroke	22		
D17A1 1668cc Inline4 SOHC 4v				11/2000 - 12/2005	L4	75.0mm x 94.0mm			
D17A2 1668cc Inline4 SOHC 4v				10/2000 - 02/2006	L4	75.0mm x 94.4mm			
D17A6 1668cc Inline4 SOHC 4v				11/2000 - 12/2005	L4	75.0mm x 94.4mm			
D17A7 1668cc Inline4 SOHC 4v CNG				01/2001 - 12/2005	L4	75.0mm x 94.4mm			
D17Z1 1668cc Inline4 SOHC 4v				10/2000 - 02/2006	L4	75.0mm x 94.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1980A</b> STD, .25, .50, .75	<b>CONROD</b>	44.976/1.7707 45.000/1.7717		1.502/.0591	15.50/.610	F810	1980A IH		
<b>5M1957A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
<b>RACE SERIES</b> <b>5M1957H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
<b>RACE SERIES</b> <b>5M1957HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
<b>5M1957P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved with one oil hole.</i>		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH		

23 Engine				Year	Cyl	Bore x Stroke	23
L13A1 1339cc Inline4 SOHC 2v				10/2002 - 08/2009	L4	73.0mm x 80.0mm	
L13Z1 1339cc Inline4 SOHC 2v				08/2009 - On	L4	73.0mm x 80.0mm	
L15A1 1497cc Inline4 SOHC 4v				10/2004 - 08/2009	L4	73.0mm x 89.4mm	
L15A7 1497cc Inline4 SOHC 4v				08/2009 - On	L4	73.0mm x 89.4mm	
LDA 1339cc (Hybrid) Inline4 SOHC 2v				01/2001 - On	L4	73.0mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1978A</b> STD, .25, .50, .75	<b>CONROD</b>	39.980/1.5740 40.000/1.5748	43.000/1.6929 43.020/1.6937	1.498/.0590	13.50/.532	F810	1978A IH
<b>5M1979A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	49.980/1.9677 50.000/1.9685	54.000/2.1260 54.020/2.1268	2.010/.0791	17.00/.669	F810	1979A UL
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH





24	Engine	Year	Cyl	Bore x Stroke	24
	J35A Series 3471cc V6 SOHC 4v	01/1999 - 12/2010	V6	89.0mm x 93.0mm	
	J35Z Series 3471cc V6 SOHC 4v	01/2006 - 12/2012	V6	89.0mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1995P</b> STD, .25, .50, .75, 1.00		54.976/2.1644	58.000/2.2835	1.510/.0594	14.50/.571	F780	1995 IH
		55.000/2.1654	58.020/2.2842				
<b>MAINS</b>							
<b>4M1996A</b> STD, .25, .50, .75, 1.00	1,2,3,4	71.976/2.8337	77.036/3.0329	2.505/.0986	18.10/.713	F810	1996A UL
		72.000/2.8346	77.060/3.0339				
<b>THRUST</b>							
<b>1T1996</b> STD						F817	1996T IH

25	Engine	Year	Cyl	Bore x Stroke	25
	EB5 1433cc Inline4 SOHC 2v	01/1972 - 12/1975	L4	72.0mm x 88.0mm	
	EC 1488cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	74.0mm x 86.5mm	
	ED 1488cc Inline4 SOHC 2v	01/1975 - 01/1979	L4	74.0mm x 86.5mm	
	EF 1599cc Inline4 SOHC 2v	12/1976 - 12/1978	L4	74.0mm x 93.0mm	
	EG 1599cc Inline4 SOHC 2v	01/1977 - 12/1978	L4	74.0mm x 93.0mm	
	EK 1751cc Inline4 SOHC 2v	12/1976 - On	L4	74.0mm x 94.0mm	
	EL 1602cc Inline4 SOHC 2v	01/1977 - 04/1986	L4	77.0mm x 86.0mm	
	EM 1488cc Inline4 SOHC 3v	01/1980 - 01/1986	L4	74.0mm x 86.5mm	
	EP 1601cc Inline4 SOHC 2v	01/1980 - 01/1985	L4	77.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1951A</b> STD, .25, .50, .75, 1.00		41.982/1.6528	44.999/1.7716	1.496/.0589	17.52/.690	F810	1951A IH
		41.994/1.6533	45.024/1.7726				
<b>MAINS</b>							
<b>5M1947A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Bearings have a slot.</i>		2.004/.0789	20.00/.787	F810	1947A IH
		49.980/1.9677	54.000/2.1260				
		50.000/1.9685	54.020/2.1268				
<b>MAINS</b>							
<b>5M1952A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>To be superseded by 5M1947A.</i>					
		49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
	49.994/1.9683	54.024/2.1269					
	1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

26	Engine	Year	Cyl	Bore x Stroke	26
	D13A 1343cc Inline4 SOHC 4v	09/1987 - 10/1995	L4	75.0mm x 76.0mm	
	D13B 1343cc Inline4 SOHC 4v	06/1987 - 09/1991	L4	75.0mm x 76.0mm	
	D13B1 1343cc Inline4 SOHC 4v	10/1987 - 09/1991	L4	75.0mm x 76.0mm	
	D13B2 1343cc Inline4 SOHC 4v	04/1991 - 09/1993	L4	75.0mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1930A</b> STD, .25, .50, .75			43.000/1.6929	1.504/.0592	18.50/.728	F810	1930A IH
			43.025/1.6939				
<b>MAINS</b>							
<b>5M1932A</b> STD, .25, .50, .75, 1.00	1-5	44.980/1.7709	49.000/1.9291	2.001/.0788	20.00/.787	F810	1932A IH
		45.000/1.7717	49.025/1.9301				
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

27	Engine	Year	Cyl	Bore x Stroke	27
	B20A 1958cc Inline4 DOHC 4v	06/1985 - 12/1991	L4	81.0mm x 95.0mm	
	B21A 1958cc Inline4 DOHC 4v	05/1992 - 11/1996	L4	81.0mm x 95.0mm	
	B21A1 2056cc Inline4 DOHC 4v	01/1990 - 12/1991	L4	83.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>One oil hole.</i>					
<b>4B1936A</b> STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
<b>5M1957H</b> STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>5M1957HX</b> STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
<b>5M1957P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH

28	Engine	Year	Cyl	Bore x Stroke	28
	H22A7 2157cc Inline4 DOHC 4v	01/1999 - 02/2003	L4	87.0mm x 90.7mm	
	H22A8 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	87.0mm x 90.7mm	
	H22Z1 2157cc Inline4 DOHC 4v	01/1999 - 12/2001	L4	87.0mm x 90.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>No oil hole.</i>					
<b>4B1912H</b> STD, .025, .25		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.496/.0589	19.40/.764	F781	1912H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>No oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1912HX</b> STD		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.483/.0584	19.40/.764	F781	1912HX IH
<b>4B1912P</b> STD, .25, .50	<b>CONROD</b>	<i>No oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F780	1912 IH
<b>4B1936A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>One oil hole.</i>					
		47.980/1.8890 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.500/.0591	19.40/.764	F810	1936A IH
<b>5M1957A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F810	1957A IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
<b>5M1957H</b> STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957H IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Fully grooved with one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>5M1957HX</b> STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.994/.0785	20.00/.787	F780	1957HX IH
<b>5M1957P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Fully grooved with one oil hole.</i>					
	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1957 IH
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH





29 Engine		Year		Cyl	Bore x Stroke		29
C20A 1996cc V6 SOHC 4v		11/1985 - 10/1990		V6			
C20A-T 1996cc V6 SOHC 4v Turbo		10/1988 - 10/1990		V6			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1974A</b> STD, .25, .50, .75, 1.00			48.000/1.8898 48.020/1.8905	1.501/.0591	17.50/.689	F810	1974A IH
<b>MAINS</b>							
<b>4M1975A</b> STD, .25, .50, .75, 1.00	1,2,3,4		54.000/2.1260 54.020/2.1268	1.999/.0787	20.00/.787	F810	1975A UL
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH
30 Engine		Year		Cyl	Bore x Stroke		30
R16A 1595cc Inline4 SOHC 4v		01/2006 - On		L4	81.0mm x 77.4mm		
R18A 1799cc Inline4 SOHC 4v		01/2006 - On		L4	81.0mm x 87.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1908A</b> STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.505/.0593	14.95/.589	F810	1908A IH
<b>MAINS</b>							
<b>5M1909A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.010/.0791	18.00/.709	F810	1909A UL
<b>THRUST</b>							
<b>1T1957</b> STD		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH
31 Engine		Year		Cyl	Bore x Stroke		31
B16B 1595cc Inline4 DOHC 4v VTEC		08/1997 - 12/2000		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1980A</b> STD, .25, .50, .75		44.976/1.7707 45.000/1.7717		1.502/.0591	15.50/.610	F810	1980A IH
<b>MAINS</b>							
<b>5M1959A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	<i>Half groove with two oil holes in upper half.</i> 59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F810	1959A UL
<b>RACE SERIES</b>							
<b>5M1959H</b> STD, .025, .25	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.002/.0788	20.00/.787	F780	1959H UL
<b>RACE SERIES</b>							
<b>5M1959HX</b> STD	1,2,3,4,5	54.980/2.1646 55.000/2.1654	<i>0.001" extra oil clearance on STD journal.</i> 59.000/2.3228 59.020/2.3236	1.989/.0783	20.00/.787	F780	1959HX UL
<b>MAINS</b>							
<b>5M1959P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.980/2.1646 55.000/2.1654	<i>Half groove with two oil holes in upper half.</i> 59.000/2.3228 59.020/2.3236	2.007/.0790	20.00/.787	F780	1959 UL
<b>THRUST</b>							
<b>1T1957</b> STD		61.250/2.4114 61.500/2.4213	81.750/3.2185 82.000/3.2283		2.50/.098	F817	1957T IH
32 Engine		Year		Cyl	Bore x Stroke		32
B18 (Saudi) 1834cc Inline4		01/1988 - On		L4	81.0mm x 89.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1983A</b> STD, .25, .50		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.498/.0590	19.40/.764	F810	1983A IH



**32 Continued ... 32**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<b>5M1984A</b> STD, .25, .50	1,2,3,4,5	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	1.998/.0787	20.00/.787	F810	1984A UL

**33 Engine 33**

Year	Cyl	Bore x Stroke
01/1981 - 12/1986	L4	66.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1950A</b> STD, .25, .50, .75, 1.00		39.982/1.5741 39.994/1.5746	43.000/1.6929 43.025/1.6939	1.499/.0590	17.52/.690	F810	1950A IH
<b>MAINS</b>							
<b>5M1932A</b> STD, .25, .50, .75, 1.00	1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.025/1.9301	2.001/.0788	20.00/.787	F810	1932A IH
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

**34 Engine 34**

Year	Cyl	Bore x Stroke
01/1992 - 12/1997	V6	93.4mm x 77.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>6B1840A</b> STD, .25, .50, .75, 1.00		53.922/2.1229 53.937/2.1235	56.982/2.2434 57.000/2.2441	1.513/.0596	17.12/.674	F810	1840A IH
<b>MAINS</b>							
<b>4M1842A</b> STD, .25, .50, .75, 1.00	1,4	63.919/2.5165 63.932/2.5170	68.979/2.7157 68.999/2.7165	2.527/.0995	18.50/.728	F810	1842A IH
	2,3	63.919/2.5165 63.932/2.5170	68.979/2.7157 68.999/2.7165	2.527/.0995	16.50/.650	F810	1843A UL
<b>THRUST</b>							
<b>1T1842</b> STD		71.000/2.7953 71.250/2.8051	97.550/3.8405 97.800/3.8504		1.95/.077	F817	1842T IH

**35 Engine 35**

Year	Cyl	Bore x Stroke
08/1987 - 03/2003	L4	92.6mm x 95.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1820A</b> STD, .25, .50, .75, 1.00		48.927/1.9263 48.940/1.9268	51.985/2.0466 52.005/2.0474	1.510/.0594	22.00/.866	F810	1820A IH
<i>Partial groove and oil hole at notch end.</i>							
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262 48.940/1.9268	51.987/2.0467 52.000/2.0472	1.513/.0596	22.00/.866	F810	2821A IH
<b>MAINS</b>							
<b>5M1824A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	55.919/2.2015 55.932/2.2020	59.980/2.3614 60.000/2.3622	2.008/.0791	21.75/.856	F810	1824A UL
<b>THRUST</b>							
<b>1T1824</b> STD		63.750/2.5098 64.000/2.5197	79.934/3.1470 80.188/3.1570		2.36/.093	F817	1824T IH

**36 Engine 36**

Year	Cyl	Bore x Stroke
01/1989 - 12/1997	L5	82.0mm x 75.6mm
01/1992 - 12/1998	L5	85.0mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>5B1943A</b> STD, .25, .50, .75, 1.00		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.498/.0590	19.40/.764	F810	1943A IH



36 Continued ...							36
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6M1944A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236	2.001/.0788	20.00/.787	F810	1944A UL
	<b>THRUST</b>	57.650/2.2697 57.900/2.2795	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1937T IH

37 Engine				Year	Cyl	Bore x Stroke	37
J32A Series 3210cc V6 SOHC 4v				01/1999 - 12/2008	V6	89.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M1996A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4	71.976/2.8337 72.000/2.8346	77.036/3.0329 77.060/3.0339	2.505/.0986	18.10/.713	F810	1996A UL
	<b>THRUST</b>					F817	1996T IH

38 Engine				Year	Cyl	Bore x Stroke	38
K20A3 1998cc Inline4 DOHC 4v				09/2001 - 07/2006	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B1906H</b> STD, .025, .25, .50	<b>CONROD</b>	44.976/1.7707	48.000/1.8898	1.502/.0591	15.50/.610	F781	1906H IH
		45.000/1.7717	48.024/1.8907				
<b>RACE SERIES</b> <b>4B1906HX</b> STD	<b>CONROD</b>	0.001" extra oil clearance on STD journal.		1.489/.0586	15.50/.610	F781	1906HX IH
		44.976/1.7707	48.000/1.8898				
<b>4B1906P</b> STD, .25, .50, .75	<b>CONROD</b>	44.976/1.7707	48.000/1.8898	1.502/.0591	15.50/.610	F780	1906 IH
		45.000/1.7717	48.024/1.8907				
<b>5M1959A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	Half groove with two oil holes in upper half.		2.002/.0788	20.00/.787	F810	1959A UL
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				
<b>RACE SERIES</b> <b>5M1959H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	54.980/2.1646	59.000/2.3228	2.002/.0788	20.00/.787	F780	1959H UL
		55.000/2.1654	59.020/2.3236				
<b>RACE SERIES</b> <b>5M1959HX</b> STD	<b>MAINS</b> 1,2,3,4,5	0.001" extra oil clearance on STD journal.		1.989/.0783	20.00/.787	F780	1959HX UL
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				
<b>5M1959P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	Half groove with two oil holes in upper half.		2.007/.0790	20.00/.787	F780	1959 UL
		54.980/2.1646 55.000/2.1654	59.000/2.3228 59.020/2.3236				
<b>1T1957</b> STD	<b>THRUST</b>	61.250/2.4114	81.750/3.2185		2.50/.098	F817	1957T IH
		61.500/2.4213	82.000/3.2283				
<b>4RB4224</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.		1.250/.0492	19.80/.780	F100	4RB4224

39 Engine				Year	Cyl	Bore x Stroke	39
EY 1598cc Inline4 SOHC 2v				06/1983 - 10/1986	L4	80.0mm x 79.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1460A</b> STD, .25, .50	<b>CONROD</b>	41.973/1.6525	45.000/1.7717	1.503/.0592	17.50/.689	F810	1460A IH
		41.998/1.6535	45.021/1.7725				



**39 Continued ... 39**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Bearings have a slot.</i>					
<b>5M1947A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

**40 Engine Year Cyl Bore x Stroke 40**  
EV 1342cc Inline4 SOHC 2v 07/1983 - 10/1987 L4 74.0mm x 78.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1930A</b> STD, .25, .50, .75			43.000/1.6929	1.504/.0592	18.50/.728	F810	1930A IH
			43.025/1.6939				
<b>MAINS</b>		<i>Bearings have a slot.</i>					
<b>5M1947A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
<b>MAINS</b>		<i>Hardening Of Shaft Recommended After Grinding. To be superceded by 5M1947A.</i>					
<b>5M1952A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949	77.600/3.0551		2.49/.098	F817	1952T IH
		56.000/2.2047	77.850/3.0650				

**41 Engine Year Cyl Bore x Stroke 41**  
J30A Series 2997cc V6 SOHC 4v 12/1997 - On V6 86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1994P</b> STD, .25, .50, .75, 1.00			56.000/2.2047	1.510/.0594	1.51/.059	F780	1994 IH
			56.020/2.2055				
<b>MAINS</b>							
<b>4M1996A</b> STD, .25, .50, .75, 1.00	1,2,3,4	71.976/2.8337	77.036/3.0329	2.505/.0986	18.10/.713	F810	1996A UL
		72.000/2.8346	77.060/3.0339				
<b>THRUST</b>							
<b>1T1996</b> STD						F817	1996T IH

**42 Engine Year Cyl Bore x Stroke 42**

EB1 1169cc Inline4 SOHC 2v				12/1972 - 12/1975	L4	70.0mm x 76.0mm	
EB2 1237cc Inline4 SOHC 2v				01/1974 - 12/1979	L4	72.0mm x 76.0mm	
EB3 1237cc Inline4 SOHC 2v				03/1978 - 12/1979	L4	72.0mm x 76.0mm	
EE 1237cc Inline4 SOHC 2v				01/1975 - 01/1979	L4	72.0mm x 76.0mm	
EJ 1335cc Inline4 SOHC 2v				01/1982 - 12/1983	L4	72.0mm x 82.0mm	
EN 1335cc Inline4 SOHC 2v				01/1978 - 12/1983	L4	72.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1950A</b> STD, .25, .50, .75, 1.00		39.982/1.5741	43.000/1.6929	1.499/.0590	17.52/.690	F810	1950A IH
		39.994/1.5746	43.025/1.6939				
<b>MAINS</b>		<i>Bearings have a slot.</i>					
<b>5M1947A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.980/1.9677	54.000/2.1260	2.004/.0789	20.00/.787	F810	1947A IH
		50.000/1.9685	54.020/2.1268				
<b>MAINS</b>		<i>Hardening Of Shaft Recommended After Grinding. To be superceded by 5M1947A.</i>					
<b>5M1952A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.999/.0787	19.94/.785	F810	1952A IH
		49.994/1.9683	54.024/2.1269				
		49.982/1.9678	54.000/2.1260				
		49.994/1.9683	54.024/2.1269	1.999/.0787	19.94/.785	F810	1952A IH



**42 Continued ... 42**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

**43 Engine 43**

Year	Cyl	Bore x Stroke
09/1983 - 10/1987	L4	74.0mm x 78.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1931A</b> STD, .25, .50		37.976/1.4951 38.000/1.4961	41.000/1.6142 41.025/1.6152	1.504/.0592	18.50/.728	F810	1931A IH
<b>MAINS</b>							
<b>5M1932A</b> STD, .25, .50, .75, 1.00	1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.025/1.9301	2.001/.0788	20.00/.787	F810	1932A IH
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

**44 Engine 44**

Year	Cyl	Bore x Stroke
07/1977 - 05/1988	L2	72.0mm x 67.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>2B1990A</b> STD, .25, .50			43.000/1.6929 43.020/1.6937	1.504/.0592	17.50/.689	F810	1990A IH
<b>MAINS</b>							
<b>3M1991A</b> STD, .25, .50	1,2,3		<i>Suits 42mm shaft, for engines from 7/1977 to 6/1982.</i> 46.000/1.8110 46.020/1.8118	2.001/.0788	20.00/.787	F810	1991A UL
<b>MAINS</b>							
<b>3M1992A</b> STD, .25, .50	1,2,3		<i>Suits 38mm shaft, for engines from 6/1982 to 5/1988.</i> 42.000/1.6535 42.020/1.6543	2.001/.0788	20.00/.787	F810	1992A UL
<b>THRUST</b>							
<b>1T1991</b> STD			82.000/3.2283		2.50/.098	F817	1991T UL

**45 Engine 45**

Year	Cyl	Bore x Stroke
10/1981 - 12/1986	L4	66.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1926A</b> STD, .25, .50, .75		36.980/1.4559 37.000/1.4567	40.000/1.5748 40.025/1.5758	1.504/.0592	17.50/.689	F810	1926A IH
<b>MAINS</b>							
<b>5M1932A</b> STD, .25, .50, .75, 1.00	1-5	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.025/1.9301	2.001/.0788	20.00/.787	F810	1932A IH
<b>THRUST</b>							
<b>1T1952</b> STD, .125, .25	1	55.750/2.1949 56.000/2.2047	77.600/3.0551 77.850/3.0650		2.49/.098	F817	1952T IH

**46 Engine 46**

Year	Cyl	Bore x Stroke
01/1986 - 12/1991	V6	84.0mm x 75.0mm
01/1986 - 12/1991	V6	87.0mm x 75.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>6B1935A</b> STD, .25, .50, .75		51.976/2.0463 52.000/2.0472	55.000/2.1654 55.025/2.1663	1.503/.0592	17.50/.689	F810	1935A IH

46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>4M1934A</b> STD, .25, .50	MAINS 1,2,3,4	<i>To suit 68mm tunnel.</i>		2.000/.0787	20.00/.787	F810	1934A UL
		63.976/2.5187 64.000/2.5197	68.000/2.6772 68.020/2.6779				
<b>1T1934</b> STD	THRUST	75.250/2.9626	93.750/3.6909		2.50/.098	F817	1934T IH
		75.500/2.9724	94.000/3.7008				

47 Engine		Year	Cyl	Bore x Stroke	47
C27A4 2675cc V6 SOHC 4v		01/1994 - 12/1996	V6	87.0mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1935A</b> STD, .25, .50, .75	CONROD	51.976/2.0463	55.000/2.1654	1.503/.0592	17.50/.689	F810	1935A IH
		52.000/2.0472	55.025/2.1663				
<b>4M1933A</b> STD, .25, .50, .75	MAINS 1,2,3,4	<i>To suit 69mm tunnel.</i>		2.505/.0986	20.00/.787	F810	1933A UL
		63.974/2.5187 64.000/2.5197	68.986/2.7160 69.000/2.7165				
<b>1T1934</b> STD	THRUST	75.250/2.9626	93.750/3.6909		2.50/.098	F817	1934T IH
		75.500/2.9724	94.000/3.7008				

48 Engine		Year	Cyl	Bore x Stroke	48
E05A 547cc Inline3 SOHC 4v		12/1987 - 02/1990	L3	62.5mm x 59.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3B1988A</b> STD, .25, .50	CONROD		35.000/1.3780 35.020/1.3787	1.504/.0592	17.50/.689	F810	1988A IH
<b>4M1989A</b> STD, .25, .50	MAINS 1,2,3,4		44.000/1.7323 44.020/1.7331	2.009/.0791	19.00/.748	F810	1989A UL
<b>1T1991</b> STD	THRUST		82.000/3.2283		2.50/.098	F817	1991T UL





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
6.0L Gen IV LS2 V8 OHV 2v	10/2004 - 04/2008	V8	5967	364	1
6.2L Gen IV LS3 V8 OHV 2v	01/2008 - On	V8	6162	376	2



1 Engine		Year		Cyl	Bore x Stroke	1	
6.0L Gen IV LS2 V8 OHV 2v		10/2004 - 04/2008		V8	101.6mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B663A</b> STD, 01, 10, 20, 30, 40		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F810	2376A IH
<b>RACE SERIES</b> <b>8B663H</b> STD, 001, 009, 010, 011, 020	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
<b>RACE SERIES</b> <b>8B663HD</b> STD, 001, 010	<b>CONROD</b>	<i>Dowel hole in upper half.</i>		1.575/.0620	21.25/.837	F781	2376H U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L
<b>RACE SERIES</b> <b>8B663HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.559/.0614	21.25/.837	F781	2376HX UL
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252				
<b>RACE SERIES</b> <b>8B663HXD</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>		1.562/.0615	21.25/.837	F781	2376HX U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HDX L
<b>8B663P</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH
<b>MAINS</b>							
<b>5M7297A</b> STD, 010, 020, 030, 040	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F810	7298A UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F810	7297A(F) UL
<b>RACE SERIES</b> <b>5M7297H</b> STD, 001, 010, 020	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F780	7298H UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F780	7297H(F) UL
<b>RACE SERIES</b> <b>5M7297HX</b> STD	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	20.45/.805	F780	7298HX UL
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	26.10/1.028	F780	7297HX(F) UL
<b>CAMS</b>							
<b>5C1001S</b> STD	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3

2 Engine		Year		Cyl	Bore x Stroke	2	
6.2L Gen IV LS3 V8 OHV 2v		01/2008 - On		V8	4.07in x 3.62in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>8B663H</b> STD, 001, 009, 010, 011, 020	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.572/.0619	21.25/.837	F781	2376H UL
<b>RACE SERIES</b> <b>8B663HD</b> STD, 001, 010	<b>CONROD</b>	<i>Dowel hole in upper half.</i>		1.575/.0620	21.25/.837	F781	2376H U
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F781	2376HD L



2		Continued ...						2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>8B663HX</b> STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.559/.0614	21.25/.837	F781	2376HX UL	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal. Dowel hole in upper half.</i>						
<b>8B663HXD</b> STD		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HX U	
		53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.562/.0615	21.25/.837	F781	2376HXD L	
<b>8B663P</b> STD, 01, 10, 20, 30, 40	<b>CONROD</b>	53.315/2.0990 53.340/2.1000	56.507/2.2247 56.520/2.2252	1.575/.0620	21.25/.837	F780	2376 IH	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M7297H</b> STD, 001, 010, 020	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	20.45/.805	F780	7298H UL	
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.430/.0957	26.10/1.028	F780	7297H(F) UL	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M7297HX</b> STD	1,2,4,5	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	20.45/.805	F780	7298HX UL	
	3	64.993/2.5588 65.007/2.5593	69.873/2.7509 69.887/2.7515	2.417/.0952	26.10/1.028	F780	7297HX(F) UL	
<b>5C1001S</b> STD	<b>CAMS</b>	<i>2nd design # 1 &amp; 5 housing size of 2.3460"-2.3480".</i>						
	1,5	54.991/2.1650 55.042/2.1670	59.588/2.3460 59.639/2.3480	2.260/.0890	16.00/.630	F23	CH-23-1	
	2,4	54.991/2.1650 55.042/2.1670	59.080/2.3260 59.131/2.3280	2.029/.0799	16.00/.630	F23	CH-10-1	
	3	54.991/2.1650 55.042/2.1670	58.580/2.3063 58.631/2.3083	1.778/.0700	16.00/.630	F23	CH-10-3	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
G4HA (Epsilon) 798cc Inline4 SOHC 3v	01/1997 - On	L4	798	48	6
G4HC (Epsilon) 999cc Inline4 SOHC 3v	01/1997 - On	L4	999	60	6
G4HG (Epsilon) 1086cc Inline4 SOHC 3v	01/1997 - On	L4	1086	66	6
G4EA 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	1341	81	1
G4EH 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	1341	81	1
G4EE 1399cc Inline4 DOHC 4v	11/2005 - On	L4	1399	85	1
G4AJ 1468cc Inline4 SOHC 2v	02/1986 - 12/1994	L4	1468	89	11
G4DJ 1468cc Inline4 SOHC 3v	02/1990 - 10/1994	L4	1468	89	11
G4AE 1495cc Inline4 SOHC 3v	01/1994 - 12/1999	L4	1495	91	1
G4EB 1495cc Inline4 SOHC 3v	01/2000 - 12/2002	L4	1495	91	1
G4EC 1495cc Inline4 DOHC 4v	09/2000 - 10/2005	L4	1495	91	1
G4EK 1495cc Inline4 SOHC 3v	10/1992 - 02/1998	L4	1495	91	1
G4EKT 1495cc Inline4 SOHC Turbo 3v	10/1992 - 12/1995	L4	1495	91	1
G4FK 1495cc Inline4 DOHC 4v	01/1998 - 09/2000	L4	1495	91	1
G4FC (Gamma) 1591cc Inline4 DOHC 4v	01/2006 - 12/2012	L4	1591	97	9
G4CR 1596cc Inline4 DOHC 4v	01/1991 - 12/1992	L4	1596	97	8
G4ED 1599cc Inline4 DOHC 4v	08/2002 - 10/2005	L4	1599	97	1
G4CM 1795cc Inline4 DOHC 4v	01/1990 - 12/1995	L4	1795	109	5
G4GB 1795cc Inline4 DOHC 4v	10/2000 - On	L4	1795	109	5
G4GM 1795cc Inline4 DOHC 4v	08/1995 - 03/2002	L4	1795	109	5
G4DM 1796cc Inline4 16v	01/1996 - 12/1999	L4	1796	109	5
G4CN 1836cc Inline4 DOHC 4v	10/1992 - 08/1995	L4	1836	112	8
G4GC 1975cc Inline4 DOHC 4v	10/2000 - 12/2005	L4	1975	120	5
G4GF 1975cc Inline4 DOHC 4v	08/1996 - 03/2002	L4	1975	120	5
G4CP 1997cc Inline4 DOHC 4v	10/1993 - 05/1998	L4	1997	121	12
G4JP 1997cc Inline4 DOHC 4v	08/1998 - 09/2001	L4	1997	121	14
G4KF (Theta II) 1998cc Inline4 DOHC 4v Turbo	01/2009 - On	L4	1998	121	4
G4CS 2350cc Inline4 SOHC 2v	01/1989 - 10/1991	L4	2350	143	8
G4JS 2351cc Inline4 DOHC 4v	11/2000 - 06/2005	L4	2351	143	14
G4KC (Theta) 2359cc Inline4 DOHC 4v	01/2006 - On	L4	2359	143	10
D4B (H100) 2476cc Inline4 OHV 2v Diesel	01/1988 - On	L4	2476	151	13
G6BV V 2493cc V6 DOHC 4v	05/1998 - 04/2004	V6	2493	152	2
G6AV 2497cc V6 DOHC 4v	01/1992 - 12/1998	V6	2497	152	7
G6BA1 2656cc V6 DOHC 4v	03/2002 - On	V6	2656	162	2
G6BA3 2656cc V6 DOHC 4v	08/2004 - 02/2010	V6	2656	162	2
G6BAX 2656cc V6 DOHC 4v	07/2000 - 05/2009	V4	2656	162	2
G6BAY 2656cc V6 DOHC 4v	09/2001 - 05/2005	V4	2656	162	2
G6EAY 2656cc V6 DOHC 4v	11/2000 - On	V6	2656	162	2
G6AT 2972cc V6 SOHC 2v	01/1990 - 08/1998	V6	2972	181	7
G6CTX 2972cc V6 DOHC	10/1999 - 12/2002	V6	2972	181	7
D4AE 3298cc Inline4 OHV 2v Diesel	01/1987 - On	L4	3298	201	3
D4AL 3298cc Inline4 OHV 2v Diesel	01/1990 - On	L4	3298	201	3
G6CU 3497cc V6 DOHC 4v	11/2001 - 12/2008	V6	3497	213	15
D4D 3907cc Inline4 OHV 2v Diesel	01/1990 - On	L4	3907	238	3



1	Engine	Year	Cyl	Bore x Stroke	1
	G4AE 1495cc Inline4 SOHC 3v	01/1994 - 12/1999	L4	75.5mm x 83.5mm	
	G4EA 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	71.0mm x 83.5mm	
	G4EB 1495cc Inline4 SOHC 3v	01/2000 - 12/2002	L4	75.0mm x 83.0mm	
	G4EC 1495cc Inline4 DOHC 4v	09/2000 - 10/2005	L4	71.5mm x 83.5mm	
	G4ED 1599cc Inline4 DOHC 4v	08/2002 - 10/2005	L4	76.5mm x 87.0mm	
	G4EE 1399cc Inline4 DOHC 4v	11/2005 - On	L4	75.5mm x 78.1mm	
	G4EH 1341cc Inline4 SOHC 3v	01/1993 - 12/2002	L4	71.0mm x 83.5mm	
	G4EK 1495cc Inline4 SOHC 3v	10/1992 - 02/1998	L4	75.5mm x 83.5mm	
	G4EKT 1495cc Inline4 SOHC Turbo 3v	10/1992 - 12/1995	L4	75.5mm x 83.5mm	
	G4FK 1495cc Inline4 DOHC 4v	01/1998 - 09/2000	L4	75.5mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1201A</b> STD, .25, .50, .75		44.975/1.7707	48.000/1.8898	1.505/.0593	19.12/.753	F810	1201A
		44.990/1.7713	48.020/1.8905				IH
<b>MAINS</b>							
<b>5M1202A</b> STD, .25, .50, .75, 1.00	1,2,4,5	49.977/1.9676	54.000/2.1260	1.994/.0785	18.13/.714	F810	1202A
		49.992/1.9682	54.020/2.1268				UL
	3	49.977/1.9676	54.000/2.1260	1.994/.0785	22.95/.904	F810	1203A(F)
		49.992/1.9682	54.020/2.1268				UL
<b>MAINS</b>							
<i>This set has oversized flanges for undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+0.26, 1.00=Std+0.34. See 5M1202A for std width version.</i>							
<b>5M1218A</b> STD, .25, .50, .75, 1.00	1,2,4,5	49.977/1.9676	54.000/2.1260	1.994/.0785	18.13/.714	F810	1202A
		49.992/1.9682	54.020/2.1268				UL
	3	49.977/1.9676	54.000/2.1260	1.994/.0785	22.95/.904	F810	1218A(F)
		49.992/1.9682	54.020/2.1268				UL

2	Engine	Year	Cyl	Bore x Stroke	2
	G6BA1 2656cc V6 DOHC 4v	03/2002 - On	V6	86.7mm x 75.0mm	
	G6BA3 2656cc V6 DOHC 4v	08/2004 - 02/2010	V6	86.7mm x 75.0mm	
	G6BAX 2656cc V6 DOHC 4v	07/2000 - 05/2009	V4	86.7mm x 75.0mm	
	G6BAY 2656cc V6 DOHC 4v	09/2001 - 05/2005	V4	86.7mm x 75.0mm	
	G6BV V 2493cc V6 DOHC 4v	05/1998 - 04/2004	V6	84.0mm x 75.0mm	
	G6EAY 2656cc V6 DOHC 4v	11/2000 - On	V6	86.7mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1210A</b> STD, .25, .50, .75		47.982/1.8891	51.000/2.0079	1.495/.0589	15.00/.591	F810	1210A
		48.000/1.8898	51.020/2.0087				IH
<b>MAINS</b>							
<b>4M1215A</b> STD, .25, .50, .75	1,2,3,4	61.982/2.4402	66.020/2.5992	2.003/.0789	17.00/.669	F810	1215A
		62.000/2.4409	66.020/2.5992				UL
<b>THRUST</b>							
<b>2T1215</b> STD		68.250/2.6870	79.600/3.1339		1.95/.077	F817	1215T
		68.500/2.6968	79.850/3.1437				UL

3	Engine	Year	Cyl	Bore x Stroke	3
	D4AE 3298cc Inline4 OHV 2v Diesel	01/1987 - On	L4	100.0mm x 105.0mm	
	D4AL 3298cc Inline4 OHV 2v Diesel	01/1990 - On	L4	100.0mm x 105.0mm	
	D4D 3907cc Inline4 OHV 2v Diesel	01/1990 - On	L4	104.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1191P</b> STD, .25, .50, .75, 1.00		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1191
		59.964/2.3608	64.018/2.5204				U
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536
		59.964/2.3608	64.018/2.5204				L
<b>MAINS</b>							
<i>Slot opposite notch in the upper shell, plain lower.</i>							
<b>5M1198P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198
		77.950/3.0689	82.022/3.2292				UL



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>THRUST</b>		103.50mm O.D.					
<b>3T1199</b> STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T IH
		85.750/3.3760	103.500/4.0748				

4 Engine		Year	Cyl	Bore x Stroke	4		
G4KF (Theta II) 1998cc Inline4 DOHC 4v Turbo		01/2009 - On	L4	86.0mm x 86.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES</b> <b>4B1293H</b> Std, .025, .25	<b>CONROD</b>	47.954/1.8879	51.000/2.0079	1.513/.0596	17.00/.669	F781	1293H IH
		47.972/1.8887	51.018/2.0086				

<b>RACE SERIES</b> <b>4B1293HX</b> Std	<b>CONROD</b>	0.001" extra oil clearance on STD journal.					
		47.954/1.8879	51.000/2.0079	1.500/.0591	17.00/.669	F781	1293HX IH
		47.792/1.8816	51.018/2.0086				

<b>RACE SERIES</b> <b>5M1295H</b> Std, .025, .25	<b>MAINS</b> 1,2,3,4,5	51.942/2.0450	56.000/2.2047	2.022/.0796	18.00/.709	F780	1295H UL
		51.960/2.0457	56.018/2.2054				

<b>RACE SERIES</b> <b>5M1295HX</b> Std	<b>MAINS</b> 1,2,3,4,5	51.942/2.0450	56.000/2.2047	2.009/.0791	18.00/.709	F780	1295HX UL
		51.960/2.0457	56.018/2.2054				

5 Engine		Year	Cyl	Bore x Stroke	5		
G4CM 1795cc Inline4 DOHC 4v		01/1990 - 12/1995	L4	80.0mm x 88.0mm			
G4DM 1796cc Inline4 16v		01/1996 - 12/1999	L4	82.0mm x 85.0mm			
G4GB 1795cc Inline4 DOHC 4v		10/2000 - On	L4	82.0mm x 85.0mm			
G4GC 1975cc Inline4 DOHC 4v		10/2000 - 12/2005	L4	82.0mm x 93.5mm			
G4GF 1975cc Inline4 DOHC 4v		08/1996 - 03/2002	L4	82.0mm x 93.5mm			
G4GM 1795cc Inline4 DOHC 4v		08/1995 - 03/2002	L4	82.0mm x 85.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1206A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.975/1.7707	48.003/1.8899	1.498/.0590	21.00/.827	F810	1206A IH
		44.990/1.7713	48.016/1.8904				

<b>5M1204A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5,	56.977/2.2432	61.000/2.4016	1.994/.0785	21.00/.827	F810	1204A UL
		56.992/2.2438	61.020/2.4024				
	3	56.977/2.2432	61.000/2.4016	1.994/.0785	21.00/.827	F810	1205A IH
		56.992/2.2438	61.020/2.4024				

<b>1T1204</b> STD	<b>THRUST</b>	63.000/2.4803	84.500/3.3268		2.47/.097	F817	1204T IH
		63.250/2.4902	84.750/3.3366				

6 Engine		Year	Cyl	Bore x Stroke	6		
G4HA (Epsilon) 798cc Inline4 SOHC 3v		01/1997 - On	L4	63.0mm x 64.0mm			
G4HC (Epsilon) 999cc Inline4 SOHC 3v		01/1997 - On	L4	66.0mm x 73.0mm			
G4HG (Epsilon) 1086cc Inline4 SOHC 3v		01/1997 - On	L4	67.0mm x 77.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1256A</b> STD, .25, .50, .75, 1.0, 1.25,	<b>CONROD</b>		41.000/1.6142	1.495/.0589	14.60/.575	F810	1256A IH
			41.020/1.6150				

<b>5M1258A</b> STD, .25, .50, .75, 1.0, 1.25,	<b>MAINS</b> 1,2,3,4,5	Fully grooved set.					
			46.000/1.8110	2.000/.0787	16.10/.634	F810	1258A IH
			46.018/1.8117				

<b>5M1258A+2T</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	Fully grooved set. This set includes thrustwasher set 1T1258.			2.47/.097	F817	1258T IH
		47.000/1.8504	58.250/2.2933				
	1,2,3,4,5	47.250/1.8602	58.500/2.3031				
			46.000/1.8110	2.000/.0787	16.10/.634	F810	1258A IH
			46.018/1.8117				



6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1259A</b> STD, .25, .50, .75, 1.0, 1.25	<b>MAINS</b>	<i>Half Groove Set</i>					
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1259A L
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1258A U
<b>5M1259A+2T</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half groove set. This set includes thrustwasher set 1T1258.</i>					
		47.000/1.8504 47.250/1.8602	58.250/2.2933 58.500/2.3031		2.47/.097	F817	1258T IH
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1259A L
	1,2,3,4,5		46.000/1.8110 46.018/1.8117	2.000/.0787	16.10/.634	F810	1258A U
<b>1T1258</b> STD, .10, .25	<b>THRUST</b>	47.000/1.8504 47.250/1.8602	58.250/2.2933 58.500/2.3031		2.47/.097	F817	1258T IH

7 Engine				Year	Cyl	Bore x Stroke	7
G6AT 2972cc V6 SOHC 2v				01/1990 - 08/1998	V6	91.1mm x 76.0mm	
G6AV 2497cc V6 DOHC 4v				01/1992 - 12/1998	V6	83.5mm x 76.0mm	
G6CTX 2972cc V6 DOHC				10/1999 - 12/2002	V6	91.0mm x 76.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1140A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F810	1140A IH
<b>RACE SERIES</b> <b>6B1140H</b> STD, .025, .25	<b>CONROD</b>	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F781	1140H IH
<b>RACE SERIES</b> <b>6B1140HX</b> STD	<b>CONROD</b>	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.478/.0582	15.50/.610	F781	1140HX IH
<b>4M1149A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.991/.0784	18.13/.714	F810	1149A UL
<b>RACE SERIES</b> <b>4M1149H</b> STD, .025, .25	<b>MAINS</b>	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/.0783	18.13/.714	F780	1149H UL
<b>RACE SERIES</b> <b>4M1149HX</b> STD	<b>MAINS</b>	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.975/.0778	18.13/.714	F780	1149HX UL
<b>2T1149</b> STD	<b>THRUST</b>	66.250/2.6083 66.500/2.6181	77.450/3.0492 77.700/3.0590		1.98/.078	F817	1149T UL

8 Engine				Year	Cyl	Bore x Stroke	8
G4CN 1836cc Inline4 DOHC 4v				10/1992 - 08/1995	L4	81.5mm x 88.0mm	
G4CR 1596cc Inline4 DOHC 4v				01/1991 - 12/1992	L4	82.3mm x 75.0mm	
G4CS 2350cc Inline4 SOHC 2v				01/1989 - 10/1991	L4	86.5mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	<i>23.5 mm wide.</i>					
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
<b>RACE SERIES</b> <b>4B1146H</b> STD, .025, .25	<b>CONROD</b>	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
<b>RACE SERIES</b> <b>4B1146HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH



8 Continued ...							8	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>								
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
	<b>RACE SERIES</b> <b>MAINS</b> <i>Standard width flanges for all undersizes.</i>							
	<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>								
<b>5M1144HX</b> STD		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
	<b>MAINS</b> <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>							
	<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
<b>BALANCE</b>								
<b>3BS8389</b> STD, .25, .50		LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
		RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
			40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333				

9 Engine				Year	Cyl	Bore x Stroke	9
G4FC (Gamma) 1591cc Inline4 DOHC 4v				01/2006 - 12/2012	L4	77.0mm x 85.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8593A</b> STD, .25, .50, .75, 1.00				1.513/.0596	14.30/.563	F810	8593A IH
	<b>MAINS</b>						
<b>5M8594A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5			2.015/.0793	16.00/.630	F810	8594A

10 Engine				Year	Cyl	Bore x Stroke	10
G4KC (Theta) 2359cc Inline4 DOHC 4v				01/2006 - On	L4	88.0mm x 97.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8595A</b> STD, .25, .50, .75, 1.00		47.954/1.8879 47.972/1.8887	51.000/2.0079 51.018/2.0086	1.502/.0591	17.00/.669	F810	8595A IH
	<b>MAINS</b>						
<b>5M8596A</b> STD, .25, .50	1,2,3,4,5	51.942/2.0450 51.960/2.0457	56.000/2.2047 56.018/2.2054	2.015/.0793	18.10/.713	F810	8596A UL



11 Engine		Year	Cyl	Bore x Stroke	11		
G4AJ 1468cc Inline4 SOHC 2v		02/1986 - 12/1994	L4	75.5mm x 82.0mm			
G4DJ 1468cc Inline4 SOHC 3v		02/1990 - 10/1994	L4	75.5mm x 82.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> 15.5mm wide.							
<b>4B1130A</b> STD, .25, .50, .75, 1.00, 1.25		41.981/1.6528	45.000/1.7717	1.493/.0588	15.65/.616	F810	1130A IH
		42.000/1.6535	45.020/1.7724				
<b>CONROD</b> 17.6mm wide.							
<b>4B1736A</b> STD, .25, .50, .75, 1.00		41.980/1.6528	45.000/1.7717	1.493/.0588	17.63/.694	F810	1736A IH
		42.000/1.6535	45.020/1.7724				
<b>MAINS</b> Half groove.							
<b>5M1124A</b> STD, .25, .50, .75, 1.00	1,2,4,5	47.981/1.8890	52.000/2.0472	1.990/.0783	19.13/.753	F810	1124A UL
		48.000/1.8898	52.020/2.0480				
	3		47.980/1.8890	52.000/2.0472	1.990/.0783	23.95/.943	F810
		48.000/1.8898	52.020/2.0480				
12 Engine		Year	Cyl	Bore x Stroke	12		
G4CP 1997cc Inline4 DOHC 4v		10/1993 - 05/1998	L4	85.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> 21mm wide.							
<b>4B1185A</b> STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A IH
		44.996/1.7715	48.019/1.8905				
<b>CONROD</b>							
<b>RACE SERIES</b> <b>4B1185H</b> STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H IH
		44.996/1.7715	48.019/1.8905				
<b>CONROD</b> 0.001" extra oil clearance on STD journal.							
<b>RACE SERIES</b> <b>4B1185HX</b> STD		44.981/1.7709	47.998/1.8897	1.475/.0581	21.10/.831	F781	1185HX IH
		44.996/1.7715	48.019/1.8905				
<b>MAINS</b> Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.							
<b>5M1186A</b> STD, .25, .50, .75, 1.00	1,2,4,5.	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
	3		56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F810
		57.000/2.2441	61.021/2.4024				
<b>MAINS</b>							
<b>RACE SERIES</b> <b>5M1186H</b> STD, .025, .25	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186H UL
		57.000/2.2441	61.021/2.4024				
	3		56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F780
		57.000/2.2441	61.021/2.4024				
<b>MAINS</b> 0.001" extra oil clearance on STD journal.							
<b>RACE SERIES</b> <b>5M1186HX</b> STD	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186HX UL
		57.000/2.2441	61.021/2.4024				
	3		56.985/2.2435	61.000/2.4016	1.977/.0778	25.40/1.000	F780
		57.000/2.2441	61.021/2.4024				
<b>MAINS</b> Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.							
<b>5M1213A</b> .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
	3		56.985/2.2435	61.000/2.4016	2.115/.0833	25.65/1.010	F810
		57.000/2.2441	61.021/2.4024				
<b>BALANCE</b>							
<b>3BS8389</b> STD, .25, .50	LH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
			44.025/1.7333				
	RH/FRONT		45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
		45.025/1.7726					
	RH/REAR	40.967/1.6129	44.025/1.7333	1.495/.0589	21.25/.837	F820	8389
		40.967/1.6129	44.025/1.7333				



13 Engine		Year		Cyl	Bore x Stroke	13	
D4B (H100) 2476cc Inline4 OHV 2v Diesel		01/1988 - On		L4	91.50in x 95.00in		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1250A</b> STD, .25, .50, .75, 1.00		52.973/2.0855	56.007/2.2050	1.496/.0589	25.13/.989	F810	1250A IH
		53.000/2.0866	56.021/2.2055				
<b>MAINS</b>							
<b>5M1252A</b> STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976	70.000/2.7559	1.990/.0783	25.13/.989	F810	1252A L
		66.000/2.5984	70.021/2.7567				
	1,2,4,5	65.979/2.5976	70.000/2.7559	1.990/.0783	25.13/.989	F810	1137A U
	3	65.979/2.5976	70.000/2.7559	1.987/.0782	30.95/1.219	F810	1253A(F) UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4091</b> UNB		28.994/1.1415	32.000/1.2598	1.740/.0685	31.90/1.256	F100	4RB4091
		29.000/1.1417	32.020/1.2606				

14 Engine		Year		Cyl	Bore x Stroke	14	
G4JP 1997cc Inline4 DOHC 4v		08/1998 - 09/2001		L4	85.0mm x 88.0mm		
G4JS 2351cc Inline4 DOHC 4v		11/2000 - 06/2005		L4	86.5mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>21mm wide.</i>							
<b>4B1185A</b> STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A IH
		44.996/1.7715	48.019/1.8905				
<b>RACE SERIES</b>							
<b>4B1185H</b> STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H IH
		44.996/1.7715	48.019/1.8905				
<b>RACE SERIES</b>							
<b>4B1185HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.475/.0581	21.10/.831	F781	1185HX IH
		44.981/1.7709	47.998/1.8897				
		44.996/1.7715	48.019/1.8905				
<b>MAINS</b> <i>For use in engines requiring separate thrust washers.</i>							
<b>5M1219A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
<b>THRUST</b> <i>For use with 5M1219 set.</i>							
<b>1T1219</b> STD		63.100/2.4842	80.500/3.1693		2.11/.083	F250	1219T IH
		63.350/2.4941	80.750/3.1791				

15 Engine		Year		Cyl	Bore x Stroke	15	
G6CU 3497cc V6 DOHC 4v		11/2001 - 12/2008		V6	93.0mm x 85.8mm		
<i>V-formation (60 degrees).</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1180A</b> STD, .25, .50, .75, 1.00		54.981/2.1646	58.001/2.2835	1.495/.0589	15.50/.610	F810	1180A IH
		54.999/2.1653	58.019/2.2842				
<b>MAINS</b>							
<b>4M1183A</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.983/2.5190	68.000/2.6772	1.995/.0785	17.12/.674	F810	1183A UL
		64.000/2.5197	68.018/2.6779				
<b>THRUST</b>							
<b>1T1183</b> STD		70.100/2.7598	94.250/3.7106		1.96/.077	F817	1183T IH
		70.350/2.7697	94.500/3.7205				





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
G130 1325cc Inline4 OHV 2v	12/1966 - 12/1972	L4	1325	80	33
4XCI 1471cc Inline4 SOHC 2v	03/1985 - On	L4	1471	89	19
4XCI-T 1471cc Inline4 SOHC 2v Turbo	04/1986 - 12/1991	L4	1471	89	19
G150 1471cc Inline4 OHV 2v	12/1966 - 01/1970	L4	1471	89	33
4EC1 1487cc Inline4 OHV 2v Diesel	04/1985 - 02/1990	L4	1487	90	25
4EC1-T 1487cc Inline4 OHV 2v Turbo Diesel	04/1985 - 02/1990	L4	1487	90	26
4FA1 1487cc Inline4 SOHC 2v Diesel	01/1981 - 12/1989	L4	1487	90	4
4FA1-T 1487cc Inline4 SOHC 2v Turbo Diesel	01/1981 - 12/1989	L4	1487	90	4
4JF1 1496cc Inline4 OHV 2v Diesel	04/1986 - On	L4	1496	91	10
4FE1 1499cc Inline4 SOHC 2v Diesel	05/1985 - On	L4	1499	91	4
4FE1-T 1499cc Inline4 SOHC 2v Turbo Diesel	05/1985 - On	L4	1499	91	4
4ZA1 1584cc Inline4 SOHC 2v	01/1981 - On	L4	1584	96	38
G160 1584cc Inline4 OHV 2v	01/1972 - 12/1979	L4	1584	96	33
G161 1584cc Inline4 OHV 2v	01/1980 - 12/1984	L4	1584	96	34
G161 1584cc Inline4 SOHC 2v	12/1969 - 12/1974	L4	1584	96	5
G161SS 1584cc Inline4 SOHC 2v	12/1966 - 12/1968	L4	1584	96	5
G161W 1584cc Inline4 DOHC 2v	12/1969 - 12/1979	L4	1584	96	5
G161Z 1584cc Inline4 SOHC 2v	01/1975 - 12/1986	L4	1584	96	5
4XE1 1588cc Inline4 SOHC 3v	01/1988 - 12/1993	L4	1588	96	8
4XE1-T 1588cc Inline4 DOHC 4v Turbo	01/1991 - 12/1992	L4	1588	96	7
4EE1 1686cc Inline4 OHV 2v Diesel	02/1990 - 03/1993	L4	1686	102	27
4EE1-T 1686cc Inline4 OHV 2v Turbo Diesel	02/1990 - 03/1993	L4	1686	102	27
4FB1 1817cc Inline4 SOHC 2v Diesel	01/1979 - 05/1986	L4	1817	110	4
4FB1-T 1817cc Inline4 SOHC 2v Turbo Diesel	01/1982 - 05/1986	L4	1817	110	2
4ZB1 1817cc Inline4 SOHC 2v	03/1981 - 06/1990	L4	1817	110	38
G180W 1817cc Inline4 SOHC 2v	01/1982 - On	L4	1817	110	14
G180Z 1817cc Inline4 SOHC 2v	01/1969 - 07/1987	L4	1817	110	5
4JE1 1862cc Inline4 OHV 2v Diesel	01/1987 - On	L4	1862	113	10
G200W 1949cc Inline4 DOHC 2v	01/1979 - 12/1990	L4	1949	118	13
G200Z 1949cc Inline4 SOHC 2v	01/1979 - 12/1990	L4	1949	118	35
C190 1951cc Inline4 OHV 2v Diesel	01/1970 - 05/1988	L4	1951	119	44
G201 1951cc Inline4 SOHC 2v	01/1968 - 12/1979	L4	1951	119	36
4ZC1 1994cc Inline4 SOHC 2v	01/1986 - 12/1989	L4	1994	121	38
4FC1 1995cc Inline4 SOHC 2v Diesel	01/1980 - 06/1990	L4	1995	121	4
4FC1-T 1995cc Inline4 SOHC 2v Turbo Diesel	08/1983 - 12/1991	L4	1995	121	2
4JD1 2039cc Inline4 OHV 2v Diesel	01/1987 - On	L4	2039	124	10
4LE1 2179cc Inline4 OHV 2v Diesel	01/1990 - On	L4	2179	132	16
4LE2 2179cc Inline4 OHV 2v Diesel	01/1990 - On	L4	2179	132	17
4FD1 2189cc Inline4 SOHC 2v Diesel	03/1983 - 11/1988	L4	2189	133	2
C22NE 2198cc Inline4 SOHC 2v	01/2004 - On	L4	2198	134	9
C221 2207cc Inline4 SOHC 2v Diesel	12/1968 - 07/1979	L4	2207	134	45
4JC1 2238cc Inline4 OHV 2v Diesel	01/1984 - On	L4	2238	136	10
C223 2238cc Inline4 OHV 2v Diesel	12/1979 - 05/1990	L4	2238	136	47
C223-T 2238cc Inline4 OHV 2v Turbo Diesel	01/1984 - 12/1996	L4	2238	136	46
D201 2238cc Inline4 2v Diesel	01/1985 - 08/1988	L4	2238	136	10
4ZD1 2254cc Inline4 SOHC 2v	05/1984 - 01/1995	L4	2254	137	38
C240 2369cc Inline4 OHV 2v Diesel	12/1968 - 12/1988	L4	2369	144	48
4FG1 2380cc Inline4 SOHC 2v Diesel	11/1989 - 06/1990	L4	2380	145	2
4JA1 2499cc Inline4 OHV 2v Diesel	05/1984 - 01/1993	L4	2499	152	10
4ZE1 2559cc Inline4 SOHC 2v	08/1987 - 03/2003	L4	2559	156	39
4JB1 2771cc Inline4 OHV 2v Diesel	01/1984 - 01/1997	L4	2771	169	29
4JB1-T 2771cc Inline4 OHV 2v Turbo Diesel	10/1986 - 02/2003	L4	2771	169	30
4BA1 2775cc Inline4 OHV 2v Diesel	01/1971 - 05/1988	L4	2775	169	32
4JH1TC 2999cc Inline4 2v T/Diesel	12/2001 - On	L4	2999	183	18
4JJ1-TC 2999cc Inline4 DOHC 4v Turbo Diesel	10/2004 - On	L4	2999	183	6
4JG2 TC 3059cc Inline4 OHV 2v Turbo Diesel	01/1992 - 12/1998	L4	3059	186	30
6VD1 3165cc V6 DOHC 4v	04/1992 - 12/2003	V6	3165	193	43
6VD1 3165cc V6 SOHC 4v	04/1992 - 12/1997	V6	3165	193	43

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
4BC1 3268cc Inline4 OHV 2v Diesel	12/1978 - 06/1984	L4	3268	199	20
4BC2 3268cc Inline4 OHV 2v Diesel	02/1980 - 04/1990	L4	3268	199	21
C330 3318cc Inline4 SOHC 2v Diesel	12/1970 - 12/1988	L4	3318	202	49
6VE1 3494cc V6 DOHC 4v	02/1998 - 12/2005	V6	3494	213	43
4BB1 3595cc Inline4 OHV 2v Diesel	01/1971 - 12/1989	L4	3595	219	31
4BE1 3636cc Inline4 OHV 2v Diesel	01/1985 - 04/1998	L4	3636	221	24
4BE2 3636cc Inline4 OHV 2v Diesel	06/1986 - 04/1998	L4	3636	221	24
4BD1 3856cc Inline4 OHV 2v Diesel	12/1978 - 12/1993	L4	3856	235	23
4BD1T 3856cc Inline4 OHV 2v Turbo Diesel	02/1980 - 12/1993	L4	3856	235	22
4BD2 3856cc Inline4 OHV 2v Diesel	01/1993 - 12/1999	L4	3856	235	3
4BG1 4329cc Inline4 OHV 2v Diesel	06/1986 - 12/1993	L4	4329	264	3
4HF1 4334cc Inline4 SOHC 2v Diesel	01/1994 - 09/2000	L4	4334	264	28
4HG1 4570cc Inline4 SOHC 2v Diesel	10/2000 - On	L4	4570	278	52
4HE1-T 4751cc Inline4 SOHC 2v Turbo Diesel	05/1990 - On	L4	4751	289	53
D500 4978cc Inline6 SOHC 2v Diesel	12/1970 - 12/1988	L6	4978	303	50
D500-T 4978cc Inline6 SOHC 2v Turbo Diesel	01/1971 - 12/1977	L6	4978	303	12
4HJ1 4985cc Inline4 SOHC 2v Diesel	01/1990 - On	L4	4985	304	1
4HK1-T 5193cc Inline4 SOHC 2v Turbo Diesel	01/2005 - On	L4	5193	316	15
6BB1 5393cc Inline6 OHV 2v Diesel	06/1972 - 01/1984	L6	5393	329	40
6BD1 5785cc Inline6 OHV 2v Diesel	07/1975 - 12/1989	L6	5785	353	41
6BD1-T 5785cc Inline6 OHV 2v Turbo Diesel	01/1978 - 12/1989	L6	5785	353	42
6BF1 6130cc Inline6 SOHC 2v Diesel	10/1979 - 12/1988	L6	6130	374	51
6BF1-T 6130cc Inline6 OHV 2v Turbo Diesel	10/1979 - 12/1988	L6	6130	374	42
6BG1 6494cc Inline6 OHV 2v Diesel	01/1984 - On	L6	6494	396	37
6BG1-T 6494cc Inline6 OHV 2v Diesel	05/1985 - On	L6	6494	396	37
6HE1 7127cc Inline6 SOHC Diesel	01/1992 - 12/1998	L6	7127	434	54
6HE1-T 7127cc Inline6 SOHC Turbo Diesel	01/1990 - On	L6	7127	434	11
6HK1-T 7785cc Inline6 SOHC 4v Turbo Diesel	01/1990 - On	L6	7785	475	11
6HH1 8226cc Inline6 SOHC Diesel	01/1998 - On	L6	8226	501	54





1 Engine		Year		Cyl	Bore x Stroke		1
4HJ1 4985cc Inline4 SOHC 2v Diesel		01/1990 - On		L4	115.0mm x 120.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1836P</b> STD, .25, .50, .75, 1.00, 1.25		65.902/2.5946	69.985/2.7553	2.013/.0793	30.40/1.197	F780	1836 IH
		65.922/2.5953	70.000/2.7559				
<b>MAINS</b>							
<b>5M1837A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A UL
		81.925/3.2254	87.019/3.4259				
<b>MAINS</b>							
<b>5M1837P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
<b>THRUST</b>							
<b>3T1837</b> STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209				
		92.950/3.6594	110.000/4.3307				
<b>CAMS</b>							
<b>5C8555A</b> STD	1		43.000/1.6929	1.449/.0570	16.13/.635	F820	8556A L
			43.020/1.6937				
	1		43.000/1.6929	1.539/.0606	16.13/.635	F820	8555A U
			43.020/1.6937				
	2,3,4,5		43.000/1.6929	1.500/.0591	16.13/.635	F820	8557A IH
		43.020/1.6937					
<b>PISTON PIN BUSH</b> <i>Tapered bush. Set of 4.</i>							
<b>4RB4291</b> UNB		35.990/1.4169	40.000/1.5748	2.040/.0803	41.00/1.614	F100	4RB4291
		36.000/1.4173	40.020/1.5756				
<b>PISTON PIN BUSH</b> <i>Tapered bush.</i>							
<b>RB4291</b> UNB		35.990/1.4169	40.000/1.5748	2.040/.0803	41.00/1.614	F100	RB4291
		36.000/1.4173	40.020/1.5756				

2 Engine		Year		Cyl	Bore x Stroke		2
4FB1-T 1817cc Inline4 SOHC 2v Turbo Diesel		01/1982 - 05/1986		L4	84.0mm x 82.0mm		
4FC1-T 1995cc Inline4 SOHC 2v Turbo Diesel		08/1983 - 12/1991		L4	84.0mm x 90.0mm		
4FD1 2189cc Inline4 SOHC 2v Diesel		03/1983 - 11/1988		L4	88.0mm x 90.0mm		
4FG1 2380cc Inline4 SOHC 2v Diesel		11/1989 - 06/1990		L4	89.3mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1881A</b> STD, .25, .50, .75, 1.00		48.924/1.9261	51.972/2.0461	1.510/.0594	22.00/.866	F810	1881A IH
		48.937/1.9266	51.985/2.0466				
<b>MAINS</b>							
<b>5M1883A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A U
		55.932/2.2020	60.000/2.3622				
	1,2,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A L
		55.932/2.2020	60.000/2.3622				
	3	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1883A L
	55.932/2.2020	60.000/2.3622					
<b>THRUST</b>							
<b>1T1824</b> STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
<b>CAMS</b>							
<b>5C8083</b> STD	1,2,3,4,5	27.962/1.1009	31.000/1.2205	1.500/.0591	16.13/.635	F23	8083
		27.975/1.1014	31.025/1.2215				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4290</b> UNB			30.000/1.1811	1.540/.0606	26.75/1.053	F100	4RB4290
			30.025/1.1821				
<b>PISTON PIN BUSH</b>							
<b>RB4290</b> UNB			30.000/1.1811	1.540/.0606	26.75/1.053	F100	RB4290
			30.025/1.1821				

3	Engine	Year	Cyl	Bore x Stroke	3
	4BD2 3856cc Inline4 OHV 2v Diesel	01/1993 - 12/1999	L4	102.0mm x 118.0mm	
	4BG1 4329cc Inline4 OHV 2v Diesel	06/1986 - 12/1993	L4	105.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
<b>MAINS</b> <i>Suits from 04/86 on.</i>							
<b>5M1844A</b> STD, .25, .50	1,2,4,5	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1844A UL
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1845A UL
		79.920/3.1465	85.020/3.3472				
<b>THRUST</b> <i>Inside diameter is 88mm.</i>							
<b>2T1889</b> STD		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
		88.250/3.4744	101.000/3.9764				
<b>CAMS</b>							
<b>3C8081</b> STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	4RB4073
		35.000/1.3780	38.025/1.4970				
<b>PISTON PIN BUSH</b>							
<b>RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

4	Engine	Year	Cyl	Bore x Stroke	4
	4FA1 1487cc Inline4 SOHC 2v Diesel	01/1981 - 12/1989	L4	76.0mm x 82.0mm	
	4FA1-T 1487cc Inline4 SOHC 2v Turbo Diesel	01/1981 - 12/1989	L4	76.0mm x 82.0mm	
	4FB1 1817cc Inline4 SOHC 2v Diesel	01/1979 - 05/1986	L4	84.0mm x 82.0mm	
	4FC1 1995cc Inline4 SOHC 2v Diesel	01/1980 - 06/1990	L4	84.0mm x 90.0mm	
	4FE1 1499cc Inline4 SOHC 2v Diesel	05/1985 - On	L4	76.3mm x 82.0mm	
	4FE1-T 1499cc Inline4 SOHC 2v Turbo Diesel	05/1985 - On	L4	76.3mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1881A</b> STD, .25, .50, .75, 1.00		48.924/1.9261	51.972/2.0461	1.510/.0594	22.00/.866	F810	1881A IH
		48.937/1.9266	51.985/2.0466				
<b>MAINS</b>							
<b>5M1883A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A U
		55.932/2.2020	60.000/2.3622				
	1,2,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A L
		55.932/2.2020	60.000/2.3622				
	3	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1883A L
		55.932/2.2020	60.000/2.3622				
<b>THRUST</b>							
<b>1T1824</b> STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
<b>CAMS</b>							
<b>5C8083</b> STD	1,2,3,4,5	27.962/1.1009	31.000/1.2205	1.500/.0591	16.13/.635	F23	8083
		27.975/1.1014	31.025/1.2215				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4072</b> UNB			28.000/1.1024	1.530/.0602	26.75/1.053	F100	4RB4072
			28.025/1.1033				
<b>PISTON PIN BUSH</b>							
<b>RB4072</b> UNB			28.025/1.1033	1.530/.0602	26.75/1.053	F100	RB4072
			28.025/1.1033				





5 Engine		Year	Cyl	Bore x Stroke	5		
G161 1584cc Inline4 SOHC 2v		12/1969 - 12/1974	L4	82.0mm x 75.0mm			
G161SS 1584cc Inline4 SOHC 2v		12/1966 - 12/1968	L4	82.0mm x 75.0mm			
G161W 1584cc Inline4 DOHC 2v		12/1969 - 12/1979	L4	82.0mm x 75.0mm			
G161Z 1584cc Inline4 SOHC 2v		01/1975 - 12/1986	L4	82.0mm x 75.0mm			
G180Z 1817cc Inline4 SOHC 2v		01/1969 - 07/1987	L4	84.0mm x 82.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Small oil hole, notch end. To be superceded by 4B2821A.</i>							
<b>4B2816A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.985/2.0466	1.513/.0596	22.09/.870	F810	2816A IH
		48.940/1.9268	52.000/2.0472				
<b>CONROD</b> <i>Partial groove and oil hole at notch end.</i>							
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
<b>MAINS</b>							
<b>5M2817A</b> STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
<b>THRUST</b>							
<b>1T1824</b> STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
<b>THRUST</b> <i>To be superceded by 1T1824.</i>							
<b>1T3286</b> STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T IH
		62.860/2.4748	80.188/3.1570				
<b>CAMS</b>							
<b>5C6128A</b> STD	1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A IH
		29.945/1.1789	33.000/1.2992				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4288</b> UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	4RB4288
			25.420/1.0008				
<b>PISTON PIN BUSH</b>							
<b>RB4288</b> UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	RB4288
			25.420/1.0008				

6 Engine		Year	Cyl	Bore x Stroke	6		
4JJ1-TC 2999cc Inline4 DOHC 4v Turbo Diesel		10/2004 - On	L4	95.5mm x 104.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1890A</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F810	1890A IH
		52.931/2.0839					
<b>CONROD</b> <i>Part number was 4B1890LC</i>							
<b>4B1890P</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F780	1890 IH
		52.931/2.0839					
<b>MAINS</b> <i>Hardening Of Shaft Recommended After Grinding.</i>							
<b>5M1893A</b> STD, .25, .50, .75, 1.00	1-5	69.920/2.7528	73.975/2.9124	2.007/.0790	23.03/.907	F810	1893A UL
		69.930/2.7531	74.000/2.9134				
<b>THRUST</b>							
<b>1T1893</b> STD		78.250/3.0807	92.450/3.6398		2.49/.098	F817	1893T IH
		78.500/3.0905	92.700/3.6496				

7 Engine		Year	Cyl	Bore x Stroke	7		
4XE1-T 1588cc Inline4 DOHC 4v Turbo		01/1991 - 12/1992	L4	80.0mm x 79.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1870A</b> STD, .25, .50, .75		39.930/1.5720	42.980/1.6921	1.506/.0593	17.00/.669	F810	1870A IH
		39.945/1.5726	43.000/1.6929				





7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1867A</b> STD, .25, .50	1,2,3,4,5	<i>Large journal.</i>		2.009/.0791	17.13/.674	F810	1867A UL
		51.915/2.0439	55.976/2.2038				
		51.938/2.0448	55.989/2.2043				
<b>1T1867</b> STD		<i>73.85mm OD.</i>			2.21/.087	F817	1867T IH
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
<b>RB4305</b> UNB		<i>PISTON PIN BUSH</i>		23.000/.9055	1.540/.0606	F100	RB4305

8 Engine				Year	Cyl	Bore x Stroke	8
4XE1 1588cc Inline4 SOHC 3v				01/1988 - 12/1993	L4	80.0mm x 79.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1870A</b> STD, .25, .50, .75		<i>CONROD</i>		1.506/.0593	17.00/.669	F810	1870A IH
		39.930/1.5720	42.980/1.6921				
		39.945/1.5726	43.000/1.6929				
<b>5M1867A</b> STD, .25, .50	1,2,3,4,5	<i>Large journal.</i>		2.009/.0791	17.13/.674	F810	1867A UL
		51.915/2.0439	55.976/2.2038				
		51.938/2.0448	55.989/2.2043				
<b>5M1869A</b> STD, .25, .50, .75	1,2,3,4,5	<i>Small journal.</i>		2.010/.0791	17.00/.669	F810	1869A UL
		47.918/1.8865	51.976/2.0463				
		47.938/1.8873	52.000/2.0472				
<b>1T1867</b> STD		<i>73.85mm OD.</i>			2.21/.087	F817	1867T IH
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
<b>1T1869</b> STD		<i>69.90mm OD.</i>			2.20/.087	F250	1869T IH
		54.700/2.1535	69.700/2.7441				
		54.900/2.1614	69.900/2.7520				
<b>RB4305</b> UNB		<i>PISTON PIN BUSH</i>		23.000/.9055	1.540/.0606	F100	RB4305

9 Engine				Year	Cyl	Bore x Stroke	9
C22NE 2198cc Inline4 SOHC 2v				01/2004 - On	L4	86.0mm x 94.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2322A</b> STD, .25, .50, .75, 1.00		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A UL
		48.987/1.9286	52.012/2.0477				
<b>RACE SERIES 4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				
<b>RACE SERIES 4B2322HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				
<b>5M2325A</b> STD, .25, .50, .75, 1.00	1,2,4,5	<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
		57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A IH
		57.995/2.2833	62.013/2.4415				
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F) IH
		57.995/2.2833	62.013/2.4415				



10	Engine	Year	Cyl	Bore x Stroke	10
	4JA1 2499cc Inline4 OHV 2v Diesel	05/1984 - 01/1993	L4	93.0mm x 92.0mm	
	4JC1 2238cc Inline4 OHV 2v Diesel	01/1984 - On	L4	88.0mm x 92.0mm	
	4JD1 2039cc Inline4 OHV 2v Diesel	01/1987 - On	L4	84.0mm x 92.0mm	
	4JE1 1862cc Inline4 OHV 2v Diesel	01/1987 - On	L4	84.0mm x 84.0mm	
	4JF1 1496cc Inline4 OHV 2v Diesel	04/1986 - On	L4	75.3mm x 84.0mm	
	D201 2238cc Inline4 2v Diesel	01/1985 - 08/1988	L4	88.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1890A</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F810	1890A IH
		52.931/2.0839					
<b>CONROD</b> <i>Part number was 4B1890LC</i>							
<b>4B1890P</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F780	1890 IH
		52.931/2.0839					
<b>MAINS</b>							
<b>5M1892A</b> STD, .25, .50, .75, 1.00	1-5	59.920/2.3591	63.987/2.5192	2.004/.0789	23.03/.907	F780	1892 UL
		59.930/2.3594	64.000/2.5197				
	1-5	59.920/2.3591	63.987/2.5192	2.004/.0789	23.03/.907	F780	1892 UL
		59.930/2.3594	64.000/2.5197				
<b>THRUST</b>							
<b>1T1192</b> STD		72.260/2.8449	86.610/3.4098		2.49/.098	F817	1192T IH
		72.520/2.8551	86.860/3.4197				
<b>CAMS</b>							
<b>3C8084</b> STD	1		54.000/2.1260	2.010/.0791	25.25/.994	F23	8085
			54.010/2.1264				
	2,3		54.000/2.1260	2.010/.0791	22.25/.876	F23	8084
			54.010/2.1264				
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits a 31mm pin.</i>							
<b>4RB4103</b> UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	4RB4103
		31.000/1.2205	34.025/1.3396				
<b>PISTON PIN BUSH</b> <i>Suits a 31mm pin.</i>							
<b>RB4103</b> UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	RB4103
		31.000/1.2205	34.025/1.3396				

11	Engine	Year	Cyl	Bore x Stroke	11
	6HE1-T 7127cc Inline6 SOHC Turbo Diesel	01/1990 - On	L6	110.0mm x 125.0mm	
	6HK1-T 7785cc Inline6 SOHC 4v Turbo Diesel	01/1990 - On	L6	115.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1839P</b> STD, .25, .50		72.902/2.8702	77.985/3.0703	2.517/.0991	30.43/1.198	F780	1839 IH
		72.922/2.8709	78.000/3.0709				
<b>MAINS</b>							
<b>7M1837P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5,6,7	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
<b>THRUST</b>							
<b>3T1837</b> STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1838T IH
		92.950/3.6594	110.000/4.3307				

12	Engine	Year	Cyl	Bore x Stroke	12
	D500-T 4978cc Inline6 SOHC 2v Turbo Diesel	01/1971 - 12/1977	L6	98.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1886P</b> STD, .25, .50, .75, 1.00		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				

12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M1887P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887 IH
		75.925/2.9892	81.011/3.1894				
<b>2T1887</b> STD	<b>THRUST</b>	84.000/3.3071	101.000/3.9764		2.98/.117		1887T UL
		84.000/3.3071	101.000/3.9764				
<b>6C8081</b> STD	<b>CAMS</b> 1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
<b>6RB4287</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 6.</i>	32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	6RB4287
		33.000/1.2992	36.030/1.4185				
<b>RB4287</b> UNB	<b>PISTON PIN BUSH</b>	32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	RB4287
		33.000/1.2992	36.030/1.4185				

13 Engine				Year	Cyl	Bore x Stroke	13
G200W 1949cc Inline4 DOHC 2v				01/1979 - 12/1990	L4	87.0mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2815A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To be superseded by 4B2821A.</i>		1.510/.0594	21.63/.852	F810	2815A IH
		48.925/1.9262	51.985/2.0466				
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	<i>Partial groove and oil hole at notch end.</i>		1.513/.0596	22.00/.866	F810	2821A IH
		48.925/1.9262	51.987/2.0467				
<b>5M2809A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Suits from 1986 on.</i>		2.008/.0791	21.86/.861	F810	2809A IH
		55.920/2.2016	59.980/2.3614				
<b>5M2817A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,3,5	<i>Suits until 12/85.</i>		1.513/.0596	32.13/1.265	F810	2817A IH
		55.920/2.2016	58.980/2.3220				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
<b>1T1824</b> STD	<b>THRUST</b>	63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
<b>1T2809</b> STD	<b>THRUST</b> 3		80.200/3.1575		2.36/.093	F817	2809T IH
<b>1T3286</b> STD, .25	<b>THRUST</b>	<i>To be superseded by 1T1824.</i>			2.36/.093	F817	3286T IH
		62.610/2.4650	79.934/3.1470				
<b>5C6128A</b> STD	<b>CAMS</b> 1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A IH
		29.945/1.1789	33.000/1.2992				

14 Engine				Year	Cyl	Bore x Stroke	14
G180W 1817cc Inline4 SOHC 2v				01/1982 - On	L4	82.0mm x 72.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2815A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To be superseded by 4B2821A.</i>		1.510/.0594	21.63/.852	F810	2815A IH
		48.925/1.9262	51.985/2.0466				
		48.940/1.9268	52.000/2.0472				





14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Partial groove and oil hole at notch end.</i>							
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
<b>5M2817A</b> STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
<b>1T1824</b> STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
<b>1T3286</b> STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T IH
		62.860/2.4748	80.188/3.1570				
<b>5C6128A</b> STD	1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A IH
		29.945/1.1789	33.000/1.2992				

15 Engine				Year	Cyl	Bore x Stroke	15
4HK1-T 5193cc Inline4 SOHC 2v Turbo Diesel				01/2005 - On	L4	115.0mm x 125.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1854P</b> STD, .25, .50, .75, 1.00		72.920/2.8709		2.517/.0991	30.43/1.198	F780	1854 IH
		72.922/2.8709					
<b>5M1837A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A UL
		81.925/3.2254	87.019/3.4259				
<b>5M1837P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
<b>3T1837</b> STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1838T IH
		92.950/3.6594	110.000/4.3307				
<b>5C8554A</b> STD	1,2,3,4,5	39.940/1.5724	43.000/1.6929	1.500/.0591	22.13/.871	F820	8554A IH
		39.975/1.5738	43.020/1.6937				
<b>4RB4292</b> UNB		<b>PISTON PIN BUSH</b> <i>Tapered bush. Set of 4.</i>		2.040/.0803	41.00/1.614	F100	4RB4292
			44.000/1.7323				
<b>RB4292</b> UNB		<b>PISTON PIN BUSH</b> <i>Tapered bush.</i>		2.040/.0803	41.00/1.614	F100	RB4292
			44.000/1.7323				

16 Engine				Year	Cyl	Bore x Stroke	16
4LE1 2179cc Inline4 OHV 2v Diesel				01/1990 - On	L4	85.0mm x 96.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8560A</b> STD, .25			51.985/2.0466	1.505/.0593	22.13/.871	F810	8560A IH
			52.000/2.0472				
<b>5M8562A</b> STD, .25	1,2,3,4,5		63.980/2.5189	2.008/.0791	16.53/.651	F810	8562A UL
			64.000/2.5197				
<b>1T8562</b> STD	2	68.000/2.6772	78.750/3.1004		2.67/.105	F817	8562T UL
		68.250/2.6870	79.000/3.1102				

17 Engine				Year	Cyl	Bore x Stroke	17
4LE2 2179cc Inline4 OHV 2v Diesel				01/1990 - On	L4	85.0mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8561A</b> STD, .25			48.982/1.9284	1.506/.0593	16.53/.651	F810	8561A IH
			49.000/1.9291				
<b>5M8562A</b> STD, .25	1,2,3,4,5		63.980/2.5189	2.008/.0791	16.53/.651	F810	8562A UL
			64.000/2.5197				
<b>1T8562</b> STD	2		68.000/2.6772		2.67/.105	F817	8562T UL
			68.250/2.6870				

18 Engine				Year	Cyl	Bore x Stroke	18
4JH1TC 2999cc Inline4 2v T/Diesel				12/2001 - On	L4	95.5mm x 104.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1890A</b> STD, .25, .50, .75, 1.00, 1.25			52.918/2.0834	1.513/.0596	25.83/1.017	F810	1890A IH	
			52.931/2.0839					
<b>4B1890P</b> STD, .25, .50, .75, 1.00, 1.25		<i>Part number was 4B1890LC</i>		1.513/.0596	25.83/1.017	F780	1890 IH	
			52.918/2.0834					
<b>5M1893A</b> STD, .25, .50, .75, 1.00	1-5	<i>Hardening Of Shaft Recommended After Grinding.</i>		2.007/.0790	23.03/.907	F810	1893A UL	
			52.931/2.0839					
<b>1T1893</b> STD	THRUST		78.250/3.0807		2.49/.098	F817	1893T IH	
			78.500/3.0905					
<b>3C8084</b> STD	1  2,3			2.010/.0791	25.25/.994	F23	8085	
								54.000/2.1260
								54.010/2.1264
			54.000/2.1260	2.010/.0791	22.25/.876	F23	8084	
			54.010/2.1264					

19 Engine				Year	Cyl	Bore x Stroke	19
4XCI 1471cc Inline4 SOHC 2v				03/1985 - On	L4	77.0mm x 79.0mm	
4XCI-T 1471cc Inline4 SOHC 2v Turbo				04/1986 - 12/1991	L4	77.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1870A</b> STD, .25, .50, .75			39.930/1.5720	1.506/.0593	17.00/.669	F810	1870A IH
			39.945/1.5726				
<b>5M1867A</b> STD, .25, .50	1,2,3,4,5	<i>Large journal.</i>		2.009/.0791	17.13/.674	F810	1867A UL
			51.915/2.0439				
<b>5M1869A</b> STD, .25, .50, .75	1,2,3,4,5	<i>Small journal.</i>		2.010/.0791	17.00/.669	F810	1869A UL
			51.938/2.0448				
<b>1T1867</b> STD	THRUST	<i>73.85mm OD.</i>			2.21/.087	F817	1867T IH
			47.918/1.8865				
<b>1T1869</b> STD	THRUST	<i>69.90mm OD.</i>			2.20/.087	F250	1869T IH
			47.938/1.8873				
			59.000/2.3228				
			59.250/2.3327				
			59.000/2.3228				
			59.250/2.3327				
			54.700/2.1535				
			54.900/2.1614				
			69.700/2.7441				
			69.900/2.7520				





20 Engine		Year		Cyl	Bore x Stroke		20
4BC1 3268cc Inline4 OHV 2v Diesel		12/1978 - 06/1984		L4	102.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
<b>MAINS</b> <i>Suits from 09/1981 to 10/1985.</i>							
<b>5M1885A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1885A IH
		75.925/2.9892	81.011/3.1894				
<b>MAINS</b> <i>Suits from 09/1981 to 10/1985.</i>							
<b>5M1885P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1885 IH
		75.925/2.9892	81.011/3.1894				
<b>MAINS</b> <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
<b>5M1894A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F810	1894A U
		75.925/2.9892	81.019/3.1897				
	1,2,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F810	1894A L
		75.925/2.9892	81.019/3.1897				
	3	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F810	1895A L
		75.925/2.9892	81.019/3.1897				
<b>MAINS</b> <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
<b>5M1894P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F780	1894 U
		75.925/2.9892	81.019/3.1897				
	1,2,4,5	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F780	1894 L
		75.925/2.9892	81.019/3.1897				
	3L	75.913/2.9887	81.006/3.1892	2.525/.0994	27.90/1.098	F780	1895 L
		75.925/2.9892	81.019/3.1897				
<b>THRUST</b> <i>Inside diameter is 84.5mm.</i>							
<b>2T1888</b> STD		84.500/3.3268	100.750/3.9665		2.50/.098	F250	1888T UL
		84.750/3.3366	101.000/3.9764				
<b>CAMS</b>							
<b>3C8081</b> STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
<b>PISTON PIN BUSH</b> <i>Set of 4. To suit 38mm tunnel.</i>							
<b>4RB4286</b> UNB		32.980/1.2984	38.000/1.4961	2.530/.0996	38.00/1.496	F100	4RB4286
		33.000/1.2992	38.030/1.4972				
<b>PISTON PIN BUSH</b> <i>To suit 38mm tunnel.</i>							
<b>RB4286</b> UNB		32.980/1.2984	38.000/1.4961	2.530/.0996	38.00/1.496	F100	RB4286
		33.000/1.2992	38.030/1.4972				

21 Engine		Year		Cyl	Bore x Stroke		21
4BC2 3268cc Inline4 OHV 2v Diesel		02/1980 - 04/1990		L4	102.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
<b>MAINS</b> <i>Suits from 1985 on.</i>							
<b>5M1848A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A L
		75.920/2.9890	81.020/3.1898				
	3	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1849A L
		75.920/2.9890	81.020/3.1898				
<b>MAINS</b> <i>Suits from 1985 on.</i>							
<b>5M1848P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 L
		75.920/2.9890	81.020/3.1898				



21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1848P</b> STD, .25, .50, .75, 1.00	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1849 L
<b>MAINS</b>		<i>Suits from 09/1981 to 10/1985.</i>					
<b>5M1885A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH
<b>MAINS</b>		<i>Suits from 09/1981 to 10/1985.</i>					
<b>5M1885P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F780	1885 IH
<b>MAINS</b>		<i>Set is half grooved. Suits from 12/78 to 08/81.</i>					
<b>5M1894A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A L
	3	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1895A L
<b>MAINS</b>		<i>Set is half grooved. Suits from 12/78 to 08/81.</i>					
<b>5M1894P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 L
	3L	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1895 L
<b>THRUST</b>		<i>Inside diameter is 84.5mm.</i>					
<b>2T1888</b> STD		84.500/3.3268 84.750/3.3366	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1888T UL
<b>THRUST</b>		<i>Inside diameter is 88mm.</i>					
<b>2T1889</b> STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
<b>CAMS</b>							
<b>3C8081</b> STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	4RB4073
<b>PISTON PIN BUSH</b>							
<b>RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073

22 Engine				Year	Cyl	Bore x Stroke	22
4BD1T 3856cc Inline4 OHV 2v Turbo Diesel				02/1980 - 12/1993	L4	102.0mm x 118.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH
<b>MAINS</b>		<i>Suits from 04/86 on.</i>					
<b>5M1844A</b> STD, .25, .50	1,2,4,5	79.910/3.1461 79.920/3.1465	85.000/3.3465 85.020/3.3472	2.516/.0991	26.73/1.052	F810	1844A UL
	3	79.910/3.1461 79.920/3.1465	85.000/3.3465 85.020/3.3472	2.516/.0991	26.73/1.052	F810	1845A UL
<b>MAINS</b>		<i>Half groove at position #3. Suits from 05/80 to 03/86.</i>					
<b>5M1884A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F810	1884A U
	1,2,4,5	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F810	1884A L
	3	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F810	1855A L





22 Continued ...							22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Half groove at position #3. Suits from 05/80 to 03/86..</i>							
<b>5M1884P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 U
		79.925/3.1466	85.019/3.3472				
	1,2,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 L
		79.925/3.1466	85.019/3.3472				
	3	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855 L
		79.925/3.1466	85.019/3.3472				
<b>THRUST</b> <i>Inside diameter is 88mm.</i>							
<b>2T1889</b> STD		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
		88.250/3.4744	101.000/3.9764				
<b>CAMS</b>							
<b>3C8081</b> STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	4RB4073
		35.000/1.3780	38.025/1.4970				
<b>PISTON PIN BUSH</b>							
<b>RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

23 Engine	Year	Cyl	Bore x Stroke	23
4BD1 3856cc Inline4 OHV 2v Diesel	12/1978 - 12/1993	L4	102.0mm x 118.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
<b>MAINS</b> <i>Suits from 04/86 on.</i>							
<b>5M1844A</b> STD, .25, .50	1,2,4,5	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1844A UL
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.516/.0991	26.73/1.052	F810	1845A UL
		79.920/3.1465	85.020/3.3472				
<b>MAINS</b> <i>Suits until 04/80.</i>							
<b>5M1847A</b> STD, .25, .50	1,2,3,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F810	1847A U
		79.920/3.1465	85.020/3.3472				
	1,2,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F810	1847A L
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F810	1859A L
		79.920/3.1465	85.020/3.3472				
<b>MAINS</b> <i>Suits until 04/80.</i>							
<b>5M1847P</b> STD, .25, .50	1,2,3,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F780	1847 U
		79.920/3.1465	85.020/3.3472				
	1,2,4,5	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F780	1847 L
		79.920/3.1465	85.020/3.3472				
	3	79.910/3.1461	85.000/3.3465	2.525/.0994	26.83/1.056	F780	1859 L
		79.920/3.1465	85.020/3.3472				
<b>MAINS</b> <i>Half groove at position #3. Suits from 05/80 to 03/86..</i>							
<b>5M1884A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F810	1884A U
		79.925/3.1466	85.019/3.3472				
	1,2,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F810	1884A L
		79.925/3.1466	85.019/3.3472				
	3	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F810	1855A L
		79.925/3.1466	85.019/3.3472				
<b>MAINS</b> <i>Half groove at position #3. Suits from 05/80 to 03/86..</i>							
<b>5M1884P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 U
		79.925/3.1466	85.019/3.3472				

23 Continued ...							23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1884P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1884 L
	3	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1855 L
	<b>THRUST</b> <i>Inside diameter is 88mm.</i>						
	<b>2T1889</b> STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250
<b>3C8081</b> STD	<b>CAMS</b>						
	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
<b>4RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	4RB4073
	<b>PISTON PIN BUSH</b>						
<b>RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073

24	Engine	Year	Cyl	Bore x Stroke	24
	4BE1 3636cc Inline4 OHV 2v Diesel	01/1985 - 04/1998	L4	105.0mm x 105.0mm	
	4BE2 3636cc Inline4 OHV 2v Diesel	06/1986 - 04/1998	L4	105.0mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>						
		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH
<b>5M1848A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> <i>Suits from 1985 on.</i>						
	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A U
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A L
	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1849A L
	<b>MAINS</b> <i>Suits from 1985 on.</i>						
	<b>5M1848P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1848 L
	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1849 L
<b>2T1889</b> STD	<b>THRUST</b> <i>Inside diameter is 88mm.</i>						
		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
<b>3C8081</b> STD	<b>CAMS</b>						
	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
<b>4RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	4RB4073
	<b>PISTON PIN BUSH</b>						
<b>RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073





25 Engine		Year		Cyl	Bore x Stroke		25
4EC1 1487cc Inline4 OHV 2v Diesel		04/1985 - 02/1990		L4	76.0mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1816A</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
<b>4B1816P</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
<b>MAINS</b> <i>Suits 52mm housing.</i>							
<b>5M1817A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.925/1.8868 47.938/1.8873	51.976/2.0463 52.000/2.0472	2.006/.0790	15.50/.610	F810	1817A UL
<b>1T1817</b> STD		55.500/2.1850 55.750/2.1949	69.700/2.7441 69.950/2.7539		2.21/.087	F250	1817T IH
<b>4RB4118</b> UNB	<b>PISTON PIN BUSH</b>		25.000/.9843 25.025/.9852	1.610/.0634	23.75/.935	F100	4RB4118
<b>RB4118</b> UNB	<b>PISTON PIN BUSH</b>		25.000/.9843 25.025/.9852	1.610/.0634	23.75/.935	F100	RB4118

26 Engine		Year		Cyl	Bore x Stroke		26
4EC1-T 1487cc Inline4 OHV 2v Turbo Diesel		04/1985 - 02/1990		L4	76.0mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1816A</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
<b>4B1816P</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
<b>MAINS</b> <i>Suits 56mm housing.</i>							
<b>5M1819A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL
<b>1T1817</b> STD		55.500/2.1850 55.750/2.1949	69.700/2.7441 69.950/2.7539		2.21/.087	F250	1817T IH
<b>4RB4289</b> UNB	<b>PISTON PIN BUSH</b>		28.000/1.1024 28.025/1.1033	1.540/.0606	23.75/.935	F100	4RB4289
<b>RB4289</b> UNB	<b>PISTON PIN BUSH</b>		28.000/1.1024 28.025/1.1033	1.540/.0606	23.75/.935	F100	RB4289

27 Engine		Year		Cyl	Bore x Stroke		27
4EE1 1686cc Inline4 OHV 2v Diesel		02/1990 - 03/1993		L4	79.0mm x 86.0mm		
4EE1-T 1686cc Inline4 OHV 2v Turbo Diesel		02/1990 - 03/1993		L4	79.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1816A</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
<b>4B1816P</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
<b>MAINS</b> <i>Suits 56mm housing.</i>							
<b>5M1819A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL



**27 Continued ... 27**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>THRUST</b>	<i>73.85mm OD.</i>					
<b>1T1867</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.21/.087	F817	1867T IH
<b>4RB4232</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		30.000/1.1811	1.540/.0606	F100	4RB4232
<b>RB4232</b> UNB	<b>PISTON PIN BUSH</b>		30.000/1.1811	1.540/.0606	23.75/.935	F100	RB4232

**28 Engine Year Cyl Bore x Stroke 28**

4HF1 4334cc Inline4 SOHC 2v Diesel 01/1994 - 09/2000 L4 112.0mm x 110.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>CONROD</b>							
<b>4B1836P</b> STD, .25, .50, .75, 1.00, 1.25		65.902/2.5946 65.922/2.5953	69.985/2.7553 70.000/2.7559	2.013/.0793	30.40/1.197	F780	1836 IH	
<b>5M1837A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	81.905/3.2246 81.925/3.2254	87.000/3.4252 87.019/3.4259	2.518/.0991	27.25/1.073	F810	1837A UL	
<b>5M1837P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	81.905/3.2246 81.925/3.2254	87.000/3.4252 87.019/3.4259	2.518/.0991	27.25/1.073	F780	1837 UL	
<b>3T1837</b> STD	<b>THRUST</b>	92.700/3.6496 92.950/3.6594 92.700/3.6496 92.950/3.6594	109.750/4.3209 110.000/4.3307 109.750/4.3209 110.000/4.3307		3.00/.118 3.00/.118	F817 F817	1837T U 1838T IH	
<b>5C8553A</b> STD	<b>CAMS</b> 1,2,3,4,5	39.950/1.5728 39.975/1.5738	43.000/1.6929 43.020/1.6937	1.500/.0591	22.13/.871	F820	8553A IH	
<b>4RB4291</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered bush. Set of 4.</i>		35.990/1.4169 36.000/1.4173	40.000/1.5748 40.020/1.5756	2.040/.0803	41.00/1.614 F100	4RB4291
<b>RB4291</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered bush.</i>		35.990/1.4169 36.000/1.4173	40.000/1.5748 40.020/1.5756	2.040/.0803	41.00/1.614 F100	RB4291

**29 Engine Year Cyl Bore x Stroke 29**

4JB1 2771cc Inline4 OHV 2v Diesel 01/1984 - 01/1997 L4 93.0mm x 102.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1890A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	52.918/2.0834 52.931/2.0839		1.513/.0596	25.83/1.017	F810	1890A IH		
<b>4B1890P</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	<i>Part number was 4B1890LC</i>		52.918/2.0834 52.931/2.0839	1.513/.0596	25.83/1.017	F780	1890 IH	
<b>5M1893A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1-5	<i>Hardening Of Shaft Recommended After Grinding.</i>		69.920/2.7528 69.930/2.7531	73.975/2.9124 74.000/2.9134	2.007/.0790	23.03/.907	F810	1893A UL
<b>1T1893</b> STD	<b>THRUST</b>	78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496		2.49/.098	F817	1893T IH		
<b>3C8084</b> STD	<b>CAMS</b> 1 2,3		54.000/2.1260 54.010/2.1264 54.000/2.1260 54.010/2.1264	2.010/.0791 2.010/.0791	25.25/.994 22.25/.876	F23 F23	8085 8084		



**29 Continued ... 29**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits a 31mm pin.</i>							
<b>4RB4103</b> UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	4RB4103
		31.000/1.2205	34.025/1.3396				
<b>PISTON PIN BUSH</b> <i>Suits a 31mm pin.</i>							
<b>RB4103</b> UNB, STD		30.995/1.2203	34.000/1.3386	1.700/.0669	33.00/1.299	F100	RB4103
		31.000/1.2205	34.025/1.3396				

**30 Engine Year Cyl Bore x Stroke 30**

4JB1-T 2771cc Inline4 OHV 2v Turbo Diesel 10/1986 - 02/2003 L4 93.0mm x 102.0mm  
 4JG2 TC 3059cc Inline4 OHV 2v Turbo Diesel 01/1992 - 12/1998 L4 95.4mm x 107.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1890A</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F810	1890A IH
		52.931/2.0839					
<b>CONROD</b> <i>Part number was 4B1890LC</i>							
<b>4B1890P</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834		1.513/.0596	25.83/1.017	F780	1890 IH
		52.931/2.0839					
<b>MAINS</b> <i>Hardening Of Shaft Recommended After Grinding.</i>							
<b>5M1893A</b> STD, .25, .50, .75, 1.00	1-5	69.920/2.7528	73.975/2.9124	2.007/.0790	23.03/.907	F810	1893A UL
		69.930/2.7531	74.000/2.9134				
<b>THRUST</b>							
<b>1T1893</b> STD		78.250/3.0807	92.450/3.6398		2.49/.098	F817	1893T IH
		78.500/3.0905	92.700/3.6496				
<b>CAMS</b>							
<b>3C8084</b> STD	1		54.000/2.1260	2.010/.0791	25.25/.994	F23	8085
			54.010/2.1264				
	2,3		54.000/2.1260	2.010/.0791	22.25/.876	F23	8084
			54.010/2.1264				
<b>PISTON PIN BUSH</b> <i>Bush has 2 holes, suits a 34mm pin. Set of 4.</i>							
<b>4RB4104</b> STD, UNB		33.994/1.3383	37.000/1.4567	1.620/.0638	33.00/1.299	F100	4RB4104
		34.000/1.3386	37.025/1.4577				
<b>PISTON PIN BUSH</b> <i>Bush has 2 holes, suits a 34mm pin.</i>							
<b>RB4104</b> UNB		33.994/1.3383	37.000/1.4567	1.620/.0638	33.00/1.299	F100	RB4104
		34.000/1.3386	37.000/1.4567				

**31 Engine Year Cyl Bore x Stroke 31**

4BB1 3595cc Inline4 OHV 2v Diesel 01/1971 - 12/1989 L4 102.0mm x 110.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
<b>MAINS</b> <i>Suits from 1985 on.</i>							
<b>5M1848A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1848A L
		75.920/2.9890	81.020/3.1898				
	3	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F810	1849A L
		75.920/2.9890	81.020/3.1898				
<b>MAINS</b> <i>Suits from 1985 on.</i>							
<b>5M1848P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 U
		75.920/2.9890	81.020/3.1898				
	1,2,4,5	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1848 L
		75.920/2.9890	81.020/3.1898				
	3	75.910/2.9886	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1849 L
		75.920/2.9890	81.020/3.1898				



**31** Continued ... **31**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Suits from 09/1981 to 10/1985.</i>							
<b>5M1885A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH
<b>MAINS</b> <i>Suits from 09/1981 to 10/1985.</i>							
<b>5M1885P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F780	1885 IH
<b>MAINS</b> <i>Suits from 01/1971 to 11/1978. Bearings are fully grooved with notch width 5.8mm on both the upper and lower.</i>							
<b>5M1887A</b> STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F810	1887A IH
<b>MAINS</b> <i>Suits from 01/1971 to 11/1978.</i>							
<b>5M1887P</b> STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F780	1887 IH
<b>MAINS</b> <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
<b>5M1894A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A L
	3	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1895A L
<b>MAINS</b> <i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
<b>5M1894P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 U
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 L
	3L	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1895 L
<b>THRUST</b> <i>Inside diameter is 84.5mm.</i>							
<b>2T1888</b> STD		84.500/3.3268 84.750/3.3366	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1888T UL
<b>THRUST</b> <i>Inside diameter is 88mm.</i>							
<b>2T1889</b> STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
<b>CAMS</b>							
<b>3C8081</b> STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
<b>CAMS</b>							
<b>4C8081</b> STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2,3,4	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	4RB4073
<b>PISTON PIN BUSH</b>							
<b>RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073

**32** Engine **Year** **Cyl** **Bore x Stroke** **32**

4BA1 2775cc Inline4 OHV 2v Diesel 01/1971 - 05/1988 L4 98.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH



Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>5M1848A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Suits from 1985 on.</i>							
	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A U		
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1848A L		
	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F810	1849A L		
	<b>MAINS</b>	<i>Suits from 1985 on.</i>							
<b>5M1848P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1848 U		
	1,2,4,5	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1848 L		
	3	75.910/2.9886 75.920/2.9890	81.000/3.1890 81.020/3.1898	2.525/.0994	27.83/1.096	F780	1849 L		
	<b>MAINS</b>	<i>Suits from 09/1981 to 10/1985.</i>							
	<b>5M1885A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH	
<b>MAINS</b>		<i>Suits from 09/1981 to 10/1985.</i>							
<b>5M1885P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F780	1885 IH		
	<b>MAINS</b>	<i>Suits from 01/1971 to 11/1978. Bearings are fully grooved with notch width 5.8mm on both the upper and lower.</i>							
<b>5M1887A</b> STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F810	1887A IH		
	<b>MAINS</b>	<i>Suits from 01/1971 to 11/1978.</i>							
<b>5M1887P</b> STD, .25, .50, .75, 1.00		75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.513/.0989	27.70/1.091	F780	1887 IH		
	<b>MAINS</b>	<i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
<b>5M1894A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A U		
	1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1894A L		
	3	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F810	1895A L		
	<b>MAINS</b>	<i>Set is half grooved. Suits from 12/78 to 08/81.</i>							
	<b>5M1894P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 U	
		1,2,4,5	75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1894 L	
3L		75.913/2.9887 75.925/2.9892	81.006/3.1892 81.019/3.1897	2.525/.0994	27.90/1.098	F780	1895 L		
<b>2T1888</b> STD	<b>THRUST</b>	<i>Inside diameter is 84.5mm.</i>				2.50/.098	F250	1888T UL	
		84.500/3.3268 84.750/3.3366	100.750/3.9665 101.000/3.9764						
<b>2T1889</b> STD	<b>THRUST</b>	<i>Inside diameter is 88mm.</i>				2.50/.098	F250	1889T UL	
		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764						
<b>3C8081</b> STD	<b>CAMS</b>	1 2,3	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082	
			55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640					
	<b>CAMS</b>		1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
				2,3,4	55.945/2.2026 55.970/2.2035				



**32 Continued ... 32**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4. To suit 36mm tunnel.</i>							
<b>4RB4285</b> UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	4RB4285
		33.000/1.2992	36.030/1.4185				
<b>PISTON PIN BUSH</b> <i>To suit 36mm tunnel.</i>							
<b>RB4285</b> UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	RB4285
		33.000/1.2992	36.030/1.4185				

**33 Engine Year Cyl Bore x Stroke 33**

G130 1325cc Inline4 OHV 2v	12/1966 - 12/1972	L4	75.0mm x 75.0mm
G150 1471cc Inline4 OHV 2v	12/1966 - 01/1970	L4	79.0mm x 75.0mm
G160 1584cc Inline4 OHV 2v	01/1972 - 12/1979	L4	82.0mm x 75.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Small oil hole, notch end. To be superceded by 4B2821A.</i>							
<b>4B2816A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.985/2.0466	1.513/.0596	22.09/.870	F810	2816A IH
		48.940/1.9268	52.000/2.0472				
<b>CONROD</b> <i>Partial groove and oil hole at notch end.</i>							
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
<b>MAINS</b>							
<b>5M2817A</b> STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
<b>THRUST</b>							
<b>1T1824</b> STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				
<b>THRUST</b> <i>To be superceded by 1T1824.</i>							
<b>1T3286</b> STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T IH
		62.860/2.4748	80.188/3.1570				
<b>CAMS</b>							
<b>3C6127</b> STD	1,2,3	44.975/1.7707	48.010/1.8902	1.500/.0591	25.40/1.000	F23	6127
		44.975/1.7707	48.030/1.8909				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4288</b> UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	4RB4288
			25.420/1.0008				
<b>PISTON PIN BUSH</b>							
<b>RB4288</b> UNB			25.400/1.0000	1.760/.0693	26.00/1.024	F100	RB4288
			25.420/1.0008				

**34 Engine Year Cyl Bore x Stroke 34**

G161 1584cc Inline4 OHV 2v	01/1980 - 12/1984	L4	82.0mm x 75.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Small oil hole, notch end. To be superceded by 4B2821A.</i>							
<b>4B2816A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.985/2.0466	1.513/.0596	22.09/.870	F810	2816A IH
		48.940/1.9268	52.000/2.0472				
<b>CONROD</b> <i>Partial groove and oil hole at notch end.</i>							
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH
		48.940/1.9268	52.000/2.0472				
<b>MAINS</b>							
<b>5M2817A</b> STD, .25, .50, .75, 1.00, 1.25	1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A IH
		55.935/2.2022	59.000/2.3228				
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A IH
		55.935/2.2022	59.000/2.3228				
<b>THRUST</b>							
<b>1T1824</b> STD		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
		64.000/2.5197	80.188/3.1570				





34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>THRUST</b>	<i>To be superceded by 1T1824.</i>					
<b>1T3286</b> STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T
		62.860/2.4748	80.188/3.1570				IH
<b>3C6127</b> STD	<b>CAMS</b> 1,2,3	44.975/1.7707	48.010/1.8902	1.500/.0591	25.40/1.000	F23	6127
		44.975/1.7707	48.030/1.8909				

35 Engine		Year	Cyl	Bore x Stroke	35
G200Z 1949cc Inline4 SOHC 2v		01/1979 - 12/1990	L4	87.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Partial groove and oil hole at notch end.</i>					
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A
		48.940/1.9268	52.000/2.0472				IH
<b>5M2809A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	55.920/2.2016	59.980/2.3614	2.008/.0791	21.86/.861	F810	2809A
		55.932/2.2020	60.000/2.3622				
<b>5M2817A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,3,5	55.920/2.2016	58.980/2.3220	1.513/.0596	32.13/1.265	F810	2817A
		55.935/2.2022	59.000/2.3228				IH
	2,4	55.920/2.2016	58.980/2.3220	1.513/.0596	21.08/.830	F810	2818A
		55.935/2.2022	59.000/2.3228				IH
<b>1T1824</b> STD	<b>THRUST</b>	63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T
		64.000/2.5197	80.188/3.1570				IH
<b>1T2809</b> STD	<b>THRUST</b> 3		80.200/3.1575		2.36/.093	F817	2809T
	<b>THRUST</b>	<i>To be superceded by 1T1824.</i>					
<b>1T3286</b> STD, .25		62.610/2.4650	79.934/3.1470		2.36/.093	F817	3286T
		62.860/2.4748	80.188/3.1570				IH
<b>5C6128A</b> STD	<b>CAMS</b> 1,2,3,4,5	29.930/1.1783	32.985/1.2986	1.510/.0594	20.13/.793	F820	6128A
		29.945/1.1789	33.000/1.2992				IH

36 Engine		Year	Cyl	Bore x Stroke	36
G201 1951cc Inline4 SOHC 2v		01/1968 - 12/1979	L4	86.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>THRUST</b>							
<b>1T1192</b> STD		72.260/2.8449	86.610/3.4098		2.49/.098	F817	1192T	
		72.520/2.8551	86.860/3.4197				IH	
<b>3C8116</b> STD	<b>CAMS</b>	<i>Suits until 12/1987.</i>						
		1	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8116
			47.975/1.8888	52.035/2.0486				
		2	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8117
		47.975/1.8888	52.035/2.0486					
	3	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8118	
		47.975/1.8888	52.035/2.0486					

37 Engine		Year	Cyl	Bore x Stroke	37
6BG1 6494cc Inline6 OHV 2v Diesel		01/1984 - On	L6	105.0mm x 125.0mm	
6BG1-T 6494cc Inline6 OHV 2v Diesel		05/1985 - On	L6	105.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886
		63.944/2.5175	68.015/2.6778				IH

37 Continued ...							37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M1884P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half groove.</i>					
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855 L
		79.925/3.1466	85.019/3.3472				1884 U
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 U
		79.925/3.1466	85.019/3.3472				
<b>2T1889</b> STD	<b>THRUST</b>	<i>Inside diameter is 88mm.</i>					
		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
		88.250/3.4744	101.000/3.9764				
<b>6C8081</b> STD	<b>CAMS</b>						
	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
<b>6RB4073</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>					
		34.995/1.3778	38.000/1.4961	1.740/.0685	38.00/1.496	F100	6RB4073
		35.000/1.3780	38.025/1.4970				
<b>RB4073</b> UNB	<b>PISTON PIN BUSH</b>						
		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

38 Engine				Year	Cyl	Bore x Stroke	38	
4ZA1 1584cc Inline4 SOHC 2v				01/1981 - On	L4	82.0mm x 75.0mm		
4ZB1 1817cc Inline4 SOHC 2v				03/1981 - 06/1990	L4	84.0mm x 82.0mm		
4ZC1 1994cc Inline4 SOHC 2v				01/1986 - 12/1989	L4	88.0mm x 82.0mm		
4ZD1 2254cc Inline4 SOHC 2v				05/1984 - 01/1995	L4	89.3mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	<i>Partial groove and oil hole at notch end.</i>						
		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH	
		48.940/1.9268	52.000/2.0472					
<b>5M1882A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b>	1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.011/.0792	21.75/.856	F810	1882A U
			55.932/2.2020	60.000/2.3622				
<b>1T1824</b> STD	<b>THRUST</b>		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
			64.000/2.5197	80.188/3.1570				

39 Engine				Year	Cyl	Bore x Stroke	39	
4ZE1 2559cc Inline4 SOHC 2v				08/1987 - 03/2003	L4	92.6mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1820A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To be superseded by 4B2821A.</i>						
		48.927/1.9263	51.985/2.0466	1.510/.0594	22.00/.866	F810	1820A IH	
		48.940/1.9268	52.005/2.0474					
<b>4B2821A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	<i>Partial groove and oil hole at notch end.</i>						
		48.925/1.9262	51.987/2.0467	1.513/.0596	22.00/.866	F810	2821A IH	
		48.940/1.9268	52.000/2.0472					
<b>5M1824A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,3,4,5	55.919/2.2015	59.980/2.3614	2.008/.0791	21.75/.856	F810	1824A UL
			55.932/2.2020	60.000/2.3622				
<b>1T1824</b> STD	<b>THRUST</b>		63.750/2.5098	79.934/3.1470		2.36/.093	F817	1824T IH
			64.000/2.5197	80.188/3.1570				





40 Engine		Year		Cyl	Bore x Stroke	40	
6BB1 5393cc Inline6 OHV 2v Diesel		06/1972 - 01/1984		L6	102.0mm x 110.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1886P</b> STD, .25, .50, .75, 1.00		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886
		63.944/2.5175	68.015/2.6778				IH
<b>MAINS</b> <i>Suits from 05/80 on. Half groove.</i>							
<b>7M1884P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855
		79.925/3.1466	85.019/3.3472				L
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884
		79.925/3.1466	85.019/3.3472				U
<b>MAINS</b> <i>Suits until 05/76.</i>							
<b>7M1887P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887
		75.925/2.9892	81.011/3.1894				IH
<b>MAINS</b> <i>Suits from 06/76 to 04/80. Notch width is 6.03mm.</i>							
<b>7M1888P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				U
	1,2,3,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				L
	4	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1889
		79.925/3.1466	85.019/3.3472				L
<b>THRUST</b> <i>Inside diameter is 84.5mm.</i>							
<b>2T1888</b> STD		84.500/3.3268	100.750/3.9665		2.50/.098	F250	1888T
		84.750/3.3366	101.000/3.9764				UL
<b>THRUST</b> <i>Inside diameter is 88mm.</i>							
<b>2T1889</b> STD		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T
		88.250/3.4744	101.000/3.9764				UL
<b>CAMS</b>							
<b>6C8081</b> STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.740/.0685	38.00/1.496	F100	6RB4073
		35.000/1.3780	38.025/1.4970				
<b>PISTON PIN BUSH</b>							
<b>RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

41 Engine		Year		Cyl	Bore x Stroke	41	
6BD1 5785cc Inline6 OHV 2v Diesel		07/1975 - 12/1989		L6	102.0mm x 118.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886
		63.944/2.5175	68.015/2.6778				IH
<b>MAINS</b> <i>Suits from 05/80 on. Half groove.</i>							
<b>7M1884P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884
		79.925/3.1466	85.019/3.3472				U
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855
		79.925/3.1466	85.019/3.3472				L
<b>MAINS</b> <i>Suits until 05/76.</i>							
<b>7M1887P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887
		75.925/2.9892	81.011/3.1894				IH
<b>MAINS</b> <i>Suits from 06/76 to 04/80. Notch width is 6.03mm.</i>							
<b>7M1888P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				U
	1,2,3,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888
		79.925/3.1466	85.019/3.3472				L

**41 Continued ... 41**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M1888P</b> STD, .25, .50, .75, 1.00	4	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1889 L
<b>THRUST</b>		<i>Inside diameter is 84.5mm.</i>					
<b>2T1888</b> STD		84.500/3.3268 84.750/3.3366	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1888T UL
<b>THRUST</b>		<i>Inside diameter is 88mm.</i>					
<b>2T1889</b> STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
<b>CAMS</b>							
<b>6C8081</b> STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2 TO 6	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.740/.0685	38.00/1.496	F100	6RB4073
	<b>PISTON PIN BUSH</b>						
<b>RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073

**42 Engine Year Cyl Bore x Stroke 42**

6BD1-T 5785cc Inline6 OHV 2v Turbo Diesel	01/1978 - 12/1989	L6	102.0mm x 118.0mm
6BF1-T 6130cc Inline6 OHV 2v Turbo Diesel	10/1979 - 12/1988	L6	105.0mm x 118.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH
	<b>MAINS</b>		<i>Suits from 05/80 on. Half groove.</i>				
<b>7M1884P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1855 L
	1,2,3,4,5,6,7	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1884 U
	<b>MAINS</b>		<i>Suits until 04/80. Variable width shells, suits turbo only.</i>				
<b>7M1889P</b> STD, .25, .50	1,2,3,4,5,6,7	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1884 U
	1,2,3,4,6,7	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1888 L
	5	79.913/3.1462 79.925/3.1466	85.000/3.3465 85.019/3.3472	2.518/.0991	26.70/1.051	F780	1889 L
	<b>THRUST</b>		<i>Inside diameter is 88mm.</i>				
<b>2T1889</b> STD		88.000/3.4646 88.250/3.4744	100.750/3.9665 101.000/3.9764		2.50/.098	F250	1889T UL
	<b>CAMS</b>						
<b>6C8081</b> STD	1	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8082
	2 TO 6	55.945/2.2026 55.970/2.2035	60.000/2.3622 60.046/2.3640	1.995/.0785	20.00/.787	F23	8081
<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.740/.0685	38.00/1.496	F100	6RB4073
	<b>PISTON PIN BUSH</b>						
<b>RB4073</b> UNB		34.995/1.3778 35.000/1.3780	38.000/1.4961 38.025/1.4970	1.530/.0602	38.00/1.496	F100	RB4073





43 Engine		Year	Cyl	Bore x Stroke	43		
6VD1 3165cc V6 DOHC 4v		04/1992 - 12/2003	V6	93.4mm x 77.0mm			
6VD1 3165cc V6 SOHC 4v		04/1992 - 12/1997	V6	93.4mm x 77.0mm			
6VE1 3494cc V6 DOHC 4v		02/1998 - 12/2005	V6	93.4mm x 85.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1840A</b> STD, .25, .50, .75, 1.00		53.922/2.1229	56.982/2.2434	1.513/.0596	17.12/.674	F810	1840A
		53.937/2.1235	57.000/2.2441				IH
<b>MAINS</b>							
<b>4M1842A</b> STD, .25, .50, .75, 1.00	1,4	63.919/2.5165	68.979/2.7157	2.527/.0995	18.50/.728	F810	1842A
		63.932/2.5170	68.999/2.7165				IH
	2,3	63.919/2.5165	68.979/2.7157	2.527/.0995	16.50/.650	F810	1843A
		63.932/2.5170	68.999/2.7165				UL
<b>THRUST</b>							
<b>1T1842</b> STD		71.000/2.7953	97.550/3.8405		1.95/.077	F817	1842T
		71.250/2.8051	97.800/3.8504				IH
44 Engine		Year	Cyl	Bore x Stroke	44		
C190 1951cc Inline4 OHV 2v Diesel		01/1970 - 05/1988	L4	86.0mm x 84.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1320A</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834	55.980/2.2039	1.515/.0596	22.50/.886	F810	1320A
		52.930/2.0839	56.000/2.2047				IH
<b>MAINS</b>							
<b>5M1188A</b> STD, .25, .50, .75, 1.00, 1.25	1,5	<i>No 3 brg is 29mm wide.</i>		2.017/.0794	27.65/1.089	F810	1188A
		59.920/2.3591	63.975/2.5187				IH
		59.932/2.3595	64.000/2.5197				IH
	2,4	59.920/2.3591	63.975/2.5187	2.017/.0794	23.10/.909	F810	1194A
		59.932/2.3595	64.000/2.5197				IH
<b>5M1193A</b> STD, .25, .50, .75, 1.00, 1.25	3	59.920/2.3591	63.975/2.5187	2.017/.0794	28.85/1.136	F810	1189A
		59.932/2.3595	64.000/2.5197				IH
	<b>MAINS</b>	<i>No 3 brg is 38mm wide.</i>					
<b>5M1193A</b> STD, .25, .50, .75, 1.00, 1.25	1,5	59.920/2.3591	63.975/2.5187	2.013/.0793	31.10/1.224	F810	1193A
		59.932/2.3595	64.000/2.5197				IH
	2,4	59.920/2.3591	63.975/2.5187	2.017/.0794	23.10/.909	F810	1194A
	59.932/2.3595	64.000/2.5197				IH	
<b>5M1193A</b> STD, .25, .50, .75, 1.00, 1.25	3	59.920/2.3591	63.975/2.5187	2.013/.0793	38.10/1.500	F810	1195A
		59.932/2.3595	64.000/2.5197				IH
	<b>THRUST</b>						
<b>1T1192</b> STD		72.260/2.8449	86.610/3.4098		2.49/.098	F817	1192T
		72.520/2.8551	86.860/3.4197				IH
<b>CAMS</b>							
<b>3C8116</b> STD	1	<i>Suits until 12/1987.</i>		2.010/.0791	25.27/.995	F23	8116
		47.945/1.8876	52.015/2.0478				
		47.975/1.8888	52.035/2.0486				
	2	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8117
		47.975/1.8888	52.035/2.0486				
	3	47.945/1.8876	52.015/2.0478	2.010/.0791	25.27/.995	F23	8118
	47.975/1.8888	52.035/2.0486					
<b>CAMS</b>							
<b>3C8127</b> STD	C	<i>Suits from 1980 on.</i>		2.027/.0798	22.22/.875	F23	8128
		47.940/1.8874	51.999/2.0472				
		47.970/1.8886	52.034/2.0486				
	F	47.940/1.8874	51.999/2.0472	2.027/.0798	22.22/.875	F23	8127
		47.970/1.8886	52.034/2.0486				
	R	47.940/1.8874	51.999/2.0472	2.027/.0798	22.22/.875	F23	8129
	47.970/1.8886	52.034/2.0486					
<b>PISTON PIN BUSH</b>							
<b>4RB4058</b> UNB		<i>Set of 4. Bush is 34mm wide. Suits until 07/81.</i>		1.530/.0602	34.00/1.339	F100	4RB4058
		26.995/1.0628	30.000/1.1811				
		27.000/1.0630	30.025/1.1821				
<b>PISTON PIN BUSH</b>							
<b>4RB4283</b> UNB		<i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>		1.530/.0602	30.00/1.181	F100	4RB4283
		26.995/1.0628	30.000/1.1811				
		27.000/1.0630	30.025/1.1821				



**44 Continued ... 44**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Bush is 34mm wide. Suits until 07/81.</i>							
<b>RB4058</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.730/.0681	34.00/1.339	F100	RB4058
<b>PISTON PIN BUSH</b> <i>Bush is 30mm wide. Suits until 1986.</i>							
<b>RB4283</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283

**45 Engine 45**  
C221 2207cc Inline4 SOHC 2v Diesel 12/1968 - 07/1979 Cyl L4 Bore x Stroke 83.0mm x 102.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1320A</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
<b>MAINS</b>							
<b>5M1322A</b> STD, .25, .50, .75, 1.00	1,5	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	30.63/1.206	F810	1322A IH
	2,4	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	21.53/.848	F810	1323A IH
	3	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	36.13/1.422	F810	1324A IH
<b>THRUST</b>							
<b>1T1893</b> STD		78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496		2.49/.098	F817	1893T IH
<b>CAMS</b> <i>Suits until 12/1987.</i>							
<b>3C8116</b> STD	1	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8116
	2	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8117
	3	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8118
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4013</b> UNB		24.995/.9841 25.000/.9843	27.995/1.1022 28.000/1.1024	1.960/.0772	34.29/1.350	F100	4RB4013
<b>PISTON PIN BUSH</b>							
<b>RB4013</b> UNB		24.995/.9841 25.000/.9843	27.995/1.1022 28.000/1.1024	1.960/.0772	34.29/1.350	F100	RB4013

**46 Engine 46**  
C223-T 2238cc Inline4 OHV 2v Turbo Diesel 01/1984 - 12/1996 Cyl L4 Bore x Stroke 89.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1320A</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
<b>MAINS</b> <i>No 3 brg is 29mm wide.</i>							
<b>5M1188A</b> STD, .25, .50, .75, 1.00, 1.25	1,5	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	27.65/1.089	F810	1188A IH
	2,4	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	23.10/.909	F810	1194A IH
	3	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	28.85/1.136	F810	1189A IH
<b>THRUST</b>							
<b>1T1192</b> STD		72.260/2.8449 72.520/2.8551	86.610/3.4098 86.860/3.4197		2.49/.098	F817	1192T IH
<b>CAMS</b> <i>Suits from 1980 on.</i>							
<b>3C8127</b> STD	C	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8128



46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3C8127</b> STD	F	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8127
	R	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8129
	<b>PISTON PIN BUSH</b> <i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>						
<b>4RB4283</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	4RB4283
	<b>PISTON PIN BUSH</b> <i>Set of 4. Suits from 11/86 to 08/88.</i>						
<b>4RB4284</b> UNB						F100	4RB4284
	<b>PISTON PIN BUSH</b> <i>Bush is 30mm wide. Suits until 1986.</i>						
<b>RB4283</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283
	<b>PISTON PIN BUSH</b> <i>Suits from 11/86 to 08/88.</i>						
<b>RB4284</b> UNB						F100	RB4284

47 Engine				Year	Cyl	Bore x Stroke	47
C223 2238cc Inline4 OHV 2v Diesel				12/1979 - 05/1990	L4	88.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1320A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>						
		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
<b>5M1188A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> <i>No 3 brg is 29mm wide.</i>						
	1,5	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	27.65/1.089	F810	1188A IH
	2,4	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	23.10/.909	F810	1194A IH
	3	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	28.85/1.136	F810	1189A IH
	<b>MAINS</b> <i>No 3 brg is 38mm wide.</i>						
	1,5	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.013/.0793	31.10/1.224	F810	1193A IH
<b>5M1193A</b> STD, .25, .50, .75, 1.00, 1.25	2,4	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.017/.0794	23.10/.909	F810	1194A IH
	3	59.920/2.3591 59.932/2.3595	63.975/2.5187 64.000/2.5197	2.013/.0793	38.10/1.500	F810	1195A IH
	<b>THRUST</b>						
<b>1T1192</b> STD		72.260/2.8449 72.520/2.8551	86.610/3.4098 86.860/3.4197		2.49/.098	F817	1192T IH
	<b>CAMS</b> <i>Suits from 1980 on.</i>						
<b>3C8127</b> STD	C	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8128
	F	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8127
	R	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8129
	<b>PISTON PIN BUSH</b> <i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>						
<b>4RB4283</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	4RB4283
	<b>PISTON PIN BUSH</b> <i>Set of 4. Suits from 11/86 to 08/88.</i>						
<b>4RB4284</b> UNB						F100	4RB4284
	<b>PISTON PIN BUSH</b> <i>Bush is 30mm wide. Suits until 1986.</i>						
<b>RB4283</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283



**47 Continued ... 47**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Suits from 11/86 to 08/88.</i>							
<b>RB4284</b> UNB						F100	RB4284

**48 Engine Year Cyl Bore x Stroke 48**

C240 2369cc Inline4 OHV 2v Diesel		12/1968 - 12/1988		L4	86.0mm x 102.0mm		
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1320A</b> STD, .25, .50, .75, 1.00, 1.25		52.918/2.0834 52.930/2.0839	55.980/2.2039 56.000/2.2047	1.515/.0596	22.50/.886	F810	1320A IH
<b>MAINS</b>							
<b>5M1322A</b> STD, .25, .50, .75, 1.00	1,5	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	30.63/1.206	F810	1322A IH
	2,4	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	21.53/.848	F810	1323A IH
	3	69.920/2.7528 69.930/2.7531	73.980/2.9126 74.000/2.9134	2.014/.0793	36.13/1.422	F810	1324A IH
	<b>THRUST</b>						
<b>1T1893</b> STD		78.250/3.0807 78.500/3.0905	92.450/3.6398 92.700/3.6496		2.49/.098	F817	1893T IH
<b>CAMS</b> <i>Suits until 12/1987.</i>							
<b>3C8116</b> STD	1	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8116
	2	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8117
	3	47.945/1.8876 47.975/1.8888	52.015/2.0478 52.035/2.0486	2.010/.0791	25.27/.995	F23	8118
	<b>CAMS</b> <i>Suits from 1980 on.</i>						
<b>3C8127</b> STD	C	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8128
	F	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8127
	R	47.940/1.8874 47.970/1.8886	51.999/2.0472 52.034/2.0486	2.027/.0798	22.22/.875	F23	8129
	<b>PISTON PIN BUSH</b> <i>Set of 4. Bush is 34mm wide. Suits until 07/81.</i>						
<b>4RB4058</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	34.00/1.339	F100	4RB4058
	<b>PISTON PIN BUSH</b> <i>Set of 4. Bush is 30mm wide. Suits until 1986.</i>						
<b>4RB4283</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	4RB4283
	<b>PISTON PIN BUSH</b> <i>Bush is 34mm wide. Suits until 07/81.</i>						
<b>RB4058</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.730/.0681	34.00/1.339	F100	RB4058
	<b>PISTON PIN BUSH</b> <i>Bush is 30mm wide. Suits until 1986.</i>						
<b>RB4283</b> UNB		26.995/1.0628 27.000/1.0630	30.000/1.1811 30.025/1.1821	1.530/.0602	30.00/1.181	F100	RB4283

**49 Engine Year Cyl Bore x Stroke 49**

C330 3318cc Inline4 SOHC 2v Diesel		12/1970 - 12/1988		L4	98.0mm x 110.0mm		
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170 63.944/2.5175	68.000/2.6772 68.015/2.6778	2.012/.0792	29.80/1.173	F780	1886 IH
	<b>MAINS</b> <i>Suits from 09/1981 to 10/1985.</i>						
<b>5M1885A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.913/2.9887 75.925/2.9892	81.000/3.1890 81.011/3.1894	2.525/.0994	27.83/1.096	F810	1885A IH



**49** Continued ... **49**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Bearings are fully grooved with notch width 5.8mm on both the upper and lower.</i>								
<b>5M1887A</b> STD, .25, .50, .75, 1.00		75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F810	1887A	
		75.925/2.9892	81.011/3.1894				IH	
<b>5M1887P</b> STD, .25, .50, .75, 1.00		75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887	
		75.925/2.9892	81.011/3.1894				IH	
<b>2T1887</b> STD	<b>THRUST</b>	84.000/3.3071	101.000/3.9764		2.98/.117		1887T	
		84.000/3.3071	101.000/3.9764				UL	
<b>2T1888</b> STD	<b>THRUST</b>	<i>Inside diameter is 84.5mm.</i>				2.50/.098	F250	1888T
		84.500/3.3268	100.750/3.9665				UL	
<b>3C8081</b> STD	<b>CAMS</b> 1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082	
		55.970/2.2035	60.046/2.3640					
		2,3	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
55.970/2.2035	60.046/2.3640							
<b>4C8081</b> STD	<b>CAMS</b> 1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082	
		55.970/2.2035	60.046/2.3640					
		2,3,4	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
			55.970/2.2035	60.046/2.3640				
<b>4RB4285</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. To suit 36mm tunnel.</i>				38.00/1.496	F100	4RB4285
		32.990/1.2988	36.000/1.4173	1.530/.0602				
<b>4RB4286</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. To suit 38mm tunnel.</i>				38.00/1.496	F100	4RB4286
		32.980/1.2984	38.000/1.4961	2.530/.0996				
<b>RB4285</b> UNB	<b>PISTON PIN BUSH</b>	<i>To suit 36mm tunnel.</i>				38.00/1.496	F100	RB4285
		32.990/1.2988	36.000/1.4173	1.530/.0602				
<b>RB4286</b> UNB	<b>PISTON PIN BUSH</b>	<i>To suit 38mm tunnel.</i>				38.00/1.496	F100	RB4286
		32.980/1.2984	38.000/1.4961	2.530/.0996				
		33.000/1.2992	36.030/1.4185					
		33.000/1.2992	38.030/1.4972					
		33.000/1.2992	36.030/1.4185					
		33.000/1.2992	38.030/1.4972					

**50** Engine **Year** **Cyl** **Bore x Stroke** **50**  
 D500 4978cc Inline6 SOHC 2v Diesel 12/1970 - 12/1988 L6 98.0mm x 100.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>6B1886P</b> STD, .25, .50, .75, 1.00		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886	
		63.944/2.5175	68.015/2.6778				IH	
<b>7M1885P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.525/.0994	27.83/1.096	F780	1885	
		75.925/2.9892	81.011/3.1894				IH	
<b>7M1887P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	75.913/2.9887	81.000/3.1890	2.513/.0989	27.70/1.091	F780	1887	
		75.925/2.9892	81.011/3.1894				IH	
<b>2T1887</b> STD	<b>THRUST</b>	84.000/3.3071	101.000/3.9764		2.98/.117		1887T	
		84.000/3.3071	101.000/3.9764				UL	
<b>2T1888</b> STD	<b>THRUST</b>	<i>Inside diameter is 84.5mm.</i>				2.50/.098	F250	1888T
		84.500/3.3268	100.750/3.9665				UL	
<b>6C8081</b> STD	<b>CAMS</b> 1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082	
		55.970/2.2035	60.046/2.3640					
		2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
			55.970/2.2035	60.046/2.3640				



**50 Continued ... 50**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4287</b> UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	6RB4287
		33.000/1.2992	36.030/1.4185				
<b>PISTON PIN BUSH</b>							
<b>RB4287</b> UNB		32.990/1.2988	36.000/1.4173	1.530/.0602	38.00/1.496	F100	RB4287
		33.000/1.2992	36.030/1.4185				

**51 Engine Year Cyl Bore x Stroke 51**  
**6BF1 6130cc Inline6 SOHC 2v Diesel 10/1979 - 12/1988 L6 105.0mm x 118.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1886P</b> STD, .25, .50, .75, 1.00, 1.25		63.932/2.5170	68.000/2.6772	2.012/.0792	29.80/1.173	F780	1886 IH
		63.944/2.5175	68.015/2.6778				
<b>MAINS</b> <i>Suits from 05/80 on. Half groove.</i>							
<b>7M1884P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1855 L
		79.925/3.1466	85.019/3.3472				
	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1884 U
		79.925/3.1466	85.019/3.3472				
<b>MAINS</b> <i>Suits until 04/80. Notch width is 6.03mm.</i>							
<b>7M1888P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888 U
		79.925/3.1466	85.019/3.3472				
	1,2,3,5,6,7	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1888 L
		79.925/3.1466	85.019/3.3472				
	4	79.913/3.1462	85.000/3.3465	2.518/.0991	26.70/1.051	F780	1889 L
		79.925/3.1466	85.019/3.3472				
<b>THRUST</b> <i>Inside diameter is 88mm.</i>							
<b>2T1889</b> STD		88.000/3.4646	100.750/3.9665		2.50/.098	F250	1889T UL
		88.250/3.4744	101.000/3.9764				
<b>CAMS</b>							
<b>6C8081</b> STD	1	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8082
		55.970/2.2035	60.046/2.3640				
	2 TO 6	55.945/2.2026	60.000/2.3622	1.995/.0785	20.00/.787	F23	8081
		55.970/2.2035	60.046/2.3640				
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.740/.0685	38.00/1.496	F100	6RB4073
		35.000/1.3780	38.025/1.4970				
<b>PISTON PIN BUSH</b>							
<b>RB4073</b> UNB		34.995/1.3778	38.000/1.4961	1.530/.0602	38.00/1.496	F100	RB4073
		35.000/1.3780	38.025/1.4970				

**52 Engine Year Cyl Bore x Stroke 52**  
**4HG1 4570cc Inline4 SOHC 2v Diesel 10/2000 - On L4 115.0mm x 110.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1836P</b> STD, .25, .50, .75, 1.00, 1.25		65.902/2.5946	69.985/2.7553	2.013/.0793	30.40/1.197	F780	1836 IH
		65.922/2.5953	70.000/2.7559				
<b>MAINS</b>							
<b>5M1837A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A UL
		81.925/3.2254	87.019/3.4259				
<b>MAINS</b>							
<b>5M1837P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837 UL
		81.925/3.2254	87.019/3.4259				
<b>THRUST</b>							
<b>3T1837</b> STD		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1838T IH
		92.950/3.6594	110.000/4.3307				
		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T U
		92.950/3.6594	110.000/4.3307				





52 Continued ...							52
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C8554A</b> STD	<b>CAMS</b> 1,2,3,4,5	39.940/1.5724	43.000/1.6929	1.500/.0591	22.13/.871	F820	8554A
		39.975/1.5738	43.020/1.6937				IH
<b>4RB4291</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered bush. Set of 4.</i>		2.040/.0803	41.00/1.614	F100	4RB4291
		35.990/1.4169	40.000/1.5748				
<b>RB4291</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered bush.</i>		2.040/.0803	41.00/1.614	F100	RB4291
		35.990/1.4169	40.000/1.5748				
		36.000/1.4173	40.020/1.5756				

53 Engine				Year	Cyl	Bore x Stroke	53
4HE1-T 4751cc Inline4 SOHC 2v Turbo Diesel				05/1990 - On	L4	110.0mm x mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1854P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	72.920/2.8709		2.517/.0991	30.43/1.198	F780	1854
		72.922/2.8709					IH
<b>5M1837A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F810	1837A
		81.925/3.2254	87.019/3.4259				UL
<b>5M1837P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837
		81.925/3.2254	87.019/3.4259				UL
<b>3T1837</b> STD	<b>THRUST</b>	92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T
		92.950/3.6594	110.000/4.3307				U
		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1838T
		92.950/3.6594	110.000/4.3307				IH
<b>4RB4292</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered bush. Set of 4.</i>		2.040/.0803	41.00/1.614	F100	4RB4292
			44.000/1.7323				
<b>RB4292</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered bush.</i>		2.040/.0803	41.00/1.614	F100	RB4292
			44.045/1.7341				
			44.000/1.7323				
			44.045/1.7341				

54 Engine				Year	Cyl	Bore x Stroke	54
6HE1 7127cc Inline6 SOHC Diesel				01/1992 - 12/1998	L6	110.0mm x 125.0mm	
6HH1 8226cc Inline6 SOHC Diesel				01/1998 - On	L6	115.0mm x 132.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1831P</b> STD, .25, .50	<b>CONROD</b>	65.902/2.5946	69.985/2.7553	2.013/.0793	30.43/1.198	F781	1831
		65.922/2.5953	70.000/2.7559				IH
<b>7M1837P</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,2,3,4,5,6,7	81.905/3.2246	87.000/3.4252	2.518/.0991	27.25/1.073	F780	1837
		81.925/3.2254	87.019/3.4259				UL
<b>3T1837</b> STD	<b>THRUST</b>	92.700/3.6496	109.750/4.3209		3.00/.118	F817	1837T
		92.950/3.6594	110.000/4.3307				U
		92.700/3.6496	109.750/4.3209		3.00/.118	F817	1838T
		92.950/3.6594	110.000/4.3307				IH

# Jaguar



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2483cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	2483	151	2
AJ25 2495cc V6 DOHC 4v	10/2001 - On	V6	2495	152	1
AJ30 2967cc V6 DOHC 4v	01/2000 - On	V6	2967	181	1
3442cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	3442	210	2
3781cc Inline6 DOHC 2v	01/1959 - 01/1969	L6	3781	230	2
4.2L 258ci Inline6 DOHC 2v	01/1965 - 03/1987	L6	4227	258	3



1	Engine	Year	Cyl	Bore x Stroke	1
	AJ25 2495cc V6 DOHC 4v	10/2001 - On	V6	81.6mm x 79.5mm	
	AJ30 2967cc V6 DOHC 4v	01/2000 - On	V6	89.0mm x 79.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B4395A</b> STD, .25, .50, .75		49.972/1.9674	53.015/2.0872	1.501/.0591	18.00/.709	F810	4395A IH
		49.990/1.9681	53.035/2.0880				
<b>MAINS</b> <i>Set includes thrustwasher.</i>							
<b>4M7262A</b> STD, .25, .50, .75	1,2,4,5	62.969/2.4791	67.998/2.6771	2.502/.0985	17.90/.705	F810	7262A UL
		62.992/2.4800	68.021/2.6780				
	3	62.969/2.4791	67.998/2.6771	2.502/.0985	22.30/.878	F810	7263A L
		62.992/2.4800	68.021/2.6780				
<b>PISTON PIN BUSH</b>							
<b>RB4114</b> UNB			24.015/.9455	1.850/.0728	21.00/.827	F100	RB4114
			24.040/.9465				

2	Engine	Year	Cyl	Bore x Stroke	2
	2483cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	83.0mm x 76.5mm	
	3442cc Inline6 DOHC 2v	01/1949 - 01/1969	L6	83.0mm x 106.0mm	
	3781cc Inline6 DOHC 2v	01/1959 - 01/1969	L6	87.0mm x 106.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2991</b> STD, 010, 020, 030, 040		52.974/2.0856	56.718/2.2330	1.849/.0728	24.76/.975	F780	2991 IH
		52.987/2.0861	56.731/2.2335				
<b>MAINS</b>							
<b>7M2997</b> STD, 010, 020, 030	1,4,7	69.850/2.7500	74.079/2.9165	2.090/.0823	38.23/1.505	F780	2992 IH
		69.863/2.7505	74.092/2.9170				
	2,3,5,6	69.850/2.7500	74.079/2.9165	2.095/.0825	25.40/1.000	F780	2997 UL
		69.863/2.7505	74.092/2.9170				
<b>THRUST</b>							
<b>1T3252</b> STD, 005		74.420/2.9299	91.950/3.6201		2.36/.093	F817	3252T IH
		74.670/2.9398	92.200/3.6299				
<b>CAMS</b>							
<b>8C7696</b> STD	1 - 8	25.375/.9990	29.223/1.1505	1.911/.0752	33.45/1.317	F23	7696 IH
		25.387/.9995	29.235/1.1510				
<b>PISTON PIN BUSH</b>							
<b>RB875</b>		22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875
		22.230/.8752	25.400/1.0000				

3	Engine	Year	Cyl	Bore x Stroke	3
	4.2L 258ci Inline6 DOHC 2v	01/1965 - 03/1987	L6	3.63in x 4.17in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2991</b> STD, 010, 020, 030, 040		52.974/2.0856	56.718/2.2330	1.849/.0728	24.76/.975	F780	2991 IH
		52.987/2.0861	56.731/2.2335				
<b>MAINS</b>							
<b>7M2996</b> STD, 010, 020, 030	1,7	69.850/2.7500	74.079/2.9165	2.095/.0825	34.92/1.375	F780	2996 UL
		69.863/2.7505	74.092/2.9170				
	2,3,5,6	69.850/2.7500	74.079/2.9165	2.095/.0825	25.40/1.000	F780	2997 UL
		69.863/2.7505	74.092/2.9170				
	4	69.850/2.7500	74.079/2.9165	2.095/.0825	28.70/1.130	F780	2998 IH
		69.863/2.7505	74.092/2.9170				
<b>THRUST</b>							
<b>1T3252</b> STD, 005		74.420/2.9299	91.950/3.6201		2.36/.093	F817	3252T IH
		74.670/2.9398	92.200/3.6299				
<b>CAMS</b>							
<b>8C7696</b> STD	1 - 8	25.375/.9990	29.223/1.1505	1.911/.0752	33.45/1.317	F23	7696 IH
		25.387/.9995	29.235/1.1510				



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
RB875	PISTON PIN BUSH	22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875
		22.230/.8752	25.400/1.0000				



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
134ci (L134/F134) Inline4 OHV 2v	01/1947 - 12/1971	L4	2199	134	1
148ci (2.4L) (EDZ) Inline4 DOHC 4v	01/2002 - 12/2006	L4	2429	148	10
150ci (2.5L) Inline4 OHV 2v	06/1981 - 12/2002	L4	2464	150	2
151ci (2.5L) (Pontiac) Inline4 2v	01/1980 - 12/1983	L4	2474	151	11
R425 (VM) 2499cc Inline4 OHV 2v Turbo Diesel	01/2002 - 12/2004	L4	2499	152	15
173ci (2.8L) (Chev) V6 OHV 2v	01/1984 - 12/1987	V6	2834	173	12
225ci (3.7L) V6 OHV 2v (Buick)	01/1966 - 12/1971	V6	3687	224	3
3.7L (226ci) PowerTech V6 SOHC 2v	01/2002 - On	V6	3701	225	7
232ci Inline6 OHV 2v	01/1965 - 12/1979	L6	3801	232	6
4.0L (242ci) Inline6 OHV 2v	01/1987 - 03/2007	L6	3965	242	16
258ci Inline6 OHV 2v	01/1971 - 12/1990	L6	4227	258	6
4.7L (287ci) PowerTech V8 SOHC 2v	01/1999 - 12/2010	V8	4701	286	8
304ci (AMC) V8 OHV 2v	01/1971 - 12/1981	V8	4981	304	4
318ci V8 OHV 2v	01/1993 - 12/1998	V8	5211	318	13
5.7L (345ci) Hemi V8 OHV 2v	01/2005 - On	V8	5653	345	9
350ci V8 OHV 2v (Buick)	01/1969 - 12/1971	V8	5735	350	5
360ci (AMC) V8 OHV 2v	01/1973 - 12/1991	V8	5899	360	4
360ci V8 OHV 2v	01/1998 - 12/1998	V8	5899	360	14





1	Engine	Year	Cyl	Bore x Stroke	1
	134ci (L134/F134) Inline4 OHV 2v	01/1947 - 12/1971	L4	3.13in x 4.38in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B9955</b> STD, 010, 020, 030, 040, 050,		49.213/1.9375	51.897/2.0432	1.328/.0523	27.91/1.099	F23	9955 IH
		49.238/1.9385	51.918/2.0440				
<b>MAINS</b>							
<i>Has overwidth flanges for undersizes : 010/020 = Std + 0.10mm, 030 to 080 = Std + 0.20mm.</i>							
<b>3M9958A</b> STD, 010, 020, 030, 040, 050,		59.261/2.3331	62.967/2.4790	1.836/.0723	44.57/1.755	F820	9958AL UL
		59.286/2.3341	62.992/2.4800				
		59.261/2.3331	63.221/2.4890	1.963/.0773	46.17/1.818	F820	9957AL UL
		59.286/2.3341	63.246/2.4900				
		59.260/2.3331	63.475/2.4990	2.086/.0821	48.79/1.921	F820	9956AL UL
		59.286/2.3341	63.500/2.5000				

2	Engine	Year	Cyl	Bore x Stroke	2
	150ci (2.5L) Inline4 OHV 2v	06/1981 - 12/2002	L4	3.88in x 3.19in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B960A</b> STD, 001, 010, 020, 030, 040,		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A IH	
		53.226/2.0955	56.096/2.2085					
<b>MAINS</b>								
<b>5M1568A</b> STD, 010, 020, 030,	1,2,4,5	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A UL	
		63.487/2.4995	68.377/2.6920					
	3	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8873A(F) UL	
		63.487/2.4995	68.377/2.6920					
<b>MAINS</b>								
<i>Centrally located notch in upper bearing shell.</i>								
<b>5M1948A</b> STD, 10, 20, 30	1,3,4,5	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A L	
		63.487/2.4995	68.377/2.6920					
	1,3,4,5	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8874A U	
		63.487/2.4995	68.377/2.6920					
	2	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8873A(F) L	
		63.487/2.4995	68.377/2.6920					
	2	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8875A(F) U	
		63.487/2.4995	68.377/2.6920					
	<b>CAMS</b>							
	<i>Full round cam.</i>							
<b>4C549S</b> STD	1	51.549/2.0295	54.750/2.1555	1.575/.0620	17.65/.695	F23	8886	
		51.575/2.0305	54.775/2.1565					
	2	51.295/2.0195	54.496/2.1455	1.575/.0620	17.65/.695	F23	8887	
		51.321/2.0205	54.521/2.1465					
	3	51.041/2.0095	54.242/2.1355	1.575/.0620	17.65/.695	F23	8888	
	51.067/2.0105	54.267/2.1365						
	4	50.787/1.9995	53.988/2.1255	1.575/.0620	17.65/.695	F23	8889	
		50.813/2.0005	54.013/2.1265					

3	Engine	Year	Cyl	Bore x Stroke	3
	225ci (3.7L) V6 OHV 2v (Buick)	01/1966 - 12/1971	V6	3.75in x 3.40in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>18.84mm wide.</i>							
<b>6B610A</b> STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
<b>MAINS</b>							
<i>STD width flanges on all undersizes.</i>							
<b>4M960A</b> STD, 001, 010, 020, 030, 040	1,3	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9015A UL
		63.500/2.5000	68.275/2.6880				
	2	63.475/2.4990	68.250/2.6870	2.365/.0931	26.87/1.058	F810	9017A(F) UL
		63.500/2.5000	68.275/2.6880				
	4	63.475/2.4990	68.250/2.6870	2.365/.0931	22.07/.869	F810	9016A L
		63.500/2.5000	68.275/2.6880				
	4	63.470/2.4988	68.250/2.6870	2.365/.0931	22.07/.869	F810	9019A U
		63.500/2.5000	68.275/2.6880				



**3 Continued ... 3**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b>							
<b>4C506S</b> STD	1	44.577/1.7550 44.602/1.7560	47.892/1.8855 47.943/1.8875	1.631/.0642	19.18/.755	F23	5332
	2	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.181/1.8575	1.631/.0642	19.18/.755	F23	5333
	3	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.419/1.8275	1.631/.0642	19.18/.755	F23	5334
	4	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.657/1.7975	1.631/.0642	19.18/.755	F23	5335

**4 Engine Year Cyl Bore x Stroke 4**

304ci (AMC) V8 OHV 2v 01/1971 - 12/1981 V8 3.75in x 3.44in  
 360ci (AMC) V8 OHV 2v 01/1973 - 12/1991 V8 4.08in x 3.44in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>8B960A</b> STD, 01, 10, 20, 30, 40		53.208/2.0948 53.226/2.0955	56.083/2.2080 56.096/2.2085	1.425/.0561	21.26/.837	F810	1480A IH	
	<b>MAINS</b> <i>Fully Grooved.</i>							
<b>5M1041A</b> STD, 010, 020, 030, 040	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/.0958	23.57/.928	F810	1484A L	
	1,2,4,5	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/.0958	23.57/.928	F810	1482A U	
	3	69.804/2.7482 69.822/2.7489	74.701/2.9410 74.727/2.9420	2.433/.0958	32.26/1.270	F810	1483A(F) UL	
	<b>CAMS</b>							
	<b>5C671S</b> STD, 010	1	53.835/2.1195 53.861/2.1205	57.036/2.2455 57.061/2.2465	1.580/.0622	23.50/.925	F23	N-9-1
		2	53.073/2.0895 53.099/2.0905	56.274/2.2155 56.299/2.2165	1.580/.0622	16.00/.630	F23	N-8-2
3		52.311/2.0595 52.337/2.0605	55.512/2.1855 55.537/2.1865	1.580/.0622	16.00/.630	F23	N-8-3	
4		51.549/2.0295 51.575/2.0305	54.750/2.1555 54.775/2.1565	1.580/.0622	16.00/.630	F23	N-8-4	
5		50.787/1.9995 50.813/2.0005	53.988/2.1255 54.013/2.1265	1.580/.0622	16.00/.630	F23	N-8-5	

**5 Engine Year Cyl Bore x Stroke 5**

350ci V8 OHV 2v (Buick) 01/1969 - 12/1971 V8 3.80in x 3.85in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B610A</b> STD, 010, 020, 030, 040		50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/.0618	18.84/.742	F810	2226A IH
	<b>MAINS</b>						
<b>5M1457A</b> STD, 010, 020, 030	1,2,4	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7134A UL
	3	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	26.87/1.058	F810	7135A(F) UL
	5	76.187/2.9995 76.213/3.0005	80.975/3.1880 81.001/3.1890	2.375/.0935	21.97/.865	F810	7137A UL
	<b>CAMS</b>						
<b>5C680S</b> STD	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	19.18/.755	F23	5316
	2,3,4,5	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.705/1.9175	1.630/.0642	15.88/.625	F23	5317



6	Engine	Year	Cyl	Bore x Stroke	6
	232ci Inline6 OHV 2v	01/1965 - 12/1979	L6	3.75in x 3.50in	
	258ci Inline6 OHV 2v	01/1971 - 12/1990	L6	3.75in x 3.90in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B960A</b> STD, 001, 10, 20, 30, 40		53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A
		53.226/2.0955	56.096/2.2085				IH
<b>MAINS</b>							
<b>7M704A</b> STD, 10, 20, 30, 40	1,2,4,5,6,7	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A
		63.487/2.4995	68.377/2.6920				UL
	3	63.470/2.4988	68.351/2.6910	2.421/.0953	32.26/1.270	F810	8873A(F)
		63.487/2.4995	68.377/2.6920				UL
<b>CAMS</b> <i>Full round cam.</i>							
<b>4C549S</b> STD	1	51.549/2.0295	54.750/2.1555	1.575/.0620	17.65/.695	F23	8886
		51.575/2.0305	54.775/2.1565				
	2	51.295/2.0195	54.496/2.1455	1.575/.0620	17.65/.695	F23	8887
		51.321/2.0205	54.521/2.1465				
	3	51.041/2.0095	54.242/2.1355	1.575/.0620	17.65/.695	F23	8888
	51.067/2.0105	54.267/2.1365					
	4	50.787/1.9995	53.988/2.1255	1.575/.0620	17.65/.695	F23	8889
		50.813/2.0005	54.013/2.1265				

7	Engine	Year	Cyl	Bore x Stroke	7
	3.7L (226ci) PowerTech V6 SOHC 2v	01/2002 - On	V6	93.0mm x 90.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>This part has no locating notch.</i>							
<b>6B7200A</b> STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7200A
		57.904/2.2797	61.206/2.4097				IH
<b>CONROD</b>							
<b>6B7201A</b> STD, .25, .50		57.897/2.2794	61.194/2.4092	1.641/.0646	16.64/.655	F810	7201A
		57.904/2.2797	61.206/2.4097				IH
<b>MAINS</b>							
<b>4M7214A</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL
<b>MAINS</b> <i>Set includes 1 set of thrustwashers 1T7214</i>							
<b>4M7214A+2T</b> STD, .25, .50, .75, 1.00		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T
		71.250/2.8051	91.250/3.5925				UL
	1,2,3,4	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL
<b>THRUST</b>							
<b>1T7214</b> STD		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T
		71.250/2.8051	91.250/3.5925				UL

8	Engine	Year	Cyl	Bore x Stroke	8
	4.7L (287ci) PowerTech V8 SOHC 2v	01/1999 - 12/2010	V8	93.0mm x 86.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings do not have notches.</i>							
<b>8B7206A</b> STD, .25, .50, .75		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7206A
		51.003/2.0080	54.005/2.1262				IH
<b>CONROD</b> <i>Bearing contains a notch.</i>							
<b>8B7210A</b> STD, .25, .50, .75, 1.00		50.996/2.0077	53.992/2.1257	1.491/.0587	16.64/.655	F810	7210A
		51.003/2.0080	54.005/2.1262				IH
<b>CONROD</b> <i>.002" oversize OD version of 8B7210A.</i>							
<b>8B7210AO/S2</b> STD, .25, .50, .75, 1.00		50.996/2.0077	54.042/2.1276	1.641/.0646	16.64/.655	F810	9092A
		51.003/2.0080	54.055/2.1281				IH
<b>MAINS</b>							
<b>5M7214A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A
		63.505/2.5002	68.405/2.6931				UL



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7214A+2T</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<b>MAINS</b> <i>Set includes 1 set of thrustwashers 1T7214</i>					
		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925				
		63.495/2.4998	68.395/2.6927	2.443/.0962	20.63/.812	F810	7214A UL
		63.505/2.5002	68.405/2.6931				
<b>1T7214</b> STD		<b>THRUST</b>					
		71.000/2.7953	91.000/3.5827		2.54/.100	F817	7214T UL
		71.250/2.8051	91.250/3.5925				
<b>5C5170A</b> Std, .25	1	<b>CAMS</b> <i>Cam tower repair inserts.</i>					
		25.975/1.0226	29.119/1.1464	1.562/.0615	20.00/.787	F810	5172A U
	25.995/1.0234	29.144/1.1474					
	1,2,3,4,5	25.975/1.0226	29.119/1.1464	1.562/.0615	14.70/.579	F810	5171A L
		25.995/1.0234	29.144/1.1474				
2,3,4,5	25.975/1.0226	29.119/1.1464	1.562/.0615	14.70/.579	F810	5170A U	
		25.995/1.0234	29.144/1.1474				

9 Engine				Year	Cyl	Bore x Stroke	9
5.7L (345ci) Hemi V8 OHV 2v				01/2005 - On	V8	99.5mm x 90.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B1808A</b> STD, .25, .50		<b>CONROD</b>					
		53.993/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F810	7211A IH
		54.008/2.1263	57.219/2.2527				
<b>RACE SERIES</b> <b>8B1808H</b> STD, .025, .25		<b>CONROD</b>					
		53.993/2.1257	57.206/2.2522	1.585/.0624	18.75/.738	F781	7211H UL
		54.008/2.1263	57.219/2.2527				
<b>RACE SERIES</b> <b>8B1808HX</b> STD		<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>					
		53.993/2.1257	57.206/2.2522	1.572/.0619	18.75/.738	F781	7211HX UL
		54.008/2.1263	57.219/2.2527				
<b>8B1808P</b> STD, .25, .50		<b>CONROD</b>					
		53.992/2.1257	57.206/2.2522	1.590/.0626	20.10/.791	F780	7211 IH
		54.008/2.1263	57.219/2.2527				
<b>5M2220A</b> STD, .25, .50	1,2,3,4,5	<b>MAINS</b>					
		64.996/2.5589	69.893/2.7517	2.439/.0960	21.60/.850	F810	7216A UL
		65.004/2.5592	69.906/2.7522				
<b>RACE SERIES</b> <b>5M2220H</b> STD, .025, .25	1,2,3,4,5	<b>MAINS</b>					
		64.996/2.5589	69.893/2.7517	2.434/.0958	21.10/.831	F780	7216H UL
		65.004/2.5592	69.906/2.7522				
<b>RACE SERIES</b> <b>5M2220HX</b> STD	1,2,3,4,5	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
		64.996/2.5589	69.893/2.7517	2.421/.0953	21.10/.831	F780	7216HX UL
		65.004/2.5592	69.906/2.7522				
<b>1T611S</b> STD		<b>THRUST</b>					
		72.644/2.8600			2.59/.102	F817	7216T UL
		73.152/2.8800					

10 Engine				Year	Cyl	Bore x Stroke	10
148ci (2.4L) (EDZ) Inline4 DOHC 4v				01/2002 - 12/2006	L4	87.5mm x 101.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B4565A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>					
		50.007/1.9688	52.995/2.0864	1.483/.0584	20.13/.793	F810	4565A IH
		50.025/1.9695	53.007/2.0869				
<b>5M7313A</b> STD, .25, .50, .75	1,2,4,5	<b>MAINS</b>					
		59.992/2.3619	64.000/2.5197	1.984/.0781	21.72/.855	F810	7312A IH
		60.007/2.3625	64.013/2.5202				
	3	59.992/2.3619	64.000/2.5197	1.984/.0781	27.86/1.097	F810	7313A(F) UL
60.007/2.3625		64.013/2.5202					



11 Engine				Year	Cyl	Bore x Stroke	11
151ci (2.5L) (Pontiac) Inline4 2v				01/1980 - 12/1983	L4	4.00in x 3.00in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Supersedes 4B610P.</i>							
<b>4B610A</b> STD, 10, 20, 30, 40		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
<b>MAINS</b> <i>Standard width thrust for all undersizes.</i>							
<b>5M1733A</b> STD, 01, 10, 20, 30, 40	1,2,3,4	58.377/2.2983	63.261/2.4906	2.426/.0955	20.49/.807	F810	7132A
		58.402/2.2993	63.287/2.4916				UL
	5	58.377/2.2983	63.261/2.4906	2.426/.0955	25.63/1.009	F810	7133A(F)
		58.402/2.2993	63.287/2.4916				UL
<b>CAMS</b>							
<b>3C1030S</b> STD		47.452/1.8682	50.775/1.9990	1.638/.0645	22.10/.870	F23	5157
		47.478/1.8692	50.825/2.0010				

12 Engine				Year	Cyl	Bore x Stroke	12
173ci (2.8L) (Chev) V6 OHV 2v				01/1984 - 12/1987	V6	88.9mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>6B1238A</b> STD, 01, 10, 20, 30, 40		50.759/1.9984	53.962/2.1245	1.575/.0620	18.29/.720	F810	7116A	
		50.785/1.9994	53.988/2.1255				IH	
<b>MAINS</b> <i>For engines 1980-85 with 63.3mm small journal design.</i>								
<b>4M1494A</b> STD, 010, 020, 030, 40	1	63.340/2.4937	68.250/2.6870	2.426/.0955	24.64/.970	F810	7117A	
		63.363/2.4946	68.275/2.6880				UL	
	2	63.340/2.4937	68.250/2.6870	2.426/.0955	18.85/.742	F810	7118A	
		63.363/2.4946	68.275/2.6880				UL	
	3	63.340/2.4937	68.250/2.6870	2.426/.0955	23.93/.942	F810	7119A(F)	
		63.363/2.4946	68.275/2.6880				UL	
	4	63.340/2.4937	68.250/2.6870	2.426/.0955	31.70/1.248	F810	7120A	
		63.363/2.4946	68.275/2.6880				UL	
<b>MAINS</b> <i>For engines 1985 on with 67.2mm large journal design.</i>								
<b>4M2037A</b> STD, .25, .50, .75, 1.00		67.239/2.6472	72.149/2.8405	2.426/.0955	24.80/.976	F810	7237A	
		67.264/2.6482	72.174/2.8415				UL	
		67.239/2.6472	72.149/2.8405	2.426/.0955	18.75/.738	F810	7238A	
		67.264/2.6482	72.174/2.8415				UL	
		67.239/2.6472	72.149/2.8405	2.426/.0955	23.93/.942	F810	7239A(F)	
		67.264/2.6482	72.174/2.8415				UL	
<b>CAMS</b>								
<b>4C1102S</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7207	
		47.490/1.8697	51.079/2.0110					
	2,3	47.440/1.8677	50.775/1.9990	1.630/.0642	16.13/.635	F23	7198	
		47.490/1.8697	50.825/2.0010					
	4	47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					
	<b>CAMS</b> <i>Alternative to 4C1102S with 18.42mm/0.725" wide #2 &amp; #3 bushes.</i>							
	<b>4C1102SW</b> STD	1	47.440/1.8677	51.029/2.0090	1.760/.0693	16.00/.630	F23	7197
47.490/1.8697			51.079/2.0110					
2,3		47.440/1.8677	51.029/2.0090	1.760/.0693	18.42/.725	F23	7208	
		47.490/1.8697	51.079/2.0110					
4		47.440/1.8677	51.029/2.0090	16.000/.6299	16.00/.630	F23	7199	
		47.490/1.8697	51.079/2.0110					

13 Engine				Year	Cyl	Bore x Stroke	13
318ci V8 OHV 2v				01/1993 - 12/1998	V8	3.91in x 3.31in	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B481A</b> STD, 010, 020, 030, 040		53.950/2.1240	57.150/2.2500	1.585/.0624	21.52/.847	F810	2700A
		53.975/2.1250	57.163/2.2505				IH





13 Continued ...								13	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>8B481H</b> STD, 001, 010	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL		
<b>RACE SERIES</b> <b>8B481HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
<b>8B481P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH		
<b>5M1344A</b> STD, 01, 10, 20, 30, 40	<b>MAINS</b>	<i>Flange OD is 3.530". Position 1,2,3,4 have half groove. Position 5 is full groove.</i>							
	1,2,4	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	22.27/.877	F810	4352A UL		
	3	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	29.26/1.152	F810	4357A(F) L		
	3	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	29.26/1.152	F810	2703A(F) U		
	5	63.487/2.4995 63.513/2.5005	68.390/2.6925 68.402/2.6930	2.436/.0959	33.70/1.327	F810	4354A UL		
<b>5C1112S</b> STD	<b>CAMS</b>								
	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630		
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	16.00/.630	F23	4667		
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	15.75/.620	F23	4668		
	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	15.75/.620	F23	4669		
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639		

14 Engine				Year	Cyl	Bore x Stroke	14		
360ci V8 OHV 2v				01/1998 - 12/1998	V8	101.6mm x 90.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>8B481A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F810	2700A IH		
<b>RACE SERIES</b> <b>8B481H</b> STD, 001, 010	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.582/.0623	21.52/.847	F781	2700H UL		
<b>RACE SERIES</b> <b>8B481HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.569/.0618	21.52/.847	F781	2700HX UL
<b>8B481P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	53.950/2.1240 53.975/2.1250	57.150/2.2500 57.163/2.2505	1.585/.0624	21.52/.847	F780	2700 IH		
<b>5M1266A</b> STD, 001, 010, 020, 030	<b>MAINS</b>	<i>Flange OD is 3.910".</i>							
	1,2,4	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	22.28/.877	F810	2705A IH		
	3	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	29.26/1.152	F810	2706A(F) IH		
	5	71.361/2.8095 71.387/2.8105	76.264/3.0025 76.276/3.0030	2.431/.0957	31.98/1.259	F810	2709A UL		
<b>5C1112S</b> STD	<b>CAMS</b>								
	1	50.750/1.9980 50.775/1.9990	54.089/2.1295 54.115/2.1305	1.638/.0645	22.39/.881	F23	4630		
	2	50.343/1.9820 50.368/1.9830	53.683/2.1135 53.708/2.1145	1.638/.0645	16.00/.630	F23	4667		
	3	49.962/1.9670 49.987/1.9680	53.302/2.0985 53.327/2.0995	1.638/.0645	15.75/.620	F23	4668		

**14 Continued ...** **14**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C112S</b> STD	4	49.555/1.9510 49.581/1.9520	52.895/2.0825 52.921/2.0835	1.638/.0645	15.75/.620	F23	4669
	5	39.637/1.5605 39.662/1.5615	42.977/1.6920 43.002/1.6930	1.638/.0645	24.13/.950	F23	4639

**15 Engine** **15**

**Year** **Cyl** **Bore x Stroke**

R425 (VM) 2499cc Inline4 OHV 2v Turbo Diesel 01/2002 - 12/2004 L4 92.0mm x 94.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Contains one pair only.</i>					
<b>1B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090
		53.955/2.1242	57.582/2.2670				IH
<b>4B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090
		53.955/2.1242	57.582/2.2670				IH
<b>5M1091A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1	62.995/2.4801 63.010/2.4807	67.025/2.6388 67.050/2.6398	2.000/.0787	28.25/1.112	F810	1091A
	2,3,4	63.005/2.4805 63.020/2.4811	66.670/2.6248 66.687/2.6255	1.820/.0717	28.00/1.102	F810	1094A IH
	5	69.985/2.7553 70.000/2.7559	75.005/2.9529 75.030/2.9539	2.510/.0988	22.25/.876	F810	1092A
	<b>THRUST</b>	74.250/2.9232 74.500/2.9331	88.000/3.4646 88.100/3.4685		2.36/.093	F817	1093T IH
<b>1T1093</b> STD							
<b>PISTON PIN BUSH</b>							
<b>RB4154</b> UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

**16 Engine** **16**

**Year** **Cyl** **Bore x Stroke**

4.0L (242ci) Inline6 OHV 2v 01/1987 - 03/2007 L6 3.90in x 3.41in

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>6B960A</b> STD, 001, 10, 20, 30, 40	<b>CONROD</b>	53.208/2.0948	56.083/2.2080	1.425/.0561	21.26/.837	F810	1480A		
		53.226/2.0955	56.096/2.2085				IH		
<b>7M704A</b> STD, 10, 20, 30, 40	<b>MAINS</b>	63.470/2.4988	68.351/2.6910	2.421/.0953	25.04/.986	F810	8872A		
		63.487/2.4995	68.377/2.6920				UL		
		3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8873A(F) UL	
<b>7M8874A</b> STD, 010, 020, 030	<b>MAINS</b>	<i>Central notch in upper shell.</i>							
		1,2,4,5,6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	25.04/.986	F810	8872A UL	
		1,2,4,5,6,7	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	25.04/.986	F810	8874A U	
		3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8873A(F) UL	
		3	63.470/2.4988 63.487/2.4995	68.351/2.6910 68.377/2.6920	2.421/.0953	32.26/1.270	F810	8875A(F) U	
		<b>CAMS</b>	<i>Full round cam.</i>						
		<b>4C549S</b> STD	1	51.549/2.0295	54.750/2.1555	1.575/.0620	17.65/.695	F23	8886
				51.575/2.0305	54.775/2.1565				
2	51.295/2.0195 51.321/2.0205			54.496/2.1455 54.521/2.1465	1.575/.0620	17.65/.695	F23	8887	
3	51.041/2.0095 51.067/2.0105			54.242/2.1355 54.267/2.1365	1.575/.0620	17.65/.695	F23	8888	
4	50.787/1.9995	53.988/2.1255	1.575/.0620	17.65/.695	F23	8889			
	50.813/2.0005	54.013/2.1265							



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
B1 1138cc Inline4 SOHC 2v	03/1987 - 12/1995	L4	1138	69	1
B3 1323cc Inline4 SOHC 2v	01/1990 - 12/2001	L4	1323	80	2
A5D 1493cc Inline4 DOHC 4v	01/2000 - 12/2005	L4	1493	91	9
B5 1498cc Inline4 SOHC 4v	01/1992 - 12/1997	L4	1498	91	2
B6 1597cc Inline4 DOHC 4v	09/1993 - 12/2005	L4	1597	97	3
BP 1840cc Inline4 DOHC 4v	01/1995 - 12/1997	L4	1840	112	3
FE-D 1998cc Inline4 DOHC 4v	01/1994 - 12/2003	L4	1998	121	10
F2 2184cc Inline4 SOHC 3v	01/1992 - 12/2003	L4	2184	133	4
HW 2209cc Inline4 2v Diesel	01/1989 - 12/1997	L4	2209	134	5
S2 2209cc Inline4 OHV 2v Diesel	01/1979 - 12/1990	L4	2209	134	8
VN (RFA) 2662cc Inline4 2v Diesel	01/1992 - On	L4	2662	162	6
J2 2665cc Inline4 SOHC 2v Diesel	03/1997 - On	L4	2665	162	7
J3-T 2903cc Inline4 SOHC 2v Turbo Diesel	01/2001 - On	L4	2903	177	7
J2 2957cc Inline4 SOHC 2v Diesel	03/1997 - On	L4	2967	181	7



1 Engine		Year		Cyl	Bore x Stroke	1	
B1 1138cc Inline4 SOHC 2v		03/1987 - 12/1995		L4	68.0mm x 78.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
<b>MAINS</b> <i>Set is half groove.</i>							
<b>5M8353A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b>							
<b>5M8353H</b> STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b>							
<b>5M8353HX</b> STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M8354A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A IH
		49.956/1.9668	54.018/2.1267				
<b>THRUST</b>							
<b>1T8353</b> STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				

2 Engine		Year		Cyl	Bore x Stroke	2	
B3 1323cc Inline4 SOHC 2v		01/1990 - 12/2001		L4	71.0mm x 83.6mm		
B5 1498cc Inline4 SOHC 4v		01/1992 - 12/1997		L4	78.0mm x 78.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
<b>MAINS</b> <i>Set is half groove.</i>							
<b>5M8353A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b>							
<b>5M8353H</b> STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b>							
<b>5M8353HX</b> STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>1T8353</b> STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				



3 Engine		Year		Cyl	Bore x Stroke		3
B6 1597cc Inline4 DOHC 4v		09/1993 - 12/2005		L4	78.0mm x 83.6mm		
BP 1840cc Inline4 DOHC 4v		01/1995 - 12/1997		L4	83.0mm x 85.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8351A</b> STD, .25, .50, .75, 1.00		44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351H</b> STD, .025, .25, .50		44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.502/.0591	17.00/.669	F781	8351HX IH
		44.940/1.7693	48.000/1.8898				
		44.956/1.7699	48.016/1.8904				
<b>MAINS</b>							
		<i>Set is half groove.</i>					
<b>5M8353A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b> <b>5M8353HX</b> STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.000/.0787	17.63/.694	F780	8353HX L
		49.938/1.9661	53.998/2.1259				
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U
		49.938/1.9661	53.998/2.1259				
		49.956/1.9668	54.018/2.1267				
<b>THRUST</b>							
<b>1T8353</b> STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4108</b> UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	4RB4108
<b>PISTON PIN BUSH</b>							
<b>RB4108</b> UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	RB4108

4 Engine		Year		Cyl	Bore x Stroke		4	
F2 2184cc Inline4 SOHC 3v		01/1992 - 12/2003		L4	86.0mm x 94.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B8140A</b> STD, .25, .50, .75, 1.00		<i>Is plain bearing, no oil holes.</i>						
		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	8140A IH	
50.955/2.0061	54.027/2.1270							
<b>MAINS</b>								
		<i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>						
<b>5M8133A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8133A L	
		59.955/2.3604	64.019/2.5204					
		1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
			59.955/2.3604	64.019/2.5204				
		3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F) U
		59.955/2.3604	64.019/2.5204					



5 Engine				Year	Cyl	Bore x Stroke	5
HW 2209cc Inline4 2v Diesel				01/1989 - 12/1997	L4	86.0mm x 94.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has small oil hole.</i>					
<b>4B2130A</b> STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A IH
		50.955/2.0061	54.017/2.1266				
<b>5M2134A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5.	59.940/2.3598	63.999/2.5196	2.007/.0790	19.13/.753	F810	2134A IH
		59.955/2.3604	64.019/2.5204				
	3	59.940/2.3598	63.999/2.5196	2.007/.0790	21.13/.832	F810	2135A IH
		59.955/2.3604	64.019/2.5204				

6 Engine				Year	Cyl	Bore x Stroke	6
VN (RFA) 2662cc Inline4 2v Diesel				01/1992 - On	L4		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8600A</b> STD, .25, .50, .75, 1.00		57.112/2.2485	60.833/2.3950	1.838/.0724	26.70/1.051	F810	8600A IH
		57.125/2.2490	60.846/2.3955				
<b>5M8602A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	75.000/2.9528	80.071/3.1524	2.508/.0987	27.30/1.075	F810	8602A UL
			80.091/3.1532				
<b>2T1777</b> STD	<b>THRUST</b>	84.700/3.3346	101.150/3.9823		2.33/.092	F817	1777T UL
		84.950/3.3445	101.400/3.9921				

7 Engine				Year	Cyl	Bore x Stroke	7
J2 2665cc Inline4 SOHC 2v Diesel				03/1997 - On	L4	94.5mm x 95.0mm	
J2 2957cc Inline4 SOHC 2v Diesel				03/1997 - On	L4		
J3-T 2903cc Inline4 SOHC 2v Turbo Diesel				01/2001 - On	L4	97.1mm x 98.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8600A</b> STD, .25, .50, .75, 1.00		57.112/2.2485	60.833/2.3950	1.838/.0724	26.70/1.051	F810	8600A IH
		57.125/2.2490	60.846/2.3955				
<b>5M8601A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	70.000/2.7559		2.008/.0791	27.13/1.068	F810	8601A UL
<b>2T1748</b> STD	<b>THRUST</b>	73.500/2.8937	90.300/3.5551		2.33/.092	F250	1748T UL
		73.500/2.8937	90.300/3.5551				
<b>4RB4088</b> UNB, STD	<b>PISTON PIN BUSH</b>		33.000/1.2992	1.700/.0669	34.30/1.350	F100	4RB4088
			33.020/1.3000				
<b>RB4088</b> UNB	<b>PISTON PIN BUSH</b>		33.000/1.2992	1.700/.0669	34.30/1.350	F100	RB4088
			33.020/1.3000				

8 Engine				Year	Cyl	Bore x Stroke	8
S2 2209cc Inline4 OHV 2v Diesel				01/1979 - 12/1990	L4	88.9mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1750A</b> STD, .25, .50, .75, 1.00		52.987/2.0861	56.683/2.2316	1.833/.0722	28.60/1.126	F810	1750A IH
		53.000/2.0866	56.696/2.2321				
<b>5M1748A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	64.987/2.5585	68.987/2.7160	1.983/.0781	28.60/1.126	F810	1748A U
		65.000/2.5591	69.000/2.7165				
	1,2,4,5	64.987/2.5585	68.987/2.7160	1.983/.0781	28.60/1.126	F810	1748A L
		65.000/2.5591	69.000/2.7165				



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1748A</b> STD, .25, .50, .75, 1.00	3	64.987/2.5585	68.987/2.7160	1.983/.0781	28.60/1.126	F810	1749A L
		65.000/2.5591	69.000/2.7165				
<b>2T1748</b> STD	THRUST	73.500/2.8937	90.300/3.5551		2.33/.092	F250	1748T UL
		73.500/2.8937	90.300/3.5551				
<b>4RB4068</b> UNB	PISTON PIN BUSH	Set of 4.		1.730/.0681	26.80/1.055	F100	4RB4068
		28.000/1.1024	30.987/1.2200				
<b>RB4068</b> UNB	PISTON PIN BUSH	28.000/1.1024	30.987/1.2200	1.730/.0681	26.80/1.055	F100	RB4068
		28.000/1.1024	31.000/1.2205				

9 Engine				Year	Cyl	Bore x Stroke	9
A5D 1493cc Inline4 DOHC 4v				01/2000 - 12/2005	L4	75.5mm x 83.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8351A</b> STD, .25, .50, .75, 1.00	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351H</b> STD, .025, .25, .50	CONROD	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351HX</b> STD	CONROD	0.001" extra oil clearance on STD journal.		1.502/.0591	17.00/.669	F781	8351HX IH
		44.940/1.7693	48.000/1.8898				
<b>5M8353A</b> STD, .25, .50, .75, 1.00	MAINS	Set is half groove.		2.013/.0793	17.63/.694	F810	8354A U
		1,2,3,4,5	49.938/1.9661				
	1,2,3,4,5.	49.956/1.9668	54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L
		49.938/1.9661	53.998/2.1259				
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	MAINS	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b> <b>5M8353HX</b> STD	MAINS	0.001" extra oil clearance on STD journal.		2.000/.0787	17.63/.694	F780	8354HX U
		1,2,3,4,5	49.938/1.9661				
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
		49.938/1.9661	53.998/2.1259				
<b>1T8353</b> STD	THRUST	57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				

10 Engine				Year	Cyl	Bore x Stroke	10
FE-D 1998cc Inline4 DOHC 4v				01/1994 - 12/2003	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8140A</b> STD, .25, .50, .75, 1.00	CONROD	Is plain bearing, no oil holes.		1.510/.0594	21.13/.832	F810	8140A IH
		50.940/2.0055	54.002/2.1261				
<b>5M8142A</b> STD, .25, .50, .75	MAINS	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
		59.955/2.3604	64.019/2.5204				
	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8133A L
		59.955/2.3604	64.019/2.5204				
<b>2T2134</b> STD	THRUST	68.800/2.7087	84.000/3.3071		2.05/.081	F250	2134T UL
		69.050/2.7185	84.250/3.3169				



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
A112 A.000 903cc Inline4 2v	03/1981 - 06/1986	L4	903	55	24
A112 A5.000 903cc Inline4 2v	03/1981 - 06/1986	L4	903	55	24
A112 B2.000 903cc Inline4 2v	03/1981 - 06/1986	L4	903	55	24
A112 B1.000 965cc Inline4 2v	03/1984 - 12/1986	L4	965	58	24
156 A2.000 999cc Inline4 SOHC 2v	03/1985 - 02/1990	L4	999	60	25
156 A2.048 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	25
156 A2.100 999cc Inline4 SOHC 2v	06/1985 - 06/1991	L4	999	60	25
156 A2.146 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	999	60	25
156 A2.246 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	999	60	25
156 A2.256 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	999	60	25
156 A.000 1049cc Inline4 SOHC 2v	03/1985 - 07/1989	L4	1049	64	19
156 A1.000 1049cc Inline4 SOHC 2v Turbo	03/1985 - 02/1989	L4	1049	64	19
156 C.000 1108cc Inline4 SOHC 2v	08/1989 - 06/1992	L4	1108	67	25
156 C.046 1108cc Inline4 SOHC 2v	07/1989 - 12/1995	L4	1108	67	25
176 B2.000 1108cc Inline4 SOHC 2v	01/1995 - 09/2003	L4	1108	67	25
831 B8.000 1116cc Inline4 SOHC 2v	01/1986 - 12/1990	L4	1116	68	22
176 B9.000 1242cc Inline4 DOHC 4v	04/1997 - 09/2003	L4	1242	75	26
188 A4.000 1242cc Inline4 SOHC 2v	03/1996 - 12/2011	L4	1242	75	26
188 A5.000 1242cc Inline4 SOHC 2v	10/2000 - 12/2011	L4	1242	75	26
840 A3.000 1242cc Inline4 SOHC 2v	03/1996 - 09/2003	L4	1242	75	26
146 A5.046 1297cc Inline4 SOHC 2v	02/1989 - 12/1995	L4	1297	79	19
156 B.000 1301cc Inline4 SOHC 2v	11/1987 - 12/1995	L4	1301	79	19
831 A2.000 1301cc Inline4 2v	09/1979 - 08/1992	L4	1301	79	21
831 B.000 1301cc Inline4 2v	09/1979 - 08/1992	L4	1301	79	21
828 D3.000 1367cc Inline4 2v	12/1981 - 12/1984	L4	1367	83	5
192 B2.000 1368cc Inline4 DOHC 4v	10/2007 - On	L4	1368	83	26
350 A1.000 1368cc Inline4	09/2005 - On	L4	1368	83	26
843 A1.000 1368cc Inline4 DOHC 4v	10/2003 - On	L4	1368	83	26
840 A2.000 1370cc Inline4 3v	10/1996 - 09/2003	L4	1370	83	20
840 A4.000 1370cc Inline4 3v	03/1996 - 09/2003	L4	1370	83	20
160 A1.046 1372cc Inline4 SOHC 2v	10/1994 - 08/1999	L4	1372	83	23
836 A4.000 1372cc Inline4 SOHC 2v	10/1994 - 08/1999	L4	1372	83	23
828 A2.000 1438cc Inline4 2v	08/1973 - 07/1976	L4	1438	87	21
138 C2.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	1499	91	2
831 A1.000 1499cc Inline4 SOHC 2v	09/1979 - 12/1992	L4	1499	91	23
831 B1.000 1499cc Inline4 SOHC 2v	09/1979 - 12/1992	L4	1499	91	2
831 B1.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	1499	91	2
159 B9.000 1581cc Inline4 SOHC 2v	07/1994 - 07/1999	L4	1581	96	3
182 A4.000 1581cc Inline4 DOHC 4v	01/1996 - 10/2005	L4	1581	96	3
182 A6.000 1581cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	1581	96	3
835 A1.000 1581cc Inline4 SOHC 2v	08/1989 - 06/1994	L4	1581	96	3
835 A1.046 1581cc Inline4 SOHC 2v	08/1989 - 03/1993	L4	1581	96	3
835 C1.000 1581cc Inline4 SOHC 2v	04/1993 - 08/1999	L4	1581	96	3
149 C2.000 1585cc Inline4 2v	05/1987 - 08/1992	L4	1585	96	5
828 B.000 1585cc Inline4 2v	08/1973 - 01/1987	L4	1585	96	5
831 A4.000 1585cc Inline4 2v	11/1982 - 04/1986	L4	1585	96	5
831 A7.000 1585cc Inline4 2v Turbo	10/1983 - 12/1986	L4	1585	96	10
831 B3.000 1585cc Inline4 2v Turbo	08/1986 - 08/1988	L4	1585	96	10
831 B6.000 1585cc Inline4 2v	08/1986 - 02/1992	L4	1585	96	5
831 B7.000 1585cc Inline4 2v	05/1986 - 12/1989	L4	1585	96	5
831 B7.046 1585cc Inline4 2v Turbo	04/1987 - 03/1989	L4	1585	96	10
182 B6.000 1596cc Inline4 DOHC 4v	10/2000 - 10/2005	L4	1596	97	3
182 A2.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	1747	106	27
183 A1.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	1747	106	27
839 A4.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	1747	106	27
839 A7.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	1747	106	27
839 A9.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	1747	106	27
828 A1.000 1756cc Inline4 2v	08/1973 - 07/1976	L4	1756	107	6





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
835 A2.000 1756cc Inline4 2v	09/1989 - 06/1994	L4	1756	107	8
835 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	1756	107	8
835 C2.000 1756cc Inline4 2v	06/1993 - 08/1999	L4	1756	107	8
835 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	1756	107	8
835 C5.000 1756cc Inline4 2v	08/1993 - 07/1999	L4	1756	107	8
836 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	1756	107	8
836 A5.000 1756cc Inline4 2v	07/1994 - 07/1999	L4	1756	107	8
836 A6.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	1756	107	8
836 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	1756	107	8
188 B2.000 1910cc Inline4 DOHC 2v Turbo Diesel	10/2004 - On	L4	1910	116	13
844 A1.000 1910cc Inline4 DOHC 4v Twin Turbo Diesel	01/2009 - On	L4	1910	116	15
937 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/2001 - 10/2005	L4	1910	116	13
937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel	06/2003 - On	L5	1910	116	15
AR32302 1910cc Inline4 SOHC 2v Turbo Diesel	07/1999 - 09/2000	L4	1910	116	13
AR37101 1910cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2001	L4	1910	116	13
160 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	1929	117	29
831 D.000 1929cc Inline4 SOHC 2v Diesel	01/1983 - 02/1992	L4	1929	117	11
831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1985 - 12/1989	L4	1929	117	11
835 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	1929	117	29
835 A4.046 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 07/1999	L4	1929	117	29
134 A5.000 1995cc Inline4 2v	09/1975 - 05/1981	L4	1995	121	7
175 A4.000 1995cc Inline4 4v Turbo	07/1996 - 08/1999	L4	1995	121	1
828 B1.000 1995cc Inline4 2v	04/1976 - 10/1986	L4	1995	121	5
828 B4.000 1995cc Inline4 2v	05/1980 - 01/1987	L4	1995	121	7
828 B7.000 1995cc Inline4 2v	08/1983 - 05/1985	L4	1995	121	7
831 B4.000 1995cc Inline4 2v	04/1986 - 12/1989	L4	1995	121	8
831 B5.000 1995cc Inline4 2v Turbo	11/1986 - 08/1988	L4	1995	121	12
831 C5.000 1995cc Inline4 2v Turbo	10/1987 - 02/1989	L4	1995	121	12
831 C5.046 1995cc Inline4 2v Turbo	12/1986 - 12/1992	L4	1995	121	12
831 D5.000 1995cc Inline4 4v Turbo	03/1989 - 09/1991	L4	1995	121	1
831 E5.000 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	1995	121	1
831 E5.046 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	1995	121	1
834 B.000 1995cc Inline4 2v	11/1984 - 09/1988	L4	1995	121	8
834 B.048 1995cc Inline4 2v	03/1986 - 09/1988	L4	1995	121	8
834 B.146 1995cc Inline4 2v	09/1987 - 05/1992	L4	1995	121	8
834 B1.000 1995cc Inline4 2v	09/1988 - 05/1992	L4	1995	121	8
834 B2.000 1995cc Inline4 4v	05/1988 - 08/1992	L4	1995	121	9
834 B2.246 1995cc Inline4 4v	02/1989 - 05/1992	L4	1995	121	9
834 C.000 1995cc Inline4 2v Turbo	11/1984 - 12/1987	L4	1995	121	12
834 C.146 1995cc Inline4 2v Turbo	07/1986 - 03/1992	L4	1995	121	12
834 C1.000 1995cc Inline4 4v Turbo	12/1988 - 06/1990	L4	1995	121	1
834 C1.246 1995cc Inline4 4v Turbo	04/1989 - 03/1993	L4	1995	121	1
834 F1.000 1995cc Inline4 4v	05/1992 - 07/1994	L4	1995	121	1
834 F2.000 1995cc Inline4 4v Turbo	10/1992 - 07/1994	L4	1995	121	1
835 A5.000 1995cc Inline4 2v	09/1989 - 07/1992	L4	1995	121	9
835 A5.046 1995cc Inline4 2v	09/1989 - 07/1999	L4	1995	121	12
835 A7.000 1995cc Inline4 2v Turbo	05/1990 - 07/1994	L4	1995	121	12
835 A7.046 1995cc Inline4 2v Turbo	11/1990 - 07/1994	L4	1995	121	12
835 A8.000 1995cc Inline4 2v Turbo	11/1990 - 06/1994	L4	1995	121	12
835 A8.046 1995cc Inline4 2v Turbo	04/1991 - 07/1999	L4	1995	121	1
836 A2.000 1995cc Inline4 4v Turbo	06/1993 - 08/1999	L4	1995	121	1
836 A3.000 1995cc Inline4 4v	06/1993 - 08/1999	L4	1995	121	1
838 A4.000 1995cc Inline4 4v Turbo	02/1995 - 10/2001	L4	1995	121	1
175 A3.000 1998cc Inline5 SOHC 2v Turbo	06/1998 - 10/2001	L5	1998	121	28
182 B7.000 1998cc Inline5 DOHC 4v	07/1999 - 09/2000	L5	1998	121	28
185 A8.000 1998cc Inline5 DOHC 4v	09/2000 - 10/2005	L5	1998	121	28
838 A1.000 1998cc Inline5 DOHC 4v	10/1994 - 10/2001	L5	1998	121	28
838 A6.000 1998cc Inline5 DOHC 4v	07/1996 - 10/2001	L5	1998	121	28

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
841 E.000 1998cc Inline5 DOHC 4v Turbo	07/2002 - 07/2009	L5	1998	121	28
838 A3.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	2387	145	14
838 A7.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	2387	145	14
838 A8.000 2387cc Inline5 SOHC 2v Turbo Diesel	06/1998 - 10/2001	L5	2387	145	14
839 A5.000 2387cc Inline5 DOHC 4v Turbo Diesel	07/1999 - 02/2001	L5	2387	145	17
839 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 10/2005	L5	2387	145	14
841 C.000 2387cc Inline5 SOHC 2v Turbo Diesel	05/2002 - 07/2009	L4	2387	145	14
841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel	05/2003 - 07/2009	L5	2387	145	16
841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel	06/2003 - On	L5	2387	145	16
841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel	09/2003 - 07/2009	L5	2387	145	16
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel	07/1999 - 02/2001	L5	2387	145	14
838 A2.000 2446cc Inline5 4v	08/1994 - 10/2001	L5	2446	149	18
838 A2.027 2446cc Inline5 4v	08/1994 - 10/2001	L4	2446	149	18
834 F.000 2959cc V6 2v	08/1992 - 07/1994	V6	2959	180	4
838 B.000 2959cc V6 4v	08/1994 - 10/2001	V6	2959	180	4
841 A.000 2959cc V6 4v	07/2002 - 07/2009	V6	2959	180	4





1	Engine	Year	Cyl	Bore x Stroke	1
	175 A4.000 1995cc Inline4 4v Turbo	07/1996 - 08/1999	L4	84.0mm x 90.0mm	
	831 D5.000 1995cc Inline4 4v Turbo	03/1989 - 09/1991	L4	84.0mm x 90.0mm	
	831 E5.000 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	84.0mm x 90.0mm	
	831 E5.046 1995cc Inline4 4v Turbo	06/1993 - 01/1994	L4	84.0mm x 90.0mm	
	834 C1.000 1995cc Inline4 4v Turbo	12/1988 - 06/1990	L4	84.0mm x 90.0mm	
	834 C1.246 1995cc Inline4 4v Turbo	04/1989 - 03/1993	L4	84.0mm x 90.0mm	
	834 F1.000 1995cc Inline4 4v	05/1992 - 07/1994	L4	84.0mm x 90.0mm	
	834 F2.000 1995cc Inline4 4v Turbo	10/1992 - 07/1994	L4	84.0mm x 90.0mm	
	835 A8.046 1995cc Inline4 2v Turbo	04/1991 - 07/1999	L4	84.0mm x 90.0mm	
	836 A2.000 1995cc Inline4 4v Turbo	06/1993 - 08/1999	L4	84.0mm x 90.0mm	
	836 A3.000 1995cc Inline4 4v	06/1993 - 08/1999	L4	84.0mm x 90.0mm	
	838 A4.000 1995cc Inline4 4v Turbo	02/1995 - 10/2001	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822A</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F810	2822A IH
		50.807/2.0003	53.913/2.1226				
<b>CONROD</b> <i>Notch 4.37mm wide.</i>							
<b>4B2822P</b> STD, 010, 020		50.787/1.9995	53.901/2.1221	1.534/.0604	19.50/.768	F780	2822 IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES CONROD</b>							
<b>4B2904H</b> STD, .025, .25		50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>4B2904HX</b> STD		50.787/1.9995	53.897/2.1219	1.523/.0600	19.50/.768	F781	2904HX IH
		50.807/2.0003	53.913/2.1226				
<b>MAINS</b>							
<b>5M2834A</b> STD, .25, .50	1,2,4,5	52.990/2.0862	56.717/2.2329	1.843/.0726	20.75/.817	F810	2834A IH
		53.010/2.0870	56.736/2.2337				
	3	52.990/2.0862	56.717/2.2329				
		53.010/2.0870	56.735/2.2337				
<b>RACE SERIES MAINS</b>							
<b>5M2908H</b> STD, .025, .25	1,2,4,5	52.991/2.0863	56.717/2.2329	1.843/.0726	20.75/.817	F780	2908H IH
		53.000/2.0866	56.735/2.2337				
	3	52.991/2.0863	56.717/2.2329				
		53.000/2.0866	56.735/2.2337				
<b>RACE SERIES MAINS</b>							
<b>5M2908HX</b> STD	1,2,4,5	52.991/2.0863	56.717/2.2329	1.830/.0720	20.75/.817	F780	2908HX IH
		53.000/2.0866	56.735/2.2337				
<b>THRUST</b>							
<b>1T2827A</b> STD		59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				
<b>PISTON PIN BUSH</b>							
<b>RB4159</b>		21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

2	Engine	Year	Cyl	Bore x Stroke	2
	138 C2.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	86.4mm x 63.9mm	
	831 B1.000 1499cc Inline4 SOHC 2v	09/1979 - 12/1992	L4	86.4mm x 63.9mm	
	831 B1.048 1499cc Inline4 SOHC 2v	09/1985 - 02/1992	L4	86.4mm x 63.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>3 oil holes.</i>							
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916	48.629/1.9145	1.547/.0609	19.20/.756	F810	1441A IH
		45.528/1.7924	48.646/1.9152				
<b>MAINS</b>							
<b>5M1053A</b> STD, 010, 020	1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH
		53.000/2.0866	56.718/2.2330				
	3	52.982/2.0859	56.705/2.2325				
		53.000/2.0866	56.718/2.2330				

**2 Continued ... 2**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T2894A</b> STD	<b>THRUST</b>				2.36/.093	F817	2894T UL
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>	21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

**3 Engine Year Cyl Bore x Stroke 3**

159 B9.000 1581cc Inline4 SOHC 2v	07/1994 - 07/1999	L4	86.4mm x 67.4mm
182 A4.000 1581cc Inline4 DOHC 4v	01/1996 - 10/2005	L4	86.4mm x 67.4mm
182 A6.000 1581cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	86.4mm x 67.4mm
182 B6.000 1596cc Inline4 DOHC 4v	10/2000 - 10/2005	L4	80.5mm x 78.4mm
835 A1.000 1581cc Inline4 SOHC 2v	08/1989 - 06/1994	L4	86.4mm x 67.4mm
835 A1.046 1581cc Inline4 SOHC 2v	08/1989 - 03/1993	L4	86.4mm x 67.4mm
835 C1.000 1581cc Inline4 SOHC 2v	04/1993 - 08/1999	L4	86.4mm x 67.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1441A</b> STD, 010, 020, 030	<b>CONROD</b>	<i>3 oil holes.</i>	45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH
<b>5M1028A</b> STD, .25, .50	<b>MAINS</b>	1,2,4,5	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	20.25/.797	F810	1028A IH
		3	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	22.75/.896	F810	1029A IH
<b>1T2894A</b> STD	<b>THRUST</b>					2.36/.093	F817	2894T UL
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>				25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

**4 Engine Year Cyl Bore x Stroke 4**

834 F.000 2959cc V6 2v	08/1992 - 07/1994	V6	93.0mm x 72.6mm
838 B.000 2959cc V6 4v	08/1994 - 10/2001	V6	93.0mm x 72.6mm
841 A.000 2959cc V6 4v	07/2002 - 07/2009	V6	93.0mm x 72.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B2875P</b> STD, .25	<b>CONROD</b>		51.980/2.0465 52.000/2.0472	55.511/2.1855 55.524/2.1860	1.749/.0689	19.10/.752	F780	2875 IH
<b>4M2874P</b> STD, .25	<b>MAINS</b>	1,2,3,4	59.951/2.3603 59.971/2.3611	63.657/2.5062 63.676/2.5069	1.841/.0725	22.35/.880	F780	2874 IH
<b>1T2874A</b> STD	<b>THRUST</b>					2.36/.093	F817	2874T UL
<b>RB4153</b>	<b>PISTON PIN BUSH</b>		21.994/.8659 22.000/.8661	25.120/.9890 25.146/.9900		23.72/.934	F100	RB4153





5 Engine		Year	Cyl	Bore x Stroke	5
149 C2.000 1585cc Inline4 2v		05/1987 - 08/1992	L4	84.0mm x 71.5mm	
828 B.000 1585cc Inline4 2v		08/1973 - 01/1987	L4	84.0mm x 71.5mm	
828 B1.000 1995cc Inline4 2v		04/1976 - 10/1986	L4	84.0mm x 90.0mm	
828 D3.000 1367cc Inline4 2v		12/1981 - 12/1984	L4	78.0mm x 71.5mm	
831 A4.000 1585cc Inline4 2v		11/1982 - 04/1986	L4	84.0mm x 71.5mm	
831 B6.000 1585cc Inline4 2v		08/1986 - 02/1992	L4	84.0mm x 71.5mm	
831 B7.000 1585cc Inline4 2v		05/1986 - 12/1989	L4	84.0mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>This part has 2 holes.</i>					
<b>4B1022A</b> STD, .25, .50		48.224/1.8986	51.330/2.0209	1.540/.0606	19.50/.768	F810	1022A IH
		48.244/1.8994	51.346/2.0215				
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>			1.843/.0726	20.75/.817	F820	2826A IH
	1,2,4,5	52.984/2.0860	56.716/2.2329				
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
<b>1T2827A</b> STD	<b>THRUST</b>			2.36/.093		F817	2827T IH
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
<b>RB4162</b>	<b>PISTON PIN BUSH</b>			25.10/.988		F100	RB4162
		21.539/.8480	23.939/.9425				
		21.641/.8520	23.972/.9438				

6 Engine		Year	Cyl	Bore x Stroke	6
828 A1.000 1756cc Inline4 2v		08/1973 - 07/1976	L4	84.0mm x 79.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Oil holes at 75 deg and 105 deg.</i>					
<b>4B2825A</b> STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH
		50.802/2.0001	53.913/2.1226				
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>			1.843/.0726	20.75/.817	F820	2826A IH
	1,2,4,5	52.984/2.0860	56.716/2.2329				
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
<b>1T2827A</b> STD	<b>THRUST</b>			2.36/.093		F817	2827T IH
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				
<b>RB4162</b>	<b>PISTON PIN BUSH</b>			25.10/.988		F100	RB4162
		21.539/.8480	23.939/.9425				
		21.641/.8520	23.972/.9438				

7 Engine		Year	Cyl	Bore x Stroke	7
134 AS.000 1995cc Inline4 2v		09/1975 - 05/1981	L4	84.0mm x 90.0mm	
828 B4.000 1995cc Inline4 2v		05/1980 - 01/1987	L4	84.0mm x 90.0mm	
828 B7.000 1995cc Inline4 2v		08/1983 - 05/1985	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Oil holes at 75 deg and 105 deg.</i>					
<b>4B2825A</b> STD, .25, .50, .75		50.782/1.9993	53.897/2.1219	1.536/.0605	19.50/.768	F810	2825A IH
		50.802/2.0001	53.913/2.1226				
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>			1.843/.0726	20.75/.817	F820	2826A IH
	1,2,4,5	52.984/2.0860	56.716/2.2329				
		53.005/2.0868	56.738/2.2338				
	3	52.984/2.0860	56.716/2.2329	1.843/.0726	24.25/.955	F820	2827A IH
		53.005/2.0868	56.738/2.2338				
<b>1T2827A</b> STD	<b>THRUST</b>			2.36/.093		F817	2827T IH
		59.000/2.3228	73.600/2.8976				
		59.250/2.3327	73.850/2.9075				

**7 Continued ... 7**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4159</b>		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159
<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

**8 Engine Year Cyl Bore x Stroke 8**

831 B4.000 1995cc Inline4 2v	04/1986 - 12/1989	L4	84.0mm x 90.0mm
834 B.000 1995cc Inline4 2v	11/1984 - 09/1988	L4	84.0mm x 90.0mm
834 B.048 1995cc Inline4 2v	03/1986 - 09/1988	L4	84.0mm x 90.0mm
834 B.146 1995cc Inline4 2v	09/1987 - 05/1992	L4	84.0mm x 90.0mm
834 B1.000 1995cc Inline4 2v	09/1988 - 05/1992	L4	84.0mm x 90.0mm
835 A2.000 1756cc Inline4 2v	09/1989 - 06/1994	L4	84.0mm x 79.2mm
835 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	84.0mm x 79.2mm
835 C2.000 1756cc Inline4 2v	06/1993 - 08/1999	L4	84.0mm x 79.2mm
835 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	84.0mm x 79.2mm
835 C5.000 1756cc Inline4 2v	08/1993 - 07/1999	L4	84.0mm x 79.2mm
836 A2.046 1756cc Inline4 2v	09/1989 - 07/1999	L4	84.0mm x 79.2mm
836 A5.000 1756cc Inline4 2v	07/1994 - 07/1999	L4	84.0mm x 79.2mm
836 A6.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	84.0mm x 79.2mm
836 C4.000 1756cc Inline4 2v	07/1994 - 08/1999	L4	84.0mm x 79.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1049A</b> STD, .25, .50		50.792/1.9997 50.805/2.0002	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	1049A IH
<b>MAINS</b>							
<b>5M2826A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
	<b>THRUST</b>						
<b>1T2827A</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>PISTON PIN BUSH</b>							
<b>RB4159</b>		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

**9 Engine Year Cyl Bore x Stroke 9**

834 B2.000 1995cc Inline4 4v	05/1988 - 08/1992	L4	84.0mm x 90.0mm
834 B2.246 1995cc Inline4 4v	02/1989 - 05/1992	L4	84.0mm x 90.0mm
835 A5.000 1995cc Inline4 2v	09/1989 - 07/1992	L4	84.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B2822A</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH
<b>CONROD</b>							
<b>4B2822P</b> STD, 010, 020		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH
<b>RACE SERIES</b>							
<b>4B2904H</b> STD, .025, .25		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH
<b>RACE SERIES</b>							
<b>4B2904HX</b> STD		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH





9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2826A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,4,5	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	20.75/.817	F820	2826A IH
	3	52.984/2.0860 53.005/2.0868	56.716/2.2329 56.738/2.2338	1.843/.0726	24.25/.955	F820	2827A IH
	<b>THRUST</b>						
<b>1T2827A</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>RB4159</b>	<b>PISTON PIN BUSH</b>						
		21.539/.8480 21.641/.8520	25.000/.9843 25.021/.9851		25.10/.988	F100	RB4159

10 Engine	Year	Cyl	Bore x Stroke	10
831 A7.000 1585cc Inline4 2v Turbo	10/1983 - 12/1986	L4	84.0mm x 71.5mm	
831 B3.000 1585cc Inline4 2v Turbo	08/1986 - 08/1988	L4	84.0mm x 71.5mm	
831 B7.046 1585cc Inline4 2v Turbo	04/1987 - 03/1989	L4	84.0mm x 71.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1022A</b> STD, .25, .50	<b>CONROD</b>	<i>This part has 2 holes.</i>					
		48.224/1.8986 48.244/1.8994	51.330/2.0209 51.346/2.0215	1.540/.0606	19.50/.768	F810	1022A IH
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b>						
	1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
	<b>MAINS</b>						
<b>5M2908H</b> STD, .025, .25	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b>						
	1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH
<b>1T2827A</b> STD	<b>THRUST</b>						
		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH
<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
					25.10/.988	F100	4RB4162
<b>RB4162</b>	<b>PISTON PIN BUSH</b>						
		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

11 Engine	Year	Cyl	Bore x Stroke	11
831 D.000 1929cc Inline4 SOHC 2v Diesel	01/1983 - 02/1992	L4	82.6mm x 90.0mm	
831 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	05/1985 - 12/1989	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2840A</b> STD, .25, .50	<b>CONROD</b>						
		50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
<b>4B2872A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F810	2872A IH
<b>4B2872P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Notch 4.57mm wide.</i>					
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.919/2.1228	1.536/.0605	19.50/.768	F780	2872 IH





11 Continued ...								11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH	
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH	
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH	
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH	
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH	
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH	
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH	
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.36/.093	F817	2827T IH	
<b>RB4157</b>	<b>PISTON PIN BUSH</b>	26.004/1.0238 26.010/1.0240	27.939/1.1000 27.972/1.1013		25.40/1.000	F100	RB4157	
<b>RB4158</b>	<b>PISTON PIN BUSH</b>	25.004/.9844 25.010/.9846	26.939/1.0606 26.972/1.0619		25.40/1.000	F100	RB4158	
<b>RB4161</b>	<b>PISTON PIN BUSH</b>	25.500/1.0039 25.640/1.0094	27.939/1.1000 27.972/1.1013		23.80/.937	F100	RB4161	

12	Engine	Year	Cyl	Bore x Stroke	12
	831 B5.000 1995cc Inline4 2v Turbo	11/1986 - 08/1988	L4	84.0mm x 90.0mm	
	831 C5.000 1995cc Inline4 2v Turbo	10/1987 - 02/1989	L4	84.0mm x 90.0mm	
	831 C5.046 1995cc Inline4 2v Turbo	12/1986 - 12/1992	L4	84.0mm x 90.0mm	
	834 C.000 1995cc Inline4 2v Turbo	11/1984 - 12/1987	L4	84.0mm x 90.0mm	
	834 C.146 1995cc Inline4 2v Turbo	07/1986 - 03/1992	L4	84.0mm x 90.0mm	
	835 A5.046 1995cc Inline4 2v	09/1989 - 07/1999	L4	84.0mm x 90.0mm	
	835 A7.000 1995cc Inline4 2v Turbo	05/1990 - 07/1994	L4	84.0mm x 90.0mm	
	835 A7.046 1995cc Inline4 2v Turbo	11/1990 - 07/1994	L4	84.0mm x 90.0mm	
	835 A8.000 1995cc Inline4 2v Turbo	11/1990 - 06/1994	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2840A</b> STD, .25, .50	<b>CONROD</b>	50.787/1.9995 50.807/2.0003	53.892/2.1217 53.910/2.1224	1.537/.0605	19.50/.768	F810	2840A IH
<b>5M2834A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.736/2.2337	1.843/.0726	20.75/.817	F810	2834A IH
	3	52.990/2.0862 53.010/2.0870	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F810	2835A IH
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	20.75/.817	F780	2908H IH
	3	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.843/.0726	24.25/.955	F780	2909H IH
<b>RACE SERIES</b> <b>5M2908HX</b> STD	<b>MAINS</b> 1,2,4,5	52.991/2.0863 53.000/2.0866	56.717/2.2329 56.735/2.2337	1.830/.0720	20.75/.817	F780	2908HX IH



12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T2827A</b> STD	<b>THRUST</b>	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T
		59.250/2.3327	73.850/2.9075				IH
<b>RB4159</b>	<b>PISTON PIN BUSH</b>	21.539/.8480	25.000/.9843		25.10/.988	F100	RB4159
		21.641/.8520	25.021/.9851				

13 Engine	Year	Cyl	Bore x Stroke	13
188 B2.000 1910cc Inline4 DOHC 2v Turbo Diesel	10/2004 - On	L4	82.0mm x 90.4mm	
937 A2.000 1910cc Inline4 SOHC 2v Turbo Diesel	05/2001 - 10/2005	L4	82.0mm x 90.4mm	
AR32302 1910cc Inline4 SOHC 2v Turbo Diesel	07/1999 - 09/2000	L4	82.0mm x 90.4mm	
AR37101 1910cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2001	L4	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
<b>4B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>5M2885A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				

14 Engine	Year	Cyl	Bore x Stroke	14
838 A3.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	82.0mm x 90.4mm	
838 A7.000 2387cc Inline5 SOHC 2v Turbo Diesel	08/1994 - 10/2001	L5	82.0mm x 90.4mm	
838 A8.000 2387cc Inline5 SOHC 2v Turbo Diesel	06/1998 - 10/2001	L5	82.0mm x 90.4mm	
839 A6.000 2387cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 10/2005	L5	82.0mm x 90.4mm	
841 C.000 2387cc Inline5 SOHC 2v Turbo Diesel	05/2002 - 07/2009	L4	82.0mm x 90.4mm	
AR32501 2387cc Inline5 SOHC 2v Turbo Diesel	07/1999 - 02/2001	L5	82.0mm x 90.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2830P</b> STD, 010, 020	<b>CONROD</b>	<i>Contains one pair only.</i>		1.537/.0605	19.50/.768	F780	2830 IH
		50.787/1.9995	53.897/2.1219				
<b>5B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995	53.897/2.1219	1.537/.0605	19.50/.768	F780	2830 IH
		50.805/2.0002	53.909/2.1224				
<b>5M2885A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393		21.70/.854	F100	RB4160
			28.972/1.1406				



15 Engine				Year	Cyl	Bore x Stroke	15
844 A1.000 1910cc Inline4 DOHC 4v Twin Turbo Diesel				01/2009 - On	L4	82.0mm x 90.4mm	
937 A5.000 1910cc Inline4 DOHC 4v Turbo Diesel				06/2003 - On	L5	82.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Contains one pair only.</i>					
<b>1B2830P</b> STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
<b>4B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
	<b>MAINS</b>	<i>Contains one pair only.</i>					
<b>1M2884A</b> STD, .25, .50		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
<b>5M2884A</b> STD, .25, .50	<b>MAINS</b>	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

16 Engine				Year	Cyl	Bore x Stroke	16
841 G.000 2387cc Inline5 DOHC 4v Turbo Diesel				05/2003 - 07/2009	L5	82.0mm x 90.4mm	
841 H.000 2387cc Inline5 DOHC 4v Turbo Diesel				06/2003 - On	L5	82.0mm x 90.4mm	
841 M.000 2387cc Inline5 DOHC 4v Turbo Diesel				09/2003 - 07/2009	L5	82.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Contains one pair only.</i>					
<b>1B2830P</b> STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
<b>5B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
	<b>MAINS</b>	<i>Contains one pair only.</i>					
<b>1M2884A</b> STD, .25, .50		59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2884A UL
<b>1T2884A</b> STD	<b>THRUST</b>	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550		2.49/.098	F817	2884T UL
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

17 Engine				Year	Cyl	Bore x Stroke	17
839 A5.000 2387cc Inline5 DOHC 4v Turbo Diesel				07/1999 - 02/2001	L5	82.0mm x 90.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Contains one pair only.</i>					
<b>1B2830P</b> STD, 010, 020		50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH
<b>5B2819P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995 50.805/2.0002	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2819 IH
<b>5B2830P</b> STD, 010, 020	<b>CONROD</b>	50.787/1.9995 50.805/2.0002	53.897/2.1219 53.909/2.1224	1.537/.0605	19.50/.768	F780	2830 IH



17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6M2885A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2885A IH
	<b>THRUST</b>	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550				
<b>RB4160</b>	<b>PISTON PIN BUSH</b>		28.939/1.1393 28.972/1.1406		21.70/.854	F100	RB4160

18 Engine				Year	Cyl	Bore x Stroke	18
838 A2.000 2446cc Inline5 4v				08/1994 - 10/2001	L5	83.0mm x 94.0mm	
838 A2.027 2446cc Inline5 4v				08/1994 - 10/2001	L4	83.0mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B2822A</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F810	2822A IH
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226				
<b>5B2822P</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>		1.534/.0604	19.50/.768	F780	2822 IH
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226				
<b>6M2885A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5,6	59.986/2.3616 60.000/2.3622	63.705/2.5081 63.718/2.5086	1.844/.0726	20.75/.817	F810	2885A IH
	<b>THRUST</b>	67.785/2.6687 68.040/2.6787	82.425/3.2451 82.677/3.2550				
<b>RB4156</b>	<b>PISTON PIN BUSH</b>	19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156

19 Engine				Year	Cyl	Bore x Stroke	19		
146 A5.046 1297cc Inline4 SOHC 2v				02/1989 - 12/1995	L4	76.0mm x 71.5mm			
156 A.000 1049cc Inline4 SOHC 2v				03/1985 - 07/1989	L4	76.0mm x 57.8mm			
156 A1.000 1049cc Inline4 SOHC 2v Turbo				03/1985 - 02/1989	L4	76.0mm x 57.8mm			
156 B.000 1301cc Inline4 SOHC 2v				11/1987 - 12/1995	L4	76.1mm x 71.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1018A</b> STD, .25, .50	<b>CONROD</b>	43.988/1.7318 44.008/1.7326	47.130/1.8555 47.142/1.8560	1.550/.0610	18.50/.728	F810	1018A IH		
<b>5M1020A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	48.189/1.8972 48.209/1.8980	51.921/2.0441 51.934/2.0446	1.841/.0725	17.65/.695	F810	1020A IH		
		3	48.189/1.8972 48.209/1.8980					51.921/2.0441 51.934/2.0446	1.841/.0725
	<b>1C3124</b> STD, UNB	<b>CAMS</b>			1.495/.0589	22.00/.866	F820	3124	
<b>2B53128</b> STD, UNB	<b>AUX</b>	38.393/1.5115 38.418/1.5125	41.500/1.6339 41.530/1.6350	1.528/.0602	14.70/.579	F820	3128		
		36.893/1.4525 36.918/1.4535	39.975/1.5738 40.000/1.5748					1.528/.0602	14.70/.579
		<b>4RB4162</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.10/.988	F100	4RB4162

**19 Continued ... 19**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480	23.939/.9425		25.10/.988	F100	RB4162
		21.641/.8520	23.972/.9438				

**20 Engine Year Cyl Bore x Stroke 20**

840 A2.000 1370cc Inline4 3v	10/1996 - 09/2003	L4	82.0mm x 64.9mm
840 A4.000 1370cc Inline4 3v	03/1996 - 09/2003	L4	82.0mm x 64.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1047A</b> STD, 010	<b>CONROD</b>	40.870/1.6091	44.000/1.7323	1.543/.0607	19.10/.752	F810	1047A IH
		40.890/1.6098	44.012/1.7328				

<b>5M1053A</b> STD, 010, 020	<b>MAINS</b> 1,2,4,5	52.982/2.0859	56.705/2.2325	1.843/.0726	20.75/.817	F810	1053A IH	
		53.000/2.0866	56.718/2.2330					
		3	52.982/2.0859	56.705/2.2325	1.838/.0724	20.75/.817	F810	1054A IH
			53.000/2.0866	56.718/2.2330				

<b>PISTON PIN BUSH</b>							
<b>RB4156</b>		19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

**21 Engine Year Cyl Bore x Stroke 21**

828 A2.000 1438cc Inline4 2v	08/1973 - 07/1976	L4	80.0mm x 71.5mm
831 A2.000 1301cc Inline4 2v	09/1979 - 08/1992	L4	86.4mm x 55.5mm
831 B.000 1301cc Inline4 2v	09/1979 - 08/1992	L4	86.4mm x 55.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1441A</b> STD, 010, 020, 030	<b>CONROD</b>	<i>3 oil holes.</i>		1.547/.0609	19.20/.756	F810	1441A IH
		45.508/1.7916	48.629/1.9145				
		45.528/1.7924	48.646/1.9152				

<b>4B1444A</b> STD, .25, .50	<b>CONROD</b>	<i>2 oil holes.</i>		1.538/.0606	19.20/.756	F810	1444A IH
		45.508/1.7916	48.629/1.9145				
		45.528/1.7924	48.646/1.9152				

<b>5M1442A</b> STD, 010, 020, 030	<b>MAINS</b> 1,2,4,5	50.749/1.9980	54.506/2.1459	1.831/.0721	20.11/.792	F820	1442AL IH	
		50.775/1.9990	54.518/2.1464					
		3	50.749/1.9980	54.506/2.1459	1.831/.0721	22.73/.895	F820	1443AL IH
			50.775/1.9990	54.518/2.1464				

<b>1T1822A</b> STD	<b>THRUST</b>	<i>No Chamfer.</i>			2.36/.093	F817	1822T IH
		56.260/2.2150	69.600/2.7402				
		56.510/2.2248	69.850/2.7500				

<b>1T2849A</b> STD	<b>THRUST</b>	<i>Chamfered. Superseded by 1T1822A.</i>			2.36/.093	F817	2849T IH
		56.610/2.2287	69.596/2.7400				
		56.864/2.2387	69.850/2.7500				

<b>3C3120</b> STD	<b>CAMS</b>	1	48.033/1.8911	51.120/2.0126	1.530/.0602	14.20/.559	F820	3120
			48.058/1.8920	50.150/1.9744				
		2	43.853/1.7265	46.920/1.8472	1.530/.0602	16.00/.630	F820	3121
			43.880/1.7276	46.950/1.8484				
		3	36.875/1.4518	39.962/1.5733	1.530/.0602	15.00/.591	F820	3122
			36.900/1.4528	39.992/1.5745				

<b>2BS3118</b> STD, UNB	<b>AUX</b>		35.036/1.3794	1.492/.0587	18.00/.709	F820	3119
			35.066/1.3805				
			38.700/1.5236	1.497/.0589	14.50/.571	F820	3118
			38.730/1.5248				

<b>PISTON PIN BUSH</b>							
<b>4RB4162</b>		<i>Set of 4.</i>			25.10/.988	F100	4RB4162





<b>21</b>	<b>Continued ...</b>							<b>21</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

<b>22</b>	<b>Engine</b>				<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>22</b>
831 B8.000 1116cc Inline4 SOHC 2v					01/1986 - 12/1990	L4	80.0mm x 55.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>3 oil holes.</i>							
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH

<b>MAINS</b>							
<b>5M1442A</b> STD, 010, 020, 030	1,2,4,5	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	20.11/.792	F820	1442AL IH
	3	50.749/1.9980 50.775/1.9990	54.506/2.1459 54.518/2.1464	1.831/.0721	22.73/.895	F820	1443AL IH

<b>THRUST</b> <i>Chamfered. Superseded by 1T1822A.</i>							
<b>1T2849A</b> STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH

<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4162</b>					25.10/.988	F100	4RB4162

<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

<b>23</b>	<b>Engine</b>				<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>23</b>
160 A1.046 1372cc Inline4 SOHC 2v					10/1994 - 08/1999	L4	80.5mm x 67.4mm	
831 A1.000 1499cc Inline4 SOHC 2v					09/1979 - 12/1992	L4	86.4mm x 63.9mm	
836 A4.000 1372cc Inline4 SOHC 2v					10/1994 - 08/1999	L4	80.5mm x 67.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>3 oil holes.</i>							
<b>4B1441A</b> STD, 010, 020, 030		45.508/1.7916 45.528/1.7924	48.629/1.9145 48.646/1.9152	1.547/.0609	19.20/.756	F810	1441A IH

<b>MAINS</b>							
<b>5M1028A</b> STD, .25, .50	1,2,4,5	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	20.25/.797	F810	1028A IH
	3	50.780/1.9992 50.800/2.0000	54.507/2.1459 54.520/2.1465	1.849/.0728	22.75/.896	F810	1029A IH

<b>THRUST</b> <i>Chamfered. Superseded by 1T1822A.</i>							
<b>1T2849A</b> STD		56.610/2.2287 56.864/2.2387	69.596/2.7400 69.850/2.7500		2.36/.093	F817	2849T IH

<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4162</b>					25.10/.988	F100	4RB4162

<b>PISTON PIN BUSH</b>							
<b>RB4162</b>		21.539/.8480 21.641/.8520	23.939/.9425 23.972/.9438		25.10/.988	F100	RB4162

24	Engine	Year	Cyl	Bore x Stroke	24
	A112 A.000 903cc Inline4 2v	03/1981 - 06/1986	L4	65.0mm x 68.0mm	
	A112 A5.000 903cc Inline4 2v	03/1981 - 06/1986	L4	65.0mm x 68.0mm	
	A112 B1.000 965cc Inline4 2v	03/1984 - 12/1986	L4	67.2mm x 68.0mm	
	A112 B2.000 903cc Inline4 2v	03/1981 - 06/1986	L4	65.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2806A</b> STD, .25, .50	<b>CONROD</b>	39.985/1.5742	43.657/1.7188	1.813/.0714	16.55/.652	F810	2806A IH
		40.005/1.5750	43.670/1.7193				
<b>3M2807A</b> STD, .25, .50	<b>MAINS</b>	1,3	50.790/1.9996	54.508/2.1460	1.837/.0723	F810	2807A IH
			50.808/2.0003	54.521/2.1465			
		2	50.790/1.9996	54.508/2.1460	1.837/.0723	22.78/.897	F810
	<b>THRUST</b>	54.610/2.1500	69.596/2.7400		2.36/.093	F817	2712T IH
		54.864/2.1600	69.850/2.7500				

25	Engine	Year	Cyl	Bore x Stroke	25
	156 A2.000 999cc Inline4 SOHC 2v	03/1985 - 02/1990	L4	70.0mm x 64.9mm	
	156 A2.048 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	70.0mm x 64.9mm	
	156 A2.100 999cc Inline4 SOHC 2v	06/1985 - 06/1991	L4	70.0mm x 64.9mm	
	156 A2.146 999cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	70.0mm x 64.9mm	
	156 A2.246 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	70.0mm x 64.9mm	
	156 A2.256 999cc Inline4 SOHC 2v	10/1987 - 02/1992	L4	70.0mm x 64.9mm	
	156 C.000 1108cc Inline4 SOHC 2v	08/1989 - 06/1992	L4	70.0mm x 72.0mm	
	156 C.046 1108cc Inline4 SOHC 2v	07/1989 - 12/1995	L4	70.0mm x 72.0mm	
	176 B2.000 1108cc Inline4 SOHC 2v	01/1995 - 09/2003	L4	70.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B3034A</b> STD, .25, .50	<b>CONROD</b>	37.998/1.4960	41.128/1.6192	1.549/.0610	19.00/.748	F810	3034A IH	
		38.008/1.4964	41.140/1.6197					
<b>5M3036A</b> STD, .25, .50	<b>MAINS</b>	<i>Set includes 2 thrustwashers.</i>		1.841/.0725	19.00/.748	F810	3036A IH	
		1,2,3,4,5	43.990/1.7319					47.705/1.8781
		3	44.000/1.7323					47.718/1.8787
<b>5M3037A</b> STD, .25, .50	<b>MAINS</b>	1,2,3,4,5	48.000/1.8898	63.800/2.5118	2.33/.092	F817	3036T UL	
			48.100/1.8937	64.000/2.5197				
		1,2,4,5	43.990/1.7319	47.705/1.8781	1.848/.0728	19.00/.748	F810	3037A L
			44.000/1.7323	47.718/1.8787				
			43.990/1.7319	47.705/1.8781				
3	44.000/1.7323	47.718/1.8787	1.848/.0728	23.91/.941	F810	3039A(F) U		

26	Engine	Year	Cyl	Bore x Stroke	26
	176 B9.000 1242cc Inline4 DOHC 4v	04/1997 - 09/2003	L4	70.8mm x 78.9mm	
	188 A4.000 1242cc Inline4 SOHC 2v	03/1996 - 12/2011	L4	70.8mm x 78.9mm	
	188 A5.000 1242cc Inline4 SOHC 2v	10/2000 - 12/2011	L4	70.8mm x 78.9mm	
	192 B2.000 1368cc Inline4 DOHC 4v	10/2007 - On	L4	72.0mm x 84.0mm	
	350 A1.000 1368cc Inline4	09/2005 - On	L4	72.0mm x 84.0mm	
	840 A3.000 1242cc Inline4 SOHC 2v	03/1996 - 09/2003	L4	70.8mm x 78.9mm	
	843 A1.000 1368cc Inline4 DOHC 4v	10/2003 - On	L4	72.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B3040A</b> STD, .25, .50	<b>CONROD</b>	41.988/1.6531	45.127/1.7767	1.548/.0609	19.00/.748	F810	3040A IH
		42.008/1.6539	45.140/1.7772				





26 Continued ...							26	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M3041A</b> STD, .25, .50	<b>MAINS</b>	<i>Set includes 2 thrustwashers.</i>						
	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U	
	3	52.000/2.0472 52.200/2.0551	68.766/2.7073 69.020/2.7173					2.33/.092
	<b>5M3044A</b> STD, .25, .50	<b>MAINS</b>	<i>Has flanged thrust bearing.</i>					
		1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	19.00/.748	F810	3041A L
1,2,4,5		47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U	
3		47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	23.95/.943	F810	3044A U	
<b>5M3045A</b> STD, .25, .50		<b>MAINS</b>	<i>Overwidth flange version of 5M3044A. Flange size is Std + .010"</i>					
	1,2,3,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	19.00/.748	F810	3041A L	
	1,2,4,5	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.841/.0725	19.00/.748	F810	3041A U	
	3	47.980/1.8890 48.000/1.8898	51.705/2.0356 51.718/2.0361	1.848/.0728	24.20/.953	F810	3045A U	

27 Engine	Year	Cyl	Bore x Stroke	27
182 A2.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	82.0mm x 82.7mm	
183 A1.000 1747cc Inline4 DOHC 4v	03/1996 - 08/1999	L4	82.0mm x 82.7mm	
839 A4.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	82.0mm x 82.7mm	
839 A7.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	82.0mm x 82.7mm	
839 A9.000 1747cc Inline4 DOHC 4v	07/1999 - 10/2005	L4	82.0mm x 82.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2822A</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>						
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F810	2822A IH	
<b>4B2822P</b> STD, 010, 020	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>						
		50.787/1.9995 50.807/2.0003	53.901/2.1221 53.913/2.1226	1.534/.0604	19.50/.768	F780	2822 IH	
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	<b>CONROD</b>	<i>Notch 4.37mm wide.</i>						
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.536/.0605	19.50/.768	F781	2904H IH	
<b>RACE SERIES</b> <b>4B2904HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>						
		50.787/1.9995 50.807/2.0003	53.897/2.1219 53.913/2.1226	1.523/.0600	19.50/.768	F781	2904HX IH	
<b>5M1053A</b> STD, 010, 020	<b>MAINS</b>	<i>Notch 4.37mm wide.</i>						
		1,2,4,5	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.843/.0726	20.75/.817	F810	1053A IH
		3	52.982/2.0859 53.000/2.0866	56.705/2.2325 56.718/2.2330	1.838/.0724	20.75/.817	F810	1054A IH
<b>RB4156</b>	<b>PISTON PIN BUSH</b>	<i>Notch 4.37mm wide.</i>						
		19.993/.7871 20.000/.7874	22.939/.9031 22.972/.9044		21.70/.854	F100	RB4156	

28	Engine	Year	Cyl	Bore x Stroke	28
	175 A3.000 1998cc Inline5 SOHC 2v Turbo	06/1998 - 10/2001	L5	82.0mm x 75.7mm	
	182 B7.000 1998cc Inline5 DOHC 4v	07/1999 - 09/2000	L5	82.0mm x 75.7mm	
	185 A8.000 1998cc Inline5 DOHC 4v	09/2000 - 10/2005	L5	82.0mm x 75.7mm	
	838 A1.000 1998cc Inline5 DOHC 4v	10/1994 - 10/2001	L5	82.0mm x 75.7mm	
	838 A6.000 1998cc Inline5 DOHC 4v	07/1996 - 10/2001	L5	82.0mm x 75.7mm	
	841 E.000 1998cc Inline5 DOHC 4v Turbo	07/2002 - 07/2009	L5	82.0mm x 75.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1048A</b> STD, 010	CONROD	48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F810	1048A IH
		48.244/1.8994	51.366/2.0223				
<b>5B1048P</b> STD, 010	CONROD	48.226/1.8987	51.354/2.0218	1.543/.0607	19.10/.752	F780	1048 IH
		48.244/1.8994	51.366/2.0223				
<b>6M2885A</b> STD, .25, .50	MAINS 1,2,3,4,5,6	59.986/2.3616	63.705/2.5081	1.844/.0726	20.75/.817	F810	2885A IH
		60.000/2.3622	63.718/2.5086				
<b>1T2884A</b> STD	THRUST	67.785/2.6687	82.425/3.2451		2.49/.098	F817	2884T UL
		68.040/2.6787	82.677/3.2550				
<b>RB4156</b>	PISTON PIN BUSH	19.993/.7871	22.939/.9031		21.70/.854	F100	RB4156
		20.000/.7874	22.972/.9044				

29	Engine	Year	Cyl	Bore x Stroke	29
	160 D1.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	82.6mm x 90.0mm	
	835 A4.000 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 08/1999	L4	82.6mm x 90.0mm	
	835 A4.046 1929cc Inline4 SOHC 2v Turbo Diesel	04/1989 - 07/1999	L4	82.6mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2872A</b> STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>		1.536/.0605	19.50/.768	F810	2872A IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.919/2.1228				
<b>4B2872P</b> STD, .25, .50, .75	CONROD	<i>Notch 4.57mm wide.</i>		1.536/.0605	19.50/.768	F780	2872 IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.919/2.1228				
<b>RACE SERIES</b> <b>4B2904H</b> STD, .025, .25	CONROD	50.787/1.9995	53.897/2.1219	1.536/.0605	19.50/.768	F781	2904H IH
		50.807/2.0003	53.913/2.1226				
<b>RACE SERIES</b> <b>4B2904HX</b> STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.523/.0600	19.50/.768	F781	2904HX IH
		50.787/1.9995	53.897/2.1219				
		50.807/2.0003	53.913/2.1226				
<b>5M2834A</b> STD, .25, .50	MAINS 1,2,4,5	52.990/2.0862	56.717/2.2329	1.843/.0726	20.75/.817	F810	2834A IH
		53.010/2.0870	56.736/2.2337				
		3	52.990/2.0862				
		53.010/2.0870	56.735/2.2337				
<b>RACE SERIES</b> <b>5M2908H</b> STD, .025, .25	MAINS 1,2,4,5	52.991/2.0863	56.717/2.2329	1.843/.0726	20.75/.817	F780	2908H IH
		53.000/2.0866	56.735/2.2337				
		3	52.991/2.0863				
		53.000/2.0866	56.735/2.2337				
<b>RACE SERIES</b> <b>5M2908HX</b> STD	MAINS 1,2,4,5	52.991/2.0863	56.717/2.2329	1.830/.0720	20.75/.817	F780	2908HX IH
		53.000/2.0866	56.735/2.2337				
<b>1T2827A</b> STD	THRUST	59.000/2.3228	73.600/2.8976		2.36/.093	F817	2827T IH
		59.250/2.3327	73.850/2.9075				



29		Continued ...						29
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RB4157</b>	<b>PISTON PIN BUSH</b>	26.004/1.0238	27.939/1.1000		25.40/1.000	F100	RB4157	
		26.010/1.0240	27.972/1.1013					
<b>RB4158</b>	<b>PISTON PIN BUSH</b>	25.004/.9844	26.939/1.0606		25.40/1.000	F100	RB4158	
		25.010/.9846	26.972/1.0619					
<b>RB4161</b>	<b>PISTON PIN BUSH</b>	25.500/1.0039	27.939/1.1000		23.80/.937	F100	RB4161	
		25.640/1.0094	27.972/1.1013					



# Land Rover



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
18 K4F 1796cc Inline4 DOHC 4v	02/1998 - 10/2006	L4	1796	109	3
M47 1951cc Inline 4 DOHC 4v Turbo Diesel	11/2001 - 10/2006	L4	1951	119	10
20 T2N 1994cc SOHC 2v Turbo Diesel	02/1998 - 10/2006	L4	1994	121	11
10J 2286cc Inline4 OHV Diesel	01/1962 - 12/1984	L4	2286	139	8
2286cc Inline4 OHV 2v	01/1958 - 12/1985	L4	2286	139	7
12J 2495cc Inline4 OHV 2v Diesel	01/1984 - 09/2001	L4	2495	152	1
17H 2495cc Inline4 OHV 2v	01/1985 - 12/1994	L4	2495	152	2
19J 2495cc Inline4 OHV 2v Turbo Diesel	01/1986 - 12/1990	L4	2495	152	1
200TDi (11L,12L) 2495cc Inline4 OHV 2v Turbo Diesel	07/1989 - 12/1998	L4	2495	152	6
300TDi (16L,23L) 2495cc Inline4 OHV 2v Turbo Diesel	04/1994 - 12/1998	L4	2495	152	6
Td5 (15P/16P) 2495cc Inline5 SOHC 2v Turbo Diesel	01/1998 - 12/2007	L5	2495	152	9
11D 3528cc V8 OHV 2v	07/1970 - 08/1993	V8	3528	215	4
22D 3528cc V8 OHV 2v	10/1989 - 06/1994	V8	3528	215	4
24D,25D 3528cc V8 OHV 2v	10/1985 - 09/1990	V8	3528	215	4
31D 3528cc V8 OHV 2v	01/1987 - 09/1990	V8	3528	215	4
35D,36D 3947cc V8 OHV 2v	11/1988 - 10/1998	V8	3947	240	4
37D,38D 3947cc V8 OHV 2v	11/1988 - 07/1994	V8	3947	240	4
42D 3947cc V8 OHV 2v	07/1994 - 03/2002	V8	3947	240	5
40D 4275cc V8 OHV 2v	09/1992 - 07/1994	V8	4275	260	5
46D 4553cc V8 OHV 2v	07/1994 - 03/2002	V8	4553	277	5



1 Engine		Year	Cyl	Bore x Stroke	1		
12J 2495cc Inline4 OHV 2v Diesel		01/1984 - 09/2001	L4	90.5mm x 97.0mm			
19J 2495cc Inline4 OHV 2v Turbo Diesel		01/1986 - 12/1990	L4	90.5mm x 97.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2690A</b> STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F810	2690A
		58.744/2.3128	62.446/2.4585				IH
<b>4B2690P</b> STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2690
		58.744/2.3128	62.446/2.4585				IH
<b>MAINS</b>							
<i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>							
<b>5M2694P</b> STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995	67.704/2.6655	2.098/.0826	24.56/.967	F780	2694
		63.500/2.5000	67.716/2.6660				IH
	5	63.487/2.4995	67.704/2.6655	2.098/.0826	35.13/1.383	F780	2695
		63.500/2.5000	67.716/2.6660				IH
<b>MAINS</b>							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
<b>5M2698A</b> STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F810	2714A
		67.716/2.6660	63.500/2.5000				UL
		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F810	2699A
		63.500/2.5000	67.716/2.6660				UL
<b>MAINS</b>							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
<b>5M2698P</b> STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F780	2699
		63.500/2.5000	67.716/2.6660				UL
		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F780	2714
		67.716/2.6660	63.500/2.5000				UL
<b>THRUST</b>							
<b>1T1542</b> STD		70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T
		70.990/2.7949	85.850/3.3799				IH
<b>CAMS</b>							
<b>4C3172</b> STD	1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172
		46.787/1.8420	50.013/1.9690				
	2,3,4	46.761/1.8410	49.987/1.9680	1.593/.0627	19.05/.750	F23	3173
		46.787/1.8420	50.013/1.9690				
<b>PISTON PIN BUSH</b>							
<b>RB4036</b> UNB		30.157/1.1873	34.130/1.3437		32.54/1.281	F100	RB4036
		30.163/1.1875	34.155/1.3447				

2 Engine		Year	Cyl	Bore x Stroke	2		
17H 2495cc Inline4 OHV 2v		01/1985 - 12/1994	L4	90.5mm x 97.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2690A</b> STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F810	2690A
		58.744/2.3128	62.446/2.4585				IH
<b>4B2690P</b> STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2690
		58.744/2.3128	62.446/2.4585				IH
<b>MAINS</b>							
<i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>							
<b>5M2694P</b> STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995	67.704/2.6655	2.098/.0826	24.56/.967	F780	2694
		63.500/2.5000	67.716/2.6660				IH
	5	63.487/2.4995	67.704/2.6655	2.098/.0826	35.13/1.383	F780	2695
		63.500/2.5000	67.716/2.6660				IH
<b>MAINS</b>							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
<b>5M2698A</b> STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F810	2699A
		63.500/2.5000	67.716/2.6660				UL
		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F810	2714A
		67.716/2.6660	63.500/2.5000				UL
<b>MAINS</b>							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
<b>5M2698P</b> STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F780	2699
		63.500/2.5000	67.716/2.6660				UL

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2 Continued ...							2	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M2698P</b> STD, 010, 020, 030, 040	<b>THRUST</b>	63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F780	2714 UL	
		67.716/2.6660	63.500/2.5000					
<b>1T1542</b> STD	<b>THRUST</b>	70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T IH	
		70.990/2.7949	85.850/3.3799					
<b>4C3172</b> STD	<b>CAMS</b>	1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172
			46.787/1.8420	50.013/1.9690				
	2,3,4		46.761/1.8410	49.987/1.9680	1.593/.0627	19.05/.750	F23	3173
			46.787/1.8420	50.013/1.9690				
<b>RB883</b>	<b>PISTON PIN BUSH</b>	25.387/.9995	28.575/1.1250	1.730/.0681	33.27/1.310	F100	RB883	
		25.400/1.0000	28.600/1.1260					

3 Engine				Year	Cyl	Bore x Stroke	3	
18 K4F 1796cc Inline4 DOHC 4v				02/1998 - 10/2006	L4	80.0mm x 89.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B9921A</b> STD, .25	<b>CONROD</b>	47.986/1.8892	51.659/2.0338	1.824/.0718	18.30/.721	F810	9921A IH	
		48.006/1.8900	51.684/2.0348					
<b>5M9922A</b> STD, .25	<b>MAINS</b>	1,3,5	47.993/1.8895	51.579/2.0307	1.789/.0704	17.45/.687	F810	9922A UL
			48.000/1.8898	51.600/2.0315				
			2,4	47.993/1.8895				
48.000/1.8898	51.600/2.0315							
<b>1T9922</b> STD	<b>THRUST</b>	56.800/2.2362	73.300/2.8858		2.40/.095	F817	9922T IH	
		57.050/2.2461	73.550/2.8957					

4 Engine				Year	Cyl	Bore x Stroke	4			
11D 3528cc V8 OHV 2v				07/1970 - 08/1993	V8	88.9mm x 71.1mm				
22D 3528cc V8 OHV 2v				10/1989 - 06/1994	V8	88.9mm x 71.1mm				
24D,25D 3528cc V8 OHV 2v				10/1985 - 09/1990	V8	88.9mm x 71.1mm				
31D 3528cc V8 OHV 2v				01/1987 - 09/1990	V8	88.9mm x 71.1mm				
35D,36D 3947cc V8 OHV 2v				11/1988 - 10/1998	V8	94.0mm x 71.1mm				
37D,38D 3947cc V8 OHV 2v				11/1988 - 07/1994	V8	94.0mm x 71.1mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
<b>8B610A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH			
		50.813/2.0005	53.980/2.1252							
<b>5M2217A</b> STD, 010	<b>MAINS</b>	1,2,4,5	<i>Overwidth flanges on undersizes: Std=Std, 010"=Std+010".</i>					F820	2217AL UL	
			58.400/2.2992	63.274/2.4911	2.426/.0955	20.50/.807	F820			2218AL(F) UL
			58.412/2.2997	63.287/2.4916						
			3	58.400/2.2992	63.274/2.4911	2.426/.0955	26.87/1.058			F820
58.412/2.2997	63.287/2.4916									
<b>5C4326</b> STD	<b>CAMS</b>	1	45.339/1.7850	48.654/1.9155	1.633/.0643	19.30/.760	F23	4326		
			45.364/1.7860	48.704/1.9175						
		2	44.577/1.7550	47.892/1.8855	1.633/.0643	19.30/.760	F23	4327		
			44.602/1.7560	47.942/1.8875						
		3	43.815/1.7250	47.130/1.8555	1.633/.0643	19.30/.760	F23	4328		
			43.840/1.7260	47.180/1.8575						
		4	43.053/1.6950	46.368/1.8255	1.633/.0643	19.30/.760	F23	4329		
			43.078/1.6960	46.418/1.8275						
		5	42.291/1.6650	45.606/1.7955	1.633/.0643	19.30/.760	F23	4320		
			42.316/1.6660	45.656/1.7975						





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5	Engine	Year	Cyl	Bore x Stroke	5
	40D 4275cc V8 OHV 2v	09/1992 - 07/1994	V8	94.0mm x 77.0mm	
	42D 3947cc V8 OHV 2v	07/1994 - 03/2002	V8	94.0mm x 71.1mm	
	46D 4553cc V8 OHV 2v	07/1994 - 03/2002	V8	94.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B9965P</b> STD, .25, .50		58.793/2.3147		1.580/.0622	17.60/.693	F780	9965 IH
		55.513/2.1855					
<b>MAINS</b>							
<b>5M9966A</b> STD, .25		63.487/2.4995	67.704/2.6655	2.080/.0819	20.53/.808	F810	9966A UL
		63.500/2.5000	67.716/2.6660				
		63.487/2.4995	67.704/2.6655	2.080/.0819	26.80/1.055	F810	9967A(F) U
		63.500/2.5000	67.716/2.6660				

6	Engine	Year	Cyl	Bore x Stroke	6
	200TDi (11L,12L) 2495cc Inline4 OHV 2v Turbo Diesel	07/1989 - 12/1998	L4	90.5mm x 97.0mm	
	300TDi (16L,23L) 2495cc Inline4 OHV 2v Turbo Diesel	04/1994 - 12/1998	L4	90.5mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2690A</b> STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F810	2690A IH
		58.744/2.3128	62.446/2.4585				
<b>CONROD</b>							
<b>4B2690P</b> STD, 010, 020, 030, 040		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2690 IH
		58.744/2.3128	62.446/2.4585				
<b>MAINS</b>							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
<b>5M2698A</b> STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F810	2699A UL
		63.500/2.5000	67.716/2.6660				
		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F810	2714A UL
		67.716/2.6660	63.500/2.5000				
<b>MAINS</b>							
<i>Half groove version, two 7mm oil holes in upper half.</i>							
<b>5M2698P</b> STD, 010, 020, 030, 040		63.487/2.4995	67.704/2.6655	2.080/.0819	24.40/.961	F780	2699 UL
		63.500/2.5000	67.716/2.6660				
		63.487/2.4995	67.704/2.6655	2.080/.0819	35.00/1.378	F780	2714 UL
		67.716/2.6660	63.500/2.5000				
<b>THRUST</b>							
<b>1T1542</b> STD		70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T IH
		70.990/2.7949	85.850/3.3799				
<b>CAMS</b>							
<b>4C3172</b> STD	1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172
		46.787/1.8420	50.013/1.9690				
	2,3,4	46.761/1.8410	49.987/1.9680	1.593/.0627	19.05/.750	F23	3173
		46.787/1.8420	50.013/1.9690				
<b>PISTON PIN BUSH</b>							
<b>RB4036</b> UNB		30.157/1.1873	34.130/1.3437		32.54/1.281	F100	RB4036
		30.163/1.1875	34.155/1.3447				

7	Engine	Year	Cyl	Bore x Stroke	7
	2286cc Inline4 OHV 2v	01/1958 - 12/1985	L4	90.5mm x 88.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2691P</b> STD, 010, 020, 030, 040, 050,		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2691 IH
		58.744/2.3128	62.446/2.4585				
<b>MAINS</b>							
<i>Use with 3 main bearing crankshaft.</i>							
<b>3M2692P</b> STD, 010, 020, 030, 040, 050,	1,2	63.487/2.4995	67.704/2.6655	2.098/.0826	25.57/1.007	F780	2692 IH
		63.500/2.5000	67.716/2.6660				
	3	63.487/2.4995	67.704/2.6655	2.098/.0826	39.88/1.570	F780	2693 UL
		63.500/2.5000	67.716/2.6660				

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7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>							
<b>5M2694P</b> STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	24.56/.967	F780	2694 IH
	5	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	35.13/1.383	F780	2695 IH
<b>THRUST</b>							
<b>1T1542</b> STD		70.740/2.7850 70.990/2.7949	85.600/3.3701 85.850/3.3799		2.36/.093	F250	1542T IH
	<b>CAMS</b>						
<b>4C3172</b> STD	1	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	24.59/.968	F23	3172
	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173
<b>PISTON PIN BUSH</b>							
<b>RB883</b>		25.387/9.995 25.400/1.0000	28.575/1.1250 28.600/1.1260	1.730/.0681	33.27/1.310	F100	RB883

8 Engine				Year	Cyl	Bore x Stroke	8
10J 2286cc Inline4 OHV Diesel				01/1962 - 12/1984	L4	90.5mm x 88.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2691P</b> STD, 010, 020, 030, 040, 050,		58.725/2.3120 58.744/2.3128	62.433/2.4580 62.446/2.4585	1.835/.0722	25.06/.987	F780	2691 IH
	<b>MAINS</b> <i>Use with 3 main bearing crankshaft.</i>						
<b>3M2692P</b> STD, 010, 020, 030, 040, 050,	1,2	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	25.57/1.007	F780	2692 IH
	3	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	39.88/1.570	F780	2693 UL
<b>MAINS</b> <i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>							
<b>5M2694P</b> STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	24.56/.967	F780	2694 IH
	5	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.098/.0826	35.13/1.383	F780	2695 IH
<b>THRUST</b>							
<b>1T1542</b> STD		70.740/2.7850 70.990/2.7949	85.600/3.3701 85.850/3.3799		2.36/.093	F250	1542T IH
	<b>CAMS</b>						
<b>4C3172</b> STD	1	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	24.59/.968	F23	3172
	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173
<b>PISTON PIN BUSH</b>							
<b>RB4036</b> UNB		30.157/1.1873 30.163/1.1875	34.130/1.3437 34.155/1.3447		32.54/1.281	F100	RB4036

9 Engine				Year	Cyl	Bore x Stroke	9
Td5 (15P/16P) 2495cc Inline5 SOHC 2v Turbo Diesel				01/1998 - 12/2007	L5	84.5mm x 88.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have no notch.</i>							
<b>5B9950P</b> STD, .25, .50, .75, 1.00, 1.25		53.990/2.1256 54.010/2.1264	57.683/2.2710 57.696/2.2715	1.825/.0719	20.80/.819	F780	9950 IH
	<b>MAINS</b> <i>Bearings have no notches.</i>						
<b>6M9952A</b> STD, .25, .50, .75, 1.00		61.990/2.4405 62.010/2.4413	65.800/2.5905 65.816/2.5912	1.880/.0740	17.75/.699	F810	9952A UL
	<b>THRUST</b>						
<b>2T9952</b> STD		66.970/2.6366 67.220/2.6465	84.250/3.3169 84.500/3.3268		2.80/.110	F817	9952T IH





# Land Rover

10	Engine	Year	Cyl	Bore x Stroke	10		
	M47 1951cc Inline 4 DOHC 4v Turbo Diesel	11/2001 - 10/2006	L4	84.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Upper half only is Race plate</i>					
<b>4B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
	<b>CONROD</b>						
<b>4B1579P</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
	<b>MAINS</b>	<i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>					
<b>5M1532A</b> STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				IH
	<b>MAINS</b>	<i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>					
<b>5M1532P</b> STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				IH
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	4RB4148
		30.000/1.1811	32.025/1.2608				
	<b>PISTON PIN BUSH</b>						
<b>RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				

11	Engine	Year	Cyl	Bore x Stroke	11		
	20 T2N 1994cc SOHC 2v Turbo Diesel	02/1998 - 10/2006	L4	84.5mm x 88.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Bearing does not have notch. 20.8mm wide.</i>					
<b>4B9950P</b> STD, .25, .50, .75, 1.00		53.990/2.1256	57.683/2.2710	1.825/.0719	20.80/.819	F780	9950
		54.010/2.1264	57.696/2.2715				IH
	<b>MAINS</b>						
<b>5M9953A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.990/2.2437	60.703/2.3899	1.835/.0722	22.60/.890	F810	9953A
		57.010/2.2445	60.719/2.3905				UL
	<b>THRUST</b>						
<b>2T9952</b> STD		66.970/2.6366	84.250/3.3169		2.80/.110	F817	9952T
		67.220/2.6465	84.500/3.3268				IH

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
A Series 848cc Inline4 OHV 2v	01/1959 - 12/1980	L4	848	51	14
BM7 848cc Inline4 OHV 2v	01/1959 - 12/1975	L4	848	51	5
A Series 948cc Inline4 OHV 2v	01/1957 - 12/1975	L4	948	57	5
APJM 948cc Inline4 OHV 2v	01/1961 - 12/1963	L4	948	57	5
A Series 970cc Inline4 OHV 2v	01/1963 - On	L4	970	59	15
A Series 997cc Inline4 OHV 2v	01/1961 - 05/1965	L4	997	60	11
A Series 998cc Inline4 OHV 2v	01/1961 - 12/1992	L4	998	60	16
A Series 1071cc Inline4 OHV 2v	01/1963 - 12/1974	L4	1071	65	15
A Series 1098cc Inline4 OHV 2v	01/1961 - 12/1981	L4	1098	67	12
B Series 1200cc Inline4 OHV 2v	01/1954 - 12/1965	L4	1200	73	8
12YD 1275cc Inline4 OHV 2v	01/1964 - 06/1969	L4	1275	77	15
12YE 1275cc Inline4 OHV 2v	01/1967 - 12/1982	L4	1275	77	13
A Series 1275cc Inline4 OHV 2v	01/1964 - On	L4	1275	77	9
A Series 1275cc Inline4 OHV 3v	10/1967 - 12/1982	L4	1275	77	13
E Series 1485cc Inline4 OHV 2v	01/1969 - 12/1983	L4	1485	90	6
B Series 1489cc Inline4 OHV 2v	01/1954 - 12/1964	L4	1489	90	8
B Series 1622cc Inline4 OHV 2v	01/1959 - 12/1978	L4	1622	98	17
1670cc Inline4 OHV 2v	01/1964 - 12/1966	L4	1670	101	20
B Series 1798cc Inline4 OHV 2v	01/1962 - 12/1978	L4	1798	109	4
2138cc Inline4 OHV 2v	01/1962 - On	L4	2138	130	20
E Series 2227cc Inline6 SOHC 2v	01/1970 - 12/1974	L6	2227	135	7
E Series 2623cc Inline6 OHV 2v	01/1971 - 12/1975	L6	2623	160	7
34T 3400cc Inline4 OHV 2v Diesel	01/1966 - On	L4	3400	207	18
38T 3770cc Inline4 OHV 2v Diesel	01/1966 - On	L4	3770	230	18
4/98 3770cc Inline4 OHV 2v Diesel	01/1973 - On	L4	3770	230	18
4416cc V8 OHV 2v	06/1973 - 12/1980	V8	4416	269	19
51UD 5103cc Inline6 OHV 2v Diesel	01/1966 - On	L6	5103	311	10
6/98 5650cc Inline6 OHV 2v	01/1966 - On	L6	5650	344	10
6/98 5650cc Inline6 OHV 2v Diesel	01/1973 - On	L6	5650	344	10
57VD 5655cc Inline6 OHV 2v Diesel	01/1966 - On	L6	5655	345	10
350 5760cc Inline6 OHV 2v Diesel	01/1953 - 12/1960	L6	5760	351	21
370 6068cc Inline6 OHV 2v Diesel	01/1960 - On	L6	6068	370	2
UE370 6075cc Inline6 OHV 2v Diesel	01/1960 - On	L6	6075	370	2
375 6170cc Inline6 OHV 2v Diesel	01/1958 - 12/1973	L6	6170	376	21
400 6540cc Inline6 OHV 2v Diesel	01/1960 - 12/1977	L6	6540	399	3
401 6540cc Inline6 OHV 2v Turbo Diesel	05/1968 - 12/1982	L6	6540	399	1
402 6540cc Inline6 OHV 2v Turbo Diesel	06/1979 - 01/1984	L6	6540	399	1
410 6540cc Inline6 OHV 2v Turbo Diesel	01/1972 - 12/1979	L6	6540	399	1
411/420 6540cc Inline6 OHV 2v Turbo Diesel	11/1979 - 12/1982	L6	6540	399	1



1	Engine	Year	Cyl	Bore x Stroke	1
	401 6540cc Inline6 OHV 2v Turbo Diesel	05/1968 - 12/1982	L6	107.2mm x 120.7mm	
	402 6540cc Inline6 OHV 2v Turbo Diesel	06/1979 - 01/1984	L6	107.2mm x 120.7mm	
	410 6540cc Inline6 OHV 2v Turbo Diesel	01/1972 - 12/1979	L6	107.2mm x 120.7mm	
	411/420 6540cc Inline6 OHV 2v Turbo Diesel	11/1979 - 12/1982	L6	107.2mm x 120.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2771P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771 IH
		60.973/2.4005	64.605/2.5435				
<b>6B5500A</b> STD, 010, 020	<b>CONROD</b>	60.955/2.3998	64.592/2.5430	1.791/.0705	34.79/1.370	F820	5500AL IH
		60.973/2.4005	64.605/2.5435				
<b>7M2784</b> STD, 010, 020, 030, 040, 060	<b>MAINS</b> 1,4,7	88.882/3.4993	93.040/3.6630	2.040/.0803	40.64/1.600	F780	2784 IH
		88.900/3.5000	93.066/3.6640				
	2,3,5,6	88.882/3.4993	93.040/3.6630	2.040/.0803	27.43/1.080	F780	2785 IH
		88.900/3.5000	93.066/3.6640				
<b>2T2784</b> STD	<b>THRUST</b>	91.950/3.6201	111.460/4.3882		2.36/.093	F250	2784T UL
		92.200/3.6299	111.710/4.3980				

2	Engine	Year	Cyl	Bore x Stroke	2
	370 6068cc Inline6 OHV 2v Diesel	01/1960 - On	L6	103.4mm x 120.7mm	
	UE370 6075cc Inline6 OHV 2v Diesel	01/1960 - On	L6	103.4mm x 120.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2771P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771 IH
		60.973/2.4005	64.605/2.5435				
<b>7M2784</b> STD, 010, 020, 030, 040, 060	<b>MAINS</b> 1,4,7	88.882/3.4993	93.040/3.6630	2.040/.0803	40.64/1.600	F780	2784 IH
		88.900/3.5000	93.066/3.6640				
	2,3,5,6	88.882/3.4993	93.040/3.6630	2.040/.0803	27.43/1.080	F780	2785 IH
		88.900/3.5000	93.066/3.6640				
<b>2T2784</b> STD	<b>THRUST</b>	91.950/3.6201	111.460/4.3882		2.36/.093	F250	2784T UL
		92.200/3.6299	111.710/4.3980				
<b>RB4011</b> UNB	<b>PISTON PIN BUSH</b>	33.012/1.2997	36.881/1.4520	2.110/.0831	35.81/1.410	F100	RB4011
		33.020/1.3000	36.906/1.4530				

3	Engine	Year	Cyl	Bore x Stroke	3
	400 6540cc Inline6 OHV 2v Diesel	01/1960 - 12/1977	L6	107.2mm x 120.7mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2771P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771 IH
		60.973/2.4005	64.605/2.5435				
<b>6B5500A</b> STD, 010, 020	<b>CONROD</b>	60.955/2.3998	64.592/2.5430	1.791/.0705	34.79/1.370	F820	5500AL IH
		60.973/2.4005	64.605/2.5435				
<b>7M2784</b> STD, 010, 020, 030, 040, 060	<b>MAINS</b> 1,4,7	88.882/3.4993	93.040/3.6630	2.040/.0803	40.64/1.600	F780	2784 IH
		88.900/3.5000	93.066/3.6640				
	2,3,5,6	88.882/3.4993	93.040/3.6630	2.040/.0803	27.43/1.080	F780	2785 IH
		88.900/3.5000	93.066/3.6640				
<b>2T2784</b> STD	<b>THRUST</b>	91.950/3.6201	111.460/4.3882		2.36/.093	F250	2784T UL
		92.200/3.6299	111.710/4.3980				





**3 Continued ... 3**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4011</b> UNB		33.012/1.2997 33.020/1.3000	36.881/1.4520 36.906/1.4530	2.110/.0831	35.81/1.410	F100	RB4011

**4 Engine 4**

Engine			Year	Cyl	Bore x Stroke		
B Series 1798cc Inline4 OHV 2v			01/1962 - 12/1978	L4	80.3mm x 88.9mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1891P</b> STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	25.53/1.005	F780	1891 IH
<b>CONROD</b>							
<b>4B2250</b> STD, 010, 020, 030, 040		47.648/1.8759 47.660/1.8764	51.333/2.0210 51.346/2.0215	1.816/.0715	20.06/.790	F780	2250 IH
<b>MAINS</b>							
<b>3M2254A</b> STD, 010, 020, 030, 040	1,2,3	54.013/2.1265 54.026/2.1270	57.683/2.2710 57.696/2.2715	1.816/.0715	28.70/1.130	F820	2254AL IH
<b>MAINS</b>							
<b>5M2255A</b> STD, 010, 020, 030, 040	1,3,5 2,4	54.013/2.1265 54.026/2.1270 54.013/2.1265 54.026/2.1270	57.683/2.2710 57.696/2.2715 57.683/2.2710 57.696/2.2715	1.816/.0715 1.816/.0715	28.70/1.130 19.55/.770	F820 F820	2254AL IH 2255AL IH
<b>THRUST</b>							
<b>2T2252</b> STD		59.440/2.3402 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.36/.093	F1	2252T UL
<b>CAMS</b>							
<b>3C4306</b> STD	1 2 3	45.433/1.7887 45.445/1.7892 43.909/1.7287 43.922/1.7292 41.217/1.6227 41.229/1.6232	48.641/1.9150 48.666/1.9160 47.117/1.8550 47.142/1.8560 44.425/1.7490 44.450/1.7500	1.588/.0625 1.588/.0625 1.588/.0625	37.57/1.479 28.83/1.135 20.89/.822	F830 F23 F23	4306 4307 4308
<b>PISTON PIN BUSH</b>							
<b>RB4012</b> UNB		20.640/.8126 20.640/.8126	23.805/.9372 23.825/.9380	1.730/.0681	27.23/1.072	F100	RB4012

**5 Engine 5**

Engine			Year	Cyl	Bore x Stroke		
A Series 948cc Inline4 OHV 2v			01/1957 - 12/1975	L4	62.9mm x 76.2mm		
APJM 948cc Inline4 OHV 2v			01/1961 - 12/1963	L4	62.9mm x 76.2mm		
BM7 848cc Inline4 OHV 2v			01/1959 - 12/1975	L4	62.9mm x 68.3mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>4B2201P</b> STD, 010, 020, 030, 040, 050,		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH		
<b>MAINS</b>									
<b>3M2202P</b> STD, 010, 020, 030, 040	1,2,3	30.22mm Wide		44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.834/.0722	30.22/1.190	F780	2202 IH
<b>THRUST</b>									
<b>2T2202</b> STD, 005		Material is copper lead.		49.911/1.9650 50.165/1.9750	61.849/2.4350 62.103/2.4450		2.36/.093	F250	2202T UL
<b>THRUST</b>									
<b>2T4092</b> STD		Material is babbitt.		49.910/1.9650 50.170/1.9752	61.849/2.4350 62.103/2.4450		2.36/.093	F1	4092T UL
<b>CAMS</b>									
<b>1C4096</b> STD	1	Set contains one cam bush. Order # of bushes req'd.							
		42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096		



5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>ROCKER ARM BUSH</b>							
<b>B558</b>		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558

6 Engine		Year	Cyl	Bore x Stroke	6		
E Series 1485cc Inline4 OHV 2v		01/1969 - 12/1983	L4	76.2mm x 81.3mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>U.K. Mid 1970 On, Australia 1972 To 1974.</i>							
<b>4B1430A</b> STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	16.89/.665	F820	1430AL IH
<b>MAINS</b> <i>Aust. Only.</i>							
<b>5M1433A</b> STD, 010, 020, 030, 040	1,2,3,4,5	60.353/2.3761 60.371/2.3768	64.008/2.5200 64.021/2.5205	1.807/.0711	20.85/.821	F820	1433AL IH
<b>THRUST</b> <i>Aust. Only.</i>							
<b>2T1433</b> STD		65.790/2.5902 66.040/2.6000	81.915/3.2250 82.169/3.2350		2.36/.093	F1	1433T UL

7 Engine		Year	Cyl	Bore x Stroke	7		
E Series 2227cc Inline6 SOHC 2v		01/1970 - 12/1974	L6	76.2mm x 81.3mm			
E Series 2623cc Inline6 OHV 2v		01/1971 - 12/1975	L6	76.2mm x 95.8mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>6B1430A</b> STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	16.89/.665	F820	1430AL IH

8 Engine		Year	Cyl	Bore x Stroke	8		
B Series 1200cc Inline4 OHV 2v		01/1954 - 12/1965	L4	65.5mm x 89.0mm			
B Series 1489cc Inline4 OHV 2v		01/1954 - 12/1964	L4	73.0mm x 88.9mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1891P</b> STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	25.53/1.005	F780	1891 IH
<b>MAINS</b>							
<b>3M4302</b> STD, 010, 020, 030, 040	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.835/.0722	35.05/1.380	F23	4302 IH
<b>THRUST</b>							
<b>2T4302</b> STD, 005		56.261/2.2150 56.515/2.2250	69.596/2.7400 69.850/2.7500		2.36/.093	F1	4302T UL
<b>CAMS</b>							
<b>3C4306</b> STD	1	45.433/1.7887 45.445/1.7892	48.641/1.9150 48.666/1.9160	1.588/.0625	37.57/1.479	F830	4306
	2	43.909/1.7287 43.922/1.7292	47.117/1.8550 47.142/1.8560	1.588/.0625	28.83/1.135	F23	4307
	3	41.217/1.6227 41.229/1.6232	44.425/1.7490 44.450/1.7500	1.588/.0625	20.89/.822	F23	4308
<b>ROCKER ARM BUSH</b>							
<b>B633</b>		15.875/.6250 15.875/.6250	19.012/.7485 19.037/.7495		18.92/.745	F100	B633

9 Engine		Year	Cyl	Bore x Stroke	9		
A Series 1275cc Inline4 OHV 2v		01/1964 - On	L4	70.6mm x 81.3mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B2201P</b> STD, 010, 020, 030, 040, 050		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH



9 Continued ...							9		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B2206P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>	44.460/1.7504	48.146/1.8955	1.824/.0718	21.59/.850	F780	2206 IH		
		44.473/1.7509	48.158/1.8960						
<b>3M2204P</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b> 1,2,3	50.813/2.0005	54.508/2.1460	1.829/.0720	25.52/1.005	F780	2204 IH		
		50.825/2.0010	54.521/2.1465						
<b>3M2205P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3	50.831/2.0012	54.509/2.1460	1.830/.0720	25.02/.985	F780	2205 UL		
		50.843/2.0017	54.529/2.1468						
<b>2T2204</b> STD, 003, 030	<b>THRUST</b>	<i>76mm outside diameter.</i>			2.36/.093	F250	2204T UL		
		56.260/2.2150	76.070/2.9949						
<b>3C4099</b> STD	<b>CAMS</b>	1	42.278/1.6645	45.606/1.7955	1.641/.0646	28.83/1.135	F23	4096	
			42.291/1.6650	45.631/1.7965					
			2	41.217/1.6227	44.526/1.7530	1.628/.0641	19.30/.760	F23	4094
				41.229/1.6232	44.552/1.7540				
			3	34.867/1.3727	38.189/1.5035	1.641/.0646	19.30/.760	F23	4099
34.887/1.3735	38.209/1.5043								

10 Engine	Year	Cyl	Bore x Stroke	10
51UD 5103cc Inline6 OHV 2v Diesel	01/1966 - On	L6	95.0mm x 120.0mm	
57VD 5655cc Inline6 OHV 2v Diesel	01/1966 - On	L6	100.0mm x 120.0mm	
6/98 5650cc Inline6 OHV 2v	01/1966 - On	L6	98.0mm x 120.0mm	
6/98 5650cc Inline6 OHV 2v Diesel	01/1973 - On	L6	98.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1131A</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>	66.662/2.6245	70.396/2.7715	1.842/.0725	31.11/1.225	F820	1131AL IH
		66.675/2.6250	70.409/2.7720				
<b>7M1132A</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b> 1,2,6,7	82.537/3.2495	86.805/3.4175	2.103/.0828	40.76/1.605	F810	1132A IH
		82.550/3.2500	86.830/3.4185				
	3,4,5	82.537/3.2495	86.805/3.4175	2.103/.0828	28.70/1.130	F810	1133A IH
		82.550/3.2500	86.830/3.4185				
<b>2T1132</b> STD	<b>THRUST</b>	90.420/3.5598	107.671/4.2390		2.36/.093	F250	1132T UL
		90.680/3.5701	107.925/4.2490				
<b>RB860</b>	<b>PISTON PIN BUSH</b>	34.925/1.3750	39.687/1.5625	2.640/.1039	32.00/1.260	F100	RB860
		34.925/1.3750	39.703/1.5631				

11 Engine	Year	Cyl	Bore x Stroke	11
A Series 997cc Inline4 OHV 2v	01/1961 - 05/1965	L4	62.4mm x 81.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2201P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>	41.285/1.6254	44.971/1.7705	1.826/.0719	22.35/.880	F780	2201 IH	
		41.298/1.6259	44.983/1.7710					
<b>3M2203P</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b> 1,2,3	44.463/1.7505	48.158/1.8960	1.829/.0720	27.10/1.067	F780	2203 IH	
		44.475/1.7510	48.171/1.8965					
<b>2T2203</b> STD, 003	<b>THRUST</b>	<i>72mm outside diameter.</i>			2.36/.093	F250	2203T UL	
		49.910/1.9650	71.760/2.8252					
<b>3C4095</b> STD	<b>CAMS</b>	1	<i>No 3 cam is 14mm wide.</i>		1.641/.0646	28.83/1.135	F23	4096
			42.278/1.6645	45.606/1.7955				
			42.291/1.6650	45.631/1.7965				



11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3C4095</b> STD	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.879/1.3732	38.176/1.5030 38.202/1.5040	1.628/.0641	13.74/.541	F23	4095
	<b>PISTON PIN BUSH</b>		15.862/.6245 15.875/.6250	19.037/.7495 19.062/.7505	1.730/.0681	22.35/.880	F100
<b>B558</b>	<b>ROCKER ARM BUSH</b>		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870	15.88/.625	F100	B558

12 Engine				Year	Cyl	Bore x Stroke	12	
A Series 1098cc Inline4 OHV 2v				01/1961 - 12/1981	L4	64.6mm x 83.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2201P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780 2201 IH	
	<b>MAINS</b>		44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780 2203 IH	
<b>3M2203P</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b>		50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.829/.0720	25.52/1.005	F780 2204 IH	
	<b>THRUST</b>		72mm outside diameter.		49.910/1.9650 50.160/1.9748	71.760/2.8252 72.010/2.8350	2.36/.093	F250 2203T UL
<b>2T2203</b> STD, 003	<b>THRUST</b>		76mm outside diameter.		56.260/2.2150 56.510/2.2248	76.070/2.9949 76.330/3.0051	2.36/.093	F250 2204T UL
	<b>CAMS</b>		No 3 cam is 14mm wide.		42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135 F23 4096
<b>3C4095</b> STD	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094	
	3	34.867/1.3727 34.879/1.3732	38.176/1.5030 38.202/1.5040	1.628/.0641	13.74/.541	F23	4095	
	<b>CAMS</b>		42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096
<b>3C4099</b> STD	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094	
	3	34.867/1.3727 34.887/1.3735	38.189/1.5035 38.209/1.5043	1.641/.0646	19.30/.760	F23	4099	
	<b>PISTON PIN BUSH</b>		15.862/.6245 15.875/.6250	19.037/.7495 19.062/.7505	1.730/.0681	22.35/.880	F100	RB843
<b>B558</b>	<b>ROCKER ARM BUSH</b>		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870	15.88/.625	F100	B558	

13 Engine				Year	Cyl	Bore x Stroke	13
12YE 1275cc Inline4 OHV 2v				01/1967 - 12/1982	L4	70.6mm x 81.3mm	
A Series 1275cc Inline4 OHV 3v				10/1967 - 12/1982	L4	70.6mm x 81.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2206P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>		44.460/1.7504 44.473/1.7509	48.146/1.8955 48.158/1.8960	1.824/.0718	21.59/.850	F780 2206 IH





13 Continued ...							13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3M2204P</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b>						
	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.829/.0720	25.52/1.005	F780	2204 IH
<b>2T2204</b> STD, 003, 030	<b>THRUST</b>	<i>76mm outside diameter.</i>					
		56.260/2.2150 56.510/2.2248	76.070/2.9949 76.330/3.0051		2.36/.093	F250	2204T UL
<b>3C4099</b> STD	<b>CAMS</b>						
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.887/1.3735	38.189/1.5035 38.209/1.5043	1.641/.0646	19.30/.760	F23	4099

14 Engine				Year	Cyl	Bore x Stroke	14
A Series 848cc Inline4 OHV 2v				01/1959 - 12/1980	L4	62.9mm x 68.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2201P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>						
		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH
<b>3M2202P</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>30.22mm Wide</i>					
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.834/.0722	30.22/1.190	F780	2202 IH
<b>3M2203P</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b>						
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	2203 IH
<b>2T2202</b> STD, 005	<b>THRUST</b>	<i>Material is copper lead.</i>					
		49.911/1.9650 50.165/1.9750	61.849/2.4350 62.103/2.4450		2.36/.093	F250	2202T UL
<b>2T4092</b> STD	<b>THRUST</b>	<i>Material is babbitt.</i>					
		49.910/1.9650 50.170/1.9752	61.849/2.4350 62.103/2.4450		2.36/.093	F1	4092T UL
<b>1C4096</b> STD	<b>CAMS</b>	<i>Set contains one cam bush. Order # of bushes req'd.</i>					
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096
<b>B558</b>	<b>ROCKER ARM BUSH</b>						
		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558

15 Engine				Year	Cyl	Bore x Stroke	15
12YD 1275cc Inline4 OHV 2v				01/1964 - 06/1969	L4	70.6mm x 81.3mm	
A Series 1071cc Inline4 OHV 2v				01/1963 - 12/1974	L4	70.6mm x 61.9mm	
A Series 970cc Inline4 OHV 2v				01/1963 - On	L4	70.6mm x 61.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2201P</b> STD, 010, 020, 030, 040, 050,	<b>CONROD</b>						
		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH
<b>3M2204P</b> STD, 010, 020, 030, 040, 050,	<b>MAINS</b>						
	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.829/.0720	25.52/1.005	F780	2204 IH
<b>2T2204</b> STD, 003, 030	<b>THRUST</b>	<i>76mm outside diameter.</i>					
		56.260/2.2150 56.510/2.2248	76.070/2.9949 76.330/3.0051		2.36/.093	F250	2204T UL
<b>3C4099</b> STD	<b>CAMS</b>						
	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096



**15 Continued ... 15**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3C4099</b> STD	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094
	3	34.867/1.3727 34.887/1.3735	38.189/1.5035 38.209/1.5043	1.641/.0646	19.30/.760	F23	4099

**16 Engine Year Cyl Bore x Stroke 16**  
A Series 998cc Inline4 OHV 2v 01/1961 - 12/1992 L4 64.6mm x 76.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B2201P</b> STD, 010, 020, 030, 040, 050,		41.285/1.6254 41.298/1.6259	44.971/1.7705 44.983/1.7710	1.826/.0719	22.35/.880	F780	2201 IH	
	<b>MAINS</b>							
<b>3M2203P</b> STD, 010, 020, 030, 040, 050,	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	2203 IH	
	<b>MAINS</b>							
<b>3M3427P</b> STD, 010, 020, 030, 040	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	3427 L	
	1,2,3	44.463/1.7505 44.475/1.7510	48.158/1.8960 48.171/1.8965	1.829/.0720	27.10/1.067	F780	2203 IH	
	<b>THRUST</b>							
			72mm outside diameter.					
<b>2T2203</b> STD, 003		49.910/1.9650 50.160/1.9748	71.760/2.8252 72.010/2.8350		2.36/.093	F250	2203T UL	
	<b>CAMS</b>							
		No 3 cam is 14mm wide.						
<b>3C4095</b> STD	1	42.278/1.6645 42.291/1.6650	45.606/1.7955 45.631/1.7965	1.641/.0646	28.83/1.135	F23	4096	
	2	41.217/1.6227 41.229/1.6232	44.526/1.7530 44.552/1.7540	1.628/.0641	19.30/.760	F23	4094	
	3	34.867/1.3727 34.879/1.3732	38.176/1.5030 38.202/1.5040	1.628/.0641	13.74/.541	F23	4095	
	<b>PISTON PIN BUSH</b>							
<b>RB843</b>		15.862/.6245 15.875/.6250	19.037/.7495 19.062/.7505	1.730/.0681	22.35/.880	F100	RB843	
	<b>ROCKER ARM BUSH</b>							
<b>B558</b>		14.275/.5620 14.275/.5620	17.450/.6870 17.450/.6870		15.88/.625	F100	B558	

**17 Engine Year Cyl Bore x Stroke 17**  
B Series 1622cc Inline4 OHV 2v 01/1959 - 12/1978 L4 76.2mm x 88.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1891P</b> STD, 010, 020, 030, 040		47.648/1.8759 47.661/1.8764	51.333/2.0210 51.346/2.0215	1.824/.0718	25.53/1.005	F780	1891 IH
	<b>MAINS</b>						
<b>3M2215A</b> STD, 010, 020, 030, 040	1,2,3	50.813/2.0005 50.825/2.0010	54.508/2.1460 54.521/2.1465	1.836/.0723	31.11/1.225	F810	2215A IH
	<b>CAMS</b>						
<b>3C4036</b> STD	1	45.434/1.7887 45.447/1.7892	48.641/1.9150 48.666/1.9160	1.587/.0625	24.13/.950	F23	4036
	2	43.897/1.7282 43.910/1.7287	47.117/1.8550 47.142/1.8560	1.588/.0625	22.10/.870	F23	4037
	3	41.218/1.6228 41.231/1.6233	44.425/1.7490 44.450/1.7500	1.587/.0625	24.13/.950	F23	4038

18	Engine	Year	Cyl	Bore x Stroke	18
	34T 3400cc Inline4 OHV 2v Diesel	01/1966 - On	L4	95.0mm x 120.0mm	
	38T 3770cc Inline4 OHV 2v Diesel	01/1966 - On	L4	100.0mm x 120.0mm	
	4/98 3770cc Inline4 OHV 2v Diesel	01/1973 - On	L4	98.0mm x 125.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1131A</b> STD, 010, 020, 030, 040, 050,		66.662/2.6245	70.396/2.7715	1.842/.0725	31.11/1.225	F820	1131AL
		66.675/2.6250	70.409/2.7720				IH
<b>MAINS</b>							
<b>5M1132A</b> STD, 010, 020, 030, 040, 050,	1,3,5	82.537/3.2495	86.805/3.4175	2.103/.0828	40.76/1.605	F810	1132A
		82.550/3.2500	86.830/3.4185				IH
	2,4	82.537/3.2495	86.805/3.4175	2.103/.0828	28.70/1.130	F810	1133A
		82.550/3.2500	86.830/3.4185				IH
<b>THRUST</b>							
<b>2T1132</b> STD		90.420/3.5598	107.671/4.2390		2.36/.093	F250	1132T
		90.680/3.5701	107.925/4.2490				UL
<b>PISTON PIN BUSH</b>							
<b>RB860</b>		34.925/1.3750	39.687/1.5625	2.640/.1039	32.00/1.260	F100	RB860
		34.925/1.3750	39.703/1.5631				

19	Engine	Year	Cyl	Bore x Stroke	19
	4416cc V8 OHV 2v	06/1973 - 12/1980	V8	88.9mm x 88.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B610A</b> STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A
		50.813/2.0005	53.980/2.1252				IH
<b>MAINS</b>							
<b>5M2227</b> STD, 010, 020, 030	1 TO 5	64.757/2.5495	69.055/2.7187	2.131/.0839	20.50/.807	F780	2227
		64.770/2.5500	69.068/2.7192				UL
<b>THRUST</b>							
<b>1T2219</b> STD		72.140/2.8402	88.773/3.4950		2.36/.093	F250	2219T
		72.390/2.8500	89.027/3.5050				IH
<b>CAMS</b>							
<b>5C4326</b> STD	1	45.339/1.7850	48.654/1.9155	1.633/.0643	19.30/.760	F23	4326
		45.364/1.7860	48.704/1.9175				
	2	44.577/1.7550	47.892/1.8855	1.633/.0643	19.30/.760	F23	4327
		44.602/1.7560	47.942/1.8875				
	3	43.815/1.7250	47.130/1.8555	1.633/.0643	19.30/.760	F23	4328
	43.840/1.7260	47.180/1.8575					
4	43.053/1.6950	46.368/1.8255	1.633/.0643	19.30/.760	F23	4329	
	43.078/1.6960	46.418/1.8275					
5	42.291/1.6650	45.606/1.7955	1.633/.0643	19.30/.760	F23	4320	
	42.316/1.6660	45.656/1.7975					

20	Engine	Year	Cyl	Bore x Stroke	20
	1670cc Inline4 OHV 2v	01/1964 - 12/1966	L4	76.0mm x 92.0mm	
	2138cc Inline4 OHV 2v	01/1962 - On	L4	86.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1841P</b> STD, 010, 020, 030, 040, 060		52.984/2.0860	56.710/2.2327	1.842/.0725	24.76/.975	F780	1841
		53.000/2.0866	56.731/2.2335				IH
<b>CONROD</b>							
<b>4B3068</b> STD, 010, 020, 030, 040		52.984/2.0860	56.711/2.2327	1.848/.0728	24.76/.975	F23	3068
		53.000/2.0866	56.731/2.2335				IH
<b>MAINS</b>							
<b>3M3284</b> STD, 010, 020, 030	1,2,3	62.967/2.4790	66.675/2.6250	1.835/.0722	38.23/1.505	F23	3284
		62.979/2.4795	66.688/2.6255				IH





20 Continued ...								20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2T7062</b> STD, 005	<b>THRUST</b>	68.072/2.6800	80.823/3.1820		2.36/.093	F1	7062T	
		68.326/2.6900	81.077/3.1920				UL	
<b>RB875</b>	<b>PISTON PIN BUSH</b>	22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875	
		22.230/.8752	25.400/1.0000					
21 Engine				Year	Cyl	Bore x Stroke		21
350 5760cc Inline6 OHV 2v Diesel				01/1953 - 12/1960	L6	100.6mm x 120.7mm		
375 6170cc Inline6 OHV 2v Diesel				01/1958 - 12/1973	L6	104.2mm x 120.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B2771P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	60.955/2.3998	64.592/2.5430	1.793/.0706	34.79/1.370	F780	2771	
		60.973/2.4005	64.605/2.5435				IH	

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
PC 985cc Inline4 SOHC	01/1970 - 12/1978	L4	985	60	35
PB 987cc Inline4 OHV 2v	01/1966 - 12/1978	L4	987	60	14
E1 1071cc Inline4 SOHC	01/1980 - 12/1986	L4	1071	65	4
B1 1138cc Inline4 SOHC 2v	10/1985 - 12/1995	L4	1138	69	8
TA 1169cc Inline4 OHV 2v	01/1969 - 12/1973	L4	1169	71	14
TB 1169cc Inline4 OHV 2v	01/1968 - 12/1974	L4	1169	71	14
TC 1272cc Inline4 SOHC 2v	01/1970 - 12/1980	L4	1272	77	42
BJ 1290cc Inline4 DOHC 4v	10/1986 - On	L4	1290	78	11
E3 1296cc Inline4 SOHC	10/1980 - 12/1990	L4	1296	79	4
B3 1323cc Inline4 DOHC 4v	09/1990 - 12/1995	L4	1323	80	9
B3 1323cc Inline4 SOHC 2v	12/1986 - 12/1999	L4	1323	80	8
B3-MI 1323cc Inline4 SOHC 4v	11/1990 - 12/2002	L4	1323	80	9
UC 1415cc Inline4 SOHC	05/1978 - 10/1985	L4	1415	86	4
UA 1484cc Inline4 SOHC	01/1966 - 12/1977	L4	1484	90	43
Z5-DE 1489cc Inline4 DOHC 4v	01/1994 - 12/1998	L4	1489	90	9
D5 1490cc Inline4 SOHC 2v	10/1981 - 12/1986	L4	1490	90	19
E5 1490cc Inline4 SOHC 2v	10/1980 - 12/1985	L4	1490	90	4
E5T Carb 1490cc Inline4 SOHC 2v Turbo	01/1985 - 12/2005	L4	1490	90	4
E5T EFI 1490cc Inline4 SOHC 2v Turbo	01/1982 - 12/1985	L4	1490	90	4
UB 1490cc Inline4 SOHC	05/1967 - 12/1974	L4	1490	90	44
B5 1498cc Inline4 SOHC 2v	12/1986 - 04/2001	L4	1498	91	8
B5-ME 1498cc Inline4 SOHC 4v	01/1992 - 12/2002	L4	1498	91	8
B5-MI 1498cc Inline4 SOHC 4v	01/1990 - 12/2002	L4	1498	91	25
ZL-VE 1498cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	1498	91	5
ZY-VE 1498cc Inline4 DOHC 4v	08/2002 - On	L4	1498	91	16
NA 1586cc Inline4 SOHC 2v	10/1970 - 12/1983	L4	1586	96	34
F6 1587cc Inline4 SOHC	09/1982 - 09/1987	L4	1587	96	20
B6 1597cc Inline4 SOHC 2v	10/1985 - 12/1994	L4	1597	97	24
B6-2E/B6-ME 1597cc Inline4 SOHC 4v	01/1990 - 12/1994	L4	1597	97	5
B6D 1597cc Inline4 DOHC 4v	01/1985 - 02/1999	L4	1597	97	26
B6F 1597cc Inline4 SOHC 2v	01/1985 - 08/1998	L4	1597	97	24
B6T 1597cc Inline4 DOHC 4v Turbo	01/1988 - 11/1994	L4	1597	97	11
ZM-DE 1598cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	1598	97	5
PN 1720cc Inline4 SOHC Diesel	06/1985 - 02/1996	L4	1720	104	36
VC 1769cc Inline4 SOHC 2v	12/1973 - 12/1986	L4	1769	107	34
F8 1789cc Inline4 DOHC 4v	01/1988 - 12/1996	L4	1789	109	13
F8 1789cc Inline4 SOHC 2v	01/1983 - 12/2006	L4	1789	109	20
F8 1789cc Inline4 SOHC 3v	03/1987 - 12/2005	L4	1789	109	18
VB 1796cc Inline4 SOHC 2v	12/1969 - 12/1980	L4	1796	109	33
BP 1840cc Inline4 SOHC 4v	10/1987 - 10/1994	L4	1840	112	5
BP-4W 1840cc Inline4 DOHC 4v	03/1998 - 10/2000	L4	1840	112	11
BPD 1840cc Inline4 DOHC 4v	10/1989 - 12/1999	L4	1840	112	11
BP-T 1840cc Inline4 DOHC 4v Turbo	04/1987 - 12/1993	L4	1840	112	11
BP-Z3 1840cc Inline4 DOHC VVT 4v	10/2000 - 12/2005	L4	1840	112	12
BP-Z3 1840cc Inline4 DOHC VVT 4v Turbo	01/2002 - 12/2005	L4	1840	112	12
BP-ZE 1840cc Inline4 DOHC 4v	11/1993 - 12/1997	L4	1840	112	11
FP-D 1840cc Inline4 DOHC 4v	01/1998 - 12/2003	L4	1840	112	21
K8 1844cc V6 DOHC 4v	01/1992 - 12/1997	V6	1844	112	31
MA 1970cc Inline4 SOHC 2v	01/1974 - 12/1987	L4	1970	120	33
JF 1977cc V6 SOHC 2v	01/1986 - 12/1989	V6	1977	120	15
VA 1985cc Inline4 OHV 2v	12/1971 - 12/1994	L4	1985	121	45
YF 1989cc Inline4 DOHC 4v	03/2001 - 12/2004	L4	1989	121	47
FS 1991cc Inline4 DOHC 4v	12/1991 - 12/2003	L4	1991	121	21
KF 1995cc V6 DOHC 4v	07/1994 - 05/1998	V6	1995	121	31
FE 1998cc Inline4 SOHC 2v	01/1982 - 12/2006	L4	1998	121	20
FE-E 1998cc Inline4 DOHC 4v	04/1987 - 01/1993	L4	1998	121	13
FE-T 1998cc Inline4 SOHC 2v Turbo	09/1985 - 12/1987	L4	1998	121	13
LF MZR 1998cc Inline4 DOHC 4v	01/2005 - On	L4	1998	121	3



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
RF 1998cc Inline4 SOHC 2v Diesel	05/1983 - 12/1992	L4	1998	121	30
RF-T 1998cc Inline4 SOHC 2v Turbo Diesel	01/1988 - On	L4	1998	121	27
F2 2184cc Inline4 SOHC 2v	01/1987 - 03/1996	L4	2184	133	18
F2 2184cc Inline4 SOHC 3v	04/1987 - 04/1996	L4	2184	133	18
F2-T 2184cc Inline4 SOHC 3v Turbo	10/1987 - 01/1998	L4	2184	133	18
R2 2184cc Inline4 SOHC 2v Diesel	01/1980 - 02/2000	L4	2184	133	37
S2 2209cc Inline4 OHV 2v Diesel	09/1979 - 12/1996	L4	2209	134	40
KJ Miller 2254cc V6 DOHC 4v	09/1993 - 08/2002	V6	2254	137	32
L3 MZR 2260cc Inline4 DOHC 4v	01/2001 - On	L4	2260	137	2
L3-VDT MZR 2260cc Inline4 DOHC 4v DISI Turbo	07/2006 - On	L4	2260	137	10
KL 2496cc V6 DOHC 4v	01/1992 - 04/2001	V6	2496	152	32
WL 2500cc Inline4 SOHC 3v Diesel	01/1996 - On	L4	2500	152	29
WL-C 2500cc Inline4 DOHC 4v Turbo Diesel	11/2006 - On	L4	2500	152	7
WLT 2500cc Inline4 SOHC 3v Turbo Diesel	01/1999 - 12/2006	L4	2500	152	1
XA 2522cc Inline4 OHV 2v Diesel	06/1967 - 06/1989	L4	2522	153	39
G6 2606cc Inline4 SOHC 3v	01/1989 - 12/1994	L4	2606	159	22
XB 2701cc Inline4 OHV 2v Diesel	04/1972 - 02/1977	L4	2701	164	38
W9 2953cc Inline4 DOHC 4v T/Diesel	01/2006 - On	L4	2953	180	6
WE-C 2953cc Inline4 DOHC 4v T/Diesel	12/2006 - On	L4	2953	180	6
JE 2954cc V6 SOHC 3v	01/1987 - 12/1999	V6	2954	180	17
JE-ZE 2954cc V6 DOHC 4v	01/1988 - 08/1998	V6	2954	180	17
AJ MZI 2967cc V6 DOHC 4v	02/2001 - 12/2006	V6	2967	181	48
HA 2977cc Inline4 OHV 2v Diesel	01/1977 - 03/1989	L4	2977	181	23
SL 3455cc Inline4 OHV 2v Diesel	02/1984 - 12/1989	L4	3455	210	41
SL 3455cc Inline4 OHV 2v Turbo Diesel	02/1987 - 12/1992	L4	3455	210	41
YA 3783cc Inline6 SOHC 2v Diesel	12/1969 - 12/1974	L6	3783	230	28
TF 4021cc Inline4 OHV 2v Diesel	01/1989 - On	L4	4021	245	46
ZB 4052cc Inline6 OHV 2v Diesel	02/1972 - 05/1987	L6	4052	247	28
TM 4553cc Inline4 OHV 2v Diesel	01/1992 - On	L4	4553	277	46



1 Engine		Year		Cyl	Bore x Stroke		1
WLT 2500cc Inline4 SOHC 3v Turbo Diesel		01/1999 - 12/2006		L4	93.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8240A</b> STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F810	8240A IH
		54.955/2.1636	58.000/2.2835				
<b>4B8240P</b> STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F780	8240 IH
		54.955/2.1636	58.020/2.2842				
<b>MAINS</b>							
<b>5M8242A</b> STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
<b>THRUST</b>							
<b>2T8242</b> STD		74.900/2.9488	91.350/3.5964		2.49/.098	F817	8242T UL
		75.150/2.9587	91.600/3.6063				
<b>BALANCE</b>							
<i>Suits turbo engines only. Suits turbo engines only. Semi-finished bore.</i>							
<b>3B58303</b> STD	1	41.945/1.6514	46.000/1.8110		23.25/.915	F810	8303
		41.960/1.6520	46.020/1.8118				
	2	39.945/1.5726	44.000/1.7323		26.25/1.033	F810	8304
		39.960/1.5732	44.020/1.7331				
3	37.945/1.4939	42.000/1.6535		20.25/.797	F810	8305	
	37.960/1.4945	42.020/1.6543					
<b>PISTON PIN BUSH</b>							
<i>Set of 4. Tapered Bush.</i>							
<b>4RB4111</b> UNB			35.000/1.3780	1.630/.0642	30.80/1.213	F100	4RB4111
			35.030/1.3791				
<b>PISTON PIN BUSH</b>							
<i>Tapered bush.</i>							
<b>RB4111</b> UNB			35.000/1.3780	1.630/.0642	30.80/1.213	F100	RB4111
			35.030/1.3791				

2 Engine		Year		Cyl	Bore x Stroke		2
L3 MZR 2260cc Inline4 DOHC 4v		01/2001 - On		L4	87.5mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8170A</b> STD, .25, .50		49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F810	8170A IH
		50.000/1.9685	53.045/2.0884				
<b>RACE SERIES</b>							
<b>4B8170H</b> STD, .025, .25		49.980/1.9677	53.025/2.0876	1.500/.0591	17.00/.669	F781	8170H IH
		50.000/1.9685	53.045/2.0884				
<b>RACE SERIES</b>							
<b>4B8170HX</b> STD		49.980/1.9677	53.025/2.0876	1.487/.0585	17.00/.669	F781	8170HX IH
		50.000/1.9685	53.045/2.0884				
<b>MAINS</b>							
<b>5M8174A</b> STD, .25, .50, .75	1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
		52.000/2.0472	57.037/2.2455				
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U
		52.000/2.0472	57.037/2.2455				
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U
		52.000/2.0472	57.037/2.2455				

3 Engine		Year		Cyl	Bore x Stroke		3
LF MZR 1998cc Inline4 DOHC 4v		01/2005 - On		L4	87.5mm x 83.1mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Bearing does not have a notch.</i>							
<b>4B4390A</b> STD, .25, .50, .75		46.980/1.8496	50.025/1.9695	1.505/.0593	16.25/.640	F810	4390A IH
		47.000/1.8504	50.045/1.9703				



3 Continued ...								3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>4B4390H</b> STD, .025, .25	<b>CONROD</b>	46.980/1.8496	50.025/1.9695	1.503/.0592	16.25/.640	F781	4390H IH	
		47.000/1.8504	50.045/1.9703					
<b>RACE SERIES</b> <b>4B4390HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.491/.0587	16.25/.640	F781	4390HX IH	
		46.980/1.8496	50.025/1.9695	50.045/1.9703				
<b>4B4390P</b> STD, .25, .50	<b>CONROD</b>	<i>Bearing does not have a notch.</i>		1.505/.0593	16.25/.640	F780	4390 IH	
		46.980/1.8496	50.025/1.9695	50.045/1.9703				
<b>5M8174A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L	
		52.000/2.0472	57.037/2.2455					
	1,2,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A U	
		52.000/2.0472	57.037/2.2455					
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U	
		52.000/2.0472	57.037/2.2455					

4 Engine	Year	Cyl	Bore x Stroke	4
E1 1071cc Inline4 SOHC	01/1980 - 12/1986	L4	70.0mm x 69.6mm	
E3 1296cc Inline4 SOHC	10/1980 - 12/1990	L4	77.0mm x 69.6mm	
E5 1490cc Inline4 SOHC 2v	10/1980 - 12/1985	L4	77.0mm x 80.0mm	
E5T Carb 1490cc Inline4 SOHC 2v Turbo	01/1985 - 12/2005	L4	77.0mm x 80.0mm	
E5T EFI 1490cc Inline4 SOHC 2v Turbo	01/1982 - 12/1985	L4	77.0mm x 80.0mm	
UC 1415cc Inline4 SOHC	05/1978 - 10/1985	L4	77.0mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
<b>5M8334A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,2,3,4,5	49.939/1.9661	54.000/2.1260	2.012/.0792	19.00/.748	F810	8334A IH
		49.954/1.9667	54.020/2.1268				
<b>2T8334</b> STD	<b>THRUST</b>	57.100/2.2480	68.580/2.7000		2.00/.079	F250	8334T UL
		57.350/2.2579	68.830/2.7098				

5 Engine	Year	Cyl	Bore x Stroke	5
B6-2E/B6-ME 1597cc Inline4 SOHC 4v	01/1990 - 12/1994	L4	78.0mm x 83.6mm	
BP 1840cc Inline4 SOHC 4v	10/1987 - 10/1994	L4	83.0mm x 85.0mm	
ZL-VE 1498cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	78.0mm x mm	
ZM-DE 1598cc Inline4 DOHC 4v	01/1998 - 12/2002	L4	78.0mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8351A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH	
		44.956/1.7699	48.016/1.8904					
<b>RACE SERIES</b> <b>4B8351H</b> STD, .025, .25, .50	<b>CONROD</b>	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH	
		44.956/1.7699	48.016/1.8904					
<b>RACE SERIES</b> <b>4B8351HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.502/.0591	17.00/.669	F781	8351HX IH	
		44.940/1.7693	48.000/1.8898	48.016/1.8904				
<b>5M8353A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Set is half groove.</i>		2.013/.0793	17.63/.694	F810	8354A U	
		1,2,3,4,5	49.938/1.9661	53.998/2.1259	54.018/2.1267			
	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L
		49.956/1.9668						





5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
		49.956/1.9668	54.018/2.1267				
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H L
		49.956/1.9668	54.018/2.1267				
<b>RACE SERIES</b> <b>5M8353HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.000/.0787	17.63/.694	F780	8354HX U
		49.938/1.9661	53.998/2.1259				
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
		49.938/1.9661	53.998/2.1259				
<b>1T8353</b> STD	<b>THRUST</b>	57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				

6 Engine				Year	Cyl	Bore x Stroke	6
W9 2953cc Inline4 DOHC 4v T/Diesel				01/2006 - On	L4	96.0mm x 102.0mm	
WE-C 2953cc Inline4 DOHC 4v T/Diesel				12/2006 - On	L4	96.0mm x 102.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8243A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	56.940/2.2417	60.005/2.3624	1.511/.0595	23.60/.929	F810	8243A IH
		56.955/2.2423	60.020/2.3630				
<b>4B8243P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	56.940/2.2417	60.005/2.3624	1.511/.0595	23.60/.929	F780	8243 IH
		56.955/2.2423	60.020/2.3630				
<b>5M8242A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
<b>2T8242</b> STD	<b>THRUST</b>	74.900/2.9488	91.350/3.5964		2.49/.098	F817	8242T UL
		75.150/2.9587	91.600/3.6063				
<b>4RB4263</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.535/.0604	30.80/1.213	F100	4RB4263
		35.000/1.3780					
<b>RB4263</b> UNB	<b>PISTON PIN BUSH</b>		35.000/1.3780	1.535/.0604	30.80/1.213	F100	RB4263

7 Engine				Year	Cyl	Bore x Stroke	7
WL-C 2500cc Inline4 DOHC 4v Turbo Diesel				11/2006 - On	L4	93.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8240A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F810	8240A IH
		54.955/2.1636	58.000/2.2835				
<b>4B8240P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F780	8240 IH
		54.955/2.1636	58.020/2.2842				
<b>5M8242A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
<b>2T8242</b> STD	<b>THRUST</b>	74.900/2.9488	91.350/3.5964		2.49/.098	F817	8242T UL
		75.150/2.9587	91.600/3.6063				



7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>BALANCE</b>		<i>Suits turbo engines only. Semi-finished bore.</i>					
<b>3BS8303</b> STD	1	41.945/1.6514	46.000/1.8110		23.25/.915	F810	8303
		41.960/1.6520	46.020/1.8118				
	2	39.945/1.5726	44.000/1.7323		26.25/1.033	F810	8304
	3	39.960/1.5732	44.020/1.7331				
		37.945/1.4939	42.000/1.6535		20.25/.797	F810	8305
		37.960/1.4945	42.020/1.6543				

8 Engine				Year	Cyl	Bore x Stroke	8
B1 1138cc Inline4 SOHC 2v				10/1985 - 12/1995	L4	68.0mm x 78.4mm	
B3 1323cc Inline4 SOHC 2v				12/1986 - 12/1999	L4	71.0mm x 83.6mm	
B5 1498cc Inline4 SOHC 2v				12/1986 - 04/2001	L4	78.0mm x 78.2mm	
B5-ME 1498cc Inline4 SOHC 4v				01/1992 - 12/2002	L4	78.0mm x 78.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A
		39.954/1.5730	43.019/1.6937				IH
<b>MAINS</b>		<i>Set is half groove.</i>					
<b>5M8353A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A
		49.956/1.9668	54.018/2.1267				L
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>5M8353H</b> STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H
		49.956/1.9668	54.018/2.1267				L
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H
		49.956/1.9668	54.018/2.1267				U
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>5M8353HX</b> STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX
		49.956/1.9668	54.018/2.1267				L
<b>MAINS</b>		<i>Set is full groove.</i>					
<b>5M8354A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A
		49.956/1.9668	54.018/2.1267				IH
<b>THRUST</b>							
<b>1T8353</b> STD		57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T
		57.350/2.2579	68.830/2.7098				IH

9 Engine				Year	Cyl	Bore x Stroke	9
B3 1323cc Inline4 DOHC 4v				09/1990 - 12/1995	L4	71.0mm x 83.6mm	
B3-MI 1323cc Inline4 SOHC 4v				11/1990 - 12/2002	L4	71.0mm x 83.6mm	
Z5-DE 1489cc Inline4 DOHC 4v				01/1994 - 12/1998	L4	75.3mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A
		39.954/1.5730	43.019/1.6937				IH
<b>MAINS</b>		<i>Set is half groove.</i>					
<b>5M8353A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8353A
		49.956/1.9668	54.018/2.1267				L
<b>RACE SERIES</b>		<b>MAINS</b>					
<b>5M8353H</b> STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H
		49.956/1.9668	54.018/2.1267				U
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8353H
		49.956/1.9668	54.018/2.1267				L



9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M8353HX</b> STD	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8353HX L
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U
<b>1T8353</b> STD	<b>THRUST</b>	57.100/2.2480	68.580/2.7000		2.55/.100	F250	8353T IH
		57.350/2.2579	68.830/2.7098				

10 Engine				Year	Cyl	Bore x Stroke	10
L3-VDT MZR 2260cc Inline4 DOHC 4v DISI Turbo				07/2006 - On	L4	87.5mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B8172H</b> STD, .025, .25		51.980/2.0465	55.021/2.1662	1.500/.0591	17.00/.669	F781	8172H IH
		52.000/2.0472	55.034/2.1667				
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B8172HX</b> STD		51.980/2.0465	55.021/2.1662	1.487/.0585	17.00/.669	F781	8172HX IH
		52.000/2.0472	55.034/2.1667				
<b>5M8174A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Set is half groove.</i>					
	1,2,3,4,5	51.980/2.0465	57.019/2.2448	2.504/.0986	19.10/.752	F810	8173A L
	1,2,4,5	52.000/2.0472	57.037/2.2455	2.504/.0986	19.10/.752	F810	8173A U
	3	51.980/2.0465	57.019/2.2448	2.504/.0986	25.75/1.014	F810	8174A(F) U
	3	52.000/2.0472	57.037/2.2455				

11 Engine				Year	Cyl	Bore x Stroke	11
B6T 1597cc Inline4 DOHC 4v Turbo				01/1988 - 11/1994	L4	78.0mm x 83.6mm	
BJ 1290cc Inline4 DOHC 4v				10/1986 - On	L4	78.0mm x 67.5mm	
BP-4W 1840cc Inline4 DOHC 4v				03/1998 - 10/2000	L4	83.0mm x 85.0mm	
BPD 1840cc Inline4 DOHC 4v				10/1989 - 12/1999	L4	83.0mm x 85.0mm	
BP-T 1840cc Inline4 DOHC 4v Turbo				04/1987 - 12/1993	L4	83.0mm x 85.0mm	
BP-ZE 1840cc Inline4 DOHC 4v				11/1993 - 12/1997	L4	83.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8351A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F810	8351A IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351H</b> STD, .025, .25, .50	<b>CONROD</b>	44.940/1.7693	48.000/1.8898	1.515/.0596	17.00/.669	F781	8351H IH
		44.956/1.7699	48.016/1.8904				
<b>RACE SERIES</b> <b>4B8351HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.940/1.7693	48.000/1.8898	1.502/.0591	17.00/.669	F781	8351HX IH
<b>5M8353A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Set is half groove.</i>					
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	<b>MAINS</b>	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F780	8354H U
	1,2,3,4,5	49.956/1.9668	54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
<b>RACE SERIES</b> <b>5M8353HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	49.938/1.9661	53.998/2.1259	2.000/.0787	17.63/.694	F780	8354HX U
		49.956/1.9668	54.018/2.1267				



11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8353HX</b> STD	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
<b>THRUST</b>							
<b>1T8353</b> STD		57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.55/.100	F250	8353T IH
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4108</b> UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	4RB4108
<b>PISTON PIN BUSH</b>							
<b>RB4108</b> UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	RB4108

12 Engine				Year	Cyl	Bore x Stroke	12
BP-Z3 1840cc Inline4 DOHC VVT 4v				10/2000 - 12/2005	L4	83.0mm x 85.0mm	
BP-Z3 1840cc Inline4 DOHC VVT 4v Turbo				01/2002 - 12/2005	L4	83.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8351A</b> STD, .25, .50, .75, 1.00		44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F810	8351A IH
<b>RACE SERIES</b>							
<b>4B8351H</b> STD, .025, .25, .50		44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F781	8351H IH
<b>RACE SERIES</b>							
<b>4B8351HX</b> STD		44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.502/.0591	17.00/.669	F781	8351HX IH
<b>MAINS</b>		<i>Set is half groove.</i>					
<b>5M8353A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5.	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L
<b>RACE SERIES</b>							
<b>5M8353H</b> STD, .025, .25, .50	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
<b>RACE SERIES</b>							
<b>5M8353HX</b> STD	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4108</b> UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	4RB4108
<b>PISTON PIN BUSH</b>							
<b>RB4108</b> UNB		19.993/.7871		1.720/.0677	21.80/.858	F100	RB4108

13 Engine				Year	Cyl	Bore x Stroke	13
F8 1789cc Inline4 DOHC 4v				01/1988 - 12/1996	L4	86.0mm x 77.0mm	
FE-E 1998cc Inline4 DOHC 4v				04/1987 - 01/1993	L4	86.0mm x 86.0mm	
FE-T 1998cc Inline4 SOHC 2v Turbo				09/1985 - 12/1987	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Is plain bearing, no oil holes.</i>					
<b>4B8140A</b> STD, .25, .50, .75, 1.00		50.940/2.0055 50.955/2.0061	54.002/2.1261 54.027/2.1270	1.510/.0594	21.13/.832	F810	8140A IH



**13 Continued ... 13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
<b>5M8133A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/.0793	19.13/.753	F810	8133A L
	1,2,4,5	59.940/2.3598 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/.0793	19.13/.753	F810	8134A U
	3	59.937/2.3597 59.955/2.3604	64.000/2.5197 64.019/2.5204	2.014/.0793	27.99/1.102	F810	8135A(F) U

**14 Engine Year Cyl Bore x Stroke 14**

PB 987cc Inline4 OHV 2v	01/1966 - 12/1978	L4	68.0mm x 68.0mm
TA 1169cc Inline4 OHV 2v	01/1969 - 12/1973	L4	70.0mm x 76.0mm
TB 1169cc Inline4 OHV 2v	01/1968 - 12/1974	L4	70.0mm x 76.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1156A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>						
		44.940/1.7693 44.955/1.7699	48.002/1.8898 48.017/1.8904	1.510/.0594	19.55/.770	F810	1156A IH
<b>5M1157A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,4	55.940/2.2024 55.955/2.2029	60.000/2.3622 60.020/2.3630	2.009/.0791	20.06/.790	F810	1157A IH
	3,5	55.940/2.2024 55.955/2.2029	60.000/2.3622 60.020/2.3630	2.009/.0791	23.11/.910	F810	1158A IH
<b>2T1157</b> STD	<b>THRUST</b>						
		61.980/2.4402 62.230/2.4500	77.600/3.0551 77.850/3.0650		2.03/.080	F1	1157T UL
<b>4RB4024</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
				1.660/.0654	24.25/.955	F100	4RB4024
<b>RB4024</b> UNB	<b>PISTON PIN BUSH</b>						
				1.660/.0654	24.25/.955	F100	RB4024

**15 Engine Year Cyl Bore x Stroke 15**

JF 1977cc V6 SOHC 2v	01/1986 - 12/1989	V6
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B8146A</b> STD, .25, .50, .75	<b>CONROD</b>						
		47.935/1.8872 47.955/1.8880	51.000/2.0079 51.016/2.0085	1.512/.0595	17.00/.669	F810	8146A IH
<b>4M8352A</b> STD, .25, .50	<b>MAINS</b>						
	1,2,3,4	61.935/2.4384 61.955/2.4392	66.000/2.5984 66.020/2.5992	2.012/.0792	18.13/.714	F810	8352A UL
<b>2T8352</b> STD	<b>THRUST</b>						
		68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496		2.05/.081	F817	8352T UL

**16 Engine Year Cyl Bore x Stroke 16**

ZY-VE 1498cc Inline4 DOHC 4v	08/2002 - On	L4	78.0mm x 78.4mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B8550A</b> STD, .25, .50	<b>CONROD</b> <i>Bearings have no notch.</i>						
			51.000/2.0079 51.020/2.0087	1.510/.0594	16.70/.658	F810	8550A IH
<b>5M8551A</b> STD, .25, .50	<b>MAINS</b>						
	1,2,3,4,5					F810	8551A UL





16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>1T8551</b> STD						F817	8551T IH

17 Engine				Year	Cyl	Bore x Stroke	17
JE 2954cc V6 SOHC 3v				01/1987 - 12/1999	V6	90.0mm x 77.4mm	
JE-ZE 2954cc V6 DOHC 4v				01/1988 - 08/1998	V6	90.0mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8149A</b> STD, .25, .50, .75, 1.00		52.940/2.0842	56.000/2.2047	1.511/.0595	17.03/.671	F810	8149A IH
		52.955/2.0848	56.020/2.2055				
<b>CONROD</b> <i>To be superseded by 6B8149A.</i>							
<b>6B8350A</b> STD, .25, .50, .75, 1.00		52.935/2.0841	56.000/2.2047	1.511/.0595	17.00/.669	F810	8350A IH
		52.955/2.0848	56.020/2.2055				
<b>MAINS</b>							
<b>4M8352A</b> STD, .25, .50	1,2,3,4	61.935/2.4384	66.000/2.5984	2.012/.0792	18.13/.714	F810	8352A UL
		61.955/2.4392	66.020/2.5992				
<b>THRUST</b>							
<b>2T8352</b> STD		68.250/2.6870	79.750/3.1398		2.05/.081	F817	8352T UL
		68.500/2.6968	80.000/3.1496				

18 Engine				Year	Cyl	Bore x Stroke	18
F2 2184cc Inline4 SOHC 2v				01/1987 - 03/1996	L4	86.0mm x mm	
F2 2184cc Inline4 SOHC 3v				04/1987 - 04/1996	L4	86.0mm x mm	
F2-T 2184cc Inline4 SOHC 3v Turbo				10/1987 - 01/1998	L4	86.0mm x 94.0mm	
F8 1789cc Inline4 SOHC 3v				03/1987 - 12/2005	L4	86.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has small oil hole.</i>							
<b>4B2130A</b> STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A IH
		50.955/2.0061	54.017/2.1266				
<b>MAINS</b> <i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
<b>5M8133A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8133A L
		59.955/2.3604	64.019/2.5204				
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A U
		59.955/2.3604	64.019/2.5204				
3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F) U	
	59.955/2.3604	64.019/2.5204					

19 Engine				Year	Cyl	Bore x Stroke	19
D5 1490cc Inline4 SOHC 2v				10/1981 - 12/1986	L4	77.0mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724	43.000/1.6929	1.515/.0596	17.00/.669	F810	8331A IH
		39.954/1.5730	43.019/1.6937				
<b>MAINS</b> <i>Set is full groove.</i>							
<b>5M8354A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5.	49.938/1.9661	53.998/2.1259	2.013/.0793	17.63/.694	F810	8354A IH
		49.956/1.9668	54.018/2.1267				
<b>THRUST</b>							
<b>2T8334</b> STD		57.100/2.2480	68.580/2.7000		2.00/.079	F250	8334T UL
		57.350/2.2579	68.830/2.7098				

20	Engine	Year	Cyl	Bore x Stroke	20
	F6 1587cc Inline4 SOHC	09/1982 - 09/1987	L4	81.0mm x 77.0mm	
	F8 1789cc Inline4 SOHC 2v	01/1983 - 12/2006	L4	86.0mm x 77.0mm	
	FE 1998cc Inline4 SOHC 2v	01/1982 - 12/2006	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has small oil hole.</i>							
<b>4B2130A</b> STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A
		50.955/2.0061	54.017/2.1266				IH
<b>MAINS</b> <i>Half groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
<b>5M8133A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8133A
		59.955/2.3604	64.019/2.5204				L
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A
		59.955/2.3604	64.019/2.5204				U
	3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F)
		59.955/2.3604	64.019/2.5204				U
<b>MAINS</b> <i>Full groove set. Overwidth flange for undersizes: Std = Std, 0.25 = Std+0.10mm, 0.50 = Std+0.18mm, 0.75/1.00 = Std+0.26mm.</i>							
<b>5M8134A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A
		59.955/2.3604	64.019/2.5204				L
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A
		59.955/2.3604	64.019/2.5204				U
	3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8135A(F)
		59.955/2.3604	64.019/2.5204				U
<b>MAINS</b> <i>Full groove set. Std width flange on all undersizes.</i>							
<b>5M8137A</b> .25, .50, .75	1,2,3,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A
		59.955/2.3604	64.019/2.5204				L
	1,2,4,5	59.940/2.3598	64.000/2.5197	2.014/.0793	19.13/.753	F810	8134A
		59.955/2.3604	64.019/2.5204				U
	3	59.937/2.3597	64.000/2.5197	2.014/.0793	27.99/1.102	F810	8137A(F)
		59.955/2.3604	64.019/2.5204				U

21	Engine	Year	Cyl	Bore x Stroke	21
	FP-D 1840cc Inline4 DOHC 4v	01/1998 - 12/2003	L4	83.0mm x 85.0mm	
	FS 1991cc Inline4 DOHC 4v	12/1991 - 12/2003	L4	83.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8300A</b> STD, .25, .50, .75, 1.00		47.940/1.8874	51.000/2.0079	1.510/.0594	17.00/.669	F810	8300A
		47.955/1.8880	51.015/2.0085				IH
<b>MAINS</b>							
<b>5M8302A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	55.937/2.2022	60.000/2.3622	2.010/.0791	17.50/.689	F810	8302A
		55.955/2.2029	60.015/2.3628				UL
<b>THRUST</b>							
<b>1T8302</b> STD		62.000/2.4409	81.350/3.2027		2.55/.100	F817	8302T
		62.250/2.4508	81.600/3.2126				IH

22	Engine	Year	Cyl	Bore x Stroke	22
	G6 2606cc Inline4 SOHC 3v	01/1989 - 12/1994	L4	92.0mm x 98.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Is plain bearing, no oil holes.</i>							
<b>4B8140A</b> STD, .25, .50, .75, 1.00		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	8140A
		50.955/2.0061	54.027/2.1270				IH
<b>MAINS</b> <i>Half groove set. Std width flange on all undersizes.</i>							
<b>5M8138A</b> STD, .25, .50, .75	1,2,3,4,5	59.939/2.3598	63.998/2.5196	2.010/.0791	20.13/.793	F810	8138A
		59.949/2.3602	64.018/2.5204				L
	1,2,3,5	59.939/2.3598	63.998/2.5196	2.010/.0791	20.13/.793	F810	8138A
		59.949/2.3602	64.018/2.5204				U
	4	59.939/2.3598	63.998/2.5196	2.010/.0791	26.00/1.024	F810	8139A(F)
		59.949/2.3602	64.018/2.5204				U





22 Continued ...								22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5C6006A</b> STD	<b>CAMS</b>							
	1,2,3,4,5			1.072/.0422	17.78/.700	F820	6006A	
<b>6BS8033</b> STD	<b>BALANCE</b>							
	Centre		44.000/1.7323 44.021/1.7331	1.984/.0781	26.16/1.030	F820	8034	
	Front		45.999/1.8110 46.020/1.8118	1.984/.0781	23.11/.910	F820	8033	
	Rear		23.997/.9448 24.023/.9458	1.486/.0585	16.13/.635	F820	8035	

23 Engine				Year	Cyl	Bore x Stroke	23
HA 2977cc Inline4 OHV 2v Diesel				01/1977 - 03/1989	L4	95.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1776A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>To be superseded by 4B8144A.</i>				
			61.112/2.4060 61.125/2.4065	64.826/2.5522 64.846/2.5530	1.836/.0723	28.65/1.128	F810
<b>4B8144A</b> STD, .010, .020, .030, .040	<b>CONROD</b>						
			61.110/2.4059 61.125/2.4065	64.833/2.5525 64.850/2.5531	1.835/.0722	28.05/1.104	F810
<b>5M1777A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,3,4,5		75.812/2.9847 75.825/2.9852	80.066/3.1522 80.092/3.1532	2.103/.0828	28.60/1.126	F810
<b>2T1777</b> STD	<b>THRUST</b>						
			84.700/3.3346 84.950/3.3445	101.150/3.9823 101.400/3.9921		2.33/.092	F817
<b>4RB4059</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>				
			31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100
<b>4RB4088</b> UNB, STD	<b>PISTON PIN BUSH</b>						
				33.000/1.2992 33.020/1.3000	1.700/.0669	34.30/1.350	F100
<b>RB4059</b> UNB	<b>PISTON PIN BUSH</b>						
			31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100
<b>RB4088</b> UNB	<b>PISTON PIN BUSH</b>						
				33.000/1.2992 33.020/1.3000	1.700/.0669	34.30/1.350	F100

24 Engine				Year	Cyl	Bore x Stroke	24	
B6 1597cc Inline4 SOHC 2v				10/1985 - 12/1994	L4	78.0mm x 83.6mm		
B6F 1597cc Inline4 SOHC 2v				01/1985 - 08/1998	L4	78.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8351A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>							
			44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F810	8351A IH
<b>RACE SERIES</b> <b>4B8351H</b> STD, .025, .25, .50	<b>CONROD</b>							
			44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F781	8351H IH
<b>RACE SERIES</b> <b>4B8351HX</b> STD	<b>CONROD</b>		<i>0.001" extra oil clearance on STD journal.</i>					
			44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.502/.0591	17.00/.669	F781	8351HX IH
<b>5M8353A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>		<i>Set is half groove.</i>					
	1,2,3,4,5		49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5.		49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L



24 Continued ...							24
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
<b>RACE SERIES</b> <b>5M8353HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.000/.0787	17.63/.694	F780	8354HX U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
<b>5M8354A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Set is full groove.</i>		2.013/.0793	17.63/.694	F810	8354A IH
<b>1T8353</b> STD	<b>THRUST</b>	57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.55/.100	F250	8353T IH

25 Engine				Year	Cyl	Bore x Stroke	25
B5-MI 1498cc Inline4 SOHC 4v				01/1990 - 12/2002	L4	78.0mm x 78.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.515/.0596	17.00/.669	F810	8331A IH
<b>5M8353A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Set is half groove.</i>		2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
<b>RACE SERIES</b> <b>5M8353HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.000/.0787	17.63/.694	F780	8353HX L
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U

26 Engine				Year	Cyl	Bore x Stroke	26
B6D 1597cc Inline4 DOHC 4v				01/1985 - 02/1999	L4	78.0mm x 83.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8351A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F810	8351A IH
<b>RACE SERIES</b> <b>4B8351H</b> STD, .025, .25, .50	<b>CONROD</b>	44.940/1.7693 44.956/1.7699	48.000/1.8898 48.016/1.8904	1.515/.0596	17.00/.669	F781	8351H IH
<b>RACE SERIES</b> <b>4B8351HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.502/.0591	17.00/.669	F781	8351HX IH
<b>5M8353A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Set is half groove.</i>		2.013/.0793	17.63/.694	F810	8354A U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8353A L





26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>5M8353H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8353H L
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F780	8354H U
<b>RACE SERIES</b> <b>5M8353HX</b> STD	<b>MAINS</b> 1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8354HX U
	1,2,3,4,5	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.000/.0787	17.63/.694	F780	8353HX L
<b>5M8354A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5.	49.938/1.9661 49.956/1.9668	53.998/2.1259 54.018/2.1267	2.013/.0793	17.63/.694	F810	8354A IH
<b>1T8353</b> STD	<b>THRUST</b>	57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.55/.100	F250	8353T IH
<b>4RB4108</b> UNB	<b>PISTON PIN BUSH</b>	19.993/.7871		1.720/.0677	21.80/.858	F100	4RB4108
<b>RB4108</b> UNB	<b>PISTON PIN BUSH</b>	19.993/.7871		1.720/.0677	21.80/.858	F100	RB4108

27 Engine				Year	Cyl	Bore x Stroke	27
RF-T 1998cc Inline4 SOHC 2v Turbo Diesel				01/1988 - On	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8143A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	50.940/2.0055 50.955/2.0061	54.002/2.1261 54.020/2.1268	1.510/.0594	21.13/.832	F810	8143A IH
<b>5M2134A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5.	59.940/2.3598 59.955/2.3604	63.999/2.5196 64.019/2.5204	2.007/.0790	19.13/.753	F810	2134A IH
	3	59.940/2.3598 59.955/2.3604	63.999/2.5196 64.019/2.5204	2.007/.0790	21.13/.832	F810	2135A IH
<b>2T2134</b> STD	<b>THRUST</b>	68.800/2.7087 69.050/2.7185	84.000/3.3071 84.250/3.3169		2.05/.081	F250	2134T UL
<b>4RB4262</b> UNB	<b>PISTON PIN BUSH</b>			1.530/.0602	26.80/1.055	F100	4RB4262
<b>RB4262</b> UNB	<b>PISTON PIN BUSH</b>			1.535/.0604	26.80/1.055	F100	RB4262

28 Engine				Year	Cyl	Bore x Stroke	28
YA 3783cc Inline6 SOHC 2v Diesel				12/1969 - 12/1974	L6	88.9mm x 101.6mm	
ZB 4052cc Inline6 OHV 2v Diesel				02/1972 - 05/1987	L6	92.0mm x 101.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1760P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	57.112/2.2485 57.125/2.2490	60.833/2.3950 60.846/2.3955	1.840/.0724	28.55/1.124	F780	1760 IH
<b>7M1747P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	69.812/2.7485 69.825/2.7490	74.066/2.9160 74.092/2.9170	2.100/.0827	28.60/1.126	F780	1747 IH
<b>2T1747</b> STD	<b>THRUST</b>	78.500/3.0905 78.500/3.0905	95.000/3.7402 95.000/3.7402		2.31/.091	F100	1747T UL



**28 Continued ... 28**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4059</b> UNB		31.744/1.2498	34.919/1.3748		26.80/1.055	F100	6RB4059
		31.749/1.2500	34.955/1.3762				
<b>PISTON PIN BUSH</b>							
<b>RB4059</b> UNB		31.744/1.2498	34.919/1.3748		26.80/1.055	F100	RB4059
		31.749/1.2500	34.955/1.3762				

**29 Engine Year Cyl Bore x Stroke 29**  
**WL 2500cc Inline4 SOHC 3v Diesel 01/1996 - On L4 93.0mm x 92.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8240A</b> STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F810	8240A IH
		54.955/2.1636	58.000/2.2835				
<b>CONROD</b>							
<b>4B8240P</b> STD, .25, .50, .75, 1.00		54.940/2.1630	58.020/2.2842	1.505/.0593	23.60/.929	F780	8240 IH
		54.955/2.1636	58.020/2.2842				
<b>MAINS</b>							
<b>5M8242A</b> STD, .25, .50, .75, 1.00	1,2,4,5	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
	3	66.937/2.6353	71.000/2.7953	2.005/.0789	22.57/.889	F810	8242A UL
		66.955/2.6360	71.020/2.7961				
<b>THRUST</b>							
<b>2T8242</b> STD		74.900/2.9488	91.350/3.5964		2.49/.098	F817	8242T UL
		75.150/2.9587	91.600/3.6063				
<b>PISTON PIN BUSH</b> <i>Set of 4. Tapered Bush.</i>							
<b>4RB4111</b> UNB			35.000/1.3780	1.630/.0642	30.80/1.213	F100	4RB4111
			35.030/1.3791				
<b>PISTON PIN BUSH</b> <i>Tapered bush.</i>							
<b>RB4111</b> UNB			35.000/1.3780 35.030/1.3791	1.630/.0642	30.80/1.213	F100	RB4111

**30 Engine Year Cyl Bore x Stroke 30**  
**RF 1998cc Inline4 SOHC 2v Diesel 05/1983 - 12/1992 L4 86.0mm x 86.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has small oil hole.</i>							
<b>4B2130A</b> STD, .25, .50, .75, 1.00, 1.50		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	2130A IH
		50.955/2.0061	54.017/2.1266				
<b>CONROD</b> <i>No oil hole.</i>							
<b>4B8143A</b> STD, .25, .50, .75, 1.00		50.940/2.0055	54.002/2.1261	1.510/.0594	21.13/.832	F810	8143A IH
		50.955/2.0061	54.020/2.1268				
<b>MAINS</b>							
<b>5M2134A</b> STD, .25, .50, .75, 1.00	1,2,4,5.	59.940/2.3598	63.999/2.5196	2.007/.0790	19.13/.753	F810	2134A IH
		59.955/2.3604	64.019/2.5204				
	3	59.940/2.3598	63.999/2.5196	2.007/.0790	21.13/.832	F810	2135A IH
		59.955/2.3604	64.019/2.5204				
<b>THRUST</b>							
<b>2T2134</b> STD		68.800/2.7087	84.000/3.3071		2.05/.081	F250	2134T UL
		69.050/2.7185	84.250/3.3169				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4077</b> UNB		24.987/.9837	28.013/1.1029	1.740/.0685	26.75/1.053	F100	4RB4077
		25.000/.9843	28.033/1.1037				
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits 30mm pin.</i>							
<b>4RB4262</b> UNB				1.530/.0602	26.80/1.055	F100	4RB4262



30 Continued ...							30
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4077</b> UNB		24.987/.9837 25.000/.9843	28.013/1.1029 28.033/1.1037	1.740/.0685	26.75/1.053	F100	RB4077
<b>PISTON PIN BUSH</b> <i>Suits 30mm shaft.</i>							
<b>RB4262</b> UNB				1.535/.0604	26.80/1.055	F100	RB4262

31 Engine				Year	Cyl	Bore x Stroke	31
K8 1844cc V6 DOHC 4v				01/1992 - 12/1997	V6	75.0mm x 69.6mm	
KF 1995cc V6 DOHC 4v				07/1994 - 05/1998	V6	78.0mm x 69.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8146A</b> STD, .25, .50, .75		47.935/1.8872 47.955/1.8880	51.000/2.0079 51.016/2.0085	1.512/.0595	17.00/.669	F810	8146A IH
<b>MAINS</b>							
<b>4M8147A</b> STD, .25, .50, .75	1,2,3	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	18.12/.713	F810	8147A UL
	4	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	22.12/.871	F810	8148A UL
<b>THRUST</b>							
<b>2T8352</b> STD		68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496		2.05/.081	F817	8352T UL

32 Engine				Year	Cyl	Bore x Stroke	32
KJ Miller 2254cc V6 DOHC 4v				09/1993 - 08/2002	V6	80.3mm x 74.2mm	
KL 2496cc V6 DOHC 4v				01/1992 - 04/2001	V6	84.5mm x 74.2mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8149A</b> STD, .25, .50, .75, 1.00		52.940/2.0842 52.955/2.0848	56.000/2.2047 56.020/2.2055	1.511/.0595	17.03/.671	F810	8149A IH
<b>CONROD</b> <i>To be superseded by 6B8149A.</i>							
<b>6B8350A</b> STD, .25, .50, .75, 1.00		52.935/2.0841 52.955/2.0848	56.000/2.2047 56.020/2.2055	1.511/.0595	17.00/.669	F810	8350A IH
<b>MAINS</b>							
<b>4M8147A</b> STD, .25, .50, .75	1,2,3	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	18.12/.713	F810	8147A UL
	4	61.930/2.4382 61.956/2.4392	67.000/2.6378 67.016/2.6384	2.505/.0986	22.12/.871	F810	8148A UL
<b>THRUST</b>							
<b>2T8352</b> STD		68.250/2.6870 68.500/2.6968	79.750/3.1398 80.000/3.1496		2.05/.081	F817	8352T UL

33 Engine				Year	Cyl	Bore x Stroke	33
MA 1970cc Inline4 SOHC 2v				01/1974 - 12/1987	L4	80.0mm x 98.0mm	
VB 1796cc Inline4 SOHC 2v				12/1969 - 12/1980	L4	78.0mm x 94.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1626A</b> STD, .25, .50, .75, 1.00		52.941/2.0843 52.954/2.0848	56.002/2.2048 56.017/2.2054	1.510/.0594	21.97/.865	F810	1626A IH
<b>MAINS</b>							
<b>5M1627A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/.0790	18.00/.709	F810	1627A IH
	3,5	62.939/2.4779 62.954/2.4785	67.010/2.6382 67.018/2.6385	2.007/.0790	24.00/.945	F810	1628A UL

33 Continued ...							33	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2T4162</b> STD	<b>THRUST</b>	69.850/2.7500	85.471/3.3650		2.03/.080	F1	4162T	
		70.100/2.7598	85.725/3.3750				UL	
<b>3C8276</b> STD, .25	<b>CAMS</b>	1	44.945/1.7695	49.009/1.9295	2.014/.0793	24.00/.945	F23	8276
			44.961/1.7701	49.032/1.9304				IH
		2,3	44.945/1.7695	49.009/1.9295	2.014/.0793	18.00/.709	F23	8277
			44.961/1.7701	49.032/1.9304				UL
<b>4RB4017</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.660/.0654	28.07/1.105	F100	4RB4017	
		22.000/.8661	25.000/.9843					25.000/.9843
<b>RB4017</b> UNB	<b>PISTON PIN BUSH</b>			1.660/.0654	28.07/1.105	F100	RB4017	

34 Engine				Year	Cyl	Bore x Stroke	34	
NA 1586cc Inline4 SOHC 2v				10/1970 - 12/1983	L4	78.0mm x 83.0mm		
VC 1769cc Inline4 SOHC 2v				12/1973 - 12/1986	L4	80.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1151A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>22mm wide.</i>		1.510/.0594	21.97/.865	F810	1151A	
		52.941/2.0843	56.002/2.2048					56.017/2.2054
<b>4B1756A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>21mm wide.</i>		1.510/.0594	20.80/.819	F810	1756A	
		52.940/2.0842	56.005/2.2049					56.020/2.2055
<b>5M1627A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	1,2,4	62.939/2.4779	67.010/2.6382	2.007/.0790	18.00/.709	F810	1627A
			62.954/2.4785	67.018/2.6385				IH
		3,5	62.939/2.4779	67.010/2.6382	2.007/.0790	24.00/.945	F810	1628A
			62.954/2.4785	67.018/2.6385				UL
<b>2T4162</b> STD	<b>THRUST</b>	69.850/2.7500	85.471/3.3650		2.03/.080	F1	4162T	
		70.100/2.7598	85.725/3.3750				UL	
<b>3C8276</b> STD, .25	<b>CAMS</b>	1	44.945/1.7695	49.009/1.9295	2.014/.0793	24.00/.945	F23	8276
			44.961/1.7701	49.032/1.9304				IH
		2,3	44.945/1.7695	49.009/1.9295	2.014/.0793	18.00/.709	F23	8277
			44.961/1.7701	49.032/1.9304				UL
<b>4RB4017</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.660/.0654	28.07/1.105	F100	4RB4017	
		22.000/.8661	25.000/.9843					25.000/.9843
<b>RB4017</b> UNB	<b>PISTON PIN BUSH</b>			1.660/.0654	28.07/1.105	F100	RB4017	

35 Engine				Year	Cyl	Bore x Stroke	35	
PC 985cc Inline4 SOHC				01/1970 - 12/1978	L4	70.0mm x 64.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1156A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	44.940/1.7693	48.002/1.8898	1.510/.0594	19.55/.770	F810	1156A	
		44.955/1.7699	48.017/1.8904				IH	
<b>5M1167A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b>	1,2,4	62.940/2.4779	67.000/2.6378	2.010/.0791	20.06/.790	F810	1167A
			62.955/2.4785	67.019/2.6385				IH
		3,5	62.940/2.4779	67.000/2.6378	2.010/.0791	23.11/.910	F810	1168A
			62.955/2.4785	67.019/2.6385				IH





35 Continued ...								35
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2T1167</b> STD	<b>THRUST</b>	69.980/2.7551	79.760/3.1402		2.00/.079	F250	1167T	
		70.230/2.7650	80.010/3.1500				UL	
<b>4RB4024</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.660/.0654	24.25/.955	F100	4RB4024	
<b>RB4024</b> UNB	<b>PISTON PIN BUSH</b>			1.660/.0654	24.25/.955	F100	RB4024	
36 Engine				Year	Cyl	Bore x Stroke		36
PN 1720cc Inline4 SOHC Diesel				06/1985 - 02/1996	L4	78.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8330A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	48.942/1.9268	52.000/2.0472	1.511/.0595	18.13/.714	F810	8330A	
		48.955/1.9274	52.013/2.0478				IH	
<b>5M8335A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	55.935/2.2022	60.000/2.3622	2.010/.0791	17.63/.694	F810	8335A	
		55.955/2.2029	60.013/2.3627				UL	
<b>1T8335</b> STD	<b>THRUST</b>	62.250/2.4508	78.750/3.1004		2.55/.100	F817	8335T	
		62.500/2.4606	79.000/3.1102				IH	
<b>4RB4261</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.535/.0604	22.80/.898	F100	4RB4261	
		24.990/.9839	28.000/1.1024	28.020/1.1031				
<b>RB4261</b> UNB	<b>PISTON PIN BUSH</b>	24.990/.9839	28.000/1.1024	1.535/.0604	22.80/.898	F100	RB4261	
		25.000/.9843	28.020/1.1031					
37 Engine				Year	Cyl	Bore x Stroke		37
R2 2184cc Inline4 SOHC 2v Diesel				01/1980 - 02/2000	L4	86.0mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2130A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has small oil hole.</i>			1.510/.0594	21.13/.832	F810	2130A
		50.940/2.0055	54.002/2.1261	54.017/2.1266				IH
<b>5M2134A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	59.940/2.3598	63.999/2.5196	2.007/.0790	19.13/.753	F810	2134A	
		59.955/2.3604	64.019/2.5204				IH	
	3	59.940/2.3598	63.999/2.5196	2.007/.0790	21.13/.832	F810	2135A	
		59.955/2.3604	64.019/2.5204				IH	
<b>2T2134</b> STD	<b>THRUST</b>	68.800/2.7087	84.000/3.3071		2.05/.081	F250	2134T	
		69.050/2.7185	84.250/3.3169				UL	
<b>4RB4077</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.740/.0685	26.75/1.053	F100	4RB4077	
		24.987/.9837	28.013/1.1029	28.033/1.1037				
<b>RB4077</b> UNB	<b>PISTON PIN BUSH</b>	24.987/.9837	28.013/1.1029	1.740/.0685	26.75/1.053	F100	RB4077	
		25.000/.9843	28.033/1.1037					
38 Engine				Year	Cyl	Bore x Stroke		38
XB 2701cc Inline4 OHV 2v Diesel				04/1972 - 02/1977	L4	92.0mm x 101.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1760P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>			1.840/.0724	28.55/1.124	F780	1760
		57.112/2.2485	60.833/2.3950	60.846/2.3955				IH

**38 Continued ... 38**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1747P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,3,4,5	69.812/2.7485 69.825/2.7490	74.066/2.9160 74.092/2.9170	2.100/.0827	28.60/1.126	F780	1747 IH
<b>2T1747</b> STD	<b>THRUST</b>						
		78.500/3.0905 78.500/3.0905	95.000/3.7402 95.000/3.7402		2.31/.091	F100	1747T UL
<b>4RB4059</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100	4RB4059
<b>RB4059</b> UNB	<b>PISTON PIN BUSH</b>						
		31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100	RB4059

**39 Engine Year Cyl Bore x Stroke 39**

XA 2522cc Inline4 OHV 2v Diesel 06/1967 - 06/1989 L4 88.9mm x 101.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1760P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		57.112/2.2485 57.125/2.2490	60.833/2.3950 60.846/2.3955	1.840/.0724	28.55/1.124	F780	1760 IH
<b>5M1747P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,3,4,5	69.812/2.7485 69.825/2.7490	74.066/2.9160 74.092/2.9170	2.100/.0827	28.60/1.126	F780	1747 IH
<b>2T1747</b> STD	<b>THRUST</b>						
		78.500/3.0905 78.500/3.0905	95.000/3.7402 95.000/3.7402		2.31/.091	F100	1747T UL
<b>4RB4059</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100	4RB4059
<b>4RB4264</b>	<b>PISTON PIN BUSH</b>		31.000/1.2205	1.530/.0602	30.70/1.209	F100	4RB4264
<b>RB4059</b> UNB	<b>PISTON PIN BUSH</b>						
		31.744/1.2498 31.749/1.2500	34.919/1.3748 34.955/1.3762		26.80/1.055	F100	RB4059
<b>RB4264</b>	<b>PISTON PIN BUSH</b>		31.000/1.2205	1.530/.0602	30.70/1.209	F100	RB4264

**40 Engine Year Cyl Bore x Stroke 40**

S2 2209cc Inline4 OHV 2v Diesel 09/1979 - 12/1996 L4 88.9mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1750A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>						
		52.987/2.0861 53.000/2.0866	56.683/2.2316 56.696/2.2321	1.833/.0722	28.60/1.126	F810	1750A IH
<b>5M1748A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,3,4,5	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/.0781	28.60/1.126	F810	1748A U
	1,2,4,5	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/.0781	28.60/1.126	F810	1748A L
	3	64.987/2.5585 65.000/2.5591	68.987/2.7160 69.000/2.7165	1.983/.0781	28.60/1.126	F810	1749A L
<b>2T1748</b> STD	<b>THRUST</b>						
		73.500/2.8937 73.500/2.8937	90.300/3.5551 90.300/3.5551		2.33/.092	F250	1748T UL
<b>4RB4068</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		28.000/1.1024 28.000/1.1024	30.987/1.2200 31.000/1.2205	1.730/.0681	26.80/1.055	F100	4RB4068





40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4068</b> UNB		28.000/1.1024 28.000/1.1024	30.987/1.2200 31.000/1.2205	1.730/.0681	26.80/1.055	F100	RB4068

41 Engine		Year	Cyl	Bore x Stroke	41		
SL 3455cc Inline4 OHV 2v Diesel		02/1984 - 12/1989	L4	100.0mm x 110.0mm			
SL 3455cc Inline4 OHV 2v Turbo Diesel		02/1987 - 12/1992	L4	100.0mm x 110.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>							
<b>4B8144A</b> STD, 010, 020, 030, 040		61.110/2.4059 61.125/2.4065	64.833/2.5525 64.850/2.5531	1.835/.0722	28.05/1.104	F810	8144A IH

<b>MAINS</b>							
<b>5M1777A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.812/2.9847 75.825/2.9852	80.066/3.1522 80.092/3.1532	2.103/.0828	28.60/1.126	F810	1777A IH

<b>THRUST</b>							
<b>2T1777</b> STD		84.700/3.3346 84.950/3.3445	101.150/3.9823 101.400/3.9921		2.33/.092	F817	1777T UL

<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4078</b> UNB		33.980/1.3378 34.000/1.3386	37.000/1.4567 37.025/1.4577	1.620/.0638	34.30/1.350	F100	4RB4078

<b>PISTON PIN BUSH</b>							
<b>RB4078</b> UNB		33.980/1.3378 34.000/1.3386	37.000/1.4567 37.025/1.4577	1.620/.0638	34.30/1.350	F100	RB4078

42 Engine		Year	Cyl	Bore x Stroke	42		
TC 1272cc Inline4 SOHC 2v		01/1970 - 12/1980	L4	73.0mm x 76.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>							
<b>4B1156A</b> STD, .25, .50, .75, 1.00, 1.50		44.940/1.7693 44.955/1.7699	48.002/1.8898 48.017/1.8904	1.510/.0594	19.55/.770	F810	1156A IH

<b>CONROD</b>							
<b>4B8331A</b> STD, .25, .50, .75, 1.00, 1.25		39.939/1.5724 39.954/1.5730	43.000/1.6929 43.019/1.6937	1.515/.0596	17.00/.669	F810	8331A IH

<b>MAINS</b>							
<b>5M1167A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,4	62.940/2.4779 62.955/2.4785	67.000/2.6378 67.019/2.6385	2.010/.0791	20.06/.790	F810	1167A IH
	3,5	62.940/2.4779 62.955/2.4785	67.000/2.6378 67.019/2.6385	2.010/.0791	23.11/.910	F810	1168A IH

<b>MAINS</b>							
<b>5M8334A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.939/1.9661 49.954/1.9667	54.000/2.1260 54.020/2.1268	2.012/.0792	19.00/.748	F810	8334A IH

<b>THRUST</b>							
<b>2T1167</b> STD		69.980/2.7551 70.230/2.7650	79.760/3.1402 80.010/3.1500		2.00/.079	F250	1167T UL

<b>THRUST</b>							
<b>2T8334</b> STD		57.100/2.2480 57.350/2.2579	68.580/2.7000 68.830/2.7098		2.00/.079	F250	8334T UL

<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4024</b> UNB				1.660/.0654	24.25/.955	F100	4RB4024

<b>PISTON PIN BUSH</b>							
<b>RB4024</b> UNB				1.660/.0654	24.25/.955	F100	RB4024

43 Engine		Year		Cyl	Bore x Stroke	43	
UA 1484cc Inline4 SOHC		01/1966 - 12/1977		L4	75.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1155A</b> STD, .25, .50, .75		49.935/1.9659	53.000/2.0866	1.510/.0594	20.90/.823	F820	1155A
		49.955/1.9667	53.020/2.0874				IH
<b>MAINS</b>							
<i>Set contains overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.16mm, 0.50mm=Std+0.24mm, 0.75mm=Std+0.32mm, 1.00mm=Std+0.40mm.</i>							
<b>3M1757A</b> STD, .25, .50, .75, 1.00	1	62.940/2.4779	67.005/2.6380	2.008/.0791	24.63/.970	F810	1757A
		62.955/2.4785	67.020/2.6386				IH
	2	62.940/2.4779	67.005/2.6380	2.008/.0791	36.02/1.418	F810	1758A(F)
		62.955/2.4785	67.020/2.6386				IH
	3	62.940/2.4779	67.005/2.6380	2.008/.0791	30.13/1.186	F810	1759A
		62.955/2.4785	67.020/2.6386				IH
<b>CAMS</b>							
<b>3C8227</b> STD	1	49.977/1.9676	53.000/2.0866	1.505/.0593	25.10/.988	F23	8227
		49.990/1.9681	53.030/2.0878				
	2	48.977/1.9282	52.000/2.0472	1.505/.0593	28.10/1.106	F23	8228
		48.990/1.9287	52.030/2.0484				
	3	44.977/1.7707	48.000/1.8898	1.505/.0593	25.10/.988	F23	8229
		44.990/1.7713	48.017/1.8904				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4017</b> UNB		22.000/.8661	25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
		22.000/.8661	25.000/.9843				
<b>PISTON PIN BUSH</b>							
<b>RB4017</b> UNB				1.660/.0654	28.07/1.105	F100	RB4017

44 Engine		Year		Cyl	Bore x Stroke	44	
UB 1490cc Inline4 SOHC		05/1967 - 12/1974		L4	78.0mm x 78.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>22mm wide.</i>							
<b>4B1151A</b> STD, .25, .50, .75, 1.00, 1.50		52.941/2.0843	56.002/2.2048	1.510/.0594	21.97/.865	F810	1151A
		52.954/2.0848	56.017/2.2054				IH
<b>MAINS</b>							
<b>5M1627A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4	62.939/2.4779	67.010/2.6382	2.007/.0790	18.00/.709	F810	1627A
		62.954/2.4785	67.018/2.6385				IH
	3,5	62.939/2.4779	67.010/2.6382	2.007/.0790	24.00/.945	F810	1628A
		62.954/2.4785	67.018/2.6385				UL
<b>THRUST</b>							
<b>2T4162</b> STD		69.850/2.7500	85.471/3.3650		2.03/.080	F1	4162T
		70.100/2.7598	85.725/3.3750				UL
<b>CAMS</b>							
<b>3C8276</b> STD, .25	1	44.945/1.7695	49.009/1.9295	2.014/.0793	24.00/.945	F23	8276
		44.961/1.7701	49.032/1.9304				IH
	2,3	44.945/1.7695	49.009/1.9295	2.014/.0793	18.00/.709	F23	8277
		44.961/1.7701	49.032/1.9304				UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4017</b> UNB		22.000/.8661	25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
		22.000/.8661	25.000/.9843				
<b>PISTON PIN BUSH</b>							
<b>RB4017</b> UNB				1.660/.0654	28.07/1.105	F100	RB4017



45 Engine		Year		Cyl	Bore x Stroke		45
VA 1985cc Inline4 OHV 2v		12/1971 - 12/1994		L4	82.0mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>21mm wide.</i>							
<b>4B1756A</b> STD, .25, .50, .75, 1.00		52.940/2.0842	56.005/2.2049	1.510/.0594	20.80/.819	F810	1756A
		52.955/2.0848	56.020/2.2055				IH
<b>MAINS</b> <i>Set contains overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.16mm, 0.50mm=Std+0.24mm, 0.75mm=Std+0.32mm, 1.00mm=Std+0.40mm.</i>							
<b>3M1757A</b> STD, .25, .50, .75, 1.00	1	62.940/2.4779	67.005/2.6380	2.008/.0791	24.63/.970	F810	1757A
		62.955/2.4785	67.020/2.6386				IH
	2	62.940/2.4779	67.005/2.6380	2.008/.0791	36.02/1.418	F810	1758A(F)
		62.955/2.4785	67.020/2.6386				IH
<b>3C1764A</b> STD	3	62.940/2.4779	67.005/2.6380	2.008/.0791	30.13/1.186	F810	1759A
		62.955/2.4785	67.020/2.6386				IH
<b>CAMS</b>							
<b>3C1764A</b> STD	1		53.000/2.0866	1.505/.0593	25.10/.988	F820	1764A
	2		52.000/2.0472	1.505/.0593	28.10/1.106	F820	1765A
	3		48.000/1.8898	1.505/.0593	25.10/.988	F820	1769A
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4017</b> UNB		22.000/.8661	25.000/.9843	1.660/.0654	28.07/1.105	F100	4RB4017
		22.000/.8661	25.000/.9843				
<b>PISTON PIN BUSH</b>							
<b>RB4017</b> UNB				1.660/.0654	28.07/1.105	F100	RB4017

46 Engine		Year		Cyl	Bore x Stroke		46
TF 4021cc Inline4 OHV 2v Diesel TM 4553cc Inline4 OHV 2v Diesel		01/1989 - On 01/1992 - On		L4 L4	105.5mm x 115.0mm 109.0mm x 122.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8547A</b> STD, .25, .50, .75, 1.00			68.100/2.6811	2.030/.0799	29.90/1.177	F810	8547A
			68.120/2.6819				IH
<b>MAINS</b>							
<b>5M8548A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	78.880/3.1055	84.100/3.3110	2.525/.0994	29.40/1.158	F810	8548A
		78.980/3.1094	84.120/3.3118				UL
<b>THRUST</b>							
<b>2T8548</b> STD, .25			104.400/4.1102		2.33/.092	F817	8548T
							UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4260</b> UNB				1.530/.0602	36.80/1.449	F100	4RB4260
<b>PISTON PIN BUSH</b>							
<b>RB4260</b> UNB				1.530/.0602	36.80/1.449	F100	RB4260

47 Engine		Year		Cyl	Bore x Stroke		47
YF 1989cc Inline4 DOHC 4v		03/2001 - 12/2004		L4	84.8mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B4135A</b> STD, .25, .50, .75		46.890/1.8461	49.890/1.9642	1.475/.0581	20.10/.791	F810	4135A
		46.910/1.8468	49.910/1.9650				IH
<b>MAINS</b>							
<b>5M7193A</b> STD, .25, .50, .75	1,2,3,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				L
	1,2,4,5	57.980/2.2827	62.287/2.4522	2.131/.0839	19.21/.756	F810	7193A
		58.000/2.2835	62.300/2.4528				U



# Mazda



47 Continued ...								47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M7193A</b> STD, .25, .50, .75	3	57.980/2.2827 58.000/2.2835	62.287/2.4522 62.300/2.4528	2.131/.0839	24.68/.972	F810	7195A(F) U	
48 Engine				Year	Cyl	Bore x Stroke	48	
AJ MZI 2967cc V6 DOHC 4v				02/2001 - 12/2006	V6	89.0mm x 79.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>6B4395A</b> STD, .25, .50, .75		49.972/1.9674 49.990/1.9681	53.015/2.0872 53.035/2.0880	1.501/.0591	18.00/.709	F810	4395A IH	
<b>MAINS</b> <i>Set includes thrustwasher.</i>								
<b>4M7262A</b> STD, .25, .50, .75	1,2,4,5	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.021/2.6780	2.502/.0985	17.90/.705	F810	7262A UL	
	3	62.969/2.4791 62.992/2.4800	67.998/2.6771 68.021/2.6780	2.502/.0985	22.30/.878	F810	7263A L	
<b>PISTON PIN BUSH</b>								
<b>RB4114</b> UNB			24.015/.9455 24.040/.9465	1.850/.0728	21.00/.827	F100	RB4114	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
M160 599cc Inline3 SOHC 2v Turbo	01/1998 - 01/2007	L3	599	36	47
M166.940 1397cc Inline4 SOHC 2v	10/1997 - 08/2004	L4	1397	85	13
M266.920 1498cc Inline4 SOHC 2v	09/2004 - On	L4	1498	91	14
M166.960/961 1598cc Inline4 SOHC 2v	07/1997 - 07/2005	L4	1598	97	13
OM668 Series1689cc Inline4 DOHC 4v Turbo Diesel	07/1998 - 12/2005	L4	1689	103	46
M266.940 1699cc Inline4 SOHC 2v	09/2004 - On	L4	1699	103	14
M136 Series 1767cc Inline4 2v	01/1949 - 12/1957	L4	1767	107	51
OM636 Series 1767cc Inline4 2v Diesel	01/1949 - 12/1961	L4	1767	107	51
M271 Series 1796cc Inline4 DOHC 4v Supercharged	03/2002 - On	L4	1796	109	16
M102 Series 1797cc Inline4 SOHC 2v	04/1990 - 12/1993	L4	1797	109	1
M111.920/921 1799cc Inline4 DOHC 4v	03/1993 - 02/2001	L4	1799	109	4
M166.990/991 1898cc Inline4 SOHC 2v	03/1999 - 07/2005	L4	1898	115	13
M115 Series 1988cc Inline4 2v	07/1965 - 08/1980	L4	1988	121	7
M121 Series 1988cc Inline4 2v	08/1965 - 02/1968	L4	1988	121	42
OM615 Series 1988cc Inline4 2v Diesel	01/1968 - 12/1989	L4	1988	121	38
OM621 Series 1988cc Inline4 2v Diesel	01/1965 - 12/1969	L4	1988	121	42
M102 Series 1997cc Inline4 SOHC 2v	06/1980 - 08/1993	L4	1997	121	1
OM601 Series 1997cc Inline4 SOHC 2v Diesel	09/1983 - 12/1995	L4	1997	121	22
OM604.915/917 1997cc Inline4 DOHC 4v Diesel	10/1996 - 03/2002	L4	1997	121	30
M111 Series 1998cc Inline4 DOHC 4v	10/1992 - 05/2002	L4	1998	121	4
M111 Series 1998cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	1998	121	4
M266.960 2034cc Inline4 SOHC 2v	09/2004 - On	L4	2034	124	15
M266.980 2034cc Inline4 SOHC 2v Turbo	04/2005 - On	L4	2034	124	15
M166.995 2084cc Inline4 SOHC 2v	03/2002 - 08/2004	L4	2084	127	13
OM611 Series 2148cc Inline4 DOHC 4v Turbo Diesel	01/1999 - 10/2006	L4	2148	131	35
OM646 Series 2148cc Inline4 DOHC 4v Turbo Diesel	03/2003 - On	L4	2148	131	43
OM611 Series 2151cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 12/1998	L4	2151	131	35
OM604.910/912 2155cc Inline4 DOHC 4v Diesel	08/1993 - 03/2002	L4	2155	131	30
M127 Series 2196cc Inline6 2v	07/1958 - 12/1965	L6	2196	134	11
M180 Series 2196cc Inline6 2v	01/1954 - 12/1976	L6	2196	134	11
M115 Series 2197cc Inline4 2v	01/1968 - 12/1974	L4	2197	134	7
OM601.921 (USA) 2197cc Inline4 SOHC 2v Diesel	09/1983 - 07/1985	L4	2197	134	22
OM615 Series 2197cc Inline4 2v Diesel	01/1968 - 12/1980	L4	2197	134	38
M111.960/961 2199cc Inline4 DOHC 4v	10/1992 - 05/2000	L4	2199	134	4
M180 Series 2292cc Inline6 2v	08/1959 - 12/1967	L6	2292	139	11
M111 Series 2295cc Inline4 DOHC 4v	02/1995 - 05/2006	L4	2295	140	4
M111 Series 2295cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	2295	140	4
M161.971 2295cc Inline4 DOHC 4v	01/1996 - On	L4	2295	140	4
M102 Series 2299cc Inline4 SOHC 2v	04/1977 - 02/1996	L4	2299	140	1
OM601 Series 2299cc Inline4 SOHC 2v Diesel	01/1986 - 05/2006	L4	2299	140	22
OM601.970 2299cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 08/2003	L4	2299	140	23
OM661.911 2299cc Inline4 SOHC 2v Diesel	01/1996 - On	L4	2299	140	44
M180 Series 2306cc Inline6 2v	08/1965 - 11/1976	L6	2306	140	50
M115 Series 2307cc Inline4 2v	08/1973 - 08/1982	L4	2307	140	7
M127 Series 2307cc Inline6 2v	03/1963 - 12/1967	L6	2307	140	10
M112 Series 2398cc V6 SOHC 3v	06/1997 - 05/2005	V6	2398	146	5
OM616 Series 2399cc Inline4 2v Diesel	01/1975 - 04/1989	L4	2399	146	39
M108 Series 2496cc Inline6 2v	01/1965 - 01/1968	L6	2496	152	12
M114 Series 2496cc Inline6 2v	01/1968 - 12/1973	L6	2496	152	6
M129 Series 2496cc Inline6 2v	01/1967 - 01/1968	L6	2496	152	12
OM602 Series 2497cc Inline5 SOHC 2v Diesel	04/1985 - 02/2001	L5	2497	152	24
OM602.961/962 2497cc Inline5 SOHC 2v Turbo Diesel	02/1988 - 06/1996	L5	2497	152	25
OM605 Series 2497cc Inline5 DOHC 4v Diesel	06/1993 - 05/2000	L5	2497	152	31
OM605.960/962 2497cc Inline5 DOHC 4v Turbo Diesel	10/1995 - 03/2001	L5	2497	152	32
M102 Series 2498cc Inline4 DOHC 4v	09/1988 - 08/1993	L4	2498	152	1
M123.920/921 2525cc Inline6 2v	01/1976 - 07/1985	L6	2525	154	53
M103 Series 2597cc Inline6 SOHC 2v	10/1982 - 08/1993	L6	2597	158	2
M112 Series 2597cc V6 SOHC 3v	06/1999 - 03/2010	V6	2597	158	5



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
OM612 Series 2685cc Inline5 DOHC 4v Turbo Diesel	07/1999 - 05/2006	L5	2685	163	36
OM647 Series 2685cc Inline5 DOHC 4v Turbo Diesel	03/2002 - 07/2009	L5	2685	163	36
M110 Series 2746cc Inline6 DOHC 2v	06/1972 - 08/1989	L6	2746	167	3
M130 2778cc Inline6 SOHC 2v	01/1968 - 12/1976	L6	2778	169	6
M104 Series 2799cc Inline6 DOHC 4v	09/1992 - 05/2000	L6	2799	170	2
M112 Series 2799cc V6 SOHC 3v	06/1995 - 08/2005	V6	2799	170	5
OM602 Series 2874cc Inline5 SOHC 2v Diesel	10/1988 - On	L5	2874	175	27
OM602 Series 2874cc Inline5 SOHC 2v Turbo Diesel	04/1992 - On	L5	2874	175	26
OM662.911 2874cc Inline5 SOHC 2v Diesel	01/1996 - On	L5	2874	175	45
M103 Series 2960cc Inline6 SOHC 2v	01/1985 - 09/1997	L6	2960	180	2
M104.980/981 2960cc Inline6 DOHC 4v	03/1989 - 06/1996	L6	2960	180	2
M189 Series 2996cc Inline6 2v	01/1961 - 12/1967	L6	2996	182	52
OM603 Series 2996cc Inline6 SOHC 2v Diesel	03/1979 - 07/1999	L6	2996	182	28
OM603 Series 2996cc Inline6 SOHC 2v Turbo Diesel	09/1986 - 06/1995	L6	2996	182	29
OM606 Series 2996cc Inline6 DOHC 4v Turbo Diesel	05/1996 - 07/1999	L6	2996	182	34
OM606.910/912 2996cc Inline6 DOHC 4v Diesel	06/1993 - 06/1997	L6	2996	182	33
OM617 Series 2998cc Inline5 2v Diesel	08/1973 - 12/1990	L5	2998	182	40
OM617 Series 2998cc Inline5 2v Turbo Diesel	01/1978 - 12/1985	L5	2998	182	41
M104 Series 3199cc Inline6 DOHC 4v	03/1991 - 10/2001	L6	3199	195	2
M112 Series 3199cc V6 SOHC 3v	06/1997 - 03/2010	V6	3199	195	5
M162 3199cc Inline6 DOHC 4v	01/1996 - 12/2008	L6	3199	195	48
OM613 Series 3222cc Inline6 DOHC 4v Turbo Diesel	06/1999 - 03/2003	L6	3222	196	37
OM648 Series 3222cc Inline6 DOHC 4v Turbo Diesel	09/2002 - 07/2009	L6	3222	196	37
OM603 Series 3449cc Inline6 SOHC 2v Turbo Diesel	06/1991 - 10/1998	L6	3449	210	29
M116 Series 3499cc V8 SOHC 2v	01/1969 - 02/1980	V8	3499	213	8
M112 Series 3724cc V6 SOHC 3v	08/2002 - On	V6	3724	227	5
OM314 3782cc Inline4 2v Diesel	01/1966 - 12/1989	L4	3782	230	55
M116 Series 3818cc V8 SOHC 2v	12/1979 - 12/1986	V8	3818	232	8
OM354 3972cc Inline4 2v Turbo Diesel	01/1994 - On	L4	3972	242	19
OM364 3972cc Inline4 2v Diesel	01/1984 - On	L4	3972	242	19
OM364 3972cc Inline4 2v Turbo Diesel	01/1984 - On	L4	3972	242	19
OM374 3972cc Inline4 2v Diesel	01/1964 - On	L4	3972	242	19
OM374 3972cc Inline4 2v Turbo Diesel	01/1984 - On	L4	3972	242	19
M116 Series 4196cc V8 SOHC 2v	01/1985 - 12/1991	V8	4196	256	8
M119 Series 4196cc V8 DOHC 4v	02/1991 - 08/1999	V8	4196	256	9
M113 Series 4266cc V8 SOHC 3v	06/1997 - 08/2005	V8	4266	260	54
M117 Series 4520cc V8 SOHC 2v	01/1972 - 10/1980	V8	4520	275	8
M113 Series 4966cc V8 SOHC 3v	04/1998 - 01/2012	V8	4966	303	54
M117 Series 4973cc V8 SOHC 2v	06/1978 - 10/1994	V8	4973	303	8
M119 Series 4973cc V8 DOHC 4v	01/1989 - 12/1999	V8	4973	303	9
M119.960 4973cc V8 DOHC 4v	03/1989 - 08/1992	V8	4973	303	49
M113 Series 5439cc V8 SOHC 3v	08/1997 - 01/2012	V8	5439	331	54
M117.967/968 5547cc V8 SOHC 2v	10/1985 - 06/1991	V8	5547	338	8
OM344 5675cc Inline6 2v Diesel	01/1964 - On	L6	5675	346	17
OM352 5675cc Inline6 2v Diesel	01/1965 - 12/1989	L6	5675	346	18
OM353 5675cc Inline6 2v Diesel	01/1964 - 12/1991	L6	5675	346	18
OM362 5675cc Inline6 2v Turbo Diesel	01/1983 - 12/1985	L6	5675	346	21
OM356 5958cc Inline6 2v Diesel	01/1992 - On	L6	5958	363	20
OM357 5958cc Inline6 2v Turbo Diesel	01/1994 - On	L6	5958	363	20
OM366 5958cc Inline6 2v Diesel	01/1984 - On	L6	5958	363	20
OM366 5958cc Inline6 2v Turbo Diesel	01/1984 - On	L6	5958	363	20
OM372 5958cc Inline6 2v Diesel	01/1964 - On	L6	5958	363	20
OM372 5958cc Inline6 2v Turbo Diesel	01/1964 - On	L6	5958	363	20
OM382 5958cc Inline6 2v Diesel	01/1977 - On	L6	5958	363	20
OM382 5958cc Inline6 2v Turbo Diesel	01/1985 - On	L6	5958	363	20



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1 Engine		Year	Cyl	Bore x Stroke	1		
M102 Series 1797cc Inline4 SOHC 2v		04/1990 - 12/1993	L4	89.0mm x 72.2mm			
M102 Series 1997cc Inline4 SOHC 2v		06/1980 - 08/1993	L4	89.0mm x 80.3mm			
M102 Series 2299cc Inline4 SOHC 2v		04/1977 - 02/1996	L4	95.5mm x 80.3mm			
M102 Series 2498cc Inline4 DOHC 4v		09/1988 - 08/1993	L4	95.5mm x 87.2mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have a hole. Suits up to 12/1983.</i>							
<b>4B2510P</b> STD, .25, .50, .75, 1.00		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2510 IH
		47.965/1.8884	51.619/2.0322				
<b>CONROD</b> <i>Bearings have a slot. Suits from 1984 on.</i>							
<b>4B2526P</b> STD, .25, .50, .75, 1.00		47.950/1.8878	51.600/2.0315	1.814/.0714	21.80/.858	F780	2526 IH
		47.965/1.8884	51.619/2.0322				
<b>MAINS</b> <i>Suits until 12/1985.</i>							
<b>5M2524A</b> STD, .25, .50, .75, 1.0	1,2,3,4,5	57.950/2.2815	62.500/2.4606	2.261/.0890	21.40/.843	F810	2524A UL
		57.965/2.2821	62.519/2.4614				
<b>MAINS</b> <i>Suits from 1985 on.</i>							
<b>5M2873A</b> STD, .25, .50, .75, 1.0	1,2,3,4,5	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>THRUST</b>							
<b>2T2525</b> STD, .10		65.800/2.5905	80.750/3.1791		4.20/.165	F817	2525T UL
		66.050/2.6004	81.000/3.1890				
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits up to 12/1982.</i>							
<b>4RB4212</b> UNB		23.996/.9447	27.000/1.0630		27.60/1.087	F100	4RB4212
		24.000/.9449	27.021/1.0638				
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits from 1983 on.</i>							
<b>4RB4213</b> UNB		21.995/.8659	24.500/.9646		21.90/.862	F100	4RB4213
		22.000/.8661	24.521/.9654				

2 Engine		Year	Cyl	Bore x Stroke	2		
M103 Series 2597cc Inline6 SOHC 2v		10/1982 - 08/1993	L6	82.8mm x 80.3mm			
M103 Series 2960cc Inline6 SOHC 2v		01/1985 - 09/1997	L6	88.5mm x 80.3mm			
M104 Series 2799cc Inline6 DOHC 4v		09/1992 - 05/2000	L6	89.9mm x 73.5mm			
M104 Series 3199cc Inline6 DOHC 4v		03/1991 - 10/2001	L6	89.9mm x 84.0mm			
M104.980/981 2960cc Inline6 DOHC 4v		03/1989 - 06/1996	L6	88.5mm x 80.2mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have a slot.</i>							
<b>6B2526P</b> STD, .25, .50, .75, 1.00		47.950/1.8878	51.600/2.0315	1.814/.0714	21.80/.858	F780	2526 IH
		47.965/1.8884	51.619/2.0322				
<b>MAINS</b>							
<b>7M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>PISTON PIN BUSH</b> <i>Set of 6. Suits from 1983 on.</i>							
<b>6RB4213</b> UNB		21.995/.8659	24.500/.9646		21.90/.862	F100	6RB4213
		22.000/.8661	24.521/.9654				

3 Engine		Year	Cyl	Bore x Stroke	3		
M110 Series 2746cc Inline6 DOHC 2v		06/1972 - 08/1989	L6	86.0mm x 78.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2510P</b> STD, .25, .50, .75, 1.00		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2510 IH
		47.965/1.8884	51.619/2.0322				



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3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Suits from 1977 on. Position 4 has no groove, all other positions are fully grooved.</i>							
<b>7M2527A</b> STD, .25, .50	1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810	2527A UL
	3	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F810	2529A(F) UL
	4	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810	2528A UL
	<b>MAINS</b> <i>Suits from 1977 on. Position 4 has no groove, all other positions are fully grooved.</i>						
	<b>7M2527P</b> STD, .25, .50	1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780
3		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F780	2529(F) UL
4		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780	2528 UL
<b>MAINS</b> <i>Position 4 has no groove, all other positions are half grooved.</i>							
<b>7M2880A</b> STD, .25, .50		1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810
	3	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F810	2889A(F) UL
	4	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F810	2880A UL
	<b>MAINS</b> <i>Position 4 has no groove, all other positions are half grooved.</i>						
	<b>7M2880P</b> STD, .25, .50	1,2,5,6,7	59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780
3		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	28.90/1.138	F780	2889(F) UL
4		59.955/2.3604 59.965/2.3608	67.000/2.6378 67.019/2.6385	3.505/.1380	22.50/.886	F780	2880 UL
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4214</b> UNB				26.000/1.0236 26.021/1.0244		27.60/1.087	F100

4 Engine	Year	Cyl	Bore x Stroke	4
M111 Series 1998cc Inline4 DOHC 4v	10/1992 - 05/2002	L4	89.9mm x 78.7mm	
M111 Series 1998cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	89.9mm x 78.7mm	
M111 Series 2295cc Inline4 DOHC 4v	02/1995 - 05/2006	L4	90.9mm x 88.4mm	
M111 Series 2295cc Inline4 DOHC 4v Supercharged	10/1995 - 04/2004	L4	90.9mm x 88.4mm	
M111.920/921 1799cc Inline4 DOHC 4v	03/1993 - 02/2001	L4	85.3mm x 78.7mm	
M111.960/961 2199cc Inline4 DOHC 4v	10/1992 - 05/2000	L4	89.9mm x 86.6mm	
M161.971 2295cc Inline4 DOHC 4v	01/1996 - On	L4	90.9mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have a slot. Suits from 1984 on.</i>							
<b>4B2526P</b> STD, .25, .50, .75, 1.00		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.814/.0714	21.80/.858	F780	2526 IH
	<b>MAINS</b> <i>Suits from 1985 on.</i>						
<b>5M2873A</b> STD, .25, .50, .75, 1.0	1,2,3,4,5	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
	<b>THRUST</b>						
<b>2T2873</b> STD, .10		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
	<b>PISTON PIN BUSH</b> <i>Set of 4. Suits from 1983 on.</i>						
<b>4RB4213</b> UNB		21.995/.8659 22.000/.8661	24.500/.9646 24.521/.9654		21.90/.862	F100	4RB4213



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5	Engine	Year	Cyl	Bore x Stroke	5
	M112 Series 2398cc V6 SOHC 3v	06/1997 - 05/2005	V6	83.2mm x 73.5mm	
	M112 Series 2597cc V6 SOHC 3v	06/1999 - 03/2010	V6	89.9mm x 68.2mm	
	M112 Series 2799cc V6 SOHC 3v	06/1995 - 08/2005	V6	89.9mm x 73.5mm	
	M112 Series 3199cc V6 SOHC 3v	06/1997 - 03/2010	V6	89.9mm x 84.0mm	
	M112 Series 3724cc V6 SOHC 3v	08/2002 - On	V6	97.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8724P</b> STD, .20		51.940/2.0449	55.600/2.1890	1.814/.0714	19.60/.772	F780	8724
		51.965/2.0459	55.614/2.1895				IH
<b>MAINS</b>							
<b>4M8725A</b> STD, .20	1,2,3,4	63.940/2.5173	68.500/2.6968	2.263/.0891	19.00/.748	F810	8725A
		63.965/2.5183	68.519/2.6976				UL

6	Engine	Year	Cyl	Bore x Stroke	6
	M114 Series 2496cc Inline6 2v	01/1968 - 12/1973	L6	82.0mm x 78.8mm	
	M130 2778cc Inline6 SOHC 2v	01/1968 - 12/1976	L6	86.5mm x 78.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2886P</b> STD, .25, .50		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2886
		47.965/1.8884	51.619/2.0322				IH
<b>MAINS</b>							
<b>7M2880A</b> STD, .25, .50	1,2,5,6,7	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F810	2887A
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.505/.1380	28.90/1.138	F810	2889A(F)
		59.965/2.3608	67.019/2.6385				UL
	4	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F810	2880A
		59.965/2.3608	67.019/2.6385				UL
<b>MAINS</b>							
<b>7M2880P</b> STD, .25, .50	1,2,5,6,7	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F780	2887
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.505/.1380	28.90/1.138	F780	2889(F)
		59.965/2.3608	67.019/2.6385				UL
	4	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F780	2880
		59.965/2.3608	67.019/2.6385				UL
<b>PISTON PIN BUSH</b>							
<b>RB4215</b> UNB			28.000/1.1024		27.60/1.087	F100	RB4215

7	Engine	Year	Cyl	Bore x Stroke	7
	M115 Series 1988cc Inline4 2v	07/1965 - 08/1980	L4	87.0mm x 83.6mm	
	M115 Series 2197cc Inline4 2v	01/1968 - 12/1974	L4	87.0mm x 92.4mm	
	M115 Series 2307cc Inline4 2v	08/1973 - 08/1982	L4	93.8mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2515A</b> STD, .25, .50, .75, 1.00		<i>No hole.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F810	2515A
		51.965/2.0459	55.619/2.1897				IH
<b>CONROD</b>							
<b>4B2515P</b> STD, .25, .50, .75, 1.00		<i>No hole.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F780	2515
		51.965/2.0459	55.619/2.1897				IH
<b>CONROD</b>							
<b>4B2516A</b> STD, .25, .50, .75, 1.00, 1.50		<i>One oil hole in upper half.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F810	2516A
		51.965/2.0459	55.619/2.1897				UL
<b>CONROD</b>							
<b>4B2516P</b> STD, .25, .50, .75, 1.00, 1.50		<i>One oil hole in upper half.</i>					
		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F780	2516
		51.965/2.0459	55.619/2.1897				UL



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## 7 Continued ... 7

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2519A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>						
	1,2,4,5	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.90/1.335	F810	2519A(F) UL
	<b>MAINS</b>						
<b>5M2519P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.939/2.7535 69.965/2.7545	74.501/2.9331 74.519/2.9338	2.256/.0888	27.00/1.063	F780	2517 UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.91/1.335	F780	2519(F) IH
	<b>PISTON PIN BUSH</b>						
	<b>4RB4010</b> UNB		25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100
<b>RB4010</b> UNB	<b>PISTON PIN BUSH</b>						
		25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100	RB4010

## 8 Engine Year Cyl Bore x Stroke 8

M116 Series 3499cc V8 SOHC 2v	01/1969 - 02/1980	V8	92.0mm x 65.8mm
M116 Series 3818cc V8 SOHC 2v	12/1979 - 12/1986	V8	88.0mm x 78.9mm
M116 Series 4196cc V8 SOHC 2v	01/1985 - 12/1991	V8	92.0mm x 78.9mm
M117 Series 4520cc V8 SOHC 2v	01/1972 - 10/1980	V8	92.0mm x 85.0mm
M117 Series 4973cc V8 SOHC 2v	06/1978 - 10/1994	V8	96.5mm x 85.0mm
M117.967/968 5547cc V8 SOHC 2v	10/1985 - 06/1991	V8	96.5mm x 94.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>8B8704P</b> STD, .25	<b>CONROD</b>	<i>Suits engines up to 12/1980.</i>					
		51.945/2.0451 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.810/.0713	22.00/.866	F780	8704 IH
<b>8B8705P</b> STD, .25	<b>CONROD</b>	<i>Suits engines from 1981 on.</i>					
		47.945/1.8876 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.810/.0713	22.00/.866	F780	8705 IH
<b>5M8708P</b> STD, .25, .50	<b>MAINS</b>						
		63.955/2.5179 63.965/2.5183	68.500/2.6968 68.519/2.6976	2.254/.0887	21.00/.827	F780	8708 UL
		63.955/2.5179 63.965/2.5183	68.500/2.6968 68.519/2.6976	2.254/.0887	26.90/1.059	F780	8709(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4216</b> UNB			29.000/1.1417		27.60/1.087	F100	RB4216
<b>RB4217</b> UNB	<b>PISTON PIN BUSH</b>						
			26.000/1.0236		27.60/1.087	F100	RB4217

## 9 Engine Year Cyl Bore x Stroke 9

M119 Series 4196cc V8 DOHC 4v	02/1991 - 08/1999	V8	92.0mm x 78.9mm
M119 Series 4973cc V8 DOHC 4v	01/1989 - 12/1999	V8	96.5mm x 85.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>8B8706P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Bearings have a slot.</i>					
		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.810/.0713	21.80/.858	F780	8706 UL
<b>5M8713P</b> STD, .25	<b>MAINS</b>						
		63.950/2.5177 63.965/2.5183	68.500/2.6968 68.519/2.6976	2.254/.0887	26.90/1.059	F780	8714(F) UL
		63.950/2.5177 63.965/2.5183	68.480/2.6961 68.499/2.6968	2.254/.0887	17.00/.669	F780	8713 UL
	<b>PISTON PIN BUSH</b>						





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10 Engine		Year		Cyl	Bore x Stroke		10
M127 Series 2307cc Inline6 2v		03/1963 - 12/1967		L6	82.0mm x 72.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2876P</b> STD, .25, .50		47.955/1.8880	51.600/2.0315	1.803/.0710	24.10/.949	F780	2876
		47.965/1.8884	51.619/2.0322				IH
<b>MAINS</b>							
<b>4M2878P</b> STD, .25, .50	1,2,4	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F)
		59.965/2.3608	67.019/2.6385				UL
11 Engine		Year		Cyl	Bore x Stroke		11
M127 Series 2196cc Inline6 2v		07/1958 - 12/1965		L6	80.0mm x 72.8mm		
M180 Series 2196cc Inline6 2v		01/1954 - 12/1976		L6	80.0mm x 72.8mm		
M180 Series 2292cc Inline6 2v		08/1959 - 12/1967		L6	81.8mm x 72.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Suits engines up to 1964.</i>							
<b>6B1041P</b> STD, .25, .50		47.940/1.8874	54.000/2.1260	3.005/.1183	24.10/.949	F780	1041
		47.960/1.8882	54.018/2.1267				IH
<b>CONROD</b>							
<b>6B2876P</b> STD, .25, .50		47.955/1.8880	51.600/2.0315	1.803/.0710	24.10/.949	F780	2876
		47.965/1.8884	51.619/2.0322				IH
<b>MAINS</b>							
<b>4M2878P</b> STD, .25, .50	1,2,4	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042
		59.965/2.3608	67.019/2.6385				UL
	3	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F)
		59.965/2.3608	67.019/2.6385				UL
12 Engine		Year		Cyl	Bore x Stroke		12
M108 Series 2496cc Inline6 2v		01/1965 - 01/1968		L6	82.0mm x 78.8mm		
M129 Series 2496cc Inline6 2v		01/1967 - 01/1968		L6	82.0mm x 78.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Was 6B2870P.</i>							
<b>6B8734P</b> STD, .25, .50		47.940/1.8874	51.600/2.0315	1.803/.0710	24.10/.949	F780	8734
		47.960/1.8882	51.619/2.0322				UL
<b>MAINS</b>							
<b>7M2878P</b> STD, .25, .50	1,4,7	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042
		59.965/2.3608	67.019/2.6385				UL
	2,3,6	59.955/2.3604	67.000/2.6378	3.502/.1379	21.00/.827	F780	2879
		59.965/2.3608	67.019/2.6385				UL
	5	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F)
		59.965/2.3608	67.019/2.6385				UL
13 Engine		Year		Cyl	Bore x Stroke		13
M166.940 1397cc Inline4 SOHC 2v		10/1997 - 08/2004		L4	80.0mm x 69.5mm		
M166.960/961 1598cc Inline4 SOHC 2v		07/1997 - 07/2005		L4	80.0mm x 79.5mm		
M166.990/991 1898cc Inline4 SOHC 2v		03/1999 - 07/2005		L4	84.0mm x 85.6mm		
M166.995 2084cc Inline4 SOHC 2v		03/2002 - 08/2004		L4	84.0mm x 94.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8720A</b> STD, .25				1.814/.0714	18.90/.744	F810	8720A
							IH
<b>CONROD</b>							
<b>4B8720P</b> STD, .25				1.814/.0714	18.90/.744	F780	8720
							IH

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## 13 Continued ... 13

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8722A</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	54.940/2.1630 54.965/2.1640	59.000/2.3228 59.019/2.3236	2.012/.0792	17.00/.669	F810	8722A UL
	<b>THRUST</b>						
<b>2T8722</b> STD					2.20/.087	F817	8722T UL
<b>RB4221</b> UNB	<b>PISTON PIN BUSH</b>		22.500/.8858 22.521/.8867		18.90/.744	F100	RB4221

## 14 Engine Year Cyl Bore x Stroke 14

M266.920 1498cc Inline4 SOHC 2v	09/2004 - On	L4	83.0mm x 69.2mm
M266.940 1699cc Inline4 SOHC 2v	09/2004 - On	L4	83.0mm x 78.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8716P</b> STD, .25	<b>CONROD</b>	45.940/1.8087 45.965/1.8096	49.600/1.9528 49.614/1.9533	1.813/.0714	19.90/.784	F780	8716 IH
	<b>MAINS</b> 1,2,3,4,5	54.950/2.1634 54.975/2.1644	59.000/2.3228 59.019/2.3236				
<b>5M8718A</b> STD, .25				2.004/.0789	20.00/.787	F810	8718A UL
<b>2T8718</b> STD	<b>THRUST</b>				2.20/.087	F817	8718T UL
<b>RB4219</b>	<b>PISTON PIN BUSH</b>		21.500/.8465 21.521/.8473		19.90/.784	F100	RB4219

## 15 Engine Year Cyl Bore x Stroke 15

M266.960 2034cc Inline4 SOHC 2v	09/2004 - On	L4	83.0mm x 94.0mm
M266.980 2034cc Inline4 SOHC 2v Turbo	04/2005 - On	L4	83.0mm x 94.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8716P</b> STD, .25	<b>CONROD</b>	45.940/1.8087 45.965/1.8096	49.600/1.9528 49.614/1.9533	1.813/.0714	19.90/.784	F780	8716 IH
	<b>MAINS</b> 1,2,3,4,5	54.950/2.1634 54.975/2.1644	59.000/2.3228 59.019/2.3236				
<b>5M8718A</b> STD, .25				2.004/.0789	20.00/.787	F810	8718A UL
<b>2T8718</b> STD	<b>THRUST</b>				2.20/.087	F817	8718T UL
<b>RB4220</b>	<b>PISTON PIN BUSH</b>		22.500/.8858 22.521/.8867		19.90/.784	F100	RB4220

## 16 Engine Year Cyl Bore x Stroke 16

M271 Series 1796cc Inline4 DOHC 4v Supercharged	03/2002 - On	L4	82.0mm x 85.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8717P</b> STD, .25	<b>CONROD</b>	47.941/1.8874 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.815/.0715	20.00/.787	F780	8717 IH
	<b>MAINS</b> 1,2,3,4,5	54.940/2.1630 54.965/2.1640	59.000/2.3228 59.019/2.3236				
<b>5M8719A</b> STD, .25				2.019/.0795	20.00/.787	F810	8719A UL
<b>2T8718</b> STD	<b>THRUST</b>				2.20/.087	F817	8718T UL





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16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4218</b> UNB			22.500/.8858 22.521/.8867		19.90/.784	F100	RB4218

17 Engine		Year	Cyl	Bore x Stroke	17
OM344 5675cc Inline6 2v Diesel		01/1964 - On	L6	97.0mm x 128.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>								
<b>1B8241</b> STD, .005, .010, .020, .030, .040		31.984/1.2592 31.999/1.2598	35.000/1.3780 35.016/1.3786	1.486/.0585	17.01/.670	F23	8241 UL	
<b>CONROD</b> 29.40 mm wide version.								
<b>4B2865A</b> STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH	
<b>CONROD</b> 32.10 mm wide version.								
<b>4B2866P</b> STD, .25, .50, .75, 1.00, 1.50		59.990/2.3618 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.471/.0973	32.10/1.264	F780	2866 IH	
<b>CAMS</b>								
<b>4C8246</b> STD	1	55.941/2.2024 55.960/2.2031	60.000/2.3622 60.030/2.3634	2.012/.0792	26.24/1.033	F23	8246	
	2	55.691/2.1926 55.710/2.1933	60.000/2.3622 60.030/2.3634	2.136/.0841	26.24/1.033	F23	8247	
	3	55.441/2.1827 55.460/2.1835	60.000/2.3622 60.030/2.3634	2.263/.0891	26.24/1.033	F23	8248	
	4	55.191/2.1729 55.210/2.1736	60.000/2.3622 60.030/2.3634	2.388/.0940	26.24/1.033	F23	8249	
	<b>PISTON PIN BUSH</b>							
	<b>RB4020</b> UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

18 Engine		Year	Cyl	Bore x Stroke	18
OM352 5675cc Inline6 2v Diesel		01/1965 - 12/1989	L6	97.0mm x 128.0mm	
OM353 5675cc Inline6 2v Diesel		01/1964 - 12/1991	L6	97.0mm x 128.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>								
<b>1B8241</b> STD, .005, .010, .020, .030, .040		31.984/1.2592 31.999/1.2598	35.000/1.3780 35.016/1.3786	1.486/.0585	17.01/.670	F23	8241 UL	
<b>CONROD</b> 29.4mm wide.								
<b>6B2865A</b> STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH	
<b>CONROD</b> 32.1mm wide.								
<b>6B2866P</b> STD, .25, .50, .75, 1.00, 1.25		59.990/2.3618 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.471/.0973	32.10/1.264	F780	2866 IH	
<b>MAINS</b> Std width flanges.								
<b>7M2867P</b> STD, .25, .50, .75, 1.00, 1.2	1,2,3,5,6,7	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2867 UL	
	4	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2868(F) UL	
	<b>MAINS</b> Set has overwidth flanges on undersizes: Std=Std, 0.25/0.50/0.75/1.00mm=Std+1.00mm.							
	<b>7M2869P</b> STD, .25, .50, .75, 1.00	1,2,3,5,6,7	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2867 UL
4		87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2869(F) UL	
<b>CAMS</b>								
<b>4C8246</b> STD		1	55.941/2.2024 55.960/2.2031	60.000/2.3622 60.030/2.3634	2.012/.0792	26.24/1.033	F23	8246
	2	55.691/2.1926 55.710/2.1933	60.000/2.3622 60.030/2.3634	2.136/.0841	26.24/1.033	F23	8247	



18 Continued ...							18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C8246</b> STD.	3	55.441/2.1827 55.460/2.1835	60.000/2.3622 60.030/2.3634	2.263/.0891	26.24/1.033	F23	8248
	4	55.191/2.1729 55.210/2.1736	60.000/2.3622 60.030/2.3634	2.388/.0940	26.24/1.033	F23	8249
<b>PISTON PIN BUSH</b>							
<b>RB4020</b> UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

19 Engine				Year	Cyl	Bore x Stroke	19
OM354 3972cc Inline4 2v Turbo Diesel				01/1994 - On	L4	97.5mm x 133.0mm	
OM364 3972cc Inline4 2v Diesel				01/1984 - On	L4	97.5mm x 133.0mm	
OM364 3972cc Inline4 2v Turbo Diesel				01/1984 - On	L4	97.5mm x 133.0mm	
OM374 3972cc Inline4 2v Diesel				01/1964 - On	L4	97.5mm x 133.0mm	
OM374 3972cc Inline4 2v Turbo Diesel				01/1984 - On	L4	97.5mm x 133.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>29.40 mm wide version.</i>							
<b>4B2865A</b> STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH
	<b>MAINS</b>						
<b>5M2870P</b> STD, .25, .50, .75, 1.00	1,2,3,4	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2871 UL
	5	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2870(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4020</b> UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

20 Engine				Year	Cyl	Bore x Stroke	20
OM356 5958cc Inline6 2v Diesel				01/1992 - On	L6	97.5mm x 133.0mm	
OM357 5958cc Inline6 2v Turbo Diesel				01/1994 - On	L6	97.5mm x 133.0mm	
OM366 5958cc Inline6 2v Diesel				01/1984 - On	L6	97.5mm x 133.0mm	
OM366 5958cc Inline6 2v Turbo Diesel				01/1984 - On	L6	97.5mm x 133.0mm	
OM372 5958cc Inline6 2v Diesel				01/1964 - On	L6	97.5mm x 133.0mm	
OM372 5958cc Inline6 2v Turbo Diesel				01/1964 - On	L6	97.5mm x 133.0mm	
OM382 5958cc Inline6 2v Diesel				01/1977 - On	L6	97.5mm x 133.0mm	
OM382 5958cc Inline6 2v Turbo Diesel				01/1985 - On	L6	97.5mm x 133.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>29.4mm wide.</i>							
<b>6B2865A</b> STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH
	<b>MAINS</b>						
<b>7M2870P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2871 UL
	7	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2870(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4020</b> UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020

21 Engine				Year	Cyl	Bore x Stroke	21
OM362 5675cc Inline6 2v Turbo Diesel				01/1983 - 12/1985	L6	97.0mm x 128.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>1B8241</b> STD, 005, 010, 020, 030, 040		31.984/1.2592 31.999/1.2598	35.000/1.3780 35.016/1.3786	1.486/.0585	17.01/.670	F23	8241 UL





21 Continued ...							21	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B2865A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>29.4mm wide.</i>		65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH
		59.995/2.3620 60.015/2.3628						
<b>6B2866P</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	<i>32.1mm wide.</i>		65.000/2.5591 65.019/2.5598	2.471/.0973	32.10/1.264	F780	2866 IH
		59.990/2.3618 60.015/2.3628						
<b>RB4020</b> UNB	<b>PISTON PIN BUSH</b>		39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020	

22 Engine			Year	Cyl	Bore x Stroke	22
OM601 Series 1997cc Inline4 SOHC 2v Diesel			09/1983 - 12/1995	L4	87.0mm x 84.0mm	
OM601 Series 2299cc Inline4 SOHC 2v Diesel			01/1986 - 05/2006	L4	89.0mm x 92.4mm	
OM601.921 (USA) 2197cc Inline4 SOHC 2v Diesel			09/1983 - 07/1985	L4	87.0mm x 92.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8740A</b> STD, .25, .50	<b>CONROD</b>	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
<b>5M2873A</b> STD, .25, .50, .75, 1.0	<b>MAINS</b> 1,2,3,4,5	<i>Suits from 1985 on.</i>		2.261/.0890	17.50/.689	F810	2873A UL
		57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614				
<b>2T2873</b> STD, .10	<b>THRUST</b>	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>4RB4227</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 26mm pin.</i>			21.90/.862	F100	4RB4227
		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229				
<b>4RB4228</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 27mm pin.</i>			24.00/.945	F100	4RB4228
		26.995/1.0628 27.000/1.0630	29.500/1.1614 29.521/1.1622				
<b>RB4227</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. Suits 26mm pin.</i>			21.90/.862	F100	RB4227
		25.995/1.0234 26.000/1.0236	28.500/1.1220 28.521/1.1229				
<b>RB4228</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 27mm pin.</i>			24.00/.945	F100	RB4228
		26.995/1.0628 27.000/1.0630	29.500/1.1614 29.521/1.1622				

23 Engine			Year	Cyl	Bore x Stroke	23
OM601.970 2299cc Inline4 SOHC 2v Turbo Diesel			02/1996 - 08/2003	L4	89.0mm x 92.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8741D</b> STD, .25, .50	<b>CONROD</b>	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A L
		47.965/1.8884	51.619/2.0322				
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D U
		47.965/1.8884	51.619/2.0322				
<b>4B8741P</b> STD, .25, .50	<b>CONROD</b>	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741 IH
		47.965/1.8884	51.619/2.0322				
<b>5M2873A</b> STD, .25, .50, .75, 1.0	<b>MAINS</b> 1,2,3,4,5	<i>Suits from 1985 on.</i>		2.261/.0890	17.50/.689	F810	2873A UL
		57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614				
<b>2T2873</b> STD, .10	<b>THRUST</b>	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				



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## 23 Continued ... 23

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits 26mm pin.</i>							
<b>4RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	4RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits 27mm pin.</i>							
<b>4RB4228</b> UNB		26.995/1.0628	29.500/1.1614		24.00/.945	F100	4RB4228
		27.000/1.0630	29.521/1.1622				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>							
<b>RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Suits 27mm pin.</i>							
<b>RB4228</b> UNB		26.995/1.0628	29.500/1.1614		24.00/.945	F100	RB4228
		27.000/1.0630	29.521/1.1622				

## 24 Engine Year Cyl Bore x Stroke 24

OM602 Series 2497cc Inline5 SOHC 2v Diesel 04/1985 - 02/2001 L5 87.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8740A</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
<b>MAINS</b>							
<b>6M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>PISTON PIN BUSH</b> <i>Set of 5. Suits 26mm pin.</i>							
<b>5RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	5RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>							
<b>RB4225</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>							
<b>RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 28mm pin.</i>							
<b>RB4229</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

## 25 Engine Year Cyl Bore x Stroke 25

OM602.961/962 2497cc Inline5 SOHC 2v Turbo Diesel 02/1988 - 06/1996 L5 87.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8741D</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D U
		47.965/1.8884	51.619/2.0322				
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A L
		47.965/1.8884	51.619/2.0322				
<b>CONROD</b>							
<b>4B8741P</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741 IH
		47.965/1.8884	51.619/2.0322				
<b>MAINS</b>							
<b>6M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				



25 Continued ...							25
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>PISTON PIN BUSH</b> <i>Set of 5. Suits 26mm pin.</i>						
<b>5RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	5RB4227
		26.000/1.0236	28.521/1.1229				
	<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>						
<b>RB4225</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
	<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>						
<b>RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
	<b>PISTON PIN BUSH</b> <i>Single piece. Suits 28mm pin.</i>						
<b>RB4229</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

26 Engine				Year	Cyl	Bore x Stroke	26
OM602 Series 2874cc Inline5 SOHC 2v Turbo Diesel				04/1992 - On	L5	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>5B8741D</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D
		47.965/1.8884	51.619/2.0322				U
	<b>CONROD</b>						
<b>5B8741P</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741
		47.965/1.8884	51.619/2.0322				IH
	<b>MAINS</b>						
<b>6M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
	<b>THRUST</b>						
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
	<b>PISTON PIN BUSH</b> <i>Set of 5. Suits 26mm pin.</i>						
<b>5RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	5RB4227
		26.000/1.0236	28.521/1.1229				
	<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>						
<b>RB4225</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
	<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>						
<b>RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
	<b>PISTON PIN BUSH</b> <i>Single piece. Suits 28mm pin.</i>						
<b>RB4229</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

27 Engine				Year	Cyl	Bore x Stroke	27
OM602 Series 2874cc Inline5 SOHC 2v Diesel				10/1988 - On	L5	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>5B8740A</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A
		47.965/1.8884	51.619/2.0322				IH
	<b>MAINS</b>						
<b>6M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
	<b>THRUST</b>						
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL



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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 5. Suits 26mm pin.</i>							
<b>5RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	5RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>							
<b>RB4225</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>							
<b>RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 28mm pin.</i>							
<b>RB4229</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

## 28 Engine Year Cyl Bore x Stroke 28

OM603 Series 2996cc Inline6 SOHC 2v Diesel 03/1979 - 07/1999 L6 87.0mm x 84.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8740A</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
<b>MAINS</b>							
<b>7M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 26mm pin.</i>							
<b>6RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	6RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>							
<b>RB4225</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>							
<b>RB4227</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 28mm pin.</i>							
<b>RB4229</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

## 29 Engine Year Cyl Bore x Stroke 29

OM603 Series 2996cc Inline6 SOHC 2v Turbo Diesel 09/1986 - 06/1995 L6 87.0mm x 84.0mm  
OM603 Series 3449cc Inline6 SOHC 2v Turbo Diesel 06/1991 - 10/1998 L6 89.0mm x 92.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8741D</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A L
		47.965/1.8884	51.619/2.0322				
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D U
		47.965/1.8884	51.619/2.0322				
<b>CONROD</b>							
<b>6B8741P</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741 IH
		47.965/1.8884	51.619/2.0322				
<b>MAINS</b>							
<b>7M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				



29 Continued ...							29
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6RB4227</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6. Suits 26mm pin.</i>					
		25.995/1.0234	28.500/1.1220		21.90/.862	F100	6RB4227
		26.000/1.0236	28.521/1.1229				
<b>RB4225</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single Piece. Suits 28mm pin.</i>					
		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>RB4227</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. Suits 26mm pin.</i>					
		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4227
		26.000/1.0236	28.521/1.1229				
<b>RB4229</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. Suits 28mm pin.</i>					
		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4229
		28.000/1.1024	30.525/1.2018				

30 Engine			Year	Cyl	Bore x Stroke	30
OM604.910/912 2155cc Inline4 DOHC 4v Diesel			08/1993 - 03/2002	L4	89.0mm x 86.6mm	
OM604.915/917 1997cc Inline4 DOHC 4v Diesel			10/1996 - 03/2002	L4	87.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8740A</b> STD, .25, .50	<b>CONROD</b>	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
<b>5M2873A</b> STD, .25, .50, .75, 1.0	<b>MAINS</b> 1,2,3,4,5	<i>Suits from 1985 on.</i>					
		57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>2T2873</b> STD, .10	<b>THRUST</b>	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>RB4225</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single Piece. Suits 28mm pin.</i>					
		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>RB4226</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. Suits 26mm pin.</i>					
		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4226
		26.000/1.0236	28.521/1.1229				

31 Engine			Year	Cyl	Bore x Stroke	31
OM605 Series 2497cc Inline5 DOHC 4v Diesel			06/1993 - 05/2000	L5	87.0mm x 84.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B8740A</b> STD, .25, .50	<b>CONROD</b>	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A IH
		47.965/1.8884	51.619/2.0322				
<b>6M2873A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				
<b>2T2873</b> STD, .10	<b>THRUST</b>	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>RB4225</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single Piece. Suits 28mm pin.</i>					
		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>RB4226</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. Suits 26mm pin.</i>					
		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4226
		26.000/1.0236	28.521/1.1229				



# Mercedes Benz



32 Engine		Year		Cyl	Bore x Stroke		32
OM605.960/962 2497cc Inline5 DOHC 4v Turbo Diesel		10/1995 - 03/2001		L5	87.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>5B8741D</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D
		47.965/1.8884	51.619/2.0322				U
<b>CONROD</b>							
<b>5B8741P</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741
		47.965/1.8884	51.619/2.0322				IH
<b>MAINS</b>							
<b>6M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>							
<b>RB4225</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>							
<b>RB4226</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4226
		26.000/1.0236	28.521/1.1229				

33 Engine		Year		Cyl	Bore x Stroke		33
OM606.910/912 2996cc Inline6 DOHC 4v Diesel		06/1993 - 06/1997		L6	87.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8740A</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8740A
		47.965/1.8884	51.619/2.0322				IH
<b>MAINS</b>							
<b>7M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>							
<b>RB4225</b> UNB		27.995/1.1022	30.500/1.2008		21.90/.862	F100	RB4225
		28.000/1.1024	30.521/1.2016				
<b>PISTON PIN BUSH</b> <i>Single piece. Suits 26mm pin.</i>							
<b>RB4226</b> UNB		25.995/1.0234	28.500/1.1220		21.90/.862	F100	RB4226
		26.000/1.0236	28.521/1.1229				

34 Engine		Year		Cyl	Bore x Stroke		34
OM606 Series 2996cc Inline6 DOHC 4v Turbo Diesel		05/1996 - 07/1999		L6	87.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8741D</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8741A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8741D
		47.965/1.8884	51.619/2.0322				U
<b>CONROD</b>							
<b>6B8741P</b> STD, .25, .50		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8741
		47.965/1.8884	51.619/2.0322				IH
<b>MAINS</b>							
<b>7M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A
		57.965/2.2821	62.519/2.4614				UL





34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T2873</b> STD, .10	<b>THRUST</b>	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL
		66.050/2.6004	81.000/3.1890				
<b>RB4225</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single Piece. Suits 28mm pin.</i>			21.90/.862	F100	RB4225
		27.995/1.1022	30.500/1.2008				
<b>RB4226</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. Suits 26mm pin.</i>			21.90/.862	F100	RB4226
		25.995/1.0234	28.500/1.1220				
		26.000/1.0236	28.521/1.1229				

35 Engine	Year	Cyl	Bore x Stroke	35
OM611 Series 2148cc Inline4 DOHC 4v Turbo Diesel	01/1999 - 10/2006	L4	88.0mm x 88.3mm	
OM611 Series 2151cc Inline4 DOHC 4v Turbo Diesel	01/1998 - 12/1998	L4	88.0mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>1B8700D</b> STD, .25, .50, .75	<b>CONROD</b>	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A L	
		47.965/1.8884	51.619/2.0322					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D U	
		47.965/1.8884	51.619/2.0322					
<b>1B8700P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700 U	
		47.965/1.8884	51.619/2.0322					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A L	
		47.965/1.8884	51.619/2.0322					
<b>4B8700D</b> STD, .25, .50, .75	<b>CONROD</b>	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D U	
		47.965/1.8884	51.619/2.0322					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A L	
		47.965/1.8884	51.619/2.0322					
<b>4B8700P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>One pair only, order number of pairs required.</i>						
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700 U	
		47.965/1.8884	51.619/2.0322					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A L	
		47.965/1.8884	51.619/2.0322					
<b>1M8702D</b> STD, .25	<b>MAINS</b>	<i>One pair only, order number of pairs required.</i>						
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A U	
		57.965/2.2821	62.519/2.4614					
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D L	
		57.965/2.2821	62.519/2.4614					
<b>1M8702P</b> STD, .25	<b>MAINS</b>	<i>One pair only, order number of pairs required.</i>						
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702 L	
		57.965/2.2821	62.519/2.4614					
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A U	
		57.965/2.2821	62.519/2.4614					
<b>5M8702D</b> STD, .25	<b>MAINS</b>	1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D L
			57.965/2.2821	62.519/2.4614				
		1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A U
			57.965/2.2821	62.519/2.4614				
<b>5M8702P</b> STD, 0.25	<b>MAINS</b>	1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702 L
			57.965/2.2821	62.519/2.4614				
		1,2,3,4,5	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A U
			57.965/2.2821	62.519/2.4614				
<b>2T2873</b> STD, .10	<b>THRUST</b>	65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T UL	
		66.050/2.6004	81.000/3.1890					



**35 Continued ... 35**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>4RB4211</b>		28.992/1.1414	32.000/1.2598		32.00/1.260	F100	4RB4211
		28.997/1.1416	32.025/1.2608				

**36 Engine Year Cyl Bore x Stroke 36**

OM612 Series 2685cc Inline5 DOHC 4v Turbo Diesel	07/1999 - 05/2006	L5	88.0mm x 88.3mm
OM647 Series 2685cc Inline5 DOHC 4v Turbo Diesel	03/2002 - 07/2009	L5	88.0mm x 88.3mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>One pair only, order number of pairs required.</i>							
<b>1B8700D</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U
<b>CONROD</b>							
<i>One pair only, order number of pairs required.</i>							
<b>1B8700P</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
<b>CONROD</b>							
<b>5B8700D</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U
<b>CONROD</b>							
<b>5B8700P</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
<b>MAINS</b>							
<i>One pair only, order number of pairs required.</i>							
<b>1M8702D</b> STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L
<b>MAINS</b>							
<i>One pair only, order number of pairs required.</i>							
<b>1M8702P</b> STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
<b>MAINS</b>							
<b>6M8702D</b> STD, .25	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L
	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
<b>MAINS</b>							
<b>6M8702P</b> STD, .25	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
	1,2,3,4,5,6	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
<b>PISTON PIN BUSH</b>							
<i>Set of 5.</i>							
<b>5RB4231</b> UNB			32.500/1.2795		21.90/.862	F100	5RB4231
			32.521/1.2804				





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37 Engine		Year		Cyl	Bore x Stroke		37
OM613 Series 322cc Inline6 DOHC 4v Turbo Diesel		06/1999 - 03/2003		L6	88.0mm x 88.3mm		
OM648 Series 322cc Inline6 DOHC 4v Turbo Diesel		09/2002 - 07/2009		L6	88.0mm x 88.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>One pair only, order number of pairs required.</i>							
<b>1B8700D</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U
<b>CONROD</b> <i>One pair only, order number of pairs required.</i>							
<b>1B8700P</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
<b>CONROD</b>							
<b>6B8700D</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U
<b>CONROD</b>							
<b>6B8700P</b> STD, .25, .50, .75		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
<b>MAINS</b> <i>One pair only, order number of pairs required.</i>							
<b>1M8702D</b> STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L
<b>MAINS</b> <i>One pair only, order number of pairs required.</i>							
<b>1M8702P</b> STD, .25		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
<b>MAINS</b>							
<b>7M8702D</b> STD, .25	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L
<b>MAINS</b>							
<b>7M8702P</b> STD, .25	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
	1,2,3,4,5,6,7	57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
<b>THRUST</b>							
<b>2T2873</b> STD, .10		65.800/2.5905	80.750/3.1791		2.20/.087	F817	2873T
		66.050/2.6004	81.000/3.1890				UL
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4231</b> UNB			32.500/1.2795		21.90/.862	F100	6RB4231
			32.521/1.2804				

38 Engine		Year		Cyl	Bore x Stroke		38
OM615 Series 1988cc Inline4 2v Diesel		01/1968 - 12/1989		L4	87.0mm x 83.6mm		
OM615 Series 2197cc Inline4 2v Diesel		01/1968 - 12/1980		L4	87.0mm x 92.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>One oil hole in upper half.</i>							
<b>4B2516A</b> STD, .25, .50, .75, 1.00, 1.50		51.955/2.0455	55.600/2.1890	1.805/.0711	26.00/1.024	F810	2516A
		51.965/2.0459	55.619/2.1897				UL

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38		Continued ...						38
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2516P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>One oil hole in upper half.</i>		1.805/.0711	26.00/1.024	F780	2516 UL	
		51.955/2.0455	55.600/2.1890	51.965/2.0459	55.619/2.1897			
<b>4B8736A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No hole.</i>		1.805/.0711	26.00/1.024	F810	8736A IH	
		51.955/2.0455	55.600/2.1890	51.965/2.0459	55.619/2.1897			
<b>5M2519A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,2,4,5	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810	2517A UL	
		69.965/2.7545	74.519/2.9338					
	3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.90/1.335	F810	2519A(F) UL	
<b>5M2519P</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,2,4,5	69.939/2.7535	74.501/2.9331	2.256/.0888	27.00/1.063	F780	2517 UL	
		69.965/2.7545	74.519/2.9338					
	3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.91/1.335	F780	2519(F) IH	
<b>5M8737A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>For engines from 1979 on. Requires thrustwashers.</i>		2.255/.0888	27.00/1.063	F810	2517A UL	
		69.955/2.7541	74.500/2.9331	69.965/2.7545	74.519/2.9338			
	3	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810	8737A IH	
<b>2T8737</b> STD, .10, .20	<b>THRUST</b>	<i>For engines from 1979 on.</i>			2.20/.087	F817	8737T UL	
		78.000/3.0709	91.250/3.5925	78.250/3.0807	91.500/3.6024			
<b>4RB4010</b> UNB	<b>PISTON PIN BUSH</b>	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	4RB4010	
		26.000/1.0236	29.020/1.1425					
<b>RB4010</b> UNB	<b>PISTON PIN BUSH</b>	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	RB4010	
		26.000/1.0236	29.020/1.1425					

39		Engine	Year	Cyl	Bore x Stroke	39	
		OM616 Series 2399cc Inline4 2v Diesel	01/1975 - 04/1989	L4	90.9mm x 92.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8736A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No hole.</i>		1.805/.0711	26.00/1.024	F810	8736A IH
		51.955/2.0455	55.600/2.1890	51.965/2.0459	55.619/2.1897		
<b>5M2519A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,2,4,5	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810	2517A UL
		69.965/2.7545	74.519/2.9338				
	3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.90/1.335	F810	2519A(F) UL
<b>5M2519P</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,2,4,5	69.939/2.7535	74.501/2.9331	2.256/.0888	27.00/1.063	F780	2517 UL
		69.965/2.7545	74.519/2.9338				
	3	69.955/2.7541	74.500/2.9331	2.255/.0888	33.91/1.335	F780	2519(F) IH
<b>5M8737A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>For engines from 1979 on. Requires thrustwashers.</i>		2.255/.0888	27.00/1.063	F810	2517A UL
		69.955/2.7541	74.500/2.9331	69.965/2.7545	74.519/2.9338		
	3	69.955/2.7541	74.500/2.9331	2.255/.0888	27.00/1.063	F810	8737A IH
<b>2T8737</b> STD, .10, .20	<b>THRUST</b>	<i>For engines from 1979 on.</i>			2.20/.087	F817	8737T UL
		78.000/3.0709	91.250/3.5925	78.250/3.0807	91.500/3.6024		
<b>4RB4010</b> UNB	<b>PISTON PIN BUSH</b>	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	4RB4010
		26.000/1.0236	29.020/1.1425				





<b>39</b>	<b>Continued ...</b>							<b>39</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

<b>PISTON PIN BUSH</b>							
<b>RB4010</b> UNB		25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100	RB4010

<b>40</b>	<b>Engine</b>		<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>40</b>	
	OM617 Series 2998cc Inline5 2v Diesel		08/1973 - 12/1990	L5	90.9mm x 92.4mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	<b>CONROD</b>						
<b>5B8736A</b> STD, .25, .50, .75, 1.00		51.955/2.0455 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.805/.0711	26.00/1.024	F810	8736A IH
	<b>MAINS</b>						
<b>5M2519A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.90/1.335	F810	2519A(F) UL
	<b>MAINS</b>						
<b>5M2519P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.939/2.7535 69.965/2.7545	74.501/2.9331 74.519/2.9338	2.256/.0888	27.00/1.063	F780	2517 UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.91/1.335	F780	2519(F) IH
	<b>MAINS</b>		<i>For engines from 1979 on.</i>				
<b>6M8737A</b> STD, .25, .50, .75, 1.00	1,2,4,5,6	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.520/2.9339	2.255/.0888	27.00/1.063	F810	8737A IH
	<b>THRUST</b>		<i>For engines from 1979 on.</i>				
<b>2T8737</b> STD, .10, .20		78.000/3.0709 78.250/3.0807	91.250/3.5925 91.500/3.6024		2.20/.087	F817	8737T UL
	<b>PISTON PIN BUSH</b>						
<b>RB4010</b> UNB		25.994/1.0234 26.000/1.0236	29.000/1.1417 29.020/1.1425	1.650/.0650	31.93/1.257	F100	RB4010

<b>41</b>	<b>Engine</b>		<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>41</b>	
	OM617 Series 2998cc Inline5 2v Turbo Diesel		01/1978 - 12/1985	L5	90.9mm x 92.4mm		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	<b>CONROD</b>						
<b>5B2515A</b> STD, .25, .50, .75, 1.00		51.955/2.0455 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.805/.0711	26.00/1.024	F810	2515A IH
	<b>CONROD</b>						
<b>5B2515P</b> STD, .25, .50, .75, 1.00		51.955/2.0455 51.965/2.0459	55.600/2.1890 55.619/2.1897	1.805/.0711	26.00/1.024	F780	2515 IH
	<b>MAINS</b>						
<b>5M2519A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.90/1.335	F810	2519A(F) UL
	<b>MAINS</b>						
<b>5M2519P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	69.939/2.7535 69.965/2.7545	74.501/2.9331 74.519/2.9338	2.256/.0888	27.00/1.063	F780	2517 UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	33.91/1.335	F780	2519(F) IH
	<b>MAINS</b>		<i>For engines from 1979 on.</i>				
<b>6M8737A</b> STD, .25, .50, .75, 1.00	1,2,4,5,6	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.519/2.9338	2.255/.0888	27.00/1.063	F810	2517A UL
	3	69.955/2.7541 69.965/2.7545	74.500/2.9331 74.520/2.9339	2.255/.0888	27.00/1.063	F810	8737A IH



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41 Continued ...							41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>THRUST</b>		<i>For engines from 1979 on.</i>					
<b>2T8737</b> STD, .10, .20		78.000/3.0709	91.250/3.5925		2.20/.087	F817	8737T
		78.250/3.0807	91.500/3.6024				UL

42 Engine		Year	Cyl	Bore x Stroke	42		
M121 Series 1988cc Inline4 2v		08/1965 - 02/1968	L4	87.0mm x 83.6mm			
OM621 Series 1988cc Inline4 2v Diesel		01/1965 - 12/1969	L4	87.0mm x 83.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>4B2511P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	51.940/2.0449	55.600/2.1890	1.800/.0709	26.00/1.024	F780	2511
		51.960/2.0457	55.619/2.1897				IH

<b>5M2514P</b> STD, 010, 020, 030, 040	<b>MAINS</b>						
	1,2,4,5	69.940/2.7535	74.500/2.9331	2.260/.0890	27.00/1.063	F780	2512
		69.960/2.7543	74.519/2.9338				UL
	3	69.940/2.7535	74.500/2.9331	2.260/.0890	33.90/1.335	F780	2514
		69.960/2.7543	74.519/2.9338				IH

<b>4RB4010</b> UNB	<b>PISTON PIN BUSH</b>	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	4RB4010
		26.000/1.0236	29.020/1.1425				

<b>RB4010</b> UNB	<b>PISTON PIN BUSH</b>	25.994/1.0234	29.000/1.1417	1.650/.0650	31.93/1.257	F100	RB4010
		26.000/1.0236	29.020/1.1425				

43 Engine		Year	Cyl	Bore x Stroke	43		
OM646 Series 2148cc Inline4 DOHC 4v Turbo Diesel		03/2003 - On	L4	88.0mm x 88.3mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>1B8700D</b> STD, .25, .50, .75	<b>CONROD</b>	<i>One pair only, order number of pairs required.</i>					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U

<b>1B8700P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>One pair only, order number of pairs required.</i>					
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U

<b>4B8700D</b> STD, .25, .50, .75	<b>CONROD</b>	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F781	8700D
		47.965/1.8884	51.619/2.0322				U

<b>4B8700P</b> STD, .25, .50, .75	<b>CONROD</b>	47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F780	8700
		47.965/1.8884	51.619/2.0322				U
		47.950/1.8878	51.600/2.0315	1.812/.0713	21.80/.858	F810	8700A
		47.965/1.8884	51.619/2.0322				L

<b>1M8702D</b> STD, .25	<b>MAINS</b>	<i>One pair only, order number of pairs required.</i>					
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F781	8702D
		57.965/2.2821	62.519/2.4614				L

<b>1M8702P</b> STD, .25	<b>MAINS</b>	<i>One pair only, order number of pairs required.</i>					
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F780	8702
		57.965/2.2821	62.519/2.4614				L
		57.940/2.2811	62.500/2.4606	2.265/.0892	17.50/.689	F810	8702A
		57.965/2.2821	62.519/2.4614				U



43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8702D</b> STD, .25	<b>MAINS</b>						
	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F810	8702A U
	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F781	8702D L
	<b>MAINS</b>						
<b>5M8702P</b> STD, 0.25	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F780	8702 L
	1,2,3,4,5	57.940/2.2811 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.265/.0892	17.50/.689	F810	8702A U
	<b>THRUST</b>						
	<b>2T2873</b> STD, .10		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4231</b> UNB			32.500/1.2795 32.521/1.2804		21.90/.862	F100	4RB4231

44 Engine				Year	Cyl	Bore x Stroke	44
OM661.911 2299cc Inline4 SOHC 2v Diesel				01/1996 - On	L4	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8740A</b> STD, .25, .50	<b>CONROD</b>						
		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.812/.0713	21.80/.858	F810	8740A IH
<b>5M2873A</b> STD, .25, .50, .75, 1.0	<b>MAINS</b> <i>Suits from 1985 on.</i>						
	1,2,3,4,5	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
<b>2T2873</b> STD, .10	<b>THRUST</b>						
		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
<b>RB4225</b> UNB	<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>						
		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.521/1.2016		21.90/.862	F100	RB4225

45 Engine				Year	Cyl	Bore x Stroke	45
OM662.911 2874cc Inline5 SOHC 2v Diesel				01/1996 - On	L5	89.0mm x 92.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B8740A</b> STD, .25, .50	<b>CONROD</b>						
		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.812/.0713	21.80/.858	F810	8740A IH
<b>6M2873A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,3,4,5,6	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL
<b>2T2873</b> STD, .10	<b>THRUST</b>						
		65.800/2.5905 66.050/2.6004	80.750/3.1791 81.000/3.1890		2.20/.087	F817	2873T UL
<b>RB4225</b> UNB	<b>PISTON PIN BUSH</b> <i>Single Piece. Suits 28mm pin.</i>						
		27.995/1.1022 28.000/1.1024	30.500/1.2008 30.521/1.2016		21.90/.862	F100	RB4225

46 Engine				Year	Cyl	Bore x Stroke	46
OM668 Series1689cc Inline4 DOHC 4v Turbo Diesel				07/1998 - 12/2005	L4	80.0mm x 84.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8721D</b> STD, .25	<b>CONROD</b>						
			49.600/1.9528 49.616/1.9534	1.814/.0714	18.90/.744	F810	8721A L

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46 Continued ...							46
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8721D</b> STD, .25	<b>CONROD</b>		49.600/1.9528	1.814/.0714	18.90/.744	F780	8721D U
			49.616/1.9534				
<b>4B8721P</b> STD, .25			49.600/1.9528	1.814/.0714	18.90/.744	F780	8721 UL
	<b>MAINS</b>						
<b>5M8722A</b> STD, .25	1,2,3,4,5	54.940/2.1630	59.000/2.3228	2.012/.0792	17.00/.669	F810	8722A UL
		54.965/2.1640	59.019/2.3236				
<b>2T8722</b> STD	<b>THRUST</b>				2.20/.087	F817	8722T UL
<b>RB4222</b> UNB	<b>PISTON PIN BUSH</b>		30.500/1.2008		18.90/.744	F100	RB4222
			30.525/1.2018				

47 Engine				Year	Cyl	Bore x Stroke	47
M160 599cc Inline3 SOHC 2v Turbo				01/1998 - 01/2007	L3	63.5mm x 63.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>3B2600P</b> STD, .25, .50, .75		37.940/1.4937	41.600/1.6378	1.813/.0714	17.00/.669	F780	2600 IH
		37.965/1.4947	41.616/1.6384				
	<b>MAINS</b>						
<b>4M2605A</b> STD, .25	1,2,3,4	44.950/1.7697	51.000/2.0079	3.030/.1193	16.00/.630	F809	2605A UL
		44.965/1.7703	51.019/2.0086				
	<b>THRUST</b>						
<b>1T2605</b> STD		52.500/2.0669	52.750/2.0768		3.20/.126	F817	2605T IH
		52.750/2.0768	68.500/2.6968				

48 Engine				Year	Cyl	Bore x Stroke	48
M162 3199cc Inline6 DOHC 4v				01/1996 - 12/2008	L6	89.9mm x 84.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Bearings have a slot.</i>					
<b>6B2526P</b> STD, .25, .50, .75, 1.00		47.950/1.8878	51.600/2.0315	1.814/.0714	21.80/.858	F780	2526 IH
		47.965/1.8884	51.619/2.0322				
	<b>MAINS</b>						
<b>7M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	57.950/2.2815	62.500/2.4606	2.261/.0890	17.50/.689	F810	2873A UL
		57.965/2.2821	62.519/2.4614				

49 Engine				Year	Cyl	Bore x Stroke	49
M119.960 4973cc V8 DOHC 4v				03/1989 - 08/1992	V8	96.5mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits engines from 1981 on.</i>					
<b>8B8705P</b> STD, .25		47.945/1.8876	51.600/2.0315	1.810/.0713	22.00/.866	F780	8705 IH
		47.965/1.8884	51.619/2.0322				
	<b>MAINS</b>						
<b>5M8708P</b> STD, .25, .50		63.955/2.5179	68.500/2.6968	2.254/.0887	21.00/.827	F780	8708 UL
		63.965/2.5183	68.519/2.6976				
		63.955/2.5179	68.500/2.6968	2.254/.0887	26.90/1.059	F780	8709(F) UL
		63.965/2.5183	68.519/2.6976				





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50 Engine		Year		Cyl	Bore x Stroke		50
M180 Series 2306cc Inline6 2v		08/1965 - 11/1976		L6	82.0mm x 72.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2876P</b> STD, .25, .50		47.955/1.8880	51.600/2.0315	1.803/.0710	24.10/.949	F780	2876 IH
		47.965/1.8884	51.619/2.0322				
<b>CONROD</b> <i>Was 6B2870P.</i>							
<b>6B8734P</b> STD, .25, .50		47.940/1.8874	51.600/2.0315	1.803/.0710	24.10/.949	F780	8734 UL
		47.960/1.8882	51.619/2.0322				
<b>MAINS</b>							
<b>4M2878P</b> STD, .25, .50	1,2,4	59.955/2.3604	67.000/2.6378	3.502/.1379	24.10/.949	F780	1042 UL
		59.965/2.3608	67.019/2.6385				
	3	59.955/2.3604	67.000/2.6378	3.502/.1379	29.90/1.177	F780	2878(F) UL
		59.965/2.3608	67.019/2.6385				
<b>51 Engine</b>		Year		Cyl	Bore x Stroke		51
M136 Series 1767cc Inline4 2v		01/1949 - 12/1957		L4	75.0mm x 100.0mm		
OM636 Series 1767cc Inline4 2v Diesel		01/1949 - 12/1961		L4	75.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1037P</b> STD, 010, 020, 030, 040		49.940/1.9661	54.000/2.1260	2.006/.0790	28.10/1.106	F780	1037 IH
		49.960/1.9669	54.019/2.1267				
<b>MAINS</b> <i>Was 3M1038P.</i>							
<b>3M8727P</b> STD, 010, 020, 030, 040	1	54.940/2.1630	59.500/2.3425	2.260/.0890	29.10/1.146	F780	8727 IH
		54.960/2.1638	59.520/2.3433				
	2	54.940/2.1630	59.500/2.3425	2.260/.0890	36.95/1.455	F780	8728(F) IH
		54.960/2.1638	59.520/2.3433				
	3	54.940/2.1630	59.500/2.3425	2.260/.0890	37.10/1.461	F780	8729 UL
		54.960/2.1638	59.520/2.3433				
<b>52 Engine</b>		Year		Cyl	Bore x Stroke		52
M189 Series 2996cc Inline6 2v		01/1961 - 12/1967		L6	85.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8730P</b> STD, .25		51.951/2.0453	55.600/2.1890	1.803/.0710	26.00/1.024	F780	8730 IH
		51.968/2.0460	55.619/2.1897				
<b>MAINS</b>							
<b>7M8732P</b> STD, .25	1,2,3,5,6,7	59.950/2.3602	64.000/2.5197	2.006/.0790	22.00/.866	F780	8732 UL
		59.970/2.3610	64.019/2.5204				
	4	59.950/2.3602	64.000/2.5197	2.006/.0790	27.90/1.098	F780	8733(F) UL
		59.970/2.3610	64.019/2.5204				
<b>53 Engine</b>		Year		Cyl	Bore x Stroke		53
M123.920/921 2525cc Inline6 2v		01/1976 - 07/1985		L6	86.0mm x 72.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2510P</b> STD, .25, .50, .75, 1.00		47.955/1.8880	51.600/2.0315	1.810/.0713	22.00/.866	F780	2510 IH
		47.965/1.8884	51.619/2.0322				
<b>MAINS</b>							
<b>4M2887A</b> STD, .25, .50	1,3,4	59.955/2.3604	67.000/2.6378	3.505/.1380	22.50/.886	F810	2887A UL
		59.965/2.3608	67.019/2.6385				
	2	59.955/2.3604	67.000/2.6378	3.505/.1380	28.90/1.138	F810	2889A(F) UL
		59.965/2.3608	67.019/2.6385				
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4214</b> UNB			26.000/1.0236		27.60/1.087	F100	6RB4214
			26.021/1.0244				

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54	Engine	Year	Cyl	Bore x Stroke	54
	M113 Series 4266cc V8 SOHC 3v	06/1997 - 08/2005	V8	89.9mm x 84.0mm	
	M113 Series 4966cc V8 SOHC 3v	04/1998 - 01/2012	V8	97.0mm x 84.0mm	
	M113 Series 5439cc V8 SOHC 3v	08/1997 - 01/2012	V8	97.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>8B8724P</b> STD, .20		51.940/2.0449 51.965/2.0459	55.600/2.1890 55.614/2.1895	1.814/.0714	19.60/.772	F780	8724 IH
	<b>MAINS</b>						
<b>5M8725A</b> STD, .20	1,2,3,4,5	63.940/2.5173 63.965/2.5183	68.500/2.6968 68.519/2.6976	2.263/.0891	19.00/.748	F810	8725A UL

55	Engine	Year	Cyl	Bore x Stroke	55
	OM314 3782cc Inline4 2v Diesel	01/1966 - 12/1989	L4	97.0mm x 128.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>1B8241</b> STD, .005, .010, .020, .030, .040		31.984/1.2592 31.999/1.2598	35.000/1.3780 35.016/1.3786	1.486/.0585	17.01/.670	F23	8241 UL
	<b>CONROD</b>	<i>29.40 mm wide version.</i>					
<b>4B2865A</b> STD, .25, .50, .75, 1.00		59.995/2.3620 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.472/.0973	29.40/1.158	F810	2865A IH
	<b>CONROD</b>	<i>32.10 mm wide version.</i>					
<b>4B2866P</b> STD, .25, .50, .75, 1.00, 1.50		59.990/2.3618 60.015/2.3628	65.000/2.5591 65.019/2.5598	2.471/.0973	32.10/1.264	F780	2866 IH
	<b>MAINS</b>	<i>Has Std width flanges.</i>					
<b>5M2867P</b> STD, .25, .50, .75, 1.00, 1.5	1,3,4,5	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2867 UL
	2	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2868(F) UL
	<b>MAINS</b>	<i>Set has overwidth flanges on undersizes: Std=Std, 0.25/0.50/0.75/1.00mm=Std+1.00mm.</i>					
<b>5M2869P</b> STD, .25, .50, .75	1,3,4,5	87.990/3.4642 88.010/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	24.13/.950	F780	2867 UL
	2	87.991/3.4642 88.011/3.4650	93.000/3.6614 93.022/3.6623	2.477/.0975	31.81/1.252	F780	2869(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4020</b> UNB			39.000/1.5354 39.024/1.5364	1.760/.0693	34.42/1.355	F100	RB4020





Mini

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
W10B16 1598cc Inline4 SOHC 4v	06/2001 - 03/2009	L4	1598	97	1
W11B16 1598cc Inline4 SOHC 4v S/charged	03/2002 - 03/2009	L4	1598	97	2

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1	Engine	Year	Cyl	Bore x Stroke	1
	W10B16 1598cc Inline4 SOHC 4v	06/2001 - 03/2009	L4	77.0mm x 85.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2903A</b> STD, .25, .50		43.992/1.7320	47.000/1.8504	1.490/.0587	16.25/.640	F810	2903A
		44.008/1.7326	47.020/1.8512				IH
<b>RACE SERIES</b>							
<b>4B2903H</b> STD, .025, .25		43.992/1.7320	47.000/1.8504	1.489/.0586	16.25/.640	F781	2903H
		44.008/1.7326	47.020/1.8512				IH
<b>RACE SERIES</b>							
<b>4B2903HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		43.992/1.7320	47.000/1.8504	1.476/.0581	16.25/.640	F781	2903HX
		44.008/1.7326	47.020/1.8512				IH
<b>MAINS</b>							
<b>5M2918A</b> STD, .25, .50	1,2,3,4,5	47.930/1.8870	52.000/2.0472	1.985/.0781	18.90/.744	F810	2918A
		48.006/1.8900	52.020/2.0480				L
	1,2,4,5	47.930/1.8870	52.000/2.0472	1.985/.0781	18.90/.744	F810	2918A
		48.006/1.8900	52.020/2.0480				U
3		47.930/1.8870	52.000/2.0472	1.985/.0781	25.64/1.009	F810	2919A(F)
		48.006/1.8900	52.020/2.0480				U

2	Engine	Year	Cyl	Bore x Stroke	2
	W11B16 1598cc Inline4 SOHC 4v S/charged	03/2002 - 03/2009	L4	77.0mm x 85.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>4B2902H</b> STD, .025, .25		45.992/1.8107	49.000/1.9291	1.489/.0586	17.25/.679	F781	2902H
		46.008/1.8113	49.020/1.9299				IH
<b>RACE SERIES</b>							
<b>4B2902HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		45.992/1.8107	49.000/1.9291	1.476/.0581	17.25/.679	F781	2902HX
		46.008/1.8113	49.020/1.9299				IH



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2G23 546cc Inline2 SOHC 2v	03/1977 - 08/1982	L2	546	33	21
G23B 546cc Inline2 SOHC 2v	07/1978 - 05/1987	L2	546	33	22
3G81 548cc Inline3 SOHC 2v	01/1987 - 12/1991	L3	548	33	24
2G24 644cc Inline2 SOHC 2v	08/1982 - 12/1983	L2	644	39	21
3G83 657cc Inline3 SOHC 2v	01/1990 - On	L3	657	40	24
4G81 731cc Inline4 SOHC 2v	01/1987 - 12/1991	L4	731	44	25
2G25 783cc Inline2 SOHC 2v	01/1984 - 11/1988	L2	783	47	23
3G82 796cc Inline3 SOHC 2v	01/1987 - 11/1988	L3	796	48	24
4G83 876cc Inline4 SOHC 2v	01/1990 - On	L4	876	53	25
KE43 977cc Inline4 SOHC 2v	09/1964 - 02/1971	L4	977	59	13
4G82 1061cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	1061	64	25
KE44 1088cc Inline4 SOHC 2v	03/1967 - 02/1971	L4	1088	66	13
4G42 1187cc Inline4 SOHC 2v	10/1971 - 04/1979	L4	1187	72	13
KE46 1189cc Inline4 SOHC 2v	12/1967 - 12/1970	L4	1189	72	13
4G36 1238cc Inline4 SOHC 2v	12/1975 - 02/1979	L4	1238	75	18
4G11 1244cc Inline4 SOHC 2v	12/1977 - 12/1982	L4	1244	75	51
G11B 1244cc Inline4 SOHC 2v	12/1977 - 12/1982	L4	1244	75	10
4G30 1289cc Inline4 SOHC 2v	12/1969 - 01/1973	L4	1289	78	18
4G13 1298cc Inline4 SOHC 2v	05/1986 - On	L4	1298	79	11
G13B 1298cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	1298	79	11
4A90 1332cc Inline4 DOHC 4v	01/2004 - On	L4	1332	81	20
4G17 1343cc Inline4 SOHC 2v	01/1991 - On	L4	1343	81	4
4G41 1378cc Inline4 SOHC 2v	12/1971 - 05/1979	L4	1378	84	13
4G12 1410cc Inline4 SOHC 2v	03/1976 - 12/1981	L4	1410	86	10
G12B 1410cc Inline4 SOHC 2v	12/1977 - 05/1988	L4	1410	86	10
4G33 1439cc Inline4 SOHC Belt 2v	07/1977 - 05/1990	L4	1439	87	18
4G33 1439cc Inline4 SOHC Chain 2v	01/1972 - 12/1981	L4	1439	87	18
G33B 1439cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	1439	87	12
4G15 1468cc Inline4 DOHC 4v	08/2004 - On	L4	1468	89	4
4G15 1468cc Inline4 SOHC 3v	01/1986 - On	L4	1468	89	11
G15B 1468cc Inline4 SOHC 3v	10/1983 - 12/1992	L4	1468	89	11
4G91 1496cc Inline4 DOHC 4v	08/1991 - On	L4	1496	91	43
4G15 1468cc Inline4 SOHC 2v	10/1986 - 07/1990	L4	1498	91	11
4A91 1499cc Inline4 DOHC 4v	01/2004 - On	L4	1499	91	20
4G31 1499cc Inline4 SOHC 2v	12/1969 - 01/1974	L4	1499	91	18
G31B 1499cc Inline4 SOHC 2v	01/1969 - 12/1974	L4	1499	91	12
4G61 1596cc Inline4 DOHC 4v	01/1990 - 12/1992	L4	1596	97	18
4G32 1597cc Inline4 SOHC Belt 2v	10/1977 - 12/1990	L4	1597	97	29
4G32 1597cc Inline4 SOHC Chain 2v	01/1970 - 12/1979	L4	1597	97	29
4G61T 1597cc Inline4 DOHC 4v Turbo	01/1989 - 12/1989	L4	1597	97	18
4G92 1597cc Inline4 SOHC/DOHC 4v	09/1992 - 12/2008	L4	1597	97	44
4G92 MIVEC 1597cc Inline4 DOHC 4v	08/1991 - On	L4	1597	97	19
G32B 1597cc Inline4 SOHC 2v	01/1977 - 12/1990	L4	1597	97	32
4G35 1686cc Inline4 SOHC 2v	12/1972 - 12/1977	L4	1686	102	18
4G37 1755cc Inline4 SOHC 2v	07/1984 - 12/1991	L4	1755	107	18
G37B 1755cc Inline4 SOHC 2v	05/1984 - 07/1989	L4	1755	107	12
4D65 1795cc Inline4 SOHC 2v Diesel	03/1983 - 09/1991	L4	1795	109	8
4D65-T 1795cc Inline4 SOHC 2v Turbo Diesel	03/1983 - 09/1991	L4	1795	109	8
4G62 1795cc Inline4 SOHC 2v	01/1980 - 02/1988	L4	1795	109	34
G62B 1795cc Inline4 SOHC 2v	01/1980 - 04/1987	L4	1795	109	34
G62BT 1795cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	1795	109	34
4B10 1798cc Inline4 DOHC 4v	01/2007 - On	L4	1798	109	6
4G93 1834cc Inline4 DOHC 4v	01/1992 - 12/2005	L4	1834	111	43
4G93 1834cc Inline4 SOHC 4v	08/1991 - 02/2003	L4	1834	111	44
4G93P 1834cc Inline4 SOHC 4v	10/1997 - On	L4	1834	111	44
4G93T 1834cc Inline4 DOHC 4v Turbo	08/1991 - 12/1996	L4	1834	111	43
4G51 1855cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	1855	113	14
G51B 1855cc Inline4 SOHC 2v	06/1973 - 02/1978	L4	1855	113	14



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
4G52 1995cc Inline4 SOHC 2v	01/1976 - 09/1984	L4	1995	121	30
G52B 1995cc Inline4 SOHC 2v	11/1977 - 12/1987	L4	1995	121	30
4G63 1997cc Inline4 DOHC 4v	01/1989 - 12/1994	L4	1997	121	52
4G63 1997cc Inline4 SOHC 2v	01/1982 - 08/2003	L4	1997	121	47
4G63 1997cc Inline4 SOHC 4v	01/1993 - 09/2007	L4	1997	121	41
4G63-T 1997cc Inline4 DOHC 4v Turbo	05/1989 - 10/2007	L4	1997	121	53
4G63T 1997cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	1997	121	34
G63B 1997cc Inline4 SOHC 2v	12/1980 - 01/1993	L4	1997	121	35
G63B 1997cc Inline4 SOHC 4v	01/1989 - 03/1993	L4	1997	121	31
G63BT 1997cc Inline4 SOHC 2v Turbo	01/1980 - 04/1992	L4	1997	121	35
4B11 1998cc Inline4 DOHC 4v	09/2007 - On	L4	1998	121	6
4B11T 1998cc Inline4 DOHC 4v Turbo	10/2007 - On	L4	1998	121	7
4D68 1998cc Inline4 SOHC 2v Diesel	01/1992 - 12/2002	L4	1998	121	49
6A12 1998cc V6 SOHC 4v	01/1993 - 12/1996	V6	1998	121	28
6A12G 1998cc V6 DOHC 4v MIVEC	03/1993 - On	V6	1998	121	28
6G71 1998cc V6 SOHC 2v	07/1986 - 12/1996	V6	1998	121	17
4G94 1999cc Inline4 SOHC 4v	07/2002 - On	L4	1999	121	26
4D55 2346cc Inline4 OHV 2v Diesel	10/1982 - 12/1988	L4	2346	143	48
4D55 2346cc Inline4 OHV 2v Turbo Diesel	01/1983 - 12/1988	L4	2346	143	48
4G64 2351cc Inline4 DOHC 4v	01/1993 - 11/1998	L4	2351	143	41
4G64 2351cc Inline4 SOHC 2v	01/1986 - 10/1997	L4	2351	143	42
4G64-S4 2351cc Inline4 SOHC 4v	08/1992 - On	L4	2351	143	41
G64B 2351cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	2351	143	31
4B12 2359cc Inline4 DOHC 4v	01/2005 - On	L4	2359	143	6
4G69 2378cc Inline4 SOHC 4v	05/2004 - On	L4	2378	145	54
4G53 2384cc Inline4 SOHC 2v	01/1974 - 01/1985	L4	2384	145	30
4D56 2476cc Inline4 OHV 2v Diesel	04/1986 - On	L4	2476	151	48
4D56-T 2476cc Inline4 SOHC 2v Turbo Diesel	12/1986 - 12/1993	L4	2476	151	48
4D56-Ti 2476cc Inline4 DOHC 4v Turbo Diesel	01/2006 - On	L4	2476	151	3
6G73 2497cc V6 SOHC 4v	01/1995 - 12/2002	V6	2497	152	2
4G54 2555cc Inline4 SOHC 2v	11/1975 - 09/1990	L4	2555	155	30
G54B 2555cc Inline4 SOHC 2v	08/1978 - 03/1997	L4	2555	155	33
4DR5 2659cc Inline4 OHV 2v Diesel	07/1970 - 08/1991	L4	2659	162	50
4DR6-T 2659cc Inline4 OHV 2v Turbo Diesel	01/1986 - On	L4	2659	162	9
4DR7 2835cc Inline4 OHV 2v Diesel	01/1989 - On	L4	2835	173	9
4M40 2835cc Inline4 SOHC Belt 2v Diesel	01/1993 - On	L4	2835	173	45
4M40 2835cc Inline4 SOHC Chain 2v Diesel	01/1993 - 12/1998	L4	2835	173	45
4M40T 2835cc Inline4 SOHC Belt 2v Turbo Diesel	12/1993 - 05/2002	L4	2835	173	45
4M40T 2835cc Inline4 SOHC Chain 2v Turbo Diesel	11/1996 - 07/2006	L4	2835	173	45
6G72 2972cc V6 DOHC 4v	01/1992 - 12/2003	V6	2972	181	2
6G72 2972cc V6 SOHC 2v/4v	09/1988 - 12/2007	V6	2972	181	2
6G72T 2972cc V6 DOHC 4v Turbo	01/1990 - 12/2001	V6	2972	181	2
4M41 3200cc Inline4 DOHC 4v Turbo Diesel	08/1999 - On	L4	3200	195	27
4D30 3298cc Inline4 OHV 2v Diesel	08/1978 - 12/1986	L4	3298	201	5
4D30A 3298cc Inline4 OHV 2v Diesel	11/1978 - 12/1986	L4	3298	201	5
4D31 3298cc Inline4 OHV 2v Diesel	10/1982 - 08/1991	L4	3298	201	38
4D31 3298cc Inline4 OHV 2v Turbo Diesel	01/1982 - 01/1991	L4	3298	201	38
4D31A 3298cc Inline4 OHV 2v Diesel	10/1982 - 08/1991	L4	3298	201	38
4D31A 3298cc Inline4 OHV 2v Turbo Diesel	10/1982 - 08/1991	L4	3298	201	38
4D32A 3298cc Inline4 OHV 2v Diesel	10/1985 - 01/1991	L4	3298	201	39
4D33A 3298cc Inline4 OHV 2v Diesel	10/1985 - 11/1997	L4	3298	201	46
6G74 3497cc V6 DOHC 4v	12/1993 - 05/2000	V6	3497	213	36
6G74 3497cc V6 SOHC 4v	10/1996 - On	V6	3497	213	36
6G75 3828cc V6 SOHC 4v	09/2003 - On	V6	3828	233	36
4D34 3907cc Inline4 OHV 2v Diesel	01/1991 - 07/1996	L4	3907	238	37
4D34-T 3907cc Inline4 OHV 2v Turbo Dies	08/1991 - On	L4	3907	238	40
4D35 4561cc Inline4 OHV 2v Diesel	01/1993 - On	L4	4561	278	46
6DS1 4678cc Inline6 2v Diesel	01/1964 - 07/1972	L6	4678	285	16



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
6DS10 4678cc Inline6 2v Diesel	01/1966 - 07/1972	L6	4678	285	16
6DS5 4978cc Inline6 2v Diesel	04/1970 - 10/1972	L6	4978	303	16
6DS50 4978cc Inline6 2v Diesel	04/1970 - 03/1976	L6	4978	303	16
6DS3 5103cc Inline6 2v Diesel	07/1972 - 12/1974	L6	5103	311	16
6DS30 5103cc Inline6 2v Diesel	07/1972 - 12/1977	L6	5103	311	16
6DS7 5430cc Inline6 2v Diesel	10/1972 - 07/1978	L6	5430	331	16
6DS70 5430cc Inline6 2v Diesel	10/1972 - 09/1985	L6	5430	331	16
6D10 5974cc Inline6 2v Diesel	01/1974 - 12/1979	L6	5974	364	1
6D14 6557cc Inline6 2v Diesel	01/1976 - 12/1982	L6	6557	400	1
6D14-T 6557cc Inline6 2v Turbo Diesel	04/1976 - 05/1992	L6	6557	400	1
6D11 6754cc Inline6 2v Diesel	01/1974 - 12/1979	L6	6754	412	1
6D15 6919cc Inline6 2v Diesel	01/1979 - 03/1987	L6	6919	422	1
6M60 7.5L Inline6 SOHC 4v Turbo Diesel	01/2007 - On	L6	7500	457	1
6D16 7545cc Inline6 2v Diesel	01/1985 - 12/1991	L6	7545	460	1
6D16-T 7545cc Inline6 2v Turbo Diesel	01/1987 - On	L6	7545	460	15
6D17 8201cc Inline6 2v Diesel	01/1991 - On	L6	8201	500	15



1	Engine	Year	Cyl	Bore x Stroke	1
	6D10 5974cc Inline6 2v Diesel	01/1974 - 12/1979	L6	105.0mm x 115.0mm	
	6D11 6754cc Inline6 2v Diesel	01/1974 - 12/1979	L6	130.0mm x 105.0mm	
	6D14 6557cc Inline6 2v Diesel	01/1976 - 12/1982	L6	110.0mm x 115.0mm	
	6D14-T 6557cc Inline6 2v Turbo Diesel	04/1976 - 05/1992	L6	110.0mm x 115.0mm	
	6D15 6919cc Inline6 2v Diesel	01/1979 - 03/1987	L6	113.0mm x 115.0mm	
	6D16 7545cc Inline6 2v Diesel	01/1985 - 12/1991	L6	118.0mm x 115.0mm	
	6M60 7.5L Inline6 SOHC 4v Turbo Diesel	01/2007 - On	L6	118.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Oil hole opposite notch.</i>					
<b>6B1230P</b> STD, .25, .50, .75, 1.00, 1.25		64.920/2.5559 64.940/2.5567	69.000/2.7165 69.020/2.7173	2.000/.0787	34.13/1.344	F780	1230 UL
	<b>MAINS</b>	<i>Thrust washers to be used with this set.</i>					
<b>7M1232P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5,6,7	79.940/3.1472 79.955/3.1478	85.000/3.3465 85.020/3.3472	2.500/.0984	28.13/1.107	F780	1232 UL
	<b>THRUST</b>	<i>110mm O.D.</i>					
<b>3T1232</b> STD			110.000/4.3307		2.45/.096	F250	1232T

2	Engine	Year	Cyl	Bore x Stroke	2
	6G72 2972cc V6 DOHC 4v	01/1992 - 12/2003	V6	91.1mm x 76.0mm	
	6G72 2972cc V6 SOHC 2v/4v	09/1988 - 12/2007	V6	91.1mm x 76.0mm	
	6G72T 2972cc V6 DOHC 4v Turbo	01/1990 - 12/2001	V6	91.1mm x 76.0mm	
	6G73 2497cc V6 SOHC 4v	01/1995 - 12/2002	V6	83.5mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>6B1140A</b> STD, .25, .50, .75, 1.00		49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F810	1140A IH
<b>RACE SERIES</b> <b>6B1140H</b> STD, .025, .25	<b>CONROD</b>	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.491/.0587	15.50/.610	F781	1140H IH
<b>RACE SERIES</b> <b>6B1140HX</b> STD	<b>CONROD</b>	49.980/1.9677 50.000/1.9685	53.000/2.0866 53.020/2.0874	1.478/.0582	15.50/.610	F781	1140HX IH
	<b>MAINS</b>						
<b>4M1149A</b> STD, .25, .50, .75, 1.00	1,2,3,4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.991/.0784	18.13/.714	F810	1149A UL
<b>RACE SERIES</b> <b>4M1149H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.988/.0783	18.13/.714	F780	1149H UL
<b>RACE SERIES</b> <b>4M1149HX</b> STD	<b>MAINS</b> 1,2,3,4	59.980/2.3614 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.975/.0778	18.13/.714	F780	1149HX UL
	<b>THRUST</b>						
<b>2T1149</b> STD		66.250/2.6083 66.500/2.6181	77.450/3.0492 77.700/3.0590		1.98/.078	F817	1149T UL

3	Engine	Year	Cyl	Bore x Stroke	3
	4D56-Ti 2476cc Inline4 DOHC 4v Turbo Diesel	01/2006 - On	L4	91.1mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>To suit 56mm housing.</i>					
<b>4B8575A</b> STD, .25				1.493/.0588	25.13/.989	F810	8575A IH
	<b>CONROD</b>	<i>To suit 60mm housing.</i>					
<b>4B8576A</b> STD, .25			60.000/2.3622 60.020/2.3630	1.493/.0588	25.10/.988	F810	8576A IH



3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1227A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<b>MAINS</b> <i>Uses separate thrust washers.</i>					
		65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
<b>1T1227</b> STD		<b>THRUST</b>					
		72.000/2.8346 72.250/2.8445	89.700/3.5315 89.750/3.5335		2.50/.098	F817	1227T IH
<b>2BS8559A</b> STD	1,2	<b>BALANCE</b>					
		42.980/1.6921 43.000/1.6929	46.000/1.8110 46.050/1.8130	1.480/.0583	20.00/.787	F820	8559A
<b>4RB4296</b> UNB		<b>PISTON PIN BUSH</b> <i>Tapered Bush. Set of 4.</i>					
			35.000/1.3780	1.700/.0669	38.00/1.496	F100	4RB4296
<b>RB4296</b> UNB		<b>PISTON PIN BUSH</b> <i>Tapered Bush.</i>					
			35.000/1.3780	1.700/.0669	38.00/1.496	F100	RB4296

4 Engine				Year	Cyl	Bore x Stroke	4
4G15 1468cc Inline4 DOHC 4v				08/2004 - On	L4	75.5mm x 82.0mm	
4G17 1343cc Inline4 SOHC 2v				01/1991 - On	L4	72.2mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1130A</b> STD, .25, .50, .75, 1.00, 1.25		<b>CONROD</b> <i>15.5mm wide.</i>					
		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	15.65/.616	F810	1130A IH
<b>5M1124A</b> STD, .25, .50, .75, 1.00	1,2,4,5	<b>MAINS</b> <i>Half groove.</i>					
		47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1124A UL
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1125A(F) IH

5 Engine				Year	Cyl	Bore x Stroke	5
4D30 3298cc Inline4 OHV 2v Diesel				08/1978 - 12/1986	L4	100.0mm x 105.0mm	
4D30A 3298cc Inline4 OHV 2v Diesel				11/1978 - 12/1986	L4	100.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1535P</b> STD, .25, .50, .75, 1.00, 1.25		<b>CONROD</b> <i>Oil slot in upper shell, plain lower shell.</i>					
		59.944/2.3600 59.964/2.3608	63.998/2.5196 64.018/2.5204	2.000/.0787	33.14/1.305	F780	1535 U
		59.944/2.3600 59.964/2.3608	63.998/2.5196 64.018/2.5204	2.000/.0787	33.14/1.305	F780	1536 L
		<b>MAINS</b> <i>Slot opposite notch in the upper shell, plain lower.</i>					
<b>5M1198P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683 77.950/3.0689	82.000/3.2283 82.022/3.2292	2.007/.0790	27.13/1.068	F780	1198 UL
		<b>MAINS</b> <i>Slot towards the crown in the upper shell, plain lower.</i>					
<b>5M1199P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	77.936/3.0683 77.950/3.0689	82.000/3.2283 82.022/3.2292	2.007/.0790	27.00/1.063	F780	1199 UL
		<b>THRUST</b> <i>103.50mm O.D.</i>					
<b>3T1199</b> STD		85.500/3.3661 85.750/3.3760	103.250/4.0650 103.500/4.0748		2.45/.096	F250	1199T IH
		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>					
<b>4RB4069</b> UNB		34.000/1.3386 34.000/1.3386	37.000/1.4567 37.000/1.4567	1.640/.0646	39.00/1.535	F100	4RB4069





6	Engine	Year	Cyl	Bore x Stroke	6
	4B10 1798cc Inline4 DOHC 4v	01/2007 - On	L4	86.0mm x 77.4mm	
	4B11 1998cc Inline4 DOHC 4v	09/2007 - On	L4	86.0mm x 86.0mm	
	4B12 2359cc Inline4 DOHC 4v	01/2005 - On	L4	88.0mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B7190A</b> STD, .25, .50		51.973/2.0462 51.988/2.0468	50.998/2.0078 51.013/2.0084	1.504/.0592	17.52/.690	F810	7190A IH
	<b>MAINS</b>						
<b>5M7191A</b> STD, .25, .50	1,2,3,4,5	51.973/2.0462 51.986/2.0467	55.999/2.2047 56.017/2.2054	1.999/.0787	18.00/.709	F810	7191A UL
	<b>THRUST</b>	<i>Use in position #3.</i>					
<b>1T7191</b> STD		58.000/2.2835			1.95/.077	F817	7191T UL

7	Engine	Year	Cyl	Bore x Stroke	7
	4B11T 1998cc Inline4 DOHC 4v Turbo	10/2007 - On	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>RACE SERIES</b>						
<b>4B1236H</b> STD, .025, .25	<b>CONROD</b>	51.954/2.0454 51.972/2.0461	55.000/2.1654 55.010/2.1657	1.500/.0591	17.00/.669	F781	1236H IH
	<b>RACE SERIES</b>						
<b>4B1236HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.487/.0585	17.00/.669	F781	1236HX IH
	<b>RACE SERIES</b>						
<b>5M1237H</b> STD, .025, .25	<b>MAINS</b>	51.973/2.0462 51.985/2.0466	56.000/2.2047 56.018/2.2054	1.996/.0786	18.00/.709	F780	1237H UL
	<b>RACE SERIES</b>						
<b>5M1237HX</b> STD	<b>MAINS</b>	51.973/2.0462 51.985/2.0466	56.000/2.2047 56.018/2.2054	1.983/.0781	18.00/.709	F780	1237HX UL
	<b>THRUST</b>						
<b>1T1237</b> STD		58.000/2.2835 58.250/2.2933	77.000/3.0315 77.250/3.0413		1.96/.077	F817	1237T IH
	<b>THRUST</b>						
<b>1T1237P</b> STD		58.000/2.2835 58.250/2.2933	77.000/3.0315 77.250/3.0413		1.96/.077	F780	1237PT IH

8	Engine	Year	Cyl	Bore x Stroke	8
	4D65 1795cc Inline4 SOHC 2v Diesel	03/1983 - 09/1991	L4	80.6mm x 88.0mm	
	4D65-T 1795cc Inline4 SOHC 2v Turbo Diesel	03/1983 - 09/1991	L4	80.6mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>23.5 mm wide.</i>					
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
	<b>RACE SERIES</b>						
<b>4B1146H</b> STD, .025, .25	<b>CONROD</b>	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
	<b>RACE SERIES</b>						
<b>4B1146HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.476/.0581	23.50/.925	F781	1146HX IH
	<b>MAINS</b>	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>					
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH



8 Continued ...							8	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>MAINS</b> <i>Standard width flanges for all undersizes.</i>						
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147H U	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H L	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
		57.000/2.2441	61.020/2.4024					
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
<b>5M1144HX</b> STD	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1147HX U	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1144HX L	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
		57.000/2.2441	61.020/2.4024					
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25		<b>MAINS</b> <i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>						
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A IH	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
		57.000/2.2441	61.020/2.4024					
<b>5M1217A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A U	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A L	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
		57.000/2.2441	61.020/2.4024					
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25		<b>MAINS</b> <i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>						
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A IH	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1238A(F) IH	
		57.000/2.2441	61.020/2.4024					
<b>4RB4297</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>		28.000/1.1024	1.750/.0689	28.50/1.122	F100	4RB4297
<b>RB4297</b> UNB		<b>PISTON PIN BUSH</b>		28.000/1.1024	1.750/.0689	28.50/1.122	F100	RB4297

9 Engine				Year	Cyl	Bore x Stroke	9
4DR6-T 2659cc Inline4 OHV 2v Turbo Diesel				01/1986 - On	L4	92.0mm x 100.0mm	
4DR7 2835cc Inline4 OHV 2v Diesel				01/1989 - On	L4	95.0mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1190P</b> STD, .25, .50, .75		<b>CONROD</b> <i>Has a slot in the upper shell.</i>					
		57.945/2.2813	62.000/2.4409	1.999/.0787	32.38/1.275	F780	1196 L
		57.956/2.2817	62.020/2.4417				
		57.945/2.2813	62.000/2.4409	1.999/.0787	32.38/1.275	F780	1190 U
		57.965/2.2821	62.020/2.4417				
<b>5M1197P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b>					
	1,2,3,4,5	69.935/2.7533	74.000/2.9134	1.994/.0785	28.19/1.110	F780	1197 UL
		69.955/2.7541	74.019/2.9141				
<b>3T1197</b> STD		<b>THRUST</b>					
	5		95.000/3.7402		2.45/.097	F250	1197T IH



10	Engine	Year	Cyl	Bore x Stroke	10
	4G12 1410cc Inline4 SOHC 2v	03/1976 - 12/1981	L4	74.0mm x 82.0mm	
	G11B 1244cc Inline4 SOHC 2v	12/1977 - 12/1982	L4	69.5mm x 82.0mm	
	G12B 1410cc Inline4 SOHC 2v	12/1977 - 05/1988	L4	74.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>17.6mm wide.</i>					
<b>4B1736A</b> STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	17.63/.694	F810	1736A IH
	<b>MAINS</b>	<i>Half groove.</i>					
<b>5M1124A</b> STD, .25, .50, .75, 1.00	1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1124A UL
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1125A(F) IH
	<b>MAINS</b>	<i>Full groove version of 5M1124A.</i>					
<b>5M1737A</b> STD, .25, .50, .75, 1.00	1,2,4,5	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1737A IH
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1738A(F) IH

11	Engine	Year	Cyl	Bore x Stroke	11
	4G13 1298cc Inline4 SOHC 2v	05/1986 - On	L4	71.0mm x 82.0mm	
	4G15 1468cc Inline4 SOHC 2v	10/1986 - 07/1990	L4	75.5mm x 82.0mm	
	4G15 1468cc Inline4 SOHC 3v	01/1986 - On	L4	75.5mm x 82.0mm	
	G13B 1298cc Inline4 SOHC 2v	01/1983 - 12/1991	L4	71.0mm x 82.0mm	
	G15B 1468cc Inline4 SOHC 3v	10/1983 - 12/1992	L4	75.5mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>15.5mm wide.</i>					
<b>4B1130A</b> STD, .25, .50, .75, 1.00, 1.25		41.981/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	15.65/.616	F810	1130A IH
	<b>CONROD</b>	<i>17.6mm wide.</i>					
<b>4B1736A</b> STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	17.63/.694	F810	1736A IH
	<b>MAINS</b>	<i>Half groove.</i>					
<b>5M1124A</b> STD, .25, .50, .75, 1.00	1,2,4,5	47.981/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1124A UL
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1125A(F) IH
	<b>MAINS</b>	<i>Full groove version of 5M1124A.</i>					
<b>5M1737A</b> STD, .25, .50, .75, 1.00	1,2,4,5	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1737A IH
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1738A(F) IH

12	Engine	Year	Cyl	Bore x Stroke	12
	G31B 1499cc Inline4 SOHC 2v	01/1969 - 12/1974	L4	74.5mm x 86.0mm	
	G33B 1439cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	73.0mm x 86.0mm	
	G37B 1755cc Inline4 SOHC 2v	05/1984 - 07/1989	L4	80.6mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>23.5 mm wide.</i>					
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
<b>RACE SERIES</b> <b>4B1146H</b> STD, .025, .25	<b>CONROD</b>	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
<b>RACE SERIES</b> <b>4B1146HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH





12 Continued ...								12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b>		<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>						
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
	<b>RACE SERIES</b>		<i>Standard width flanges for all undersizes.</i>					
	<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
<b>5M1144HX</b> STD		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
	<b>MAINS</b>		<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>					
	<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH
<b>MAINS</b>		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>						
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH

13 Engine		Year	Cyl	Bore x Stroke	13		
4G41 1378cc Inline4 SOHC 2v		12/1971 - 05/1979	L4	76.5mm x 75.0mm			
4G42 1187cc Inline4 SOHC 2v		10/1971 - 04/1979	L4	71.0mm x 75.0mm			
KE43 977cc Inline4 SOHC 2v		09/1964 - 02/1971	L4	72.0mm x 60.0mm			
KE44 1088cc Inline4 SOHC 2v		03/1967 - 02/1971	L4	73.0mm x 65.0mm			
KE46 1189cc Inline4 SOHC 2v		12/1967 - 12/1970	L4	73.0mm x 71.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1141A</b> STD, .25, .50, .75, 1.00, 1.25		51.976/2.0463 52.000/2.0472	55.000/2.1654 55.019/2.1661	1.488/.0586	22.12/.871	F810	1141A IH
	<b>MAINS</b>						
<b>3M1142A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3	63.985/2.5191 64.000/2.5197	68.000/2.6772 68.020/2.6779	1.991/.0784	25.02/.985	F810	1142A UL
	<b>THRUST</b>						
<b>1T1142</b> STD		68.330/2.6902 68.580/2.7000	82.169/3.2350 82.423/3.2450		3.56/.140	F1	1142T UL
	<b>CAMS</b>						
<b>4C8566A</b> STD	1		48.000/1.8898	1.492/.0587	19.50/.768	F820	8566A
	2		47.000/1.8504	1.492/.0587	13.00/.512	F820	8567A
	3		46.000/1.8110	1.492/.0587	13.00/.512	F820	8568A

**13 Continued ... 13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C8566A</b> STD	4		45.000/1.7717	1.492/.0587	19.50/.768	F820	8569A
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4295</b> UNB			21.000/.8268 21.020/.8276	1.025/.0404	26.75/1.053	F100	4RB4295
<b>PISTON PIN BUSH</b>							
<b>RB4295</b> UNB			21.000/.8268 21.020/.8276	1.025/.0404	26.75/1.053	F100	RB4295

**14 Engine Year Cyl Bore x Stroke 14**

4G51 1855cc Inline4 SOHC 2v	01/1974 - 12/1979	L4	81.0mm x 90.0mm
G51B 1855cc Inline4 SOHC 2v	06/1973 - 02/1978	L4	81.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1136A</b> STD, .25, .50, .75, 1.00, 1.25		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/.0588	25.13/.989	F810	1136A IH
<b>MAINS</b>		<i>Set is half grooved, suits 66mm journals.</i>					
<b>5M1137A</b> STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1138A(F) IH
<b>MAINS</b>		<i>Set is half grooved, suits 60mm journals. Alternate set to 5M1137A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00mm=Std+0.34mm.</i>					
<b>5M1239A</b> STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1239A(F) IH
<b>BALANCE</b>							
<b>3BS8288</b> STD, .25	1,2	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/.0582	20.25/.797	F820	8288
	3	22.959/.9039 22.980/.9047	26.000/1.0236 26.021/1.0244	1.505/.0593	18.00/.709	F820	8289

**15 Engine Year Cyl Bore x Stroke 15**

6D16-T 7545cc Inline6 2v Turbo Diesel	01/1987 - On	L6	118.0mm x 115.0mm
6D17 8201cc Inline6 2v Diesel	01/1991 - On	L6	118.0mm x 125.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Oil hole opposite notch.</i>					
<b>6B1230P</b> STD, .25, .50, .75, 1.00, 1.25		64.920/2.5559 64.940/2.5567	69.000/2.7165 69.020/2.7173	2.000/.0787	34.13/1.344	F780	1230 UL
<b>MAINS</b>		<i>Thrust washers to be used with this set.</i>					
<b>7M1232P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5,6,7	79.940/3.1472 79.955/3.1478	85.000/3.3465 85.020/3.3472	2.500/.0984	28.13/1.107	F780	1232 UL





16	Engine	Year	Cyl	Bore x Stroke	16
	6DS1 4678cc Inline6 2v Diesel	01/1964 - 07/1972	L6	95.0mm x 110.0mm	
	6DS10 4678cc Inline6 2v Diesel	01/1966 - 07/1972	L6	95.0mm x 100.0mm	
	6DS3 5103cc Inline6 2v Diesel	07/1972 - 12/1974	L6	98.0mm x 110.0mm	
	6DS30 5103cc Inline6 2v Diesel	07/1972 - 12/1977	L6	95.0mm x 130.0mm	
	6DS5 4978cc Inline6 2v Diesel	04/1970 - 10/1972	L6	98.0mm x 110.0mm	
	6DS50 4978cc Inline6 2v Diesel	04/1970 - 03/1976	L6	98.0mm x 110.0mm	
	6DS7 5430cc Inline6 2v Diesel	10/1972 - 07/1978	L6	98.0mm x 120.0mm	
	6DS70 5430cc Inline6 2v Diesel	10/1972 - 09/1985	L6		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1536P</b> STD, .25, .50, .75, 1.00		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536 IH
		59.964/2.3608	64.018/2.5204				
<b>MAINS</b>							
<b>7M1199P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	77.936/3.0683	82.000/3.2283	2.007/.0790	27.00/1.063	F780	1199 UL
		77.950/3.0689	82.022/3.2292				
<b>THRUST</b>							
<b>3T1199</b> STD		103.50mm O.D.			2.45/.096	F250	1199T IH
		85.500/3.3661	103.250/4.0650				
		85.750/3.3760	103.500/4.0748				

17	Engine	Year	Cyl	Bore x Stroke	17
	6G71 1998cc V6 SOHC 2v	07/1986 - 12/1996	V6	74.7mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1150A</b> STD, .25, .50, .75, 1.00		44.980/1.7709	48.000/1.8898	1.493/.0588	15.50/.610	F810	1150A IH
		45.000/1.7717	48.020/1.8905				
<b>MAINS</b>							
<b>4M1149A</b> STD, .25, .50, .75, 1.00	1,2,3,4	59.980/2.3614	64.000/2.5197	1.991/.0784	18.13/.714	F810	1149A UL
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>							
<b>RACE SERIES</b> <b>4M1149H</b> STD, .025, .25	1,2,3,4	59.980/2.3614	64.000/2.5197	1.988/.0783	18.13/.714	F780	1149H UL
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>							
<b>RACE SERIES</b> <b>4M1149HX</b> STD	1,2,3,4	59.980/2.3614	64.000/2.5197	1.975/.0778	18.13/.714	F780	1149HX UL
		60.000/2.3622	64.020/2.5205				
<b>THRUST</b>							
<b>2T1149</b> STD		66.250/2.6083	77.450/3.0492		1.98/.078	F817	1149T UL
		66.500/2.6181	77.700/3.0590				

18	Engine	Year	Cyl	Bore x Stroke	18
	4G30 1289cc Inline4 SOHC 2v	12/1969 - 01/1973	L4	73.0mm x 77.0mm	
	4G31 1499cc Inline4 SOHC 2v	12/1969 - 01/1974	L4	74.5mm x 86.0mm	
	4G33 1439cc Inline4 SOHC Belt 2v	07/1977 - 05/1990	L4	73.0mm x 86.0mm	
	4G33 1439cc Inline4 SOHC Chain 2v	01/1972 - 12/1981	L4	73.0mm x 86.0mm	
	4G35 1686cc Inline4 SOHC 2v	12/1972 - 12/1977	L4	79.0mm x 86.0mm	
	4G36 1238cc Inline4 SOHC 2v	12/1975 - 02/1979	L4	73.0mm x 74.0mm	
	4G37 1755cc Inline4 SOHC 2v	07/1984 - 12/1991	L4	80.6mm x 86.0mm	
	4G61 1596cc Inline4 DOHC 4v	01/1990 - 12/1992	L4	82.0mm x mm	
	4G61T 1597cc Inline4 DOHC 4v Turbo	01/1989 - 12/1989	L4	82.3mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
23.5 mm wide.							
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A IH
		45.000/1.7717	48.020/1.8905				
<b>CONROD</b>							
<b>RACE SERIES</b> <b>4B1146H</b> STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H IH
		45.000/1.7717	48.020/1.8905				



18 Continued ...								18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>						
<b>4B1146HX</b> STD		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX	
		45.000/1.7717	48.020/1.8905				IH	
<b>5M1144A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>						
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A	
		57.000/2.2441	61.020/2.4024				L	
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A	
		57.000/2.2441	61.020/2.4024				U	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>RACE SERIES</b>		<b>MAINS</b> <i>Standard width flanges for all undersizes.</i>						
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147H	
		57.000/2.2441	61.020/2.4024				U	
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H	
		57.000/2.2441	61.020/2.4024				L	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F780	1148H(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
<b>5M1144HX</b> STD	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1147HX	
		57.000/2.2441	61.020/2.4024				U	
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1144HX	
		57.000/2.2441	61.020/2.4024				L	
	3	56.980/2.2433	61.000/2.4016	1.977/.0778	28.95/1.140	F780	1148HX(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25		<b>MAINS</b> <i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>						
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A	
		57.000/2.2441	61.020/2.4024				IH	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1154A(F)	
	57.000/2.2441	61.020/2.4024				IH		
<b>5M1217A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, .025=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A	
		57.000/2.2441	61.020/2.4024				L	
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A	
		57.000/2.2441	61.020/2.4024				U	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25		<b>MAINS</b> <i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>						
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A	
		57.000/2.2441	61.020/2.4024				IH	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1238A(F)	
	57.000/2.2441	61.020/2.4024				IH		

19 Engine				Year	Cyl	Bore x Stroke	19
4G92 MIVEC 1597cc Inline4 DOHC 4v				08/1991 - On	L4	81.0mm x 77.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8036A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>					
		44.980/1.7709	48.000/1.8898	1.492/.0587	16.80/.661	F810	8036A
		45.000/1.7717	48.015/1.8904				IH
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>4B8036H</b> STD, .25		44.980/1.7709	48.000/1.8898	1.492/.0587	16.80/.661	F781	8036H
		45.000/1.7717	48.015/1.8904				IH
<b>4B8038A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Superseded by 4B8036A.</i>					
		48.000/1.8898		1.492/.0587	16.80/.661	F810	8038A
		45.000/1.7717					IH





19 Continued ...							19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8039A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	19.13/.753	F810	8039A UL
	<b>THRUST</b>	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803		1.98/.078	F817	8037T IH
<b>1T8037</b> STD							
20 Engine				Year	Cyl	Bore x Stroke	20
4A90 1332cc Inline4 DOHC 4v				01/2004 - On	L4	75.0mm x 75.4mm	
4A91 1499cc Inline4 DOHC 4v				01/2004 - On	L4	75.0mm x 84.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8564A</b> STD, .25, .50	<b>CONROD</b>		43.000/1.6929 43.020/1.6937	1.493/.0588	13.63/.537	F810	8564A UL
	<b>MAINS</b> 1,2,3,4,5		50.000/1.9685 50.020/1.9693	1.991/.0784	16.13/.635	F810	8565A UL
<b>5M8565A</b> STD, .25, .50	<b>THRUST</b>	52.000/2.0472 52.250/2.0571	67.450/2.6555		3.26/.128	F817	8565T UL
<b>1T8565</b> STD							
21 Engine				Year	Cyl	Bore x Stroke	21
2G23 546cc Inline2 SOHC 2v				03/1977 - 08/1982	L2	70.0mm x 71.0mm	
2G24 644cc Inline2 SOHC 2v				08/1982 - 12/1983	L2	76.0mm x 71.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2B8577A</b> STD, .25	<b>CONROD</b>	39.980/1.5740 39.992/1.5745	43.004/1.6931 43.020/1.6937	1.495/.0589	17.13/.674	F810	8577A IH
	<b>MAINS</b> 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8578A IH
<b>3M8578A</b> STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	23.95/.943	F810	8579A(F) IH
	<b>MAINS</b> 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8578A IH
<b>3M8578A</b> STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	23.95/.943	F810	8579A(F) IH
<b>3M8580A</b> STD, .25	<b>MAINS</b> 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8580A UL
	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	53.95/2.124	F810	8581A(F) UL
22 Engine				Year	Cyl	Bore x Stroke	22
G23B 546cc Inline2 SOHC 2v				07/1978 - 05/1987	L2	70.0mm x 71.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2B8577A</b> STD, .25	<b>CONROD</b>	39.980/1.5740 39.992/1.5745	43.004/1.6931 43.020/1.6937	1.495/.0589	17.13/.674	F810	8577A IH
	<b>MAINS</b> 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8578A IH
<b>3M8578A</b> STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	23.95/.943	F810	8579A(F) IH
	<b>MAINS</b> 1,2	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	19.43/.765	F810	8580A UL
<b>3M8580A</b> STD, .25	3	42.980/1.6921 43.000/1.6929	47.000/1.8504 47.020/1.8512	1.990/.0783	53.95/2.124	F810	8581A(F) UL



23	Engine	Year	Cyl	Bore x Stroke	23
	2G25 783cc Inline2 SOHC 2v	01/1984 - 11/1988	L2	78.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>2B8577A</b> STD, .25		39.980/1.5740	43.004/1.6931	1.495/.0589	17.13/.674	F810	8577A
		39.992/1.5745	43.020/1.6937				IH
<b>MAINS</b>							
<b>3M8580A</b> STD, .25	1,2	42.980/1.6921	47.000/1.8504	1.990/.0783	19.43/.765	F810	8580A
		43.000/1.6929	47.020/1.8512				UL
	3	42.980/1.6921	47.000/1.8504	1.990/.0783	53.95/2.124	F810	8581A(F)
		43.000/1.6929	47.020/1.8512				UL

24	Engine	Year	Cyl	Bore x Stroke	24
	3G81 548cc Inline3 SOHC 2v	01/1987 - 12/1991	L3	62.3mm x 60.0mm	
	3G82 796cc Inline3 SOHC 2v	01/1987 - 11/1988	L3	65.0mm x 80.0mm	
	3G83 657cc Inline3 SOHC 2v	01/1990 - On	L3	65.0mm x 66.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B8583A</b> STD, .25, .50, .75, 1.00		35.980/1.4165	39.000/1.5354	1.489/.0586	14.63/.576	F810	8583A
		36.000/1.4173	39.020/1.5362				IH
<b>MAINS</b>							
<b>4M8584A</b> STD, .25, .50, .75, 1.00	1,2,3,4	39.980/1.5740	44.000/1.7323	1.990/.0783	17.13/.674	F810	8584A
		40.000/1.5748	44.020/1.7331				UL
<b>THRUST</b>							
<b>1T8584</b> STD		45.000/1.7717	56.700/2.2323		2.48/.097	F817	8584T
		45.250/1.7815	56.950/2.2421				IH
<b>BALANCE</b>							
<b>2B8586A</b> STD	1		23.000/.9055	1.482/.0583	16.00/.630	F830	8586A
		2		47.000/1.8504	1.482/.0583	16.00/.630	F830

25	Engine	Year	Cyl	Bore x Stroke	25
	4G81 731cc Inline4 SOHC 2v	01/1987 - 12/1991	L4	62.3mm x 60.0mm	
	4G82 1061cc Inline4 SOHC 2v	01/1987 - 12/1988	L4	65.0mm x 80.0mm	
	4G83 876cc Inline4 SOHC 2v	01/1990 - On	L4	65.0mm x 66.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8583A</b> STD, .25, .50, .75, 1.00		35.980/1.4165	39.000/1.5354	1.489/.0586	14.63/.576	F810	8583A
		36.000/1.4173	39.020/1.5362				IH
<b>MAINS</b>							
<b>5M8584A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	39.980/1.5740	44.000/1.7323	1.990/.0783	17.13/.674	F810	8584A
		40.000/1.5748	44.020/1.7331				UL
<b>THRUST</b>							
<b>1T8584</b> STD		45.000/1.7717	56.700/2.2323		2.48/.097	F817	8584T
		45.250/1.7815	56.950/2.2421				IH

26	Engine	Year	Cyl	Bore x Stroke	26
	4G94 1999cc Inline4 SOHC 4v	07/2002 - On	L4	81.5mm x 95.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8050A</b> STD, .25, .50, .75		46.980/1.8496	50.000/1.9685	1.492/.0587	16.80/.661	F810	8050A
		47.000/1.8504	50.015/1.9691				IH
<b>RACE SERIES</b>							
<b>4B8050H</b> STD, .025, .25		46.980/1.8496	50.000/1.9685	1.492/.0587	16.80/.661	F781	8050H
		47.000/1.8504	50.015/1.9691				IH



26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B8050HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		46.980/1.8496 47.000/1.8504	50.000/1.9685 50.015/1.9691	1.479/.0582	16.80/.661	F781	8050HX IH
<b>5M8037A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	19.13/.753	F810	8037A UL
<b>RACE SERIES</b> <b>5M8037H</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	49.982/1.9678 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	19.13/.753	F780	8037H UL
<b>1T8037</b> STD	<b>THRUST</b>	56.000/2.2047 56.250/2.2146	75.400/2.9685 75.700/2.9803		1.98/.078	F817	8037T IH

27 Engine				Year	Cyl	Bore x Stroke	27
4M41 3200cc Inline4 DOHC 4v Turbo Diesel				08/1999 - On	L4	98.5mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B1800H</b> Std	<b>CONROD</b>	53.970/2.1248 54.000/2.1260	58.000/2.2835 58.020/2.2842	1.993/.0785	27.63/1.088	F781	1800H UL
<b>4B1800P</b> STD, .25, .50, .75	<b>CONROD</b>	53.970/2.1248 54.000/2.1260	58.000/2.2835 58.020/2.2842	1.990/.0783	27.60/1.087	F780	1800 UL
<b>5M1778P</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,4,5  3	67.961/2.6756 67.978/2.6763 67.961/2.6756 67.978/2.6763	72.000/2.8346 72.019/2.8354 72.000/2.8346 72.019/2.8354	2.000/.0787  1.990/.0783	22.13/.871	F780	1778 UL 1779 UL
<b>2T1778</b> STD	<b>THRUST</b>	76.250/3.0020 76.500/3.0118	94.250/3.7106 94.500/3.7205		2.45/.096	F817	1778T UL
<b>4RB4294</b> UNB, STD	<b>PISTON PIN BUSH</b>	<i>Tapered Bush. Set of 4.</i>					
		31.980/1.2591 32.000/1.2598	35.000/1.3780 35.030/1.3791	1.500/.0591	34.80/1.370	F100	4RB4294
<b>RB4294</b> UNB, STD	<b>PISTON PIN BUSH</b>	<i>Tapered Bush.</i>					
		31.980/1.2591 32.000/1.2598	35.000/1.3780 35.030/1.3791	1.500/.0591	34.80/1.370	F810	RB4294

28 Engine				Year	Cyl	Bore x Stroke	28
6A12 1998cc V6 SOHC 4v				01/1993 - 12/1996	V6	78.4mm x 69.0mm	
6A12G 1998cc V6 DOHC 4v MIVEC				03/1993 - On	V6	78.4mm x 69.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1231P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	42.995/1.6927 43.000/1.6929	46.000/1.8110 46.020/1.8118	1.490/.0587	15.00/.591	F780	1231 IH
<b>4M1233A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4	52.994/2.0864 53.000/2.0866	57.000/2.2441 57.020/2.2449	1.993/.0785	17.00/.669	F810	1233A UL
<b>1T1233</b> STD	<b>THRUST</b>	59.250/2.3327 59.500/2.3425	79.500/3.1299 79.750/3.1398		1.98/.078	F817	1233T IH



29 Engine		Year		Cyl	Bore x Stroke	29	
4G32 1597cc Inline4 SOHC Belt 2v		10/1977 - 12/1990		L4	77.0mm x 86.0mm		
4G32 1597cc Inline4 SOHC Chain 2v		01/1970 - 12/1979		L4	77.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>23.5 mm wide.</i>					
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A
		45.000/1.7717	48.020/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1146H</b> STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H
		45.000/1.7717	48.020/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1146HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX
		45.000/1.7717	48.020/1.8905				IH
<b>MAINS</b>		<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>					
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
		57.000/2.2441	61.020/2.4024				U
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F)
		57.000/2.2441	61.020/2.4024				IH
<b>RACE SERIES</b>							
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147H
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F780	1148H(F)
		57.000/2.2441	61.020/2.4024				IH
<b>RACE SERIES</b>							
<b>5M1144HX</b> STD	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1147HX
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1144HX
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.977/.0778	28.95/1.140	F780	1148HX(F)
		57.000/2.2441	61.020/2.4024				IH
<b>MAINS</b>		<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>					
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A
		57.000/2.2441	61.020/2.4024				IH
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1154A(F)
		57.000/2.2441	61.020/2.4024				IH
<b>MAINS</b>		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>					
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F)
		57.000/2.2441	61.020/2.4024				IH
<b>MAINS</b>		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>					
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A
		57.000/2.2441	61.020/2.4024				IH
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1238A(F)
		57.000/2.2441	61.020/2.4024				IH
<b>BALANCE</b>							
<b>3BS8385</b> STD	RH/FRONT	38.975/1.5344	42.025/1.6545	1.505/.0593	19.00/.748	F820	8385
		38.975/1.5344	42.025/1.6545				
	RH/LH REAR	35.976/1.4164	39.025/1.5364	1.495/.0589	16.00/.630	F820	8386
		35.976/1.4164	39.025/1.5364				



30	Engine	Year	Cyl	Bore x Stroke	30		
	4G52 1995cc Inline4 SOHC 2v	01/1976 - 09/1984	L4	84.0mm x 90.0mm			
	4G53 2384cc Inline4 SOHC 2v	01/1974 - 01/1985	L4	88.0mm x 98.0mm			
	4G54 2555cc Inline4 SOHC 2v	11/1975 - 09/1990	L4	91.1mm x 98.0mm			
	G52B 1995cc Inline4 SOHC 2v	11/1977 - 12/1987	L4	84.0mm x 90.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1136A</b> STD, .25, .50, .75, 1.00, 1.25		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/.0588	25.13/.989	F810	1136A IH
<b>MAINS</b>							
<i>Set is half grooved, suits 66mm journals.</i>							
<b>5M1137A</b> STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1138A(F) IH
<b>MAINS</b>							
<i>Set is half grooved, suits 60mm journals. This set has standard width flanges for all undersizes. See 5M1143A for oversize flange version.</i>							
<b>5M1139A</b> STD, .25, .50, .75, 1.00	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1134A U
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1139A L
	3	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	30.95/1.219	F810	1135A(F) IH
<b>MAINS</b>							
<i>Alternate set to 5M1139A. Suits 60mm journals. Set contains overwidth flanges for undersizes: 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.25mm, 1.00mm=Std+0.33mm.</i>							
<b>5M1143A</b> .25, .50, .75, 1.00	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1139A L
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1134A U
	3	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.115/.0833	30.95/1.219	F820	1143AL(F) IH
<b>MAINS</b>							
<i>Set is half grooved, suits 60mm journals. Alternate set to 5M1137A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00mm=Std+0.34mm.</i>							
<b>5M1239A</b> STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1239A(F) IH
<b>BALANCE</b>							
<b>3BS8288</b> STD, .25	1,2	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/.0582	20.25/.797	F820	8288
	3	22.959/.9039 22.980/.9047	26.000/1.0236 26.021/1.0244	1.505/.0593	18.00/.709	F820	8289

31	Engine	Year	Cyl	Bore x Stroke	31		
	G63B 1997cc Inline4 SOHC 4v	01/1989 - 03/1993	L4	85.0mm x 88.0mm			
	G64B 2351cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	86.5mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>23.5 mm wide.</i>							
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
<b>RACE SERIES</b>							
<b>4B1146H</b> STD, .025, .25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH
<b>RACE SERIES</b>							
<b>4B1146HX</b> STD		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
<i>0.001" extra oil clearance on STD journal.</i>							



**31 Continued ... 31**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>								
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A	
		57.000/2.2441	61.020/2.4024				U	
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A	
		57.000/2.2441	61.020/2.4024				L	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>RACE SERIES</b> <b>MAINS</b> <i>Standard width flanges for all undersizes.</i>								
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147H	
		57.000/2.2441	61.020/2.4024				U	
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H	
		57.000/2.2441	61.020/2.4024				L	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F780	1148H(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>								
<b>5M1144HX</b> STD	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1144HX	
		57.000/2.2441	61.020/2.4024				L	
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1147HX	
		57.000/2.2441	61.020/2.4024				U	
	3	56.980/2.2433	61.000/2.4016	1.977/.0778	28.95/1.140	F780	1148HX(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>MAINS</b> <i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>								
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A	
		57.000/2.2441	61.020/2.4024				IH	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1154A(F)	
		57.000/2.2441	61.020/2.4024				IH	
	<b>MAINS</b> <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>							
	<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
57.000/2.2441			61.020/2.4024				U	
1,2,4,5		56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A	
		57.000/2.2441	61.020/2.4024				L	
3		56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F)	
		57.000/2.2441	61.020/2.4024				IH	
<b>MAINS</b> <i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>								
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A	
		57.000/2.2441	61.020/2.4024				IH	
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1238A(F)	
		57.000/2.2441	61.020/2.4024				IH	
	<b>BALANCE</b>							
	<b>3BS8389</b> STD, .25, .50	LH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
			44.025/1.7333					
RH/FRONT			45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
			45.025/1.7726					
RH/REAR		40.967/1.6129	44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
		40.967/1.6129	44.025/1.7333					

**32 Engine Year Cyl Bore x Stroke 32**

G32B 1597cc Inline4 SOHC 2v 01/1977 - 12/1990 L4 77.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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**CONROD** 23.5 mm wide.

<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A
		45.000/1.7717	48.020/1.8905				IH





32 Continued ...								32	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>4B1146H</b> STD, .025, .25	<b>CONROD</b>	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH		
<b>RACE SERIES</b> <b>4B1146HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
<b>5M1144A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH		
<b>RACE SERIES</b> <b>5M1144H</b> STD, .025, .25	<b>MAINS</b>	<i>Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH		
<b>RACE SERIES</b> <b>5M1144HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH		
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH		
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH		
<b>3B58385</b> STD	<b>BALANCE</b>								
	RH/FRONT	38.975/1.5344 38.975/1.5344	42.025/1.6545 42.025/1.6545	1.505/.0593	19.00/.748	F820	8385		
	RH/LH REAR	35.976/1.4164 35.976/1.4164	39.025/1.5364 39.025/1.5364	1.495/.0589	16.00/.630	F820	8386		

33 Engine		Year		Cyl	Bore x Stroke		33	
G54B 2555cc inline4 SOHC 2v		08/1978 - 03/1997		L4	91.1mm x 98.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1136A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/.0588	25.13/.989	F810	1136A IH	
<b>5M1139A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Set is half grooved, suits 60mm journals. This set has standard width flanges for all undersizes. See 5M1143A for oversize flange version.</i>						
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1134A U	
	1,2,4,5	59.973/2.3611 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.990/.0783	25.13/.989	F810	1139A L	

33 Continued ...							33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1139A</b> STD, .25, .50, .75, 1.00	3	59.973/2.3611	64.000/2.5197	1.990/.0783	30.95/1.219	F810	1135A(F)
		60.000/2.3622	64.020/2.5205				IH
<b>MAINS</b>		<i>Alternate set to 5M1139A. Suits 60mm journals. Set contains overwidth flanges for undersizes: 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.25mm, 1.00mm=Std+0.33mm.</i>					
<b>5M1143A</b> .25, .50, .75, 1.00	1,2,4,5	59.973/2.3611	64.000/2.5197	1.990/.0783	25.13/.989	F810	1134A
		60.000/2.3622	64.020/2.5205				U
	1,2,4,5	59.973/2.3611	64.000/2.5197	1.990/.0783	25.13/.989	F810	1139A
		60.000/2.3622	64.020/2.5205				L
3	59.973/2.3611	64.000/2.5197	2.115/.0833	30.95/1.219	F820	1143AL(F)	
	60.000/2.3622	64.020/2.5205				IH	
<b>BALANCE</b>							
<b>3B58288</b> STD, .25	1,2	43.009/1.6933	46.030/1.8122	1.478/.0582	20.25/.797	F820	8288
		43.025/1.6939	46.050/1.8130				
	3	22.959/.9039	26.000/1.0236	1.505/.0593	18.00/.709	F820	8289
		22.980/.9047	26.021/1.0244				

34 Engine	Year	Cyl	Bore x Stroke	34
4G62 1795cc Inline4 SOHC 2v	01/1980 - 02/1988	L4	80.6mm x 88.0mm	
4G63T 1997cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	85.0mm x 88.0mm	
G62B 1795cc Inline4 SOHC 2v	01/1980 - 04/1987	L4	80.6mm x 88.0mm	
G62BT 1795cc Inline4 SOHC 2v Turbo	01/1982 - 12/1989	L4	80.6mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>23.5 mm wide.</i>					
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A
		45.000/1.7717	48.020/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1146H</b> STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H
		45.000/1.7717	48.020/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1146HX</b> STD		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX
		45.000/1.7717	48.020/1.8905				IH
<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>					
		<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>					
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L
3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F)	
	57.000/2.2441	61.020/2.4024				IH	
<b>RACE SERIES</b>							
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147H
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H
		57.000/2.2441	61.020/2.4024				L
3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F780	1148H(F)	
	57.000/2.2441	61.020/2.4024				IH	
<b>RACE SERIES</b>							
<b>5M1144HX</b> STD	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1147HX
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.977/.0778	23.00/.906	F780	1144HX
		57.000/2.2441	61.020/2.4024				L
3	56.980/2.2433	61.000/2.4016	1.977/.0778	28.95/1.140	F780	1148HX(F)	
	57.000/2.2441	61.020/2.4024				IH	
<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>					
		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, .25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>					
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L





34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH
<b>3BS8387</b> STD	<b>BALANCE</b> <i>To be superseded by 3BS8389.</i>						
	R/H FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/LH REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
<b>3BS8389</b> STD, .25, .50	<b>BALANCE</b>						
	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389

35 Engine				Year	Cyl	Bore x Stroke	35	
G63B 1997cc Inline4 SOHC 2v				12/1980 - 01/1993	L4	85.0mm x 88.0mm		
G63BT 1997cc Inline4 SOHC 2v Turbo				01/1980 - 04/1992	L4	85.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>23.5 mm wide.</i>						
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH	
	<b>RACE SERIES</b>							
<b>4B1146H</b> STD, .025, .25		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH	
	<b>RACE SERIES</b>							
<b>4B1146HX</b> STD		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH	
	<b>MAINS</b>	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>						
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
	<b>RACE SERIES</b>							
	<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U
3		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
<b>5M1144HX</b> STD								
	<b>MAINS</b>	<i>Standard width flanges for all undersizes.</i>						
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
	<b>MAINS</b> <i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							

**35 Continued ... 35**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>								
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A L	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A U	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
		57.000/2.2441	61.020/2.4024					
<b>MAINS</b> <i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>								
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1147A IH	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1238A(F) IH	
		57.000/2.2441	61.020/2.4024					
	<b>BALANCE</b> <i>To be superseded by 3BS8389.</i>							
	<b>3BS8387</b> STD	R/H FRONT	45.025/1.7726	45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
44.025/1.7333			44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
RH/LH REAR		44.025/1.7333	44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
		40.967/1.6129	40.967/1.6129	1.495/.0589	21.25/.837	F820	8389	
<b>BALANCE</b>								
<b>3BS8389</b> STD, .25, .50	LH/REAR	44.025/1.7333	44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
		45.025/1.7726	45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
	RH/FRONT	45.025/1.7726	45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
		44.025/1.7333	44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
	RH/REAR	44.025/1.7333	44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
		40.967/1.6129	40.967/1.6129	1.495/.0589	21.25/.837	F820	8389	

<b>36 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>36</b>
6G74 3497cc V6 DOHC 4v	12/1993 - 05/2000	V6	93.0mm x 86.0mm	
6G74 3497cc V6 SOHC 4v	10/1996 - On	V6	93.0mm x 86.0mm	
6G75 3828cc V6 SOHC 4v	09/2003 - On	V6	95.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1180A</b> STD, .25, .50, .75, 1.00		54.981/2.1646	58.001/2.2835	1.495/.0589	15.50/.610	F810	1180A IH
		54.999/2.1653	58.019/2.2842				
<b>MAINS</b>							
<b>4M1183A</b> STD, .25, .50, .75, 1.00	1,2,3,4	63.983/2.5190	68.000/2.6772	1.995/.0785	17.12/.674	F810	1183A UL
		64.000/2.5197	68.018/2.6779				
<b>THRUST</b>							
<b>1T1183</b> STD		70.100/2.7598	94.250/3.7106		1.96/.077	F817	1183T IH
		70.350/2.7697	94.500/3.7205				

<b>37 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>37</b>
4D34 3907cc Inline4 OHV 2v Diesel	01/1991 - 07/1996	L4	104.0mm x 115.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1230P</b> STD, .25, .50, .75, 1.00		64.920/2.5559	69.000/2.7165	2.000/.0787	34.13/1.344	F780	1230 UL
		64.940/2.5567	69.020/2.7173				
<b>CONROD</b>							
<b>4B1235P</b> STD, .25, .50, .75, 1.00		69.000/2.7165	69.000/2.7165	2.000/.0787	33.13/1.304	F780	1235 UL
		69.020/2.7173	69.020/2.7173				
<b>MAINS</b> <i>Slot opposite notch in the upper shell, plain lower.</i>							
<b>5M1198P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				





<b>37 Continued ...</b>							<b>37</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

	<b>THRUST</b>	<i>110mm O.D.</i>					
<b>3T1229</b> STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

<b>38 Engine</b>			<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>38</b>
4D31 3298cc Inline4 OHV 2v Diesel			10/1982 - 08/1991	L4	100.0mm x 105.0mm	
4D31 3298cc Inline4 OHV 2v Turbo Diesel			01/1982 - 01/1991	L4	100.0mm x 105.0mm	
4D31A 3298cc Inline4 OHV 2v Diesel			10/1982 - 08/1991	L4	100.0mm x 105.0mm	
4D31A 3298cc Inline4 OHV 2v Turbo Dese			10/1982 - 08/1991	L4	100.0mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	<b>CONROD</b>	<i>Oil slot in upper shell, plain lower shell.</i>					
<b>4B1535P</b> STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1535 U
		59.964/2.3608	64.018/2.5204				
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536 L
		59.964/2.3608	64.018/2.5204				

	<b>MAINS</b>	<i>Slot opposite notch in the upper shell, plain lower.</i>					
<b>5M1198P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				

	<b>THRUST</b>	<i>103.50mm O.D.</i>					
<b>3T1199</b> STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T IH
		85.750/3.3760	103.500/4.0748				

	<b>THRUST</b>	<i>110mm O.D.</i>					
<b>3T1229</b> STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4069</b> UNB		34.000/1.3386	37.000/1.4567	1.640/.0646	39.00/1.535	F100	4RB4069
		34.000/1.3386	37.000/1.4567				

<b>39 Engine</b>			<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>39</b>
4D32A 3298cc Inline4 OHV 2v Diesel			10/1985 - 01/1991	L4	100.0mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	<b>CONROD</b>	<i>Oil slot in upper shell, plain lower shell.</i>					
<b>4B1535P</b> STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1535 U
		59.964/2.3608	64.018/2.5204				
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536 L
		59.964/2.3608	64.018/2.5204				

	<b>MAINS</b>	<i>Slot opposite notch in the upper shell, plain lower.</i>					
<b>5M1198P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				

	<b>THRUST</b>	<i>103.50mm O.D.</i>					
<b>3T1199</b> STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T IH
		85.750/3.3760	103.500/4.0748				

	<b>THRUST</b>	<i>110mm O.D.</i>					
<b>3T1229</b> STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

<b>40 Engine</b>			<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>40</b>
4D34-T 3907cc Inline4 OHV 2v Turbo Dies			08/1991 - On	L4		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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	<b>CONROD</b>	<i>Slot opposite notch in the upper shell, plain lower.</i>					
<b>4B1230P</b> STD, .25, .50, .75, 1.00		64.920/2.5559	69.000/2.7165	2.000/.0787	34.13/1.344	F780	1230 UL
		64.940/2.5567	69.020/2.7173				

	<b>MAINS</b>	<i>Slot opposite notch in the upper shell, plain lower.</i>					
<b>5M1198P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198 UL
		77.950/3.0689	82.022/3.2292				



**40 Continued ... 40**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b> <span style="float: right;">110mm O.D.</span>							
<b>3T1229</b> STD		83.250/3.2776	109.750/4.3209		2.45/.096	F250	1229T
		83.500/3.2874	110.000/4.3307				

Engine	Year	Cyl	Bore x Stroke	41
4G63 1997cc Inline4 SOHC 4v	01/1993 - 09/2007	L4	85.0mm x .0mm	
4G64 2351cc Inline4 DOHC 4v	01/1993 - 11/1998	L4	85.0mm x mm	
4G64-S4 2351cc Inline4 SOHC 4v	08/1992 - On	L4	86.5mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <span style="float: right;">21mm wide.</span>							
<b>4B1185A</b> STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A IH
		44.996/1.7715	48.019/1.8905				
<b>RACE SERIES</b>							
<b>4B1185H</b> STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H IH
		44.996/1.7715	48.019/1.8905				
<b>RACE SERIES</b>							
<b>4B1185HX</b> STD		44.981/1.7709	47.998/1.8897	1.475/.0581	21.10/.831	F781	1185HX IH
		44.996/1.7715	48.019/1.8905				
<b>MAINS</b> <span style="float: right;">Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</span>							
<b>5M1186A</b> STD, .25, .50, .75, 1.00	1,2,4,5.	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F810	1187A(F) IH
		57.000/2.2441	61.021/2.4024				
<b>RACE SERIES</b>							
<b>5M1186H</b> STD, .025, .25	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186H UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F780	1187H(F) IH
		57.000/2.2441	61.021/2.4024				
<b>RACE SERIES</b>							
<b>5M1186HX</b> STD	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186HX UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016	1.977/.0778	25.40/1.000	F780	1187HX(F) IH
		57.000/2.2441	61.021/2.4024				
<b>MAINS</b> <span style="float: right;">Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</span>							
<b>5M1213A</b> .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016	2.115/.0833	25.65/1.010	F810	1213A(F) IH
		57.000/2.2441	61.021/2.4024				
<b>MAINS</b> <span style="float: right;">For use in engines requiring separate thrust washers.</span>							
<b>5M1219A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
<b>RACE SERIES</b>							
<b>5M1219H</b> STD, .025, .25	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186H UL
		57.000/2.2441	61.021/2.4024				
<b>RACE SERIES</b>							
<b>5M1219HX</b> STD	1,2,3,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F780	1186HX UL
		57.000/2.2441	61.021/2.4024				
<b>MAINS</b> <span style="float: right;">Suits engines with one thrust flange only, used in the upper position.</span>							
<b>5M1228A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A L
		57.000/2.2441	61.021/2.4024				
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F810	1187A(F) U
		57.000/2.2441	61.021/2.4024				



41 Continued ...							41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T1219</b> STD	<b>THRUST</b>	<i>For use with 5M1219 set.</i>					
		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH
<b>3BS8389</b> STD, .25, .50	<b>BALANCE</b> LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
		RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820
	RH/REAR		40.967/1.6129	44.025/1.7333	1.495/.0589	21.25/.837	F820
			40.967/1.6129	44.025/1.7333			

42 Engine		Year	Cyl	Bore x Stroke	42				
4G64 2351cc Inline4 SOHC 2v		01/1986 - 10/1997	L4	86.5mm x 100.0mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	<i>23.5 mm wide.</i>							
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH		
<b>RACE SERIES</b> <b>4B1146H</b> STD, .025, .25	<b>CONROD</b>	44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H IH		
		45.000/1.7717	48.020/1.8905						
<b>RACE SERIES</b> <b>4B1146HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>							
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH		
<b>4B1185A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>21mm wide.</i>							
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.490/.0587	21.10/.831	F810	1185A IH		
<b>RACE SERIES</b> <b>4B1185H</b> STD, .025, .25	<b>CONROD</b>	44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H IH		
		44.996/1.7715	48.019/1.8905						
<b>RACE SERIES</b> <b>4B1185HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>							
		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/.0581	21.10/.831	F781	1185HX IH		
<b>5M1144A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
		1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
		<b>RACE SERIES</b> <b>5M1144H</b> STD, .025, .25	<b>MAINS</b>	<i>Standard width flanges for all undersizes.</i>					
				1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U		
	<b>RACE SERIES</b> <b>5M1144HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
			1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U
			1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L
		3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
		<b>MAINS</b>	<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>						
1,2,4,5			56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	





42		Continued ...						42
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
<b>MAINS</b>		<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>						
<b>5M1186A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH	
<b>RACE SERIES</b>		<b>MAINS</b>						
<b>5M1186H</b> STD, .025, .25	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH	
<b>RACE SERIES</b>		<b>MAINS</b>						
<b>5M1186HX</b> STD	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH	
<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>						
		<i>Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</i>						
<b>5M1213A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH	
<b>MAINS</b>		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
<b>MAINS</b>		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>						
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH	
<b>BALANCE</b>								
<b>3BS8389</b> STD, .25, .50	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	

43		Engine	Year	Cyl	Bore x Stroke	43	
		4G91 1496cc Inline4 DOHC 4v	08/1991 - On	L4	81.0mm x 77.5mm		
		4G93 1834cc Inline4 DOHC 4v	01/1992 - 12/2005	L4	81.0mm x 89.0mm		
		4G93T 1834cc Inline4 DOHC 4v Turbo	08/1991 - 12/1996	L4	81.0mm x 89.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8036A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/.0587	16.80/.661	F810	8036A IH
<b>RACE SERIES</b>		<b>CONROD</b>					
<b>4B8036H</b> STD, .25		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.015/1.8904	1.492/.0587	16.80/.661	F781	8036H IH



43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8037A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F810	8037A
		50.000/1.9685	54.018/2.1267				UL
<b>RACE SERIES</b> <b>5M8037H</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F780	8037H
		50.000/1.9685	54.018/2.1267				UL
<b>1T8037</b> STD	<b>THRUST</b>	56.000/2.2047	75.400/2.9685		1.98/.078	F817	8037T
		56.250/2.2146	75.700/2.9803				IH

44 Engine	Year	Cyl	Bore x Stroke	44
4G92 1597cc Inline4 SOHC/DOHC 4v	09/1992 - 12/2008	L4	81.0mm x 77.5mm	
4G93 1834cc Inline4 SOHC 4v	08/1991 - 02/2003	L4	81.0mm x 89.0mm	
4G93P 1834cc Inline4 SOHC 4v	10/1997 - On	L4	81.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8036A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.980/1.7709	48.000/1.8898	1.492/.0587	16.80/.661	F810	8036A
		45.000/1.7717	48.015/1.8904				IH
<b>RACE SERIES</b> <b>4B8036H</b> STD, .25	<b>CONROD</b>	44.980/1.7709	48.000/1.8898	1.492/.0587	16.80/.661	F781	8036H
		45.000/1.7717	48.015/1.8904				IH
<b>4B8038A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Superceded by 4B8036A.</i>		1.492/.0587	16.80/.661	F810	8038A
		48.000/1.8898					IH
<b>5M8037A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F810	8037A
		50.000/1.9685	54.018/2.1267				UL
<b>RACE SERIES</b> <b>5M8037H</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	49.982/1.9678	54.000/2.1260	1.991/.0784	19.13/.753	F780	8037H
		50.000/1.9685	54.018/2.1267				UL
<b>1T8037</b> STD	<b>THRUST</b>	56.000/2.2047	75.400/2.9685		1.98/.078	F817	8037T
		56.250/2.2146	75.700/2.9803				IH

45 Engine	Year	Cyl	Bore x Stroke	45
4M40 2835cc Inline4 SOHC Belt 2v Diesel	01/1993 - On	L4	95.0mm x 100.0mm	
4M40 2835cc Inline4 SOHC Chain 2v Diesel	01/1993 - 12/1998	L4	95.0mm x 100.0mm	
4M40T 2835cc Inline4 SOHC Belt 2v Turbo Diesel	12/1993 - 05/2002	L4	95.0mm x 100.0mm	
4M40T 2835cc Inline4 SOHC Chain 2v Turbo Diesel	11/1996 - 07/2006	L4	95.0mm x mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1770P</b> STD, .25, .50, .75	<b>CONROD</b>	53.970/2.1248	58.000/2.2835	1.995/.0785	27.63/1.088	F780	1770
		54.000/2.1260	58.020/2.2842				UL
<b>5M1778P</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,4,5	67.961/2.6756	72.000/2.8346	2.000/.0787	22.13/.871	F780	1778
		67.978/2.6763	72.019/2.8354				UL
		3	67.961/2.6756	72.000/2.8346	1.990/.0783	22.13/.871	F780
<b>2T1778</b> STD	<b>THRUST</b>	76.250/3.0020	94.250/3.7106		2.45/.096	F817	1778T
		76.500/3.0118	94.500/3.7205				UL
<b>2B58558A</b> STD	<b>BALANCE</b> 1,2	46.000/1.8110		2.005/.0789	24.20/.953	F820	8558A
<b>4RB4293</b> UNB, STD	<b>PISTON PIN BUSH</b>	<i>Tapered Bush. Set of 4.</i>		1.495/.0589	37.00/1.457	F100	4RB4293
		29.980/1.1803	33.000/1.2992				
		30.000/1.1811	33.030/1.3004				



**45 Continued ... 45**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Tapered Bush.</i>							
<b>RB4293</b> UNB, STD		29.980/1.1803	33.000/1.2992	1.495/.0589	37.00/1.457	F100	RB4293
		30.000/1.1811	33.030/1.3004				

**46 Engine Year Cyl Bore x Stroke 46**

4D33A 3298cc Inline4 OHV 2v Diesel	10/1985 - 11/1997	L4	100.0mm x 105.0mm
4D35 4561cc Inline4 OHV 2v Diesel	01/1993 - On	L4	110.0mm x 120.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Oil hole in upper shell, plain lower.</i>							
<b>4B1234P</b> STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.13/1.304	F780	1234
		59.964/2.3608	64.018/2.5204				UL
<b>CONROD</b> <i>Oil slot in upper shell, plain lower shell.</i>							
<b>4B1535P</b> STD, .25, .50, .75, 1.00, 1.25		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1535
		59.964/2.3608	64.018/2.5204				U
		59.944/2.3600	63.998/2.5196	2.000/.0787	33.14/1.305	F780	1536
		59.964/2.3608	64.018/2.5204				L
<b>MAINS</b> <i>Slot opposite notch in the upper shell, plain lower.</i>							
<b>5M1198P</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	77.936/3.0683	82.000/3.2283	2.007/.0790	27.13/1.068	F780	1198
		77.950/3.0689	82.022/3.2292				UL
<b>THRUST</b> <i>103.50mm O.D.</i>							
<b>3T1199</b> STD		85.500/3.3661	103.250/4.0650		2.45/.096	F250	1199T
		85.750/3.3760	103.500/4.0748				IH

**47 Engine Year Cyl Bore x Stroke 47**

4G63 1997cc Inline4 SOHC 2v	01/1982 - 08/2003	L4	85.0mm x 88.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>23.5 mm wide.</i>							
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A
		45.000/1.7717	48.020/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1146H</b> STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H
		45.000/1.7717	48.020/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1146HX</b> STD		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX
		45.000/1.7717	48.020/1.8905				IH
<b>CONROD</b> <i>21mm wide.</i>							
<b>4B1185A</b> STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A
		44.996/1.7715	48.019/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1185H</b> STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H
		44.996/1.7715	48.019/1.8905				IH
<b>RACE SERIES</b>							
<b>4B1185HX</b> STD		44.981/1.7709	47.998/1.8897	1.475/.0581	21.10/.831	F781	1185HX
		44.996/1.7715	48.019/1.8905				IH
<b>MAINS</b> <i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A
		57.000/2.2441	61.020/2.4024				U
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A
		57.000/2.2441	61.020/2.4024				L
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F)
		57.000/2.2441	61.020/2.4024				IH
<b>RACE SERIES</b>							
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H
		57.000/2.2441	61.020/2.4024				L





47		Continued ...						47	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH		
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>							
<b>5M1144HX</b> STD	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH		
<b>MAINS</b>		<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>							
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH		
<b>MAINS</b>		<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>							
<b>5M1186A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH		
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1186H</b> STD, .025, .25	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH		
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1186HX</b> STD	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH		
<b>MAINS</b>		<i>Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</i>							
<b>5M1213A</b> .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH		
<b>MAINS</b>		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>							
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH		
<b>MAINS</b>		<i>For use in engines requiring separate thrust washers.</i>							
<b>5M1219A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		
	<b>RACE SERIES</b>		<i>Use with 1T1219 thrustwashers.</i>						
<b>5M1219H</b> STD, .025, .25	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL		
	<b>RACE SERIES</b>		<i>Use with 1T1219 thrustwashers.</i>						
<b>5M1219HX</b> STD	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL		
	<b>MAINS</b>		<i>Suits engines with one thrust flange only, used in the upper position.</i>						
<b>5M1228A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		

47 Continued ...							47
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1228A</b> STD, .25, .50, .75, 1.00	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A L
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) U
<b>MAINS</b>		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>					
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH
<b>THRUST</b>		<i>For use with 5M1219 set.</i>					
<b>1T1219</b> STD		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH
	<b>BALANCE</b>		<i>To be superseded by 3BS8389.</i>				
<b>3BS8387</b> STD	R/H FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/LH REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
<b>3BS8389</b> STD, .25, .50	<b>BALANCE</b>						
	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389

48 Engine	Year	Cyl	Bore x Stroke	48
4D55 2346cc Inline4 OHV 2v Diesel	10/1982 - 12/1988	L4	91.1mm x 90.0mm	
4D55 2346cc Inline4 OHV 2v Turbo Diesel	01/1983 - 12/1988	L4	91.1mm x 90.0mm	
4D56 2476cc Inline4 OHV 2v Diesel	04/1986 - On	L4	91.1mm x 95.0mm	
4D56-T 2476cc Inline4 SOHC 2v Turbo Diesel	12/1986 - 12/1993	L4	91.1mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1136A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>		52.973/2.0855 53.000/2.0866	56.007/2.2050 56.021/2.2055	1.493/.0588	25.13/.989	F810	1136A IH
	<b>MAINS</b>		<i>Set is half grooved, suits 66mm journals.</i>					
<b>5M1137A</b> STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL	
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1138A(F) IH	
<b>MAINS</b>		<i>Uses separate thrust washers.</i>						
<b>5M1227A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL	
	<b>MAINS</b>		<i>Set is half grooved, suits 60mm journals. Alternate set to 5M1137A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00mm=Std+0.34mm.</i>					
<b>5M1239A</b> STD, .25, .50, .75, 1.00	1,2,4,5	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	25.13/.989	F810	1137A UL	
	3	65.979/2.5976 66.000/2.5984	70.000/2.7559 70.021/2.7567	1.990/.0783	30.95/1.219	F810	1239A(F) IH	
<b>THRUST</b>								
<b>1T1227</b> STD		72.000/2.8346 72.250/2.8445	89.700/3.5315 89.750/3.5335		2.50/.098	F817	1227T IH	
	<b>BALANCE</b>							
<b>2BS8559A</b> STD	1,2	42.980/1.6921 43.000/1.6929	46.000/1.8110 46.050/1.8130	1.480/.0583	20.00/.787	F820	8559A	





48 Continued ...								48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>BALANCE</b>								
<b>3BS8288</b> STD, .25	1,2	43.009/1.6933 43.025/1.6939	46.030/1.8122 46.050/1.8130	1.478/.0582	20.25/.797	F820	8288	
	3	22.959/.9039 22.980/.9047	26.000/1.0236 26.021/1.0244	1.505/.0593	18.00/.709	F820	8289	
<b>PISTON PIN BUSH</b> Set of 4.								
<b>4RB4091</b> UNB		28.994/1.1415 29.000/1.1417	32.000/1.2598 32.020/1.2606	1.740/.0685	31.90/1.256	F100	4RB4091	
	<b>PISTON PIN BUSH</b>							
<b>RB4091</b> UNB		28.994/1.1415 29.000/1.1417	32.000/1.2598 32.020/1.2606	1.740/.0685	31.90/1.256	F100	RB4091	
49 Engine				Year	Cyl	Bore x Stroke	49	
4D68 1998cc Inline4 SOHC 2v Diesel				01/1992 - 12/2002	L4	82.7mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B8589A</b> STD, .25		44.980/1.7709 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.499/.0590	21.23/.836	F810	8589A UL	
	<b>MAINS</b>							
<b>5M8590A</b> STD, .25		56.980/2.2433	61.000/2.4016	2.003/.0789	20.63/.812	F810	8590A UL	
		57.000/2.2441	61.020/2.4024					
		56.980/2.2433	61.000/2.4016	2.003/.0789	25.45/1.002	F810	8591A(F) IH	
		57.000/2.2441	61.020/2.4024					
50 Engine				Year	Cyl	Bore x Stroke	50	
4DR5 2659cc Inline4 OHV 2v Diesel				07/1970 - 08/1991	L4	92.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> Has all plain shells.								
<b>4B1196P</b> STD, .25, .50, .75		57.945/2.2813 57.965/2.2821	62.000/2.4409 62.020/2.4417	1.999/.0787	32.38/1.275	F780	1196 IH	
	<b>MAINS</b>							
<b>5M1197P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	69.935/2.7533 69.955/2.7541	74.000/2.9134 74.019/2.9141	1.994/.0785	28.19/1.110	F780	1197 UL	
	<b>THRUST</b>							
<b>3T1197</b> STD	5		95.000/3.7402		2.45/.097	F250	1197T IH	
51 Engine				Year	Cyl	Bore x Stroke	51	
4G11 1244cc Inline4 SOHC 2v				12/1977 - 12/1982	L4	69.5mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> 17.6mm wide.								
<b>4B1736A</b> STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.493/.0588	17.63/.694	F810	1736A IH	
	<b>MAINS</b> Full groove version of 5M1124A.							
<b>5M1737A</b> STD, .25, .50, .75, 1.00	1,2,4,5	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	19.13/.753	F810	1737A IH	
	3	47.980/1.8890 48.000/1.8898	52.000/2.0472 52.020/2.0480	1.990/.0783	23.95/.943	F810	1738A(F) IH	
	<b>CONROD</b> 23.5 mm wide.							
			44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25								
52 Engine				Year	Cyl	Bore x Stroke	52	
4G63 1997cc Inline4 DOHC 4v				01/1989 - 12/1994	L4	85.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> 23.5 mm wide.								
		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.493/.0588	23.50/.925	F810	1146A IH	



52		Continued ...						52	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>4B1146H</b> STD, .025, .25	<b>CONROD</b>	44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.489/.0586	23.50/.925	F781	1146H IH		
<b>RACE SERIES</b> <b>4B1146HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.991/1.7713 45.000/1.7717	48.000/1.8898 48.020/1.8905	1.476/.0581	23.50/.925	F781	1146HX IH
<b>4B1185A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>21mm wide.</i>		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.490/.0587	21.10/.831	F810	1185A IH
<b>RACE SERIES</b> <b>4B1185H</b> STD, .025, .25	<b>CONROD</b>	44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.488/.0586	21.10/.831	F781	1185H IH		
<b>RACE SERIES</b> <b>4B1185HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/.0581	21.10/.831	F781	1185HX IH
<b>5M1144A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1148A(F) IH		
<b>RACE SERIES</b> <b>5M1144H</b> STD, .025, .25	<b>MAINS</b>	<i>Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1144H L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147H U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH		
<b>RACE SERIES</b> <b>5M1144HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L		
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U		
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH		
<b>5M1186A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>							
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH		
<b>RACE SERIES</b> <b>5M1186H</b> STD, .025, .25	<b>MAINS</b>	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH		
<b>RACE SERIES</b> <b>5M1186HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>							
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH		
<b>5M1213A</b> .25, .50, .75, 1.00	<b>MAINS</b>	<i>Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</i>							
	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL		
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH		





52 Continued ...								52
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
		<b>MAINS</b>						
		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A U	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A L	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
		57.000/2.2441	61.020/2.4024					
		<b>MAINS</b>						
		<i>Suits engines with one thrust flange only, used in the upper position.</i>						
<b>5M1228A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A UL	
		57.000/2.2441	61.021/2.4024					
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	25.40/1.000	F810	1187A(F) U	
		57.000/2.2441	61.021/2.4024					
	3	56.985/2.2435	61.000/2.4016	1.990/.0783	20.63/.812	F810	1186A L	
		57.000/2.2441	61.021/2.4024					
		<b>BALANCE</b>						
<b>3BS8389</b> STD, .25, .50	LH/REAR		44.025/1.7333	1.495/.0589	21.25/.837	F820	8388	
			44.025/1.7333					
	RH/FRONT		45.025/1.7726	1.505/.0593	19.25/.758	F820	8387	
			45.025/1.7726					
	RH/REAR	40.967/1.6129	44.025/1.7333	1.495/.0589	21.25/.837	F820	8389	
		40.967/1.6129	44.025/1.7333					

53 Engine		Year		Cyl	Bore x Stroke		53	
4G63-T 1997cc Inline4 DOHC 4v Turbo		05/1989 - 10/2007		L4	85.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
		<b>CONROD</b>						
		<i>23.5 mm wide.</i>						
<b>4B1146A</b> STD, .25, .50, .75, 1.00, 1.25		44.991/1.7713	48.000/1.8898	1.493/.0588	23.50/.925	F810	1146A IH	
		45.000/1.7717	48.020/1.8905					
<b>RACE SERIES</b>		<b>CONROD</b>						
<b>4B1146H</b> STD, .025, .25		44.991/1.7713	48.000/1.8898	1.489/.0586	23.50/.925	F781	1146H IH	
		45.000/1.7717	48.020/1.8905					
<b>RACE SERIES</b>		<b>CONROD</b>						
		<i>0.001" extra oil clearance on STD journal.</i>						
<b>4B1146HX</b> STD		44.991/1.7713	48.000/1.8898	1.476/.0581	23.50/.925	F781	1146HX IH	
		45.000/1.7717	48.020/1.8905					
		<b>CONROD</b>						
		<i>21mm wide.</i>						
<b>4B1185A</b> STD, .25, .50, .75, 1.00		44.981/1.7709	47.998/1.8897	1.490/.0587	21.10/.831	F810	1185A IH	
		44.996/1.7715	48.019/1.8905					
<b>RACE SERIES</b>		<b>CONROD</b>						
<b>4B1185H</b> STD, .025, .25		44.981/1.7709	47.998/1.8897	1.488/.0586	21.10/.831	F781	1185H IH	
		44.996/1.7715	48.019/1.8905					
<b>RACE SERIES</b>		<b>CONROD</b>						
		<i>0.001" extra oil clearance on STD journal.</i>						
<b>4B1185HX</b> STD		44.981/1.7709	47.998/1.8897	1.475/.0581	21.10/.831	F781	1185HX IH	
		44.996/1.7715	48.019/1.8905					
		<b>MAINS</b>						
		<i>Half groove bearing set. Standard width flanges for all undersizes. See 5M1217A for overwidth flange set.</i>						
<b>5M1144A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F810	1144A L	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147A U	
		57.000/2.2441	61.020/2.4024					
	3	56.980/2.2433	61.000/2.4016	1.990/.0783	28.95/1.140	F810	1148A(F) IH	
		57.000/2.2441	61.020/2.4024					
<b>RACE SERIES</b>		<b>MAINS</b>						
		<i>Standard width flanges for all undersizes.</i>						
<b>5M1144H</b> STD, .025, .25	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1147H U	
		57.000/2.2441	61.020/2.4024					
	1,2,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	23.00/.906	F780	1144H L	
		57.000/2.2441	61.020/2.4024					



53		Continued ...						53
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1144H</b> STD, .025, .25	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F780	1148H(F) IH	
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal. Standard width flanges for all undersizes.</i>						
<b>5M1144HX</b> STD	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1144HX L	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	23.00/.906	F780	1147HX U	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.977/.0778	28.95/1.140	F780	1148HX(F) IH	
<b>MAINS</b>		<i>Full groove, identical half bearing set. This set has standard width flanges for all undersizes. See 5M1238A for oversize flange version.</i>						
<b>5M1147A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1154A(F) IH	
<b>MAINS</b>		<i>Plain mains are 21mm wide, flanges are 25.4mm wide. Standard width flanges for all undersizes.</i>						
<b>5M1186A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) IH	
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1186H</b> STD, .025, .25	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F780	1187H(F) IH	
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1186HX</b> STD	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.977/.0778	25.40/1.000	F780	1187HX(F) IH	
<b>MAINS</b>		<i>Alternative to 5M1186A with oversize flanges. Overwidth flanges for undersizes: 0.25/0.50/0.75/1.00mm=Std+0.254mm.</i>						
<b>5M1213A</b> .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	2.115/.0833	25.65/1.010	F810	1213A(F) IH	
<b>MAINS</b>		<i>Alternate set to 5M1144A. Overwidth flanges for undersizes: Std=Std, 0.25=Std+0.10mm, .50=Std+0.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>						
<b>5M1217A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F780	1147A U	
	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1144A L	
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1217A(F) IH	
<b>MAINS</b>		<i>For use in engines requiring separate thrust washers.</i>						
<b>5M1219A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
<b>RACE SERIES</b>		<i>Use with 1T1219 thrustwashers.</i>						
<b>5M1219H</b> STD, .025, .25	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL	
<b>RACE SERIES</b>		<i>Use with 1T1219 thrustwashers.</i>						
<b>5M1219HX</b> STD	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL	
<b>MAINS</b>		<i>Suits engines with one thrust flange only, used in the upper position.</i>						
<b>5M1228A</b> STD, .25, .50, .75, 1.00	1,2,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL	
	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A L	



53 Continued ...							53
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1228A</b> STD, .25, .50, .75, 1.00	3	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	25.40/1.000	F810	1187A(F) U
<b>MAINS</b>		<i>Full groove, identical half bearing set. Alternate set to 5M1147A. Set contains overwidth flanges for undersizes: Std=std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm, 1.00/1.25/1.50mm=Std+0.34mm.</i>					
<b>5M1238A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	23.00/.906	F810	1147A IH
	3	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	28.95/1.140	F810	1238A(F) IH
<b>THRUST</b>		<i>For use with 5M1219 set.</i>					
<b>1T1219</b> STD		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH
<b>BALANCE</b>							
<b>3BS8389</b> STD, .25, .50	LH/REAR		44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8388
	RH/FRONT		45.025/1.7726 45.025/1.7726	1.505/.0593	19.25/.758	F820	8387
	RH/REAR	40.967/1.6129 40.967/1.6129	44.025/1.7333 44.025/1.7333	1.495/.0589	21.25/.837	F820	8389

54 Engine				Year	Cyl	Bore x Stroke	54
4G69 2378cc Inline4 SOHC 4v				05/2004 - On	L4	87.0mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>21mm wide.</i>					
<b>4B1185A</b> STD, .25, .50, .75, 1.00		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.490/.0587	21.10/.831	F810	1185A IH
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>4B1185H</b> STD, .025, .25		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.488/.0586	21.10/.831	F781	1185H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B1185HX</b> STD		44.981/1.7709 44.996/1.7715	47.998/1.8897 48.019/1.8905	1.475/.0581	21.10/.831	F781	1185HX IH
<b>MAINS</b>		<i>For use in engines requiring separate thrust washers.</i>					
<b>5M1219A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F810	1186A UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Use with 1T1219 thrustwashers.</i>					
<b>5M1219H</b> STD, .025, .25	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186H UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Use with 1T1219 thrustwashers.</i>					
<b>5M1219HX</b> STD	1,2,3,4,5	56.985/2.2435 57.000/2.2441	61.000/2.4016 61.021/2.4024	1.990/.0783	20.63/.812	F780	1186HX UL
<b>THRUST</b>		<i>For use with 5M1219 set.</i>					
<b>1T1219</b> STD		63.100/2.4842 63.350/2.4941	80.500/3.1693 80.750/3.1791		2.11/.083	F250	1219T IH



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
MA09 930cc Inline4 SOHC 2v	01/1988 - 12/1992	L4	930	56	5
MA10 987cc Inline4 SOHC 2v	09/1981 - 02/1991	L4	987	60	5
MA10ET 987cc Inline4 SOHC 2v Turbo	01/1985 - 12/1991	L4	987	60	5
MA10S 987cc Inline4 SOHC 2v	01/1982 - On	L4	987	60	5
A10 988cc Inline4 OHV 2v	01/1966 - 12/1981	L4	988	60	63
E10 988cc Inline4 SOHC 2v	03/1981 - 02/1991	L4	988	60	6
CG10DE 998cc Inline4 DOHC 4v	08/1992 - 10/2002	L4	998	60	37
D11 1138cc Inline4 OHV 2v	01/1966 - 12/1978	L4	1138	69	38
A12 1171cc Inline4 OHV 2v	01/1970 - 12/1986	L4	1171	71	64
D12 1189cc Inline4 OHV 2v	10/1968 - 08/1970	L4	1189	72	38
E1 1189cc Inline4 OHV 2v	01/1960 - 12/1965	L4	1189	72	68
A12A 1237cc Inline4 OHV 2v	01/1980 - 12/1984	L4	1237	75	64
E13 1270cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	1270	77	6
CG13DE 1275cc Inline4 DOHC 4v	08/1992 - 07/2000	L4	1275	77	37
A13 1288cc Inline4 OHV 2v	01/1974 - 12/1981	L4	1288	78	64
GA13DE 1295cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	1295	79	3
GA13DS 1295cc Inline4 DOHC 4v	01/1990 - 12/1999	L4	1295	79	3
GA13S 1295cc Inline4 SOHC 3v	01/1990 - 12/1999	L4	1295	79	3
QG13DE 1295cc Inline4 DOHC 4v	01/1998 - On	L4	1295	79	3
L13 1296cc Inline4 SOHC 2v	01/1967 - 12/1977	L4	1296	79	25
J 1299cc Inline4 OHV 2v	01/1965 - 12/1970	L4	1299	79	74
J13 1299cc Inline4 OHV 2v	01/1960 - 12/1975	L4	1299	79	75
CGA3DE 1348cc Inline4 DOHC 4v	07/2000 - 10/2002	L4	1348	82	37
GA14DE 1392cc Inline4 DOHC 4v	01/1992 - 12/2001	L4	1392	84	3
GA14DS 1392cc Inline4 DOHC 4v	05/1990 - 05/1995	L4	1392	84	3
GA14S 1392cc Inline4 SOHC 3v	10/1988 - 12/1991	L4	1392	84	3
A14 1397cc Inline4 OHV 2v	09/1974 - 12/1984	L4	1397	85	64
L14 1428cc Inline4 SOHC 2v	09/1970 - 12/1985	L4	1428	87	25
K9K 1461cc Inline4 SOHC 2v Turbo Diesel	01/2003 - On	L4	1461	89	32
J15 1483cc Inline4 OHV 2v	01/1969 - 01/1982	L4	1483	90	75
E15 1487cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	1487	90	6
A15 1488cc Inline4 OHV 2v	01/1979 - 12/1986	L4	1488	90	64
E15ET 1488cc Inline4 SOHC 2v Turbo	01/1981 - 07/1987	L4	1488	90	6
GA15DE 1497cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	1497	91	3
GA15DS 1497cc Inline4 DOHC 4v	08/1987 - On	L4	1497	91	3
GA15E 1497cc Inline4 SOHC 3v	01/1988 - 12/1999	L4	1497	91	3
GA15S 1497cc Inline4 SOHC 3v	01/1987 - 12/1999	L4	1497	91	3
QG15DE 1497cc Inline4 DOHC 4v	01/2000 - 12/2006	L4	1497	91	3
HR15DE 1498cc Inline4 DOHC 4v	09/2004 - On	L4	1498	91	41
J16 1567cc Inline4 OHV 2v	08/1972 - 12/1985	L4	1567	95	75
L16 1595cc Inline4 SOHC 2v	01/1967 - 12/1985	L4	1595	97	25
R16 1595cc Inline4 OHV 2v	01/1965 - 01/1972	L4	1595	97	81
Z16 1595cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	1595	97	25
GA16DS 1596cc Inline4 DOHC 4v	01/1990 - 12/1997	L4	1596	97	3
E16 1597cc Inline4 SOHC 2v	03/1986 - 07/1987	L4	1597	97	6
GA16DE 1597cc Inline4 DOHC 4v	01/1990 - 07/2000	L4	1597	97	3
GA16i 1597cc Inline4 SOHC 3v	08/1987 - 06/1990	L4	1597	97	3
GA16S 1597cc Inline4 SOHC 3v	01/1986 - 12/1995	L4	1597	97	3
QG16DE 1597cc Inline4 DOHC 4v	07/2000 - 03/2003	L4	1597	97	3
CA16 1598cc Inline4 SOHC 8v	01/1979 - 12/1990	L4	1598	97	16
CA16DE 1598cc Inline4 DOHC 4v	01/1979 - 01/1992	L4	1598	97	49
H4M 1598cc Inline4 DOHC 4v	04/2009 - On	L4	1598	97	41
HR16DE 1598cc Inline4 DOHC 4v	07/2005 - On	L4	1598	97	41
MR16DDT 1618cc Inline4 DOHC 4v Turbo	01/2011 - On	L4	1618	98	31
NA16S 1627cc Inline4 SOHC 2v	01/1989 - 12/1995	L4	1627	99	87
CD17 1680cc Inline4 SOHC 2v Diesel	01/1982 - 05/1988	L4	1680	102	65
QG18DE 1769cc Inline4 DOHC 4v	07/2000 - 12/2006	L4	1769	107	3
L18 1770cc Inline4 SOHC 2v	11/1968 - 12/1985	L4	1770	108	25





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
Z18 1770cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	1770	108	25
Z18E 1770cc Inline4 SOHC 2v	01/1980 - 12/1988	L4	1770	108	25
MR18DE 1798cc Inline4 DOHC 4v	01/2004 - On	L4	1798	109	29
J18 1800cc Inline4 OHV 2v	01/1980 - On	L4	1800	109	76
CA18 1809cc Inline4 SOHC 8v	01/1979 - 11/1989	L4	1809	110	16
CA18DE 1809cc Inline4 DOHC 4v	01/1988 - 12/1991	L4	1809	110	49
CA18DET 1809cc Inline4 DOHC 4v Turbo	01/1988 - 12/1991	L4	1809	110	49
CA18ET 1809cc Inline4 SOHC 2v Turbo	01/1983 - 12/1985	L4	1809	110	16
CA18P 1809cc Inline4 SOHC 8v	01/1985 - On	L4	1809	110	36
SR18DE 1838cc Inline4 DOHC 4v	01/1989 - 12/1999	L4	1838	112	34
SR18Di 1838cc Inline4 DOHC 4v	01/1990 - 12/1993	L4	1838	112	34
L20B 1952cc Inline4 SOHC 2v	01/1974 - 02/1986	L4	1952	119	26
LD20 1952cc Inline4 SOHC 2v Diesel	04/1978 - On	L4	1952	119	85
LD20-T 1952cc Inline4 SOHC 2v Turbo Diesel	01/1980 - 12/1992	L4	1952	119	26
Z20 1952cc Inline4 SOHC 2v	01/1981 - 02/1997	L4	1952	119	26
Z20E 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	1952	119	26
Z20S 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	1952	119	26
CD20 1973cc Inline4 SOHC 2v Diesel	01/1990 - 12/2001	L4	1973	120	66
CD20-T 1973cc Inline4 SOHC 2v Turbo Diesel	01/1991 - 12/2002	L4	1973	120	67
CA20E 1974cc Inline4 SOHC 2v	01/1984 - 12/1992	L4	1974	120	16
CA20P 1974cc Inline4 SOHC 2v	01/1985 - On	L4	1974	120	36
CA20S 1974cc Inline4 SOHC 2v	01/1982 - 12/1986	L4	1974	120	16
H20 1982cc Inline4 OHV 2v	01/1966 - 12/1982	L4	1982	120	78
H20-II 1982cc Inline4 OHV 2v	01/1966 - On	L4	1982	120	73
U20 1982cc Inline4 SOHC 2v	01/1967 - 09/1970	L4	1982	120	60
FJ20E 1990cc Inline4 DOHC 4v	01/1982 - 12/1988	L4	1990	121	47
FJ20-ET 1990cc Inline4 DOHC 4v Turbo	01/1982 - 12/1984	L4	1990	121	47
SD20 1991cc Inline4 SOHC 2v Diesel	01/1963 - 06/1983	L4	1991	121	52
VQ20DE 1995cc V6 DOHC 4v	01/1997 - 12/2000	V6	1995	121	24
MR20DE 1997cc Inline4 DOHC 4v	01/2006 - On	L4	1997	121	29
L20 1998cc Inline6 SOHC 2v	01/1967 - 12/1987	L6	1998	121	71
L20A 1998cc Inline6 SOHC 2v	01/1981 - 12/1987	L6	1998	121	70
L20E 1998cc Inline6 SOHC 2v	11/1980 - 05/1987	L6	1998	121	70
L20S 1998cc Inline6 SOHC 2v	11/1980 - 05/1987	L6	1998	121	70
NA20P 1998cc Inline4 SOHC 2v	01/1990 - On	L4	1998	121	7
NA20S 1998cc Inline4 SOHC 2v	01/1989 - 12/1999	L4	1998	121	7
QR20DE 1998cc Inline4 DOHC 4v	10/2001 - On	L4	1998	121	14
RB20DE 1998cc Inline6 DOHC 4v	01/1985 - 12/1995	L6	1998	121	48
RB20DET 1998cc Inline6 DOHC 4v Turbo	01/1984 - 12/1993	L6	1998	121	48
RB20E 1998cc Inline6 SOHC 2v	10/1984 - On	L6	1998	121	80
RB20S 1998cc Inline6 SOHC 2v	01/1981 - 12/1986	L6	1998	121	80
SR20DE 1998cc Inline4 DOHC 4v	01/1990 - 01/2001	L4	1998	121	34
SR20DET (GTiR) 1998cc Inline4 DOHC 4v Turbo	01/1990 - 12/1994	L4	1998	121	18
SR20DET 1998cc Inline4 DOHC 4v Turbo	10/1990 - 12/2002	L4	1998	121	34
SR20Di 1998cc Inline4 DOHC 4v	01/1991 - 07/1994	L4	1998	121	34
SR20VE 1998cc Inline4 DOHC 4v	01/1997 - 12/2003	L4	1998	121	34
VG20DET 1998cc V6 DOHC 4v Turbo	01/1987 - 12/1992	V6	1998	121	21
VG20E 1998cc V6 SOHC 2v	06/1983 - 12/1997	V6	1998	121	20
VG20ET 1998cc V6 SOHC 2v Turbo	01/1984 - 12/1988	V6	1998	121	20
K21 2065cc Forklift OHV 2v	01/2007 - On	L4	2065	126	2
SD22 2164cc Inline4 OHV 2v Diesel	01/1962 - 01/1997	L4	2164	132	53
YD22DD 2184cc Inline4 DOHC 4v Diesel	01/2000 - 12/2002	L4	2184	133	1
YD22DDTi 2184cc Inline4 DOHC 4v Turbo Diesel	01/2002 - On	L4	2184	133	1
Z22E 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	2187	133	26
Z22S 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	2187	133	26
L23 2262cc Inline6 SOHC 2v	01/1967 - 12/1970	L6	2262	138	71
LD23 2283cc Inline4 SOHC 2v Diesel	01/1983 - On	L4	2283	139	39
SD23 2289cc Inline4 OHV 2v Diesel	08/1980 - 08/1988	L4	2289	139	54



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
TD23 2289cc Inline4 OHV 2v Diesel	01/1982 - 12/1986	L4	2289	139	51
KA24DE 2389cc Inline4 DOHC 4v	10/1993 - 12/2005	L4	2389	145	77
KA24E 2389cc Inline4 SOHC 3v	01/1989 - 12/2001	L4	2389	145	77
Z24 2389cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	2389	145	26
Z24i 2389cc Inline4 SOHC 2v	04/1985 - 12/1989	L4	2389	145	26
L24 2393cc Inline6 SOHC 2v	01/1967 - 12/1986	L6	2393	146	71
L24E 2393cc Inline6 SOHC 2v	01/1977 - 06/1986	L6	2393	146	71
K25 2488cc Forklift OHV 2v	01/2007 - On	L4	2488	151	2
QR25DE 2488cc Inline4 DOHC 4v	10/2001 - On	L4	2488	151	14
SD25 2488cc Inline4 OHV 2v Diesel	08/1980 - 01/1997	L4	2488	151	54
YD25DDTi 2488cc Inline4 DOHC 4v Turbo Diesel	01/1998 - On	L4	2488	151	1
TD25 2494cc Inline4 OHV 2v Diesel	01/1987 - On	L4	2494	152	57
VQ25DE 2495cc V6 DOHC 4v	01/2000 - On	V6	2495	152	24
VQ25DET 2495cc V6 DOHC 4v Turbo	01/2001 - 12/2004	V6	2495	152	24
RB25DE 2498cc Inline6 DOHC 4v	01/1993 - 05/1998	L6	2498	152	15
RB25DE NEO 2498cc Inline6 DOHC 4v	05/1998 - On	L6	2498	152	15
RB25DET 2498cc Inline6 DOHC 4v Turbo	01/1994 - 05/1998	L6	2498	152	15
RB25DET NEO 2498cc Inline6 DOHC 4v Turbo	05/1998 - On	L6	2498	152	15
L26 2565cc Inline6 SOHC 2v	01/1966 - 12/1980	L6	2565	156	71
RB26DETT 2568cc Inline6 DOHC 4v Turbo	06/1991 - On	L6	2568	156	83
TD27 2663cc Inline4 OHV 2v Diesel	05/1982 - 12/2001	L4	2663	162	58
TD27T 2663cc Inline4 SOHC 2v Turbo Diesel	10/1988 - On	L4	2663	162	58
L28 2753cc Inline6 SOHC 2v	01/1969 - 02/1988	L6	2753	167	71
L28E 2753cc Inline6 SOHC 2v	01/1975 - 01/1984	L6	2753	167	71
L28S 2753cc Inline6 SOHC 2v	12/1979 - 03/1983	L6	2753	167	71
LD28 2792cc Inline6 SOHC 2v Diesel	10/1979 - 10/1986	L6	2792	170	79
RD28 2826cc Inline6 SOHC 2v/3v Diesel	06/1983 - 12/1999	L6	2825	172	17
RD28T 2826cc Inline6 SOHC 2v Turbo Diesel	01/1994 - 04/2000	L6	2825	172	86
RD28E 2826cc Inline6 SOHC 3v Diesel	01/1999 - On	L6	2826	172	17
ZD30DD 2953cc Inline4 4v Diesel	04/2000 - On	L4	2953	180	27
ZD30DDT 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	2953	180	27
ZD30DDTi 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	2953	180	27
ED30 2956cc Inline4 SOHC 2v Diesel	01/1973 - 12/1979	L4	2956	180	69
VE30DE 2960cc V6 DOHC 4v	07/1991 - 02/1994	V6	2960	180	61
VG30DE 2960cc V6 DOHC 4v	01/1989 - 12/1997	V6	2960	180	22
VG30DET 2960cc V6 DOHC 4v Turbo	01/1988 - 12/1994	V6	2960	180	22
VG30DETT 2960cc V6 DOHC 4v Twin Turbo	01/1990 - 12/1995	V6	2960	180	22
VG30E 2960cc V6 SOHC 2v	01/1984 - On	V6	2960	180	23
VG30ET 2960cc V6 SOHC 2v Turbo	01/1984 - 12/1989	V6	2960	180	23
VG30i 2960cc V6 SOHC 2v	01/1986 - 12/1989	V6	2960	180	23
RB30E 2962cc Inline6 SOHC 2v	03/1986 - 08/1988	L6	2962	180	88
RB30ET 2962cc Inline6 SOHC 2v Turbo	03/1986 - 07/1989	L6	2962	180	88
RB30S 2962cc Inline6 SOHC 2v	02/1988 - 12/1997	L6	2962	180	88
H30 2974cc Inline6 SOHC 2v	01/1966 - On	L6	2974	181	72
VQ30DE 2988cc V6 DOHC 4v	01/1995 - On	V6	2988	182	24
VQ30DET 2988cc V6 DOHC 4v Turbo	01/1995 - On	V6	2988	182	24
QD32 3153cc Inline4 OHV 2v Diesel	01/1986 - 12/2001	L4	3153	192	12
QD32-T 3153cc Inline4 OHV 2v Turbo Diesel	01/1996 - 12/2001	L4	3153	192	12
SD33 3246cc Inline6 OHV 2v Diesel	01/1966 - 12/1988	L6	3246	198	55
SD33T 3246cc Inline6 OHV 2v Turbo Diesel	08/1983 - 12/1988	L6	3246	198	56
VG33E 3275cc V6 SOHC 2v	01/1996 - On	V6	3275	199	50
ED33 3298cc Inline4 SOHC 2v Diesel	01/1980 - 01/1997	L4	3298	201	13
ED33-T 3298cc Inline4 SOHC 2v Turbo Diesel	06/1980 - 11/1986	L4	3298	201	13
FD33 3298cc Inline4 SOHC 2v Diesel	01/1983 - 12/1993	L4	3298	201	13
FD33-T 3298cc Inline4 SOHC 2v Turbo Diesel	01/1983 - 12/1988	L4	3298	201	13
ED35 3465cc Inline4 SOHC 2v Diesel	01/1990 - On	L4	3465	211	30
FD35 3465cc Inline4 SOHC 2v Diesel	11/1986 - 12/1991	L4	3465	211	13
FD35-T 3465cc Inline4 SOHC 2v Turbo Diesel	11/1986 - 12/1991	L4	3465	211	13





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
VQ35DE 3498cc V6 DOHC 4v	02/2003 - On	V6	3498	213	44
VQ35HR 3498cc V6 DOHC 4v	08/2006 - On	V6	3498	213	28
VQ37VHR 3696cc V6 DOHC 4v	01/2008 - On	V6	3696	225	28
VR38DETT 3799cc V6 DOHC 4v Twin Turbo	01/2007 - On	V6	3799	231	33
VQ40DE 3954cc V6 DOHC 4v	01/2005 - On	V6	3954	241	42
P 3956cc Inline6 SOHC 2v	01/1960 - 01/1980	L6	3956	241	82
P40 3956cc Inline6 SOHC 2v	01/1980 - 01/1988	L6	3956	241	84
VH41 4130cc V8 DOHC 4v	01/1991 - 12/2001	V8	4130	252	40
TB42E 4169cc Inline6 OHV 2v	01/1992 - 12/1997	L6	4169	254	62
TB42S 4169cc Inline6 OHV 2v	01/1987 - 12/1997	L6	4169	254	62
TD42 4169cc Inline6 OHV 2v Diesel	10/1987 - On	L6	4169	254	59
TD42T 4169cc Inline6 OHV 2v Turbo Diesel	01/1996 - On	L6	4169	254	45
FD42 4214cc Inline4 Diesel	01/1991 - On	L4	4214	257	4
TB45E 4479cc Inline6 SOHC 2v	12/1997 - 10/2001	L6	4479	273	19
TB45S 4479cc Inline6 SOHC 2v	12/1997 - 04/2000	L6	4479	273	19
VH45 4494cc V8 DOHC 4v	01/1989 - 12/2002	V8	4494	274	40
VK45DD 4494cc V8 DOHC 4v	01/2001 - 12/2010	V8	4494	274	35
VK45DE 4494cc V8 DOHC 4v	01/2002 - On	V8	4494	274	35
FD46 4617cc Inline4 Diesel	01/1991 - On	L4	4617	281	4
FD46-T 4617cc Inline4 Turbo Diesel	01/1991 - On	L4	4617	281	4
FD46-TA 4617cc Inline4 Turbo Diesel	01/1991 - On	L4	4617	281	4
TB48DE 4759cc Inline6 DOHC 4v	10/2001 - On	L6	4759	290	43
VK50VE 5026cc V8 DOHC 4v	01/2009 - On	V8	5026	306	35
VK56DE 5552cc V8 DOHC 4v	01/2004 - On	V8	5552	338	35
VK56VD 5552cc V8 DOHC 4v	01/2010 - On	V8	5552	338	35
ED6 5654cc Inline6 2v Diesel	01/1973 - 04/1983	L6	5654	345	46
FD6 5654cc Inline6 2v Diesel	01/1973 - 12/1990	L6	5654	345	46
FD6-T 5654cc Inline6 2v Turbo Diesel	01/1973 - 12/1989	L6	5654	345	46
ND6 6842cc Inline6 SOHC 2v Diesel	01/1969 - 12/1980	L6	6842	417	8
ND6-T 6842cc Inline6 SOHC 2v Turbo Diesel	10/1971 - 04/1986	L6	6842	417	8
NE6-T 6842cc Inline6 SOHC 2v Turbo Diesel	01/1986 - On	L6	6842	417	8
NE6 7412cc Inline6 SOHC 2v Diesel	01/1986 - On	L6	7412	452	8
PD6 10308cc Inline6 SOHC 2v Diesel	01/1969 - 12/1982	L6	10308	629	10
PD6-T 10308cc Inline6 SOHC 2v Turbo Diesel	01/1969 - 12/1982	L6	10308	629	10
PE6 11670cc Inline6 SOHC 2v Diesel	01/1970 - 12/1982	L6	11670	712	10
PE6H 11670cc Inline6 SOHC 2v Diesel	01/1973 - On	L6	11670	712	10
PE6H-T 11670cc Inline6 SOHC 2v Turbo Diesel	07/1984 - On	L6	11670	712	11
PE6-T 11670cc Inline6 SOHC 2v Turbo Diesel	10/1974 - On	L6	11670	712	9
PP6H 11670cc Inline6 SOHC 2v Diesel	01/1980 - 08/1988	L6	11670	712	9

1	Engine	Year	Cyl	Bore x Stroke	1
	YD22DD 2184cc Inline4 DOHC 4v Diesel	01/2000 - 12/2002	L4	86.0mm x 94.0mm	
	YD22DDTi 2184cc Inline4 DOHC 4v Turbo Diesel	01/2002 - On	L4	86.0mm x 94.0mm	
	YD25DDTi 2488cc Inline4 DOHC 4v Turbo Diesel	01/1998 - On	L4	89.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2626A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	51.954/2.0454 51.974/2.0462	55.000/2.1654 55.013/2.1659	1.503/.0592	23.10/.909	F810	2626A IH
<b>5M2627A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	62.951/2.4784 62.975/2.4793	66.654/2.6242 66.681/2.6252	1.831/.0721	20.00/.787	F810	2627A UL
<b>1T2627</b> STD, .125, .25	<b>THRUST</b> 3	69.500/2.7362 69.750/2.7461	88.250/3.4744 88.500/3.4842		1.95/.077	F817	2627T IH
<b>4RB4277</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set contains 4 pieces.</i>		1.500/.0591	26.60/1.047	F100	4RB4277
<b>RB4277</b> UNB	<b>PISTON PIN BUSH</b>		30.980/1.2197 31.000/1.2205	1.500/.0591	26.60/1.047	F100	RB4277

2	Engine	Year	Cyl	Bore x Stroke	2
	K21 2065cc Forklift OHV 2v	01/2007 - On	L4	89.0mm x 83.0mm	
	K25 2488cc Forklift OHV 2v	01/2007 - On	L4	89.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1630A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F810	1630A IH
<b>4B1630P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F780	1630 IH
<b>5M1724A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5			1.835/.0722	19.00/.748	F810	1724A IH
	3		66.645/2.6238	1.835/.0722	34.00/1.339	F810	1725A(F) IH



3	Engine	Year	Cyl	Bore x Stroke	3
	GA13DE 1295cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	71.0mm x 81.8mm	
	GA13DS 1295cc Inline4 DOHC 4v	01/1990 - 12/1999	L4	71.0mm x 81.8mm	
	GA13S 1295cc Inline4 SOHC 3v	01/1990 - 12/1999	L4	71.0mm x 81.8mm	
	GA14DE 1392cc Inline4 DOHC 4v	01/1992 - 12/2001	L4	73.6mm x 81.8mm	
	GA14DS 1392cc Inline4 DOHC 4v	05/1990 - 05/1995	L4	73.6mm x 81.8mm	
	GA14S 1392cc Inline4 SOHC 3v	10/1988 - 12/1991	L4	73.6mm x 81.8mm	
	GA15DE 1497cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	73.6mm x 88.0mm	
	GA15DS 1497cc Inline4 DOHC 4v	08/1987 - On	L4	73.6mm x 88.0mm	
	GA15E 1497cc Inline4 SOHC 3v	01/1988 - 12/1999	L4	73.6mm x 88.0mm	
	GA15S 1497cc Inline4 SOHC 3v	01/1987 - 12/1999	L4	73.6mm x 88.0mm	
	GA16DE 1597cc Inline4 DOHC 4v	01/1990 - 07/2000	L4	76.0mm x 88.0mm	
	GA16DS 1596cc Inline4 DOHC 4v	01/1990 - 12/1997	L4	76.0mm x 88.0mm	
	GA16i 1597cc Inline4 SOHC 3v	08/1987 - 06/1990	L4	76.0mm x 88.0mm	
	GA16S 1597cc Inline4 SOHC 3v	01/1986 - 12/1995	L4	76.0mm x 88.0mm	
	QG13DE 1295cc Inline4 DOHC 4v	01/1998 - On	L4	71.0mm x 81.0mm	
	QG15DE 1497cc Inline4 DOHC 4v	01/2000 - 12/2006	L4	73.6mm x 88.0mm	
	QG16DE 1597cc Inline4 DOHC 4v	07/2000 - 03/2003	L4	76.0mm x 88.0mm	
	QG18DE 1769cc Inline4 DOHC 4v	07/2000 - 12/2006	L4	80.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2950A</b> STD, .25, .50, .75, 1.00		39.956/1.5731	43.000/1.6929	1.505/.0593	17.10/.673	F810	2950A IH
		39.974/1.5738	43.013/1.6934				
<b>MAINS</b> <i>Supercedes 5M2952.</i>							
<b>5M2949A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.940/1.9661	53.644/2.1120	1.835/.0722	16.10/.634	F810	2949A UL
		49.964/1.9671	53.668/2.1129				
<b>THRUST</b>							
<b>1T2952</b> STD		56.000/2.2047	70.750/2.7854		1.97/.078	F817	2952T U
		56.250/2.2146	71.000/2.7953				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4107</b> UNB, STD				1.640/.0646	21.80/.858	F100	4RB4107
<b>PISTON PIN BUSH</b>							
<b>RB4107</b> UNB, STD				1.640/.0646	21.80/.858	F100	RB4107

4	Engine	Year	Cyl	Bore x Stroke	4
	FD42 4214cc Inline4 Diesel	01/1991 - On	L4		
	FD46 4617cc Inline4 Diesel	01/1991 - On	L4		
	FD46-T 4617cc Inline4 Turbo Diesel	01/1991 - On	L4		
	FD46-TA 4617cc Inline4 Turbo Diesel	01/1991 - On	L4		

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2914P</b> STD, .25, .50, .75, 1.00		64.930/2.5563	68.980/2.7157	1.995/.0785	32.00/1.260	F780	2913
		64.945/2.5569	69.000/2.7165				
		64.930/2.5563	68.980/2.7157	1.995/.0785	32.00/1.260	F780	2914
		64.945/2.5569	69.000/2.7165				
<b>MAINS</b>							
<b>5M2915P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	77.930/3.0681	82.980/3.2669	2.500/.0984	27.00/1.063	F780	2915 UL
		77.940/3.0685	83.000/3.2677				
<b>THRUST</b>							
<b>2T2915</b> STD		89.000/3.5039	103.150/4.0610		2.98/.117	F250	2915T UL
		89.250/3.5138	103.400/4.0709				



5	Engine	Year	Cyl	Bore x Stroke	5
	MA09 930cc Inline4 SOHC 2v	01/1988 - 12/1992	L4	66.0mm x 68.0mm	
	MA10 987cc Inline4 SOHC 2v	09/1981 - 02/1991	L4	68.0mm x 68.0mm	
	MA10ET 987cc Inline4 SOHC 2v Turbo	01/1985 - 12/1991	L4	68.0mm x 68.0mm	
	MA10S 987cc Inline4 SOHC 2v	01/1982 - On	L4	68.0mm x 68.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2770A</b> STD, .25, .50	<b>CONROD</b>	39.961/1.5733	43.000/1.6929	1.500/.0591	15.13/.596	F810	2770A IH
		39.974/1.5738	43.013/1.6934				
<b>5M2769A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	44.958/1.7700	49.000/1.9291	2.004/.0789	17.10/.673	F810	2769A UL
		44.971/1.7705	49.016/1.9298				
<b>1T2769</b> STD	<b>THRUST</b>	51.250/2.0177	59.750/2.3524		1.97/.078	F817	2769T IH
		51.500/2.0276	60.000/2.3622				

6	Engine	Year	Cyl	Bore x Stroke	6
	E10 988cc Inline4 SOHC 2v	03/1981 - 02/1991	L4	73.0mm x 59.0mm	
	E13 1270cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	76.0mm x 70.0mm	
	E15 1487cc Inline4 SOHC 2v	01/1981 - 02/1991	L4	76.0mm x 82.0mm	
	E15ET 1488cc Inline4 SOHC 2v Turbo	01/1981 - 07/1987	L4	76.0mm x 82.0mm	
	E16 1597cc Inline4 SOHC 2v	03/1986 - 07/1987	L4	76.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1620A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	39.954/1.5730	43.000/1.6929	1.503/.0592	17.10/.673	F810	1620A IH	
		39.974/1.5738	43.013/1.6934					
<b>5M1623A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	1,5	49.938/1.9661	53.643/2.1119	1.827/.0719	22.10/.870	F810	1623A IH
			49.964/1.9671	53.667/2.1129				
		2,4	49.938/1.9661	53.643/2.1119	1.827/.0719	18.10/.713	F810	1625A IH
			49.964/1.9671	53.667/2.1129				
		3	49.938/1.9661	53.643/2.1119	1.827/.0719	26.95/1.061	F810	1624A(F) IH
49.964/1.9671	53.667/2.1129							
<b>2BS8273</b> STD	<b>BALANCE</b>	1		1.490/.0587	21.50/.846	F23	8273	
		2		1.490/.0587	16.00/.630	F23	8274	

7	Engine	Year	Cyl	Bore x Stroke	7
	NA20P 1998cc Inline4 SOHC 2v	01/1990 - On	L4		
	NA20S 1998cc Inline4 SOHC 2v	01/1989 - 12/1999	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1435A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		53.000/2.0866	1.502/.0591	22.00/.866	F810	1435A IH
			53.020/2.0874				
<b>5M1438A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	54.942/2.1631	58.645/2.3089	1.835/.0722	19.10/.752	F810	1437A UL
		54.955/2.1636	58.658/2.3094				
		54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810	1438A UL
		54.975/2.1644	58.658/2.3094				





8 Engine		Year	Cyl	Bore x Stroke	8		
ND6 6842cc Inline6 SOHC 2v Diesel		01/1969 - 12/1980	L6	110.0mm x 120.0mm			
ND6-T 6842cc Inline6 SOHC 2v Turbo Diesel		10/1971 - 04/1986	L6	100.0mm x 120.0mm			
NE6 7412cc Inline6 SOHC 2v Diesel		01/1986 - On	L6	110.0mm x 130.0mm			
NE6-T 6842cc Inline6 SOHC 2v Turbo Diesel		01/1986 - On	L6				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>THRUST</b>							
<b>2T2647</b> STD		102.000/4.0157	117.420/4.6228		3.01/.119		2647T
		102.380/4.0307	117.800/4.6378				UL

9 Engine		Year	Cyl	Bore x Stroke	9		
PE6-T 11670cc Inline6 SOHC 2v Turbo Diesel		10/1974 - On	L6	133.0mm x 140.0mm			
PP6H 11670cc Inline6 SOHC 2v Diesel		01/1980 - 08/1988	L6	133.0mm x 140.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>								
<b>6B2716P</b> STD, .25, .50, .75, 1.00		79.890/3.1453	83.970/3.3059	2.012/.0792	41.00/1.614	F780	2716	
		79.910/3.1461	84.000/3.3071				IH	
<b>MAINS</b>								
<b>7M2717P</b> STD, .25, .50, .75, 1.00	1	99.874/3.9320	105.970/4.1720	3.018/.1188	35.00/1.378	F780	2717	
		99.894/3.9328	106.000/4.1732				L	
	1,2,3,5,6,7	99.874/3.9320	105.970/4.1720	3.018/.1188	35.00/1.378	F780	2717	
		99.894/3.9328	106.000/4.1732				U	
	2,3,5,6,7	99.874/3.9320	105.970/4.1720	3.018/.1188	35.00/1.378	F780	2718	
		99.894/3.9328	106.000/4.1732				L	
	4	99.874/3.9320	105.970/4.1720	3.018/.1188	55.00/2.165	F780	2719	
		99.894/3.9328	106.000/4.1732				IH	
	<b>CAMS</b>							
	<b>5C4195</b> STD	1	62.724/2.4694	66.800/2.6299	2.020/.0795	34.00/1.339	F23	4195
		62.740/2.4701	66.830/2.6311					
2		62.524/2.4616	66.600/2.6220	2.020/.0795	28.00/1.102	F23	4196	
		62.540/2.4622	66.630/2.6232					
3		62.324/2.4537	66.400/2.6142	2.020/.0795	39.00/1.535	F23	4197	
		62.340/2.4543	66.430/2.6153					
4		62.124/2.4458	66.200/2.6063	2.020/.0795	28.00/1.102	F23	4198	
		62.140/2.4465	66.230/2.6075					
5		61.924/2.4379	66.000/2.5984	2.020/.0795	31.00/1.220	F23	4199	
		61.940/2.4386	66.030/2.5996					
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4066</b> UNB		45.993/1.8107	49.985/1.9679		44.00/1.732	F100	4RB4066	
		46.000/1.8110	50.000/1.9685					

10 Engine		Year	Cyl	Bore x Stroke	10		
PD6 10308cc Inline6 SOHC 2v Diesel		01/1969 - 12/1982	L6	125.0mm x 140.0mm			
PD6-T 10308cc Inline6 SOHC 2v Turbo Diesel		01/1969 - 12/1982	L6	125.0mm x 140.0mm			
PE6 11670cc Inline6 SOHC 2v Diesel		01/1970 - 12/1982	L6	133.0mm x 140.0mm			
PE6H 11670cc Inline6 SOHC 2v Diesel		01/1973 - On	L6	133.0mm x 140.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b>							
<b>6B2716P</b> STD, .25, .50, .75, 1.00		79.890/3.1453	83.970/3.3059	2.012/.0792	41.00/1.614	F780	2716
		79.910/3.1461	84.000/3.3071				IH
<b>MAINS</b>							
<b>7M2717P</b> STD, .25, .50, .75, 1.00	1	99.874/3.9320	105.970/4.1720	3.018/.1188	35.00/1.378	F780	2717
		99.894/3.9328	106.000/4.1732				L
	1,2,3,5,6,7	99.874/3.9320	105.970/4.1720	3.018/.1188	35.00/1.378	F780	2717
		99.894/3.9328	106.000/4.1732				U
	2,3,5,6,7	99.874/3.9320	105.970/4.1720	3.018/.1188	35.00/1.378	F780	2718
		99.894/3.9328	106.000/4.1732				L
	4	99.874/3.9320	105.970/4.1720	3.018/.1188	55.00/2.165	F780	2719
		99.894/3.9328	106.000/4.1732				IH



10 Continued ...							10	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>THRUST</b>								
<b>2T2717</b> STD		112.000/4.4094	127.800/5.0315		3.01/.119	F250	2717T	
		112.000/4.4094	127.800/5.0315				UL	
<b>CAMS</b>								
<b>5C4195</b> STD	1	62.724/2.4694 62.740/2.4701	66.800/2.6299 66.830/2.6311	2.020/.0795	34.00/1.339	F23	4195	
	2	62.524/2.4616 62.540/2.4622	66.600/2.6220 66.630/2.6232	2.020/.0795	28.00/1.102	F23	4196	
	3	62.324/2.4537 62.340/2.4543	66.400/2.6142 66.430/2.6153	2.020/.0795	39.00/1.535	F23	4197	
	4	62.124/2.4458 62.140/2.4465	66.200/2.6063 66.230/2.6075	2.020/.0795	28.00/1.102	F23	4198	
	5	61.924/2.4379 61.940/2.4386	66.000/2.5984 66.030/2.5996	2.020/.0795	31.00/1.220	F23	4199	
	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
	<b>4RB4066</b> UNB		45.993/1.8107	49.985/1.9679		44.00/1.732	F100	4RB4066
			46.000/1.8110	50.000/1.9685				

11 Engine				Year	Cyl	Bore x Stroke	11	
PE6H-T 11670cc Inline6 SOHC 2v Turbo Diesel				07/1984 - On	L6	133.0mm x 140.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>6B2716P</b> STD, .25, .50, .75, 1.00		79.890/3.1453	83.970/3.3059	2.012/.0792	41.00/1.614	F780	2716	
		79.910/3.1461	84.000/3.3071				IH	
<b>MAINS</b>								
<b>7M2717P</b> STD, .25, .50, .75, 1.00	1	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 L	
	1,2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2717 U	
	2,3,5,6,7	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	35.00/1.378	F780	2718 L	
	4	99.874/3.9320 99.894/3.9328	105.970/4.1720 106.000/4.1732	3.018/.1188	55.00/2.165	F780	2719 IH	
	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
	<b>4RB4066</b> UNB		45.993/1.8107	49.985/1.9679		44.00/1.732	F100	4RB4066
			46.000/1.8110	50.000/1.9685				

12 Engine				Year	Cyl	Bore x Stroke	12
QD32 3153cc Inline4 OHV 2v Diesel				01/1986 - 12/2001	L4	99.2mm x 102.0mm	
QD32-T 3153cc Inline4 OHV 2v Turbo Diesel				01/1996 - 12/2001	L4	99.2mm x 102.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2966A</b> STD, .25, .50, .75, 1.00		56.913/2.2407	59.987/2.3617	1.513/.0596	26.10/1.028	F810	2966A
		56.926/2.2412	60.000/2.3622				IH
<b>RACE SERIES</b>							
<b>4B2966H</b> STD, .025, .25		56.913/2.2407	59.987/2.3617	1.510/.0594	26.10/1.028	F781	2966H
		56.926/2.2412	60.000/2.3622				IH
<b>RACE SERIES</b>							
<b>4B2966HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		56.913/2.2407	59.987/2.3617	1.497/.0589	26.10/1.028	F781	2966HX
		56.926/2.2412	60.000/2.3622				IH
<b>MAINS</b>							
<b>5M2965A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F810	2965A UL
	<b>RACE SERIES</b>						
<b>5M2965H</b> STD, .025, .25	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL





12 Continued ...							12	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>								
<b>5M2965HX</b> STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>						
		70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	1.997/.0786	26.00/1.024	F780	2965HX UL	
<b>2T1367</b> STD	THRUST	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
<b>5C4055</b> STD	CAMS	1	50.740/1.9976 50.740/1.9976	53.830/2.1193 53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
		2	50.540/1.9898 50.540/1.9898	53.630/2.1114 53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
		3	50.340/1.9819 50.340/1.9819	53.430/2.1035 53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
		4	50.140/1.9740 50.140/1.9740	53.230/2.0957 53.230/2.0957	1.520/.0598	22.00/.866	F830	4058
		5	49.940/1.9661 49.940/1.9661	53.030/2.0878 53.030/2.0878	1.520/.0598	22.00/.866	F830	4059

13 Engine				Year	Cyl	Bore x Stroke	13
ED33 3298cc Inline4 SOHC 2v Diesel				01/1980 - 01/1997	L4	100.0mm x 105.0mm	
ED33-T 3298cc Inline4 SOHC 2v Turbo Diesel				06/1980 - 11/1986	L4	100.0mm x 105.0mm	
FD33 3298cc Inline4 SOHC 2v Diesel				01/1983 - 12/1993	L4	100.0mm x 105.0mm	
FD33-T 3298cc Inline4 SOHC 2v Turbo Diesel				01/1983 - 12/1988	L4	100.0mm x 105.0mm	
FD35 3465cc Inline4 SOHC 2v Diesel				11/1986 - 12/1991	L4	102.5mm x 105.0mm	
FD35-T 3465cc Inline4 SOHC 2v Turbo Diesel				11/1986 - 12/1991	L4	102.5mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2776P</b> STD, .25, .50, .75, 1.00	CONROD	61.920/2.4378	65.980/2.5976	1.998/.0787	32.00/1.260	F780	2776 IH	
		61.945/2.4388	66.000/2.5984					
<b>5M2775A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.920/2.9890	79.980/3.1488	1.995/.0785	28.00/1.102	F810	2775A UL	
		75.940/2.9898	80.000/3.1496					
<b>2T2775</b> STD	THRUST	86.000/3.3858	101.800/4.0079		3.00/.118	F100	2775T UL	
		86.000/3.3858	101.800/4.0079					
<b>3C4212</b> STD	CAMS	1	57.340/2.2575 57.340/2.2575	60.400/2.3779 60.400/2.3779	1.515/.0596	28.00/1.102	F23	4212
		2	57.140/2.2496 57.140/2.2496	60.200/2.3701 60.200/2.3701	1.515/.0596	26.00/1.024	F23	4213
		3	56.940/2.2417 56.940/2.2417	60.000/2.3622 60.000/2.3622	1.515/.0596	26.00/1.024	F23	4214

14 Engine				Year	Cyl	Bore x Stroke	14
QR20DE 1998cc Inline4 DOHC 4v				10/2001 - On	L4	89.0mm x 80.3mm	
QR25DE 2488cc Inline4 DOHC 4v				10/2001 - On	L4	89.0mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2620A</b> STD, .25, .50, .75, 1.00	CONROD	44.956/1.7699	48.000/1.8898	1.507/.0593	19.00/.748	F810	2620A IH
		44.974/1.7706	48.013/1.8903				
<b>5M2628A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A L
		54.979/2.1645	58.968/2.3216				
	1,2,4,5	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A U
		54.979/2.1645	58.968/2.3216				
3	54.955/2.1636	58.944/2.3206	1.981/.0780	23.50/.925	F810	2629A U	
		54.979/2.1645	58.968/2.3216				



14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>This set contains one set of 1T2628-STD for all sizes.</i>					
<b>5M2628A+2T</b> STD, .25, .50, .75, 1.00		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2628T
		59.520/2.3433	83.500/3.2874				
		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2629T
		59.520/2.3433	83.500/3.2874				
	1,2,3,4	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A U
		54.979/2.1645	58.968/2.3216				
	1,2,3,4,5	54.955/2.1636	58.944/2.3206	1.981/.0780	20.00/.787	F810	2628A L
		54.979/2.1645	58.968/2.3216				
	3	54.955/2.1636	58.944/2.3206	1.981/.0780	23.50/.925	F810	2629A U
		54.979/2.1645	58.968/2.3216				
<b>THRUST</b>							
<b>1T2628</b> STD		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2628T
		59.520/2.3433	83.500/3.2874				
		59.270/2.3335	83.250/3.2776		2.45/.097	F817	2629T
		59.520/2.3433	83.500/3.2874				
<b>PISTON PIN BUSH</b>		<i>Set contains 4 pieces.</i>					
<b>4RB4278</b> UNB			21.980/.8654	1.030/.0406	22.80/.898	F100	4RB4278
			22.000/.8661				
<b>PISTON PIN BUSH</b>							
<b>RB4278</b> UNB			21.980/.8654	1.030/.0406	22.80/.898	F100	RB4278
			22.000/.8661				

15	Engine	Year	Cyl	Bore x Stroke	15
	RB25DE 2498cc Inline6 DOHC 4v <i>Import NZ.</i>	01/1993 - 05/1998	L6	86.0mm x mm	
	RB25DE NEO 2498cc Inline6 DOHC 4v	05/1998 - On	L6	86.0mm x 71.7mm	
	RB25DET 2498cc Inline6 DOHC 4v Turbo	01/1994 - 05/1998	L6	86.0mm x 72.0mm	
	RB25DET NEO 2498cc Inline6 DOHC 4v Turbo	05/1998 - On	L6	86.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2960A</b> STD, .25, .50, .75, 1.00		47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F810	2960A IH
		47.974/1.8887	51.013/2.0084				
<b>RACE SERIES</b>							
<b>6B2960H</b> STD, .025, .25, .50		47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F781	2960H IH
		47.974/1.8887	51.013/2.0084				
<b>RACE SERIES</b>							
<b>6B2960HX</b> STD		47.956/1.8880	51.000/2.0079	1.490/.0587	17.10/.673	F781	2960HX IH
		47.974/1.8887	51.013/2.0084				
<b>CONROD</b>							
<b>6B2960P</b> STD, .25, .50, .75, 1.00		47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F780	2960 IH
		47.974/1.8887	51.013/2.0084				
<b>MAINS</b>							
<b>7M2394A</b> STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F810	2394A UL
		54.975/2.1644	58.658/2.3094				
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810	2395A(F) UL
		54.975/2.1644	58.658/2.3094				
<b>RACE SERIES</b>							
<b>7M2394H</b> STD, .025, .25, .50	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.827/.0719	19.12/.753	F780	2394H UL
		54.975/2.1644	58.658/2.3094				
	7	54.951/2.1634	58.645/2.3089	1.827/.0719	26.95/1.061	F780	2395H(F) UL
		54.975/2.1644	58.658/2.3094				
<b>RACE SERIES</b>							
<b>7M2394HX</b> STD	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.814/.0714	19.12/.753	F780	2394HX UL
		54.975/2.1644	58.658/2.3094				
	7	54.951/2.1634	58.645/2.3089	1.814/.0714	26.95/1.061	F780	2395HX(F) UL
		54.975/2.1644	58.658/2.3094				





15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M2394P</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F780	2394 UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F780	2395(F) UL
	<b>PISTON PIN BUSH</b>		<i>Set of 6. Suits 21mm shaft.</i>				
<b>6RB4074</b> UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	<b>PISTON PIN BUSH</b>		<i>Suits 21mm shaft.</i>				
<b>RB4074</b> UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

16	Engine	Year	Cyl	Bore x Stroke	16
	CA16 1598cc Inline4 SOHC 8v	01/1979 - 12/1990	L4	78.0mm x 83.6mm	
	CA18 1809cc Inline4 SOHC 8v	01/1979 - 11/1989	L4	83.0mm x 83.6mm	
	CA18ET 1809cc Inline4 SOHC 2v Turbo	01/1983 - 12/1985	L4	83.0mm x 83.6mm	
	CA20E 1974cc Inline4 SOHC 2v	01/1984 - 12/1992	L4	84.5mm x 88.0mm	
	CA20S 1974cc Inline4 SOHC 2v	01/1982 - 12/1986	L4	84.5mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>To suit 45mm shaft.</i>					
<b>4B1630A</b> STD, .25, .50, .75, 1.00		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F810	1630A IH
	<b>RACE SERIES</b>						
<b>4B1630H</b> STD, .025, .25, .50	<b>CONROD</b>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.505/.0593	18.60/.732	F781	1630H IH
	<b>RACE SERIES</b>						
<b>4B1630HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.492/.0587	18.60/.732	F781	1630HX IH
<b>CONROD</b>		<i>To suit 45mm shaft.</i>					
<b>4B1630P</b> STD, .25, .50, .75, 1.00		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F780	1630 IH
	<b>MAINS</b>	<i>Plain bearings 20mm wide.</i>					
<b>5M1633A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F810	1633A UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
	<b>RACE SERIES</b>						
<b>5M1633H</b> STD, .025, .25, .50	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/.0719	20.00/.787	F780	1633H UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL
	<b>RACE SERIES</b>						
<b>5M1633HX</b> STD	1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.814/.0714	20.00/.787	F780	1633HX UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL
<b>MAINS</b>		<i>Plain bearings 20mm wide.</i>					
<b>5M1633P</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F780	1633 UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
	<b>MAINS</b>	<i>Plain bearings 22.1mm wide.</i>					
<b>5M8572A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	22.10/.870	F810	8572A UL
	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL

17 Engine		Year		Cyl	Bore x Stroke	17	
RD28 2826cc Inline6 SOHC 2v/3v Diesel		06/1983 - 12/1999		L6	85.0mm x 83.0mm		
RD28E 2826cc Inline6 SOHC 3v Diesel		01/1999 - On		L6	85.0mm x 83.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2930A</b> STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.498/.0590	20.00/.787	F810	2930A
		49.974/1.9675	53.013/2.0871				IH
<b>MAINS</b>							
<b>7M2394A</b> STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F810	2394A
		54.975/2.1644	58.658/2.3094				UL
		7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810
		54.975/2.1644	58.658/2.3094				UL
<b>RACE SERIES</b>							
<b>7M2394H</b> STD, .025, .25, .50	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.827/.0719	19.12/.753	F780	2394H
		54.975/2.1644	58.658/2.3094				UL
		7	54.951/2.1634	58.645/2.3089	1.827/.0719	26.95/1.061	F780
		54.975/2.1644	58.658/2.3094				UL
<b>RACE SERIES</b>							
<b>7M2394HX</b> STD	1,2,3,4,5,6	<i>0.001" extra oil clearance on STD journal.</i>		1.814/.0714	19.12/.753	F780	2394HX
		54.951/2.1634	58.645/2.3089				UL
		7	54.951/2.1634	58.645/2.3089	1.814/.0714	26.95/1.061	F780
		54.975/2.1644	58.658/2.3094				UL
<b>MAINS</b>							
<b>7M2394P</b> STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F780	2394
		54.975/2.1644	58.658/2.3094				UL
		7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F780
		54.975/2.1644	58.658/2.3094				UL
<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 25mm shaft. For non-turbo versions.</i>							
<b>6RB4272</b> UNB				1.525/.0600	24.47/.963	F100	6RB4272
<b>PISTON PIN BUSH</b> <i>Suits 25mm shaft. For non-turbo versions.</i>							
<b>RB4272</b> UNB				1.525/.0600	24.47/.963	F100	RB4272

18 Engine		Year		Cyl	Bore x Stroke	18	
SR20DET (GTiR) 1998cc Inline4 DOHC 4v Turbo		01/1990 - 12/1994		L4	86.0mm x 86.0mm		
<i>Only fitted to Pulsar GTiR</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>4B2976H</b> STD, .025, .25		<i>Suits GTiR engines with 19.10mm wide bearings.</i>					
		47.956/1.8880	51.000/2.0079	1.503/.0592	19.10/.752	F781	2976H
		47.974/1.8887	51.013/2.0084				IH
<b>RACE SERIES</b>							
<b>4B2976HX</b> STD		<i>0.001" extra oil clearance on STD journal. Suits GTiR engines with 19.10mm wide bearings.</i>					
		47.956/1.8880	51.000/2.0079	1.490/.0587	19.10/.752	F781	2976HX
		47.974/1.8887	51.013/2.0084				IH
<b>RACE SERIES</b>							
<b>5M2975H</b> STD, .025, .25	1,2,3,4,5	<i>Suits GTiR engines.</i>					
		54.956/2.1636	58.944/2.3206	1.980/.0780	19.10/.752	F780	2975H
		54.980/2.1646	58.968/2.3216				UL
<b>RACE SERIES</b>							
<b>5M2975HX</b> STD	1,2,3,4,5	<i>Suits GTiR engines. 0.001" extra oil clearance on STD journal.</i>					
		54.956/2.1636	58.944/2.3206	1.967/.0774	19.10/.752	F780	2975HX
		54.980/2.1646	58.968/2.3216				UL
<b>THRUST</b>							
<b>1T2964</b> STD		61.500/2.4213	83.050/3.2697		1.95/.077	F817	2964T
		61.750/2.4311	83.300/3.2795				U





19 Engine		Year	Cyl	Bore x Stroke	19		
TB45E 4479cc Inline6 SOHC 2v		12/1997 - 10/2001	L6	99.5mm x 96.0mm			
TB45S 4479cc Inline6 SOHC 2v		12/1997 - 04/2000	L6	99.5mm x 96.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2955A</b> STD, .25, .50, .75		56.913/2.2407	59.987/2.3617	1.517/.0597	26.10/1.028	F810	2955A IH
		56.926/2.2412	60.000/2.3622				
<b>RACE SERIES</b>							
<b>6B2955H</b> STD, .025, .25		56.913/2.2407	59.987/2.3617	1.512/.0595	26.10/1.028	F781	2955H IH
		56.926/2.2412	60.000/2.3622				
<b>RACE SERIES</b>							
<b>6B2955HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.499/.0590	26.10/1.028	F781	2955HX IH
		56.913/2.2407	59.987/2.3617				
56.926/2.2412		60.000/2.3622					
<b>CONROD</b>							
<b>6B2955P</b> STD, .25, .50, .75		56.913/2.2407	59.987/2.3617	1.517/.0597	26.10/1.028	F780	2955 IH
		56.926/2.2412	60.000/2.3622				
<b>MAINS</b>							
<b>7M2953A</b> STD, .25, .50, .75	1,2,3,5,7	70.920/2.7921	75.000/2.9528	2.007/.0790	26.00/1.024	F810	2953A UL
		70.920/2.7921	75.020/2.9535				
	6	70.920/2.7921	75.000/2.9528	2.007/.0790	31.95/1.258	F810	2954A(F) UL
		70.920/2.7921	75.020/2.9535				
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4273</b> UNB				1.540/.0606	25.50/1.004	F100	6RB4273
<b>PISTON PIN BUSH</b>							
<b>RB4273</b> UNB				1.540/.0606	25.50/1.004	F100	RB4273

20 Engine		Year	Cyl	Bore x Stroke	20		
VG20E 1998cc V6 SOHC 2v		06/1983 - 12/1997	V6	78.0mm x 69.7mm			
VG20ET 1998cc V6 SOHC 2v Turbo		01/1984 - 12/1988	V6	78.0mm x 70.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing is 15mm wide.</i>							
<b>4B2673A</b> STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.506/.0593	15.10/.595	F810	2673A IH
		44.974/1.7706	48.020/1.8905				
<b>CONROD</b> <i>Bearing is 17mm wide.</i>							
<b>4B2674A</b> STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.506/.0593	17.10/.673	F810	2674A IH
		44.974/1.7706	48.020/1.8905				
<b>MAINS</b> <i>Suits 53mm shaft.</i>							
<b>4M2653A</b> STD, .25, .50, .75, 1.00	1	52.951/2.0847	56.645/2.2301	1.821/.0717	25.60/1.008	F810	2653A UL
		52.975/2.0856	56.672/2.2312				
	2,3	52.951/2.0847	56.645/2.2301	1.821/.0717	19.10/.752	F810	2654A UL
		52.975/2.0856	56.672/2.2312				
4	52.951/2.0847	56.645/2.2301	1.821/.0717	28.85/1.136	F810	2655A(F) UL	
	52.975/2.0856	56.672/2.2312					
<b>MAINS</b> <i>Upper shell has five oil holes.</i>							
<b>RACE SERIES</b> <b>4M2737H</b> STD, .025, .25, .50	1	62.951/2.4784	66.645/2.6238	1.830/.0720	22.50/.886	F780	2739H UL
		62.974/2.4793	66.672/2.6249				
	2,3	62.951/2.4784	66.645/2.6238	1.830/.0720	19.00/.748	F780	2737H UL
		62.974/2.4793	66.672/2.6249				
4	62.951/2.4784	66.645/2.6238	1.830/.0720	28.85/1.136	F780	2738H(F) UL	
	62.974/2.4793	66.672/2.6249					
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>							
<b>RACE SERIES</b> <b>4M2737HX</b> STD	1	62.951/2.4784	66.645/2.6238	1.817/.0715	22.50/.886	F780	2739HX UL
		62.974/2.4793	66.672/2.6249				
	2,3	62.951/2.4784	66.645/2.6238	1.817/.0715	19.00/.748	F780	2737HX UL
		62.974/2.4793	66.672/2.6249				
4	62.951/2.4784	66.645/2.6238	1.817/.0715	28.85/1.136	F780	2738HX(F) UL	
	62.974/2.4793	66.672/2.6249					

**20** Continued ... **20**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2777A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F810	2779A(F) UL
<b>4M2777P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>		<i>Single oil hole in upper shell. Std width flanges for all sizes.</i>				
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL
<b>4M2780A</b> .25, .50, .75, 1.00	<b>MAINS</b>		<i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>				
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL
<b>6RB4275</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>					
			22.987/.9050 23.000/.9055	1.535/.0604	20.80/.819	F100	6RB4275
<b>RB4275</b> UNB	<b>PISTON PIN BUSH</b>						
			22.987/.9050 23.000/.9055	1.535/.0604	20.80/.819	F100	RB4275

**21** Engine **Year** **Cyl** **Bore x Stroke** **21**

VG20DET 1998cc V6 DOHC 4v Turbo 01/1987 - 12/1992 V6 78.0mm x 69.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2675A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>Bearing is 18.6mm wide.</i>				
		44.961/1.7701 44.974/1.7706	48.000/1.8898 48.020/1.8905	1.508/.0594	18.60/.732	F810	2675A IH
<b>RACE SERIES</b> <b>4M2737H</b> STD, .025, .25, .50	<b>MAINS</b>		<i>Upper shell has five oil holes.</i>				
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
<b>RACE SERIES</b> <b>4M2737HX</b> STD	<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>				
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
<b>4M2777A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F810	2779A(F) UL
<b>4M2777P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>		<i>Single oil hole in upper shell. Std width flanges for all sizes.</i>				
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL





21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2777P</b> STD, .25, .50, .75, 1.00	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL
	<b>MAINS</b> <i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>						
<b>4M2780A</b> .25, .50, .75, 1.00	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL
	<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 21mm shaft.</i>						
<b>6RB4074</b> UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	<b>PISTON PIN BUSH</b> <i>Suits 21mm shaft.</i>						
<b>RB4074</b> UNB		21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

22 Engine	Year	Cyl	Bore x Stroke	22
VG30DE 2960cc V6 DOHC 4v	01/1989 - 12/1997	V6	87.0mm x 83.5mm	
VG30DET 2960cc V6 DOHC 4v Turbo	01/1988 - 12/1994	V6	87.0mm x 83.0mm	
VG30DETT 2960cc V6 DOHC 4v Twin Turbo	01/1990 - 12/1995	V6	87.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B2390A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>							
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F810	2390A IH	
<b>RACE SERIES</b> <b>6B2390H</b> STD, .025, .25, .50	<b>CONROD</b>							
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/.0592	17.10/.673	F781	2390H IH	
<b>RACE SERIES</b> <b>6B2390HX</b> STD	<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.490/.0587	17.10/.673	F781	2390HX IH	
<b>6B2390P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>							
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F780	2390 IH	
<b>4M2737A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> <i>Upper shell has five oil holes.</i>							
	1		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F810	2739A UL
	2,3		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F810	2737A UL
	4		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F810	2738A(F) UL
	<b>MAINS</b> <i>Upper shell has five oil holes.</i>							
<b>RACE SERIES</b> <b>4M2737H</b> STD, .025, .25, .50	<b>MAINS</b> <i>Upper shell has five oil holes.</i>							
	1		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
	2,3		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
	4		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>							
<b>RACE SERIES</b> <b>4M2737HX</b> STD	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>							
	1		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
	2,3		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
	4		62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL

22 Continued ...							22
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2737P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739 UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737 UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738(F) UL
<b>6RB4191</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 6.</i>		24.980/.9835 25.000/.9843	21.80/.858	F100	6RB4191
<b>RB4191</b> UNB		<b>PISTON PIN BUSH</b>		24.980/.9835 25.000/.9843	21.80/.858	F100	RB4191

23 Engine	Year	Cyl	Bore x Stroke	23
VG30E 2960cc V6 SOHC 2v	01/1984 - On	V6	87.0mm x 83.0mm	
VG30ET 2960cc V6 SOHC 2v Turbo	01/1984 - 12/1989	V6	87.0mm x 83.0mm	
VG30i 2960cc V6 SOHC 2v	01/1986 - 12/1989	V6	87.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2390A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F810	2390A IH
<b>RACE SERIES</b> <b>6B2390H</b> STD, .025, .25, .50		<b>CONROD</b>					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/.0592	17.10/.673	F781	2390H IH
<b>RACE SERIES</b> <b>6B2390HX</b> STD		<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.490/.0587	17.10/.673	F781	2390HX IH
<b>6B2390P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>					
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F780	2390 IH
<b>RACE SERIES</b> <b>4M2737H</b> STD, .025, .25, .50		<b>MAINS</b> <i>Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
<b>RACE SERIES</b> <b>4M2737HX</b> STD		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
<b>4M2777A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b>					
	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F810	2779A(F) UL
<b>4M2777P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Single oil hole in upper shell. Std width flanges for all sizes.</i>					
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL





23 Continued ...							23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2777P</b> STD, .25, .50, .75, 1.00	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL
<b>MAINS</b>		<i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>					
<b>4M2780A</b> .25, .50, .75, 1.00	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL
	<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>				
<b>6RB4190</b> UNB			23.987/.9444 24.000/.9449		20.80/.819	F100	6RB4190
<b>PISTON PIN BUSH</b>							
<b>RB4190</b> UNB			23.987/.9444 24.000/.9449		20.80/.819	F100	RB4190

24	Engine	Year	Cyl	Bore x Stroke	24
	VQ20DE 1995cc V6 DOHC 4v	01/1997 - 12/2000	V6		
	VQ25DE 2495cc V6 DOHC 4v	01/2000 - On	V6	85.0mm x 73.3mm	
	VQ25DET 2495cc V6 DOHC 4v Turbo	01/2001 - 12/2004	V6	85.0mm x 73.3mm	
	VQ30DE 2988cc V6 DOHC 4v	01/1995 - On	V6	93.0mm x 73.3mm	
	VQ30DET 2988cc V6 DOHC 4v Turbo	01/1995 - On	V6	93.0mm x 73.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2630A</b> STD, .25, .50, .75		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F810	2630A IH
		44.974/1.7706	48.013/1.8903				
<b>RACE SERIES</b>							
<b>6B2630H</b> STD, .025, .25		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F781	2630H IH
		44.974/1.7706	48.013/1.8903				
<b>RACE SERIES</b>							
<b>6B2630HX</b> STD		44.958/1.7700	48.000/1.8898	1.489/.0586	17.00/.669	F781	2630HX IH
		44.974/1.7706	48.013/1.8903				
<b>CONROD</b>		<i>Grind journal to give clearance 0.034-0.059mm.</i>					
<b>6B2630P</b> STD, .25, .50, .75		44.956/1.7699	48.000/1.8898	1.502/.0591	17.00/.669	F780	2630 IH
		44.974/1.7706	48.013/1.8903				
<b>MAINS</b>							
<b>4M2633A</b> STD, .25, .50, .75, 1.00	1,2,3,4	59.951/2.3603	63.993/2.5194	2.140/.0843	20.12/.792	F810	2633A UL
		59.975/2.3612	64.017/2.5203				
<b>MAINS</b>		<i>This set includes 2T2633-STD for all sizes.</i>					
<b>4M2633A+4T</b> STD, .25, .50		66.500/2.6181	79.250/3.1201		1.94/.076	F817	2633T UL
		66.700/2.6260	79.500/3.1299				
	1,2,3,4	59.951/2.3603	63.993/2.5194	2.140/.0843	20.12/.792	F810	2633A UL
		59.975/2.3612	64.017/2.5203				
<b>RACE SERIES</b>							
<b>4M2633H</b> STD, .025, .25	1,2,3,4	59.951/2.3603	63.993/2.5194	2.009/.0791	20.12/.792	F780	2633H UL
		59.975/2.3612	64.017/2.5203				
<b>RACE SERIES</b>							
<b>4M2633HX</b> STD	1,2,3,4	59.951/2.3603	63.993/2.5194	1.996/.0786	20.12/.792	F780	2633HX UL
		59.975/2.3612	64.017/2.5203				
<b>MAINS</b>		<i>Grind journal to give clearance of 0.035-0.053mm.</i>					
<b>4M2633P</b> .25, .50, .75	1,2,3,4	59.951/2.3603	63.993/2.5194	2.140/.0843	20.12/.792	F780	2633 UL
		59.975/2.3612	64.017/2.5203				
<b>THRUST</b>							
<b>2T2633</b> STD		66.500/2.6181	79.250/3.1201		1.94/.076	F817	2633T UL
		66.700/2.6260	79.500/3.1299				

**24 Continued ... 24**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set contains 6 pieces. To suit 22mm pin.</i>							
<b>6RB4276</b> UNB, STD			23.980/.9441 24.000/.9449	1.030/.0406	20.80/.819	F100	6RB4276
<b>PISTON PIN BUSH</b> <i>To suit 22mm pin.</i>							
<b>RB4276</b> UNB, STD			23.980/.9441 24.000/.9449	1.030/.0406	20.80/.819	F100	RB4276

**25 Engine Year Cyl Bore x Stroke 25**

L13 1296cc Inline4 SOHC 2v	01/1967 - 12/1977	L4	83.0mm x 59.9mm
L14 1428cc Inline4 SOHC 2v	09/1970 - 12/1985	L4	83.0mm x 66.0mm
L16 1595cc Inline4 SOHC 2v	01/1967 - 12/1985	L4	83.0mm x 73.3mm
L18 1770cc Inline4 SOHC 2v	11/1968 - 12/1985	L4	85.0mm x 78.0mm
Z16 1595cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	83.0mm x 73.7mm
Z18 1770cc Inline4 SOHC 2v	01/1978 - 12/1988	L4	85.0mm x 78.0mm
Z18E 1770cc Inline4 SOHC 2v	01/1980 - 12/1988	L4	85.0mm x 78.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1171A</b> STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
<b>MAINS</b>							
<b>5M1172A</b> STD, .25, .50, .75, 1.00, 1.50	1,5	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	26.10/1.028	F810	1172A UL
	2,4	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	24.10/.949	F810	1174A UL
	3	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	31.95/1.258	F810	1173A(F) UL

**26 Engine Year Cyl Bore x Stroke 26**

L20B 1952cc Inline4 SOHC 2v	01/1974 - 02/1986	L4	85.0mm x 86.0mm
LD20-T 1952cc Inline4 SOHC 2v Turbo Diesel	01/1980 - 12/1992	L4	85.0mm x 86.0mm
Z20 1952cc Inline4 SOHC 2v	01/1981 - 02/1997	L4	85.0mm x 86.0mm
Z20E 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	85.0mm x 86.0mm
Z20S 1952cc Inline4 SOHC 2v	01/1979 - 12/1986	L4	85.0mm x 86.0mm
Z22E 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	87.0mm x 92.0mm
Z22S 2187cc Inline4 SOHC 2v	01/1980 - 01/1987	L4	87.0mm x 92.0mm
Z24 2389cc Inline4 SOHC 2v	01/1986 - 03/1997	L4	89.0mm x 96.0mm
Z24i 2389cc Inline4 SOHC 2v	04/1985 - 12/1989	L4	89.0mm x 96.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1171A</b> STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
<b>MAINS</b>							
<b>5M1176A</b> STD, .25, .50, .75, 1.00	1	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A UL
	2,4	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	24.10/.949	F810	1177A UL
	3	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	31.95/1.258	F810	1178A(F) IH
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A L
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1179A U





27	Engine	Year	Cyl	Bore x Stroke	27
	ZD30DD 2953cc Inline4 4v Diesel	04/2000 - On	L4	96.0mm x 102.0mm	
	ZD30DDT 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	96.0mm x 102.0mm	
	ZD30DDTi 2953cc Inline4 DOHC 4v Turbo Diesel	04/2000 - On	L4	96.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2966A</b> STD, .25, .50, .75, 1.00		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F810	2966A IH
<b>RACE SERIES</b>							
<b>4B2966H</b> STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH
<b>RACE SERIES</b>							
<b>4B2966HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.497/.0589	26.10/1.028	F781	2966HX IH
<b>MAINS</b>							
<b>5M2678A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	70.900/2.7913 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.014/.0793	26.00/1.024	F810	2678A UL
<b>RACE SERIES</b>							
<b>5M2965H</b> STD, .025, .25	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL
<b>RACE SERIES</b>							
<b>5M2965HX</b> STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.997/.0786	26.00/1.024	F780	2965HX UL
<b>THRUST</b>							
<b>1T2678</b> STD			93.800/3.6929 94.000/3.7008		2.36/.093	F817	2678T IH
<b>BALANCE</b>							
<b>4B52938</b> STD		50.875/2.0029 50.895/2.0037 50.675/1.9951 50.695/1.9959	53.990/2.1256 54.010/2.1264 53.790/2.1177 53.810/2.1185	1.525/.0600 1.525/.0600	16.00/.630 21.00/.827	F820 F820	2939A 2938A
<b>PISTON PIN BUSH</b>							
<b>4RB4280</b> UNB		<i>Set of 4.</i>		36.000/1.4173	1.530/.0602	F100	4RB4280
<b>PISTON PIN BUSH</b>							
<b>4RB4281</b> UNB		<i>Tapered Bush. Set of 4.</i>		36.000/1.4173	1.530/.0602	F100	4RB4281
<b>PISTON PIN BUSH</b>							
<b>RB4280</b> UNB			36.000/1.4173	1.530/.0602	33.00/1.299	F100	RB4280
<b>PISTON PIN BUSH</b>							
<b>RB4281</b> UNB		<i>Tapered bush.</i>		36.000/1.4173	1.530/.0602	F100	RB4281

28	Engine	Year	Cyl	Bore x Stroke	28
	VQ35HR 3498cc V6 DOHC 4v	08/2006 - On	V6	95.5mm x 81.4mm	
	VQ37VHR 3696cc V6 DOHC 4v	01/2008 - On	V6	95.5mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>1M2505H</b> STD-0, Std-1, Std-2, Std-3, St		64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
<b>RACE SERIES</b>							
<b>4M2505H</b> STD, .25	1,2,3,4	64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
<b>THRUST</b>							
<b>1T2505</b> STD		71.500/2.8150 71.700/2.8228	89.750/3.5335 90.000/3.5433		1.94/.076	F817	2505T IH



29	Engine	Year	Cyl	Bore x Stroke	29
	MR18DE 1798cc Inline4 DOHC 4v	01/2004 - On	L4	84.0mm x 81.1mm	
	MR20DE 1997cc Inline4 DOHC 4v	01/2006 - On	L4	84.0mm x 90.1mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B2907A</b> STD, .25, .50, .75, 1.00			47.000/1.8504 47.020/1.8512	1.506/.0593	16.00/.630	F810	2907A IH
	<b>MAINS</b>						
<b>5M2905A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.000/.0787	17.10/.673	F810	2905A UL
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M2905H</b> Std, .025, .25	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.010/.0791	17.00/.669	F780	2905H UL
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M2905HX</b> Std	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	1.997/.0786	17.00/.669	F780	2905HX UL
	<b>THRUST</b>						
<b>1T2905</b> STD		58.700/2.3110 58.950/2.3209	76.500/3.0118 76.750/3.0216		2.21/.087	F817	2905T IH

30	Engine	Year	Cyl	Bore x Stroke	30
	ED35 3465cc Inline4 SOHC 2v Diesel	01/1990 - On	L4	102.5mm x 105.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B2776P</b> STD, .25, .50, .75, 1.00		61.920/2.4378 61.945/2.4388	65.980/2.5976 66.000/2.5984	1.998/.0787	32.00/1.260	F780	2776 IH
	<b>MAINS</b>						
<b>5M2775A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.920/2.9890 75.940/2.9898	79.980/3.1488 80.000/3.1496	1.995/.0785	28.00/1.102	F810	2775A UL
	<b>THRUST</b>						
<b>2T2775</b> STD		86.000/3.3858 86.000/3.3858	101.800/4.0079 101.800/4.0079		3.00/.118	F100	2775T UL

31	Engine	Year	Cyl	Bore x Stroke	31
	MR16DDT 1618cc Inline4 DOHC 4v Turbo	01/2011 - On	L4	79.7mm x 81.1mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>MAINS</b>						
<b>5M2905A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.000/.0787	17.10/.673	F810	2905A UL
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M2905H</b> Std, .025, .25	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	2.010/.0791	17.00/.669	F780	2905H UL
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M2905HX</b> Std	1,2,3,4,5	51.959/2.0456 51.979/2.0464	56.000/2.2047 56.020/2.2055	1.997/.0786	17.00/.669	F780	2905HX UL
	<b>THRUST</b>						
<b>1T2905</b> STD		58.700/2.3110 58.950/2.3209	76.500/3.0118 76.750/3.0216		2.21/.087	F817	2905T IH

32	Engine	Year	Cyl	Bore x Stroke	32
	K9K 1461cc Inline4 SOHC 2v Turbo Diesel	01/2003 - On	L4	76.0mm x 80.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B5506P</b> STD, .25, .50		43.960/1.7307 43.980/1.7315 43.960/1.7307 43.980/1.7315	47.610/1.8744 47.628/1.8751 47.610/1.8744 47.628/1.8751	1.815/.0715 1.806/.0711	20.75/.817 17.75/.699	F780 F810	5506 U 5526A L





<b>32</b>	<b>Continued ...</b>							<b>32</b>
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	

	<b>THRUST</b>						
<b>1T7809</b> STD		53.500/2.1063 53.750/2.1161	73.750/2.9035 74.000/2.9134		2.85/.112	F817	7809T IH

<b>33</b>	<b>Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>33</b>
	VR38DETT 3799cc V6 DOHC 4v Twin Turbo	01/2007 - On	V6	95.5mm x 88.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES</b>	<b>CONROD</b>	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1B2500H</b> STD-0, Std-1, Std-2		55.943/2.2025 55.961/2.2032	59.000/2.3228 59.013/2.3233		19.00/.748	F781	2500H IH
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>6B2500H</b> STD, .25		55.943/2.2025 55.961/2.2032	59.000/2.3228 59.013/2.3233		19.00/.748	F781	2500H IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
<b>1M2505H</b> STD-0, Std-1, Std-2, Std-3, St		64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>4M2505H</b> STD, .25	1,2,3,4	64.951/2.5571 64.975/2.5581	69.993/2.7556 70.017/2.7566		20.00/.787	F780	2505H UL
<b>1T2505</b> STD	<b>THRUST</b>						
		71.500/2.8150 71.700/2.8228	89.750/3.5335 90.000/3.5433		1.94/.076	F817	2505T IH

<b>34</b>	<b>Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>34</b>
	SR18DE 1838cc Inline4 DOHC 4v	01/1989 - 12/1999	L4	82.5mm x 86.0mm	
	SR18Di 1838cc Inline4 DOHC 4v	01/1990 - 12/1993	L4	82.5mm x 86.0mm	
	SR20DE 1998cc Inline4 DOHC 4v	01/1990 - 01/2001	L4	86.0mm x 86.0mm	
	SR20DET 1998cc Inline4 DOHC 4v Turbo	10/1990 - 12/2002	L4	86.0mm x 86.0mm	
	SR20Di 1998cc Inline4 DOHC 4v	01/1991 - 07/1994	L4	86.0mm x 86.0mm	
	SR20VE 1998cc Inline4 DOHC 4v	01/1997 - 12/2003	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B2960A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/.0592	17.10/.673	F810	2960A IH
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>4B2960H</b> STD, .025, .25, .50		47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/.0592	17.10/.673	F781	2960H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B2960HX</b> STD		47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.490/.0587	17.10/.673	F781	2960HX IH
<b>4B2960P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.956/1.8880 47.974/1.8887	51.000/2.0079 51.013/2.0084	1.503/.0592	17.10/.673	F780	2960 IH
<b>5M2964A</b> STD, .25, .50, .75	1,2,3,4,5	54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.980/.0780	19.10/.752	F810	2964A UL
<b>RACE SERIES</b>	<b>MAINS</b>						
<b>5M2964H</b> STD, .025, .25, .50	1,2,3,4,5	54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.975/.0778	19.10/.752	F780	2964H UL
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M2964HX</b> STD	1,2,3,4,5	54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.962/.0772	19.10/.752	F780	2964HX UL
<b>5M2964P</b> STD, .25, .50, .75	1,2,3,4,5	54.956/2.1636 54.980/2.1646	58.944/2.3206 58.968/2.3216	1.980/.0780	19.10/.752	F780	2964 UL

**34 Continued ... 34**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T2964</b> STD	<b>THRUST</b>	61.500/2.4213 61.750/2.4311	83.050/3.2697 83.300/3.2795		1.95/.077	F817	2964T U
<b>4RB4274</b> UNB, STD	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		24.998/.9842	1.530/.0602	F100	4RB4274
<b>RB4274</b> UNB, STD	<b>PISTON PIN BUSH</b>		24.998/.9842	1.530/.0602	22.80/.898	F100	RB4274

**35 Engine Year Cyl Bore x Stroke 35**

VK45DD 4494cc V8 DOHC 4v	01/2001 - 12/2010	V8	93.0mm x 82.7mm
VK45DE 4494cc V8 DOHC 4v	01/2002 - On	V8	93.0mm x 82.7mm
VK50VE 5026cc V8 DOHC 4v	01/2009 - On	V8	95.5mm x 87.7mm
VK56DE 5552cc V8 DOHC 4v	01/2004 - On	V8	98.0mm x 92.0mm
VK56VD 5552cc V8 DOHC 4v	01/2010 - On	V8	98.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>8B2990A</b> STD, .25, .50, .75	<b>CONROD</b>	53.962/2.1245 53.974/2.1250	57.000/2.2441 57.013/2.2446	1.508/.0594	18.30/.721	F810	2990A IH
<b>RACE SERIES</b> <b>8B2990H</b> Std, .025, .25	<b>CONROD</b>	53.962/2.1245 53.974/2.1250	57.000/2.2441 57.013/2.2446	1.508/.0594	18.30/.721	F781	2990H IH
<b>RACE SERIES</b> <b>8B2990HX</b> Std	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.495/.0589	18.30/.721	F781	2990HX IH
<b>8B2990P</b> STD, .25, .50, .75	<b>CONROD</b>	53.962/2.1245 53.974/2.1250	57.000/2.2441 57.013/2.2446	1.500/.0591	18.30/.721	F780	2990 IH
<b>5M2995A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	63.952/2.5178 63.962/2.5182	68.944/2.7143 68.968/2.7153	2.495/.0982	20.10/.791	F810	2995A UL
<b>RACE SERIES</b> <b>5M2995H</b> Std, .025, .25	<b>MAINS</b> 1,2,3,4,5	63.952/2.5178 63.962/2.5182	68.944/2.7143 68.968/2.7153	2.495/.0982	20.10/.791	F780	2995H UL
<b>RACE SERIES</b> <b>5M2995HX</b> Std	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		2.482/.0977	20.10/.791	F780	2995HX UL
<b>5M2995P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	63.952/2.5178 63.962/2.5182	68.944/2.7143 68.968/2.7153	2.495/.0982	20.10/.791	F780	2995 UL
<b>2T2995</b> STD	<b>THRUST</b>	70.750/2.7854 71.000/2.7953	84.750/3.3366 85.000/3.3465		1.96/.077	F817	2995T UL

**36 Engine Year Cyl Bore x Stroke 36**

CA18P 1809cc Inline4 SOHC 8v	01/1985 - On	L4	83.0mm x 83.6mm
CA20P 1974cc Inline4 SOHC 2v	01/1985 - On	L4	84.5mm x 88.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B8570A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To suit 50mm shaft.</i>		1.498/.0590	20.10/.791	F810	8570A IH
<b>5M1633A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>Plain bearings 20mm wide.</i>		1.830/.0720	20.00/.787	F810	1633A UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL





36 Continued ...							36	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>5M1633H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/.0719	20.00/.787	F780	1633H UL	
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL	
<b>RACE SERIES</b> <b>5M1633HX</b> STD	<b>MAINS</b> 1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>			1.814/.0714	20.00/.787	F780	1633HX UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL	
<b>5M1633P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>Plain bearings 20mm wide.</i>			1.830/.0720	20.00/.787	F780	1633 UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL	
<b>5M8572A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	<i>Plain bearings 22.1mm wide.</i>			1.829/.0720	22.10/.870	F810	8572A UL
	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL	

37 Engine				Year	Cyl	Bore x Stroke	37
CG10DE 998cc Inline4 DOHC 4v				08/1992 - 10/2002	L4	71.0mm x 63.0mm	
CG13DE 1275cc Inline4 DOHC 4v				08/1992 - 07/2000	L4	71.0mm x 80.5mm	
CGA3DE 1348cc Inline4 DOHC 4v				07/2000 - 10/2002	L4	72.0mm x 82.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2660A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	39.961/1.5733 39.974/1.5738	43.000/1.6929 43.013/1.6934	1.508/.0594	15.00/.591	F810	2660A IH
	<b>MAINS</b> 1,2,3,4,5		49.000/1.9291 49.013/1.9296	2.010/.0791	16.00/.630	F810	2665A UL
<b>1T2665</b> STD	<b>THRUST</b>	51.000/2.0079 51.250/2.0177	60.000/2.3622 60.250/2.3720		1.97/.078	F817	2665T IH

38 Engine				Year	Cyl	Bore x Stroke	38
D11 1138cc Inline4 OHV 2v				01/1966 - 12/1978	L4	73.0mm x 68.0mm	
D12 1189cc Inline4 OHV 2v				10/1968 - 08/1970	L4	73.0mm x 71.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2941A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	43.960/1.7307 43.980/1.7315	47.000/1.8504 47.020/1.8512	1.505/.0593	25.10/.988	F810	2941A IH
	<b>MAINS</b> 1,3	52.290/2.0587 52.300/2.0591	56.000/2.2047 56.030/2.2059	1.840/.0724	30.10/1.185	F810	2932A IH
<b>3M2932A</b> STD, .25, .50, .75, 1.00	2	52.290/2.0587 52.300/2.0591	56.000/2.2047 56.030/2.2059	1.840/.0724	34.10/1.343	F810	2933A IH
	<b>THRUST</b>	56.261/2.2150 56.515/2.2250	69.596/2.7400 69.850/2.7500		2.36/.093	F1	4302T UL

39 Engine		Year		Cyl	Bore x Stroke	39	
LD23 2283cc Inline4 SOHC 2v Diesel		01/1983 - On		L4	87.0mm x 96.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1297A</b> STD, .25, .50, .75, 1.00				1.497/.0589	25.10/.988	F810	1297A IH
<b>MAINS</b>							
<b>5M1298A</b> STD, .25, .50, .75, 1.00				1.830/.0720	20.00/.787	F810	1298A UL
				1.830/.0720	22.00/.866	F810	1299A UL
<b>THRUST</b>							
<b>2T1298</b> STD, .125, .25					2.00/.079	F817	1298T UL
40 Engine		Year		Cyl	Bore x Stroke	40	
VH41 4130cc V8 DOHC 4v		01/1991 - 12/2001		V8	93.0mm x 76.0mm		
VH45 4494cc V8 DOHC 4v		01/1989 - 12/2002		V8	92.0mm x 83.7mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B2570P</b> STD, .25			55.013/2.1659	1.509/.0594	18.20/.717	F780	2570 UL
<b>MAINS</b>							
<b>5M2597P</b> STD, .25				2.496/.0983	20.00/.787	F780	2597 UL
				2.496/.0983	22.30/.878	F780	2598 UL
				2.496/.0983	21.30/.839	F780	2599 UL
<b>THRUST</b>							
<b>2T2597</b> STD		70.500/2.7756 70.750/2.7854	85.000/3.3465 85.250/3.3563		1.95/.077	F817	2597T UL
<b>PISTON PIN BUSH</b> <i>Set contains 8 pieces.</i>							
<b>8RB4279</b> UNB						F100	8RB4279
<b>PISTON PIN BUSH</b>							
<b>RB4279</b> UNB						F100	RB4279
41 Engine		Year		Cyl	Bore x Stroke	41	
H4M 1598cc Inline4 DOHC 4v		04/2009 - On		L4	78.0mm x 83.6mm		
HR15DE 1498cc Inline4 DOHC 4v		09/2004 - On		L4	78.0mm x 78.4mm		
HR16DE 1598cc Inline4 DOHC 4v		07/2005 - On		L4	78.0mm x 83.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2634A</b> STD, .25, .50, .75, 1.00			43.000/1.6929 43.020/1.6937	1.510/.0594	15.00/.591	F810	2634A IH
<b>MAINS</b>							
<b>5M2635A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5		51.997/2.0471 52.020/2.0480	2.005/.0789	16.00/.630	F810	2635A UL
<b>THRUST</b>							
<b>1T2635</b> STD	4		73.750/2.9035 74.000/2.9134		1.96/.077	F817	2635T IH



42 Engine				Year	Cyl	Bore x Stroke	42
VQ40DE 3954cc V6 DOHC 4v				01/2005 - On	V6	95.5mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2538P</b> STD, .25, .50, .75, 1.00			56.980/2.2433 57.000/2.2441	1.505/.0593	17.10/.673	F780	2538 IH
<b>MAINS</b> <i>Two slots and one hole in upper, plain lower.</i>							
<b>4M2539A</b> STD, .25, .50, .75, 1.00	1,2,3,4			2.506/.0987	20.10/.791	F810	2539A UL
<b>THRUST</b>							
<b>1T2539</b> STD			76.800/3.0236		2.20/.087	F817	2539T IH
43 Engine				Year	Cyl	Bore x Stroke	43
TB48DE 4759cc Inline6 DOHC 4v				10/2001 - On	L6	99.5mm x 102.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2955A</b> STD, .25, .50, .75		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.517/.0597	26.10/1.028	F810	2955A IH
<b>RACE SERIES CONROD</b>							
<b>6B2955H</b> STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.512/.0595	26.10/1.028	F781	2955H IH
<b>RACE SERIES CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>6B2955HX</b> STD		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.499/.0590	26.10/1.028	F781	2955HX IH
<b>CONROD</b>							
<b>6B2955P</b> STD, .25, .50, .75		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.517/.0597	26.10/1.028	F780	2955 IH
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4273</b> UNB				1.540/.0606	25.50/1.004	F100	6RB4273
<b>PISTON PIN BUSH</b>							
<b>RB4273</b> UNB				1.540/.0606	25.50/1.004	F100	RB4273
44 Engine				Year	Cyl	Bore x Stroke	44
VQ35DE 3498cc V6 DOHC 4v				02/2003 - On	V6	95.5mm x 81.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2640A</b> STD, .25, .50, .75		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/.0591	17.00/.669	F810	2640A IH
<b>RACE SERIES CONROD</b>							
<b>6B2640H</b> STD, .025, .25		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/.0591	17.00/.669	F781	2640H IH
<b>RACE SERIES CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>6B2640HX</b> STD		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.489/.0586	17.00/.669	F781	2640HX IH
<b>CONROD</b>							
<b>6B2640P</b> STD, .25, .50, .75		51.956/2.0455 51.975/2.0463	55.000/2.1654 55.013/2.1659	1.502/.0591	17.00/.669	F780	2640 IH
<b>MAINS</b>							
<b>4M2633A</b> STD, .25, .50, .75, 1.00	1,2,3,4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.140/.0843	20.12/.792	F810	2633A UL
<b>MAINS</b> <i>This set includes 2T2633-STD for all sizes.</i>							
<b>4M2633A+4T</b> STD, .25, .50	1,2,3,4	66.500/2.6181 66.700/2.6260 59.951/2.3603 59.975/2.3612	79.250/3.1201 79.500/3.1299 63.993/2.5194 64.017/2.5203	2.140/.0843	1.94/.076 20.12/.792	F817 F810	2633T UL 2633A UL





**44 Continued ... 44**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4M2633H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4	59.951/2.3603 59.975/2.3612	63.993/2.5194 64.017/2.5203	2.009/.0791	20.12/.792	F780	2633H UL
<b>RACE SERIES</b> <b>4M2633HX</b> STD	<b>MAINS</b> 1,2,3,4	<i>0.001" extra oil clearance on STD journal.</i>		1.996/.0786	20.12/.792	F780	2633HX UL
<b>4M2633P</b> .25, .50, .75	<b>MAINS</b> 1,2,3,4	<i>Grind journal to give clearance of 0.035-0.053mm.</i>		2.140/.0843	20.12/.792	F780	2633 UL
<b>2T2633</b> STD	<b>THRUST</b>	66.500/2.6181 66.700/2.6260	79.250/3.1201 79.500/3.1299		1.94/.076	F817	2633T UL
<b>6RB4128</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set contains 6 pieces.</i>		1.800/.0709	25.50/1.004	F100	6RB4128
<b>RB4128</b> UNB	<b>PISTON PIN BUSH</b>		25.980/1.0228 26.000/1.0236	1.800/.0709	25.50/1.004	F100	RB4128

**45 Engine Year Cyl Bore x Stroke 45**

TD42T 4169cc Inline6 OHV 2v Turbo Diesel 01/1996 - On L6 96.0mm x 96.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>6B2966H</b> STD, .025, .25	<b>CONROD</b>	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH
<b>RACE SERIES</b> <b>6B2966HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.497/.0589	26.10/1.028	F781	2966HX IH
<b>6B2966P</b> STD, .25, .50, .75	<b>CONROD</b>	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F780	2966 IH
<b>RACE SERIES</b> <b>7M2965H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL
<b>RACE SERIES</b> <b>7M2965HX</b> STD	<b>MAINS</b> 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		1.997/.0786	26.00/1.024	F780	2965HX UL
<b>7M2965P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F780	2965 UL
<b>2T1367</b> STD	<b>THRUST</b>	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900		2.32/.092	F817	1367T UL
<b>7C4065</b> STD	<b>CAMS</b>	50.140/1.9740 50.140/1.9740	53.230/2.0957 53.230/2.0957 52.600/2.0709	1.520/.0598 1.520/.0598	22.00/.866 22.00/.866	F830 F23	4058 4066
		49.940/1.9661 49.940/1.9661	53.030/2.0878 53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
		50.340/1.9819 50.340/1.9819	53.430/2.1035 53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
		50.540/1.9898 50.540/1.9898	53.630/2.1114 53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
		50.740/1.9976 50.740/1.9976	53.830/2.1193 53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
			52.800/2.0787	1.520/.0598	22.00/.866	F23	4065





45 Continued ...								45
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4112</b> UNB				1.525/.0600	32.80/1.291	F100	6RB4112	
	<b>PISTON PIN BUSH</b>							
<b>RB4112</b> UNB				1.525/.0600	32.80/1.291	F100	RB4112	
46 Engine				Year	Cyl	Bore x Stroke	46	
ED6 5654cc Inline6 2v Diesel				01/1973 - 04/1983	L6			
FD6 5654cc Inline6 2v Diesel				01/1973 - 12/1990	L6			
FD6-T 5654cc Inline6 2v Turbo Diesel				01/1973 - 12/1989	L6			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>CONROD</b>							
<b>6B2776P</b> STD, .25, .50, .75, 1.00		61.920/2.4378 61.945/2.4388	65.980/2.5976 66.000/2.5984	1.998/.0787	32.00/1.260	F780	2776 IH	
	<b>THRUST</b>							
<b>2T2775</b> STD		86.000/3.3858 86.000/3.3858	101.800/4.0079 101.800/4.0079		3.00/.118	F100	2775T UL	
47 Engine				Year	Cyl	Bore x Stroke	47	
FJ20E 1990cc Inline4 DOHC 4v				01/1982 - 12/1988	L4	89.0mm x 80.0mm		
FJ20-ET 1990cc Inline4 DOHC 4v Turbo				01/1982 - 12/1984	L4	89.0mm x 80.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>CONROD</b>							
<b>4B1171A</b> STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH	
	<b>MAINS</b>							
<b>5M1224A</b> STD, .25	1,5	54.940/2.1630 54.955/2.1636		1.827/.0719	26.10/1.028	F810	1224A UL	
	2,4	54.940/2.1630 54.955/2.1636		1.827/.0719	24.10/.949	F810	1225A UL	
	3	54.940/2.1630 54.955/2.1636		1.827/.0719	26.95/1.061	F810	1226A(F) UL	
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4268</b> UNB			24.700/.9724	1.380/.0543	23.60/.929	F100	4RB4268	
	<b>PISTON PIN BUSH</b>							
<b>RB4268</b> UNB		21.990/.8657 22.000/.8661	24.700/.9724	1.380/.0543	23.60/.929	F100	RB4268	
48 Engine				Year	Cyl	Bore x Stroke	48	
RB20DE 1998cc Inline6 DOHC 4v				01/1985 - 12/1995	L6	78.0mm x 69.7mm		
RB20DET 1998cc Inline6 DOHC 4v Turbo				01/1984 - 12/1993	L6	78.0mm x 70.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>CONROD</b>							
<b>6B2630A</b> STD, .25, .50, .75		44.956/1.7699 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.502/.0591	17.00/.669	F810	2630A IH	
<b>RACE SERIES</b> <b>6B2630H</b> STD, .025, .25		44.956/1.7699 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.502/.0591	17.00/.669	F781	2630H IH	
<b>RACE SERIES</b> <b>6B2630HX</b> STD		44.958/1.7700 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.489/.0586	17.00/.669	F781	2630HX IH	
	<b>CONROD</b>		<i>Grind journal to give clearance 0.034-0.059mm.</i>					
<b>6B2630P</b> STD, .25, .50, .75		44.956/1.7699 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.502/.0591	17.00/.669	F780	2630 IH	

48 Continued ...							48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M2394A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F810	2394A UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F810	2395A(F) UL
<b>RACE SERIES</b> <b>7M2394H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	19.12/.753	F780	2394H UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	26.95/1.061	F780	2395H(F) UL
<b>RACE SERIES</b> <b>7M2394HX</b> STD	<b>MAINS</b> 1,2,3,4,5,6	<i>0.001" extra oil clearance on STD journal.</i> 54.951/2.1634 54.975/2.1644		1.814/.0714	19.12/.753	F780	2394HX UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	26.95/1.061	F780	2395HX(F) UL
<b>7M2394P</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F780	2394 UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F780	2395(F) UL
<b>6RB4074</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	<b>PISTON PIN BUSH</b> <i>Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

49 Engine		Year	Cyl	Bore x Stroke	49		
CA16DE 1598cc Inline4 DOHC 4v		01/1979 - 01/1992	L4	78.0mm x 83.6mm			
CA18DE 1809cc Inline4 DOHC 4v		01/1988 - 12/1991	L4	83.0mm x 83.6mm			
CA18DET 1809cc Inline4 DOHC 4v Turbo		01/1988 - 12/1991	L4	83.0mm x 83.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1630A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b> <i>To suit 45mm shaft.</i>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F810	1630A IH
	<b>RACE SERIES</b> <b>4B1630H</b> STD, .025, .25, .50	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.505/.0593	18.60/.732	F781	1630H IH
<b>RACE SERIES</b> <b>4B1630HX</b> STD	<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.492/.0587	18.60/.732	F781	1630HX IH
	<b>CONROD</b> <i>To suit 45mm shaft.</i>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.013/1.8903	1.508/.0594	18.60/.732	F780	1630 IH
<b>5M1633A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F810	1633A UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
<b>RACE SERIES</b> <b>5M1633H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.827/.0719	20.00/.787	F780	1633H UL
	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.832/.0721	27.95/1.100	F780	1635H(F) UL
<b>RACE SERIES</b> <b>5M1633HX</b> STD	<b>MAINS</b> 1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i> 52.951/2.0847 52.964/2.0852		1.814/.0714	20.00/.787	F780	1633HX UL





49 Continued ...							49
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1633HX</b> STD	3	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F) UL
<b>MAINS</b>		<i>Plain bearings 20mm wide.</i>					
<b>5M1633P</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847 52.964/2.0852	56.654/2.2305 56.667/2.2310	1.830/.0720	20.00/.787	F780	1633 UL
	3	52.951/2.0847 52.964/2.0852	56.667/2.2310 56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
<b>MAINS</b>		<i>Plain bearings 22.1mm wide.</i>					
<b>5M8572A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	22.10/.870	F810	8572A UL
	3	52.950/2.0846 52.967/2.0853	56.660/2.2307 56.680/2.2315	1.829/.0720	27.95/1.100	F810	8573A(F) UL
<b>PISTON PIN BUSH</b>		<i>Set of 4. Suits 20mm shaft.</i>					
<b>4RB4265</b> UNB			22.987/.9050 23.000/.9055	1.530/.0602	20.80/.819	F100	4RB4265
<b>PISTON PIN BUSH</b>		<i>Suits 20mm shaft.</i>					
<b>RB4265</b> UNB			22.987/.9050 23.000/.9055	1.530/.0602	20.80/.819	F100	RB4265

50 Engine				Year	Cyl	Bore x Stroke	50
VG33E 3275cc V6 SOHC 2v				01/1996 - On	V6	92.0mm x 83.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2390A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F810	2390A IH
<b>RACE SERIES</b> <b>6B2390H</b> STD, .025, .25, .50	<b>CONROD</b>	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.503/.0592	17.10/.673	F781	2390H IH
<b>RACE SERIES</b> <b>6B2390HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.490/.0587	17.10/.673	F781	2390HX IH
<b>6B2390P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	49.961/1.9670 49.974/1.9675	53.000/2.0866 53.011/2.0870	1.506/.0593	17.10/.673	F780	2390 IH
<b>RACE SERIES</b> <b>4M2737H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	22.50/.886	F780	2739H UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	19.00/.748	F780	2737H UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.830/.0720	28.85/1.136	F780	2738H(F) UL
<b>RACE SERIES</b> <b>4M2737HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>					
	1	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	22.50/.886	F780	2739HX UL
	2,3	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	19.00/.748	F780	2737HX UL
	4	62.951/2.4784 62.974/2.4793	66.645/2.6238 66.672/2.6249	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
<b>4M2777P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Single oil hole in upper shell. Std width flanges for all sizes.</i>					
	1		66.645/2.6238 66.658/2.6243	1.830/.0720	22.50/.886	F780	2777 UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F780	2778 UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.85/1.136	F780	2779(F) UL

**50 Continued ... 50**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Alternative to 4M2777A with overwidth flanges on undersizes: Std=Std, .25=Std+0.10, .50=Std+0.18, .75=Std+.26, 1.00=Std+0.34</i>							
<b>4M2780A</b> .25, .50, .75, 1.00	1		66.645/2.6238 66.658/2.6243	1.821/.0717	22.50/.886	F810	2777A UL
	2,3		66.645/2.6238 66.658/2.6243	1.830/.0720	19.00/.748	F810	2778A UL
	4		66.645/2.6238 66.658/2.6243	1.830/.0720	28.95/1.140	F810	2780A(F) UL

**51 Engine Year Cyl Bore x Stroke 51**  
**TD23 2289cc Inline4 OHV 2v Diesel 01/1982 - 12/1986 L4 89.0mm x 92.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2948A</b> STD, .25, .50, .75, 1.00		52.910/2.0831 52.926/2.0837	59.987/2.3617 56.010/2.2051	1.513/.0596	26.10/1.028	F810	2948A IH
<b>MAINS</b>							
<b>5M2965A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.013/.0793	26.00/1.024	F810	2965A UL
		70.920/2.7921	75.000/2.9528				
<b>RACE SERIES</b>							
<b>MAINS</b>							
<b>5M2965H</b> STD, .025, .25	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.010/.0791	26.00/1.024	F780	2965H UL
		70.920/2.7921	75.000/2.9528				
<b>RACE SERIES</b>							
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M2965HX</b> STD	1,2,3,4,5	70.907/2.7916	74.981/2.9520	1.997/.0786	26.00/1.024	F780	2965HX UL
		70.920/2.7921	75.000/2.9528				
<b>THRUST</b>							
<b>2T1367</b> STD		78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL
		78.870/3.1051	93.726/3.6900				
<b>CAMS</b>							
<b>5C4055</b> STD	1	50.740/1.9976 50.740/1.9976	53.830/2.1193 53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
	2	50.540/1.9898 50.540/1.9898	53.630/2.1114 53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
	3	50.340/1.9819 50.340/1.9819	53.430/2.1035 53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
	4	50.140/1.9740 50.140/1.9740	53.230/2.0957 53.230/2.0957	1.520/.0598	22.00/.866	F830	4058
	5	49.940/1.9661 49.940/1.9661	53.030/2.0878 53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4282</b> UNB			29.000/1.1417	1.525/.0600	33.00/1.299	F100	4RB4282
<b>PISTON PIN BUSH</b>							
<b>RB4282</b> UNB			29.000/1.1417	1.525/.0600	33.00/1.299	F100	RB4282

**52 Engine Year Cyl Bore x Stroke 52**  
**SD20 1991cc Inline4 SOHC 2v Diesel 01/1963 - 06/1983 L4 83.0mm x 92.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1366A</b> STD, .25, .50, .75, 1.00, 1.25		52.913/2.0832 52.926/2.0837	55.987/2.2042 56.000/2.2047	1.513/.0596	26.04/1.025	F810	1366A IH
	<b>MAINS</b> <i>3 main set.</i>						
<b>3M1367A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3	70.907/2.7916	74.981/2.9520	2.015/.0793	31.87/1.255	F810	1367A UL
		70.920/2.7921	75.000/2.9528				
<b>MAINS</b>							
<b>5M1369A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.015/.0793	26.00/1.024	F810	1369A IH
		70.920/2.7921	75.000/2.9528				





52 Continued ...								52
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2T1367</b> STD	<b>THRUST</b>	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T	
		78.870/3.1051	93.726/3.6900				UL	
<b>3C4036</b> STD	<b>CAMS</b>	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
			45.447/1.7892	48.666/1.9160				
		2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
			43.910/1.7287	47.142/1.8560				
		3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
41.231/1.6233	44.450/1.7500							
<b>4RB4081</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			1.650/.0650	32.00/1.260	F100	4RB4081
<b>4RB4096</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			1.840/.0724	30.00/1.181	F100	4RB4096
		26.000/1.0236	29.000/1.1417	29.020/1.1425				
<b>RB4081</b> UNB	<b>PISTON PIN BUSH</b>				1.650/.0650	32.00/1.260	F100	RB4081
<b>RB4096</b> UNB	<b>PISTON PIN BUSH</b>				1.840/.0724	30.00/1.181	F100	RB4096
		26.000/1.0236	29.000/1.1417	29.020/1.1425				

53 Engine		Year		Cyl	Bore x Stroke		53	
SD22 2164cc Inline4 OHV 2v Diesel		01/1962 - 01/1997		L4	83.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1366A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	52.913/2.0832	55.987/2.2042	1.513/.0596	26.04/1.025	F810	1366A	
		52.926/2.0837	56.000/2.2047				IH	
<b>3M1367A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>3 main set.</i>		2.015/.0793	31.87/1.255	F810	1367A	
		1,2,3	70.907/2.7916					74.981/2.9520
<b>5M1369A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.015/.0793	26.00/1.024	F810	1369A
			70.920/2.7921	75.000/2.9528				IH
<b>2T1367</b> STD	<b>THRUST</b>	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T	
		78.870/3.1051	93.726/3.6900				UL	
<b>3C4036</b> STD	<b>CAMS</b>	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
			45.447/1.7892	48.666/1.9160				
		2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
			43.910/1.7287	47.142/1.8560				
		3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
41.231/1.6233	44.450/1.7500							
<b>4RB4081</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			1.650/.0650	32.00/1.260	F100	4RB4081
<b>RB4081</b> UNB	<b>PISTON PIN BUSH</b>				1.650/.0650	32.00/1.260	F100	RB4081

54 Engine		Year		Cyl	Bore x Stroke		54	
SD23 2289cc Inline4 OHV 2v Diesel		08/1980 - 08/1988		L4	89.0mm x 92.0mm			
SD25 2488cc Inline4 OHV 2v Diesel		08/1980 - 01/1997		L4	89.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1366A</b> STD, .25, .50, .75, 1.00, 1.25		52.913/2.0832	55.987/2.2042	1.513/.0596	26.04/1.025	F810	1366A IH	
		52.926/2.0837	56.000/2.2047					
<b>MAINS</b>								
<b>5M1369A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.015/.0793	26.00/1.024	F810	1369A IH	
		70.920/2.7921	75.000/2.9528					
<b>THRUST</b>								
<b>2T1367</b> STD		78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
<b>CAMS</b>								
<b>3C4036</b> STD	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036	
		45.447/1.7892	48.666/1.9160					
		2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
			43.910/1.7287	47.142/1.8560				
3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038		
	41.231/1.6233	44.450/1.7500						
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4081</b> UNB				1.650/.0650	32.00/1.260	F100	4RB4081	
<b>PISTON PIN BUSH</b>								
<b>RB4081</b> UNB				1.650/.0650	32.00/1.260	F100	RB4081	
<b>55 Engine</b>		<b>Year</b>		<b>Cyl</b>	<b>Bore x Stroke</b>		<b>55</b>	
SD33 3246cc Inline6 OHV 2v Diesel		01/1966 - 12/1988		L6	83.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b>								
<b>4M1367A</b> STD, .25, .50, .75, 1.00	1,2,3,4	70.907/2.7916	74.981/2.9520	2.015/.0793	31.87/1.255	F810	1367A UL	
		70.920/2.7921	75.000/2.9528					
<b>THRUST</b>								
<b>2T1367</b> STD		78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
<b>CAMS</b>								
<b>4C4036</b> STD	1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036	
		45.447/1.7892	48.666/1.9160					
	2,3	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037	
		43.910/1.7287	47.142/1.8560					
4	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038		
	41.231/1.6233	44.450/1.7500						
<b>CAMS</b>								
<b>4C4042</b> STD	1	51.390/2.0232	54.410/2.1421	1.495/.0589	24.25/.955	F820	4042	
		51.400/2.0236	54.430/2.1429					
	2	51.190/2.0154	54.210/2.1342	1.495/.0589	22.25/.876	F820	4043	
		51.200/2.0157	54.230/2.1350					
3	50.990/2.0075	54.010/2.1264	1.495/.0589	22.25/.876	F820	4044		
	51.000/2.0079	54.030/2.1272						
4	50.790/1.9996	53.810/2.1185	1.495/.0589	24.25/.955	F820	4045		
	50.800/2.0000	53.830/2.1193						
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>								
<b>6RB4096</b> UNB		26.000/1.0236	29.000/1.1417 29.020/1.1425	1.840/.0724	30.00/1.181	F100	6RB4096	
<b>PISTON PIN BUSH</b>								
<b>RB4096</b> UNB		26.000/1.0236	29.000/1.1417 29.020/1.1425	1.840/.0724	30.00/1.181	F100	RB4096	



56 Engine		Year		Cyl	Bore x Stroke		56	
SD33T 3246cc Inline6 OHV 2v Turbo Diesel		08/1983 - 12/1988		L6	83.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4M1367A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4	70.907/2.7916	74.981/2.9520	2.015/.0793	31.87/1.255	F810	1367A UL	
		70.920/2.7921	75.000/2.9528					
<b>2T1367</b> STD	<b>THRUST</b>	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
<b>4C4042</b> STD	<b>CAMS</b>	1	51.390/2.0232	54.410/2.1421	1.495/.0589	24.25/.955	F820	4042
			51.400/2.0236	54.430/2.1429				
		2	51.190/2.0154	54.210/2.1342	1.495/.0589	22.25/.876	F820	4043
			51.200/2.0157	54.230/2.1350				
		3	50.990/2.0075	54.010/2.1264	1.495/.0589	22.25/.876	F820	4044
			51.000/2.0079	54.030/2.1272				
		4	50.790/1.9996	53.810/2.1185	1.495/.0589	24.25/.955	F820	4045
			50.800/2.0000	53.830/2.1193				
<b>6RB4096</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 6.</i>	26.000/1.0236	29.000/1.1417	1.840/.0724	30.00/1.181	F100	6RB4096	
			29.020/1.1425					
<b>RB4096</b> UNB	<b>PISTON PIN BUSH</b>	26.000/1.0236	29.000/1.1417	1.840/.0724	30.00/1.181	F100	RB4096	
			29.020/1.1425					

57 Engine		Year		Cyl	Bore x Stroke		57	
TD25 2494cc Inline4 OHV 2v Diesel		01/1987 - On		L4	89.0mm x 100.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2966A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	56.913/2.2407	59.987/2.3617	1.513/.0596	26.10/1.028	F810	2966A IH	
		56.926/2.2412	60.000/2.3622					
<b>RACE SERIES</b> <b>4B2966H</b> STD, .025, .25	<b>CONROD</b>	56.913/2.2407	59.987/2.3617	1.510/.0594	26.10/1.028	F781	2966H IH	
		56.926/2.2412	60.000/2.3622					
<b>RACE SERIES</b> <b>4B2966HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.497/.0589	26.10/1.028	F781	2966HX IH	
		56.913/2.2407	59.987/2.3617					
<b>5M2965A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.013/.0793	26.00/1.024	F810	2965A UL	
		70.920/2.7921	75.000/2.9528					
<b>RACE SERIES</b> <b>5M2965H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	70.907/2.7916	74.981/2.9520	2.010/.0791	26.00/1.024	F780	2965H UL	
		70.920/2.7921	75.000/2.9528					
<b>RACE SERIES</b> <b>5M2965HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.997/.0786	26.00/1.024	F780	2965HX UL	
		70.907/2.7916	74.981/2.9520					
<b>2T1367</b> STD	<b>THRUST</b>	78.610/3.0949	93.472/3.6800		2.32/.092	F817	1367T UL	
		78.870/3.1051	93.726/3.6900					
<b>5C4055</b> STD	<b>CAMS</b>	1	50.740/1.9976	53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
			50.740/1.9976	53.830/2.1193				
		2	50.540/1.9898	53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
			50.540/1.9898	53.630/2.1114				
		3	50.340/1.9819	53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
			50.340/1.9819	53.430/2.1035				
		4	50.140/1.9740	53.230/2.0957	1.520/.0598	22.00/.866	F830	4058
			50.140/1.9740	53.230/2.0957				
		5	49.940/1.9661	53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
			49.940/1.9661	53.030/2.0878				





**57 Continued ... 57**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4101</b> UNB			31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	4RB4101
<b>PISTON PIN BUSH</b>							
<b>RB4101</b> UNB			31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	RB4101

**58 Engine Year Cyl Bore x Stroke 58**

TD27 2663cc Inline4 OHV 2v Diesel	05/1982 - 12/2001	L4	96.0mm x 92.0mm
TD27T 2663cc Inline4 SOHC 2v Turbo Diesel	10/1988 - On	L4	96.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2966A</b> STD, .25, .50, .75, 1.00		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F810	2966A IH
<b>RACE SERIES</b>							
<b>4B2966H</b> STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH
<b>RACE SERIES</b>							
<b>4B2966HX</b> STD		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.497/.0589	26.10/1.028	F781	2966HX IH
<b>MAINS</b>							
<b>5M2965A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F810	2965A UL
<b>RACE SERIES</b>							
<b>5M2965H</b> STD, .025, .25	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL
<b>RACE SERIES</b>							
<b>5M2965HX</b> STD	1,2,3,4,5	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	1.997/.0786	26.00/1.024	F780	2965HX UL
<b>THRUST</b>							
<b>2T1367</b> STD		78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900		2.32/.092	F817	1367T UL
<b>CAMS</b>							
<b>5C4055</b> STD	1	50.740/1.9976 50.740/1.9976	53.830/2.1193 53.830/2.1193	1.520/.0598	20.50/.807	F830	4055
	2	50.540/1.9898 50.540/1.9898	53.630/2.1114 53.630/2.1114	1.520/.0598	22.00/.866	F830	4056
	3	50.340/1.9819 50.340/1.9819	53.430/2.1035 53.430/2.1035	1.520/.0598	22.00/.866	F830	4057
	4	50.140/1.9740 50.140/1.9740	53.230/2.0957 53.230/2.0957	1.520/.0598	22.00/.866	F830	4058
	5	49.940/1.9661 49.940/1.9661	53.030/2.0878 53.030/2.0878	1.520/.0598	22.00/.866	F830	4059
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4112</b> UNB				1.525/.0600	32.80/1.291	F100	4RB4112
<b>PISTON PIN BUSH</b>							
<b>RB4112</b> UNB				1.525/.0600	32.80/1.291	F100	RB4112

**59 Engine Year Cyl Bore x Stroke 59**

TD42 4169cc Inline6 OHV 2v Diesel	10/1987 - On	L6	96.0mm x 96.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>6B2966H</b> STD, .025, .25		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.510/.0594	26.10/1.028	F781	2966H IH





59 Continued ...							59	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>6B2966HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>						
		56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.497/.0589	26.10/1.028	F781	2966HX IH	
<b>6B2966P</b> STD, .25, .50, .75	<b>CONROD</b>	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.513/.0596	26.10/1.028	F780	2966 IH	
<b>RACE SERIES</b> <b>7M2965H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.010/.0791	26.00/1.024	F780	2965H UL	
<b>RACE SERIES</b> <b>7M2965HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	1.997/.0786	26.00/1.024	F780	2965HX UL	
<b>7M2965P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	70.907/2.7916 70.920/2.7921	74.981/2.9520 75.000/2.9528	2.013/.0793	26.00/1.024	F780	2965 UL	
<b>2T1367</b> STD	<b>THRUST</b>	78.610/3.0949 78.870/3.1051	93.472/3.6800 93.726/3.6900		2.32/.092	F817	1367T UL	
<b>7C4065</b> STD	<b>CAMS</b>	49.940/1.9661 49.940/1.9661 50.140/1.9740 50.140/1.9740 50.340/1.9819 50.340/1.9819 50.540/1.9898 50.540/1.9898 50.740/1.9976 50.740/1.9976	53.030/2.0878 53.030/2.0878 53.230/2.0957 53.230/2.0957 53.430/2.1035 53.430/2.1035 53.630/2.1114 53.630/2.1114 53.830/2.1193 53.830/2.1193 52.600/2.0709	1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598 1.520/.0598	22.00/.866 22.00/.866 22.00/.866 22.00/.866 20.50/.807 22.00/.866 22.00/.866	F830 F830 F830 F830 F830 F23 F23	4059 4058 4057 4056 4055 4066 4065	
<b>6RB4101</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>		31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	6RB4101
<b>6RB4112</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>			1.525/.0600	32.80/1.291	F100	6RB4112
<b>RB4101</b> UNB	<b>PISTON PIN BUSH</b>			31.000/1.2205 31.020/1.2213	1.700/.0669	32.50/1.280	F100	RB4101
<b>RB4112</b> UNB	<b>PISTON PIN BUSH</b>				1.525/.0600	32.80/1.291	F100	RB4112

60 Engine		Year	Cyl	Bore x Stroke	60		
U20 1982cc Inline4 SOHC 2v		01/1967 - 09/1970	L4	87.2mm x 83.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2751A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	51.960/2.0457 51.973/2.0462	55.000/2.1654 55.013/2.1659	1.501/.0591	24.13/.950	F810	2751A IH
<b>5M2749A</b> .25, .50, .75, 1.00	<b>MAINS</b>	<i>Has overwidth flanges for undersizes: .25=Std+.10mm, .50=Std+.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>					
	1,5	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	27.99/1.102	F810	2757A IH
	2,4	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	22.00/.866	F810	2758A IH

**60 Continued ... 60**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2749A</b> STD, .25, .50, .75, 1.00	3	62.942/2.4780	66.645/2.6238	1.959/.0771	33.95/1.337	F810	2749A(F) IH
		62.955/2.4785	66.658/2.6243				
<b>5M2757A</b> STD, .25, .50, .75, 1.00, 1.25	MAINS 1,5	62.942/2.4780	66.645/2.6238	1.834/.0722	27.99/1.102	F810	2757A IH
		62.955/2.4785	66.658/2.6243				
	2,4	62.942/2.4780	66.645/2.6238	1.834/.0722	22.00/.866	F810	2758A IH
		62.955/2.4785	66.658/2.6243				
	3	62.942/2.4780	66.645/2.6238	1.834/.0722	33.95/1.337	F810	2759A(F) IH
		62.955/2.4785	66.658/2.6243				
<b>3C4036</b> STD	CAMS 1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
		45.447/1.7892	48.666/1.9160				
	2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
		43.910/1.7287	47.142/1.8560				
	3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
41.231/1.6233	44.450/1.7500						

**61 Engine Year Cyl Bore x Stroke 61**  
VE30DE 2960cc V6 DOHC 4v 07/1991 - 02/1994 V6 87.0mm x 83.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.					
<b>RACE SERIES</b> <b>6B2390H</b> STD, .025, .25, .50	CONROD	49.961/1.9670	53.000/2.0866	1.503/.0592	17.10/.673	F781	2390H IH					
		49.974/1.9675	53.011/2.0870									
<b>RACE SERIES</b> <b>6B2390HX</b> STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.490/.0587	17.10/.673	F781	2390HX IH					
		49.961/1.9670	53.000/2.0866									
<b>6B2390P</b> STD, .25, .50, .75, 1.00	CONROD	49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F780	2390 IH					
		49.974/1.9675	53.011/2.0870									
<b>RACE SERIES</b> <b>4M2737H</b> STD, .025, .25, .50	MAINS	<i>Upper shell has five oil holes.</i>		1.830/.0720	22.50/.886	F780	2739H UL					
		1	62.951/2.4784					66.645/2.6238				
			62.974/2.4793					66.672/2.6249				
		2,3	62.951/2.4784					66.645/2.6238	1.830/.0720	19.00/.748	F780	2737H UL
			62.974/2.4793					66.672/2.6249				
		4	62.951/2.4784					66.645/2.6238	1.830/.0720	28.85/1.136	F780	2738H(F) UL
62.974/2.4793	66.672/2.6249											
<b>RACE SERIES</b> <b>4M2737HX</b> STD	MAINS	<i>0.001" extra oil clearance on STD journal. Upper shell has five oil holes.</i>		1.817/.0715	22.50/.886	F780	2739HX UL					
		1	62.951/2.4784					66.645/2.6238				
			62.974/2.4793					66.672/2.6249				
		2,3	62.951/2.4784					66.645/2.6238	1.817/.0715	19.00/.748	F780	2737HX UL
			62.974/2.4793					66.672/2.6249				
		4	62.951/2.4784					66.645/2.6238	1.817/.0715	28.85/1.136	F780	2738HX(F) UL
62.974/2.4793	66.672/2.6249											
<b>4M2737P</b> STD, .25, .50, .75, 1.00	MAINS	<i>Upper shell has five oil holes.</i>		1.830/.0720	22.50/.886	F780	2739 UL					
		1	62.951/2.4784					66.645/2.6238				
			62.974/2.4793					66.672/2.6249				
		2,3	62.951/2.4784					66.645/2.6238	1.830/.0720	19.00/.748	F780	2737 UL
			62.974/2.4793					66.672/2.6249				
		4	62.951/2.4784					66.645/2.6238	1.830/.0720	28.85/1.136	F780	2738(F) UL
62.974/2.4793	66.672/2.6249											

**62 Engine Year Cyl Bore x Stroke 62**  
TB42E 4169cc Inline6 OHV 2v 01/1992 - 12/1997 L6 96.0mm x 96.0mm  
TB42S 4169cc Inline6 OHV 2v 01/1987 - 12/1997 L6 96.0mm x 96.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2955A</b> STD, .25, .50, .75	CONROD	56.913/2.2407	59.987/2.3617	1.517/.0597	26.10/1.028	F810	2955A IH
		56.926/2.2412	60.000/2.3622				



62 Continued ...							62	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>6B2955H</b> STD, .025, .25	<b>CONROD</b>	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.512/.0595	26.10/1.028	F781	2955H IH	
<b>RACE SERIES</b> <b>6B2955HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		59.987/2.3617 60.000/2.3622	1.499/.0590	26.10/1.028	F781	2955HX IH
<b>6B2955P</b> STD, .25, .50, .75	<b>CONROD</b>	56.913/2.2407 56.926/2.2412	59.987/2.3617 60.000/2.3622	1.517/.0597	26.10/1.028	F780	2955 IH	
<b>7M2953A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,5,7	70.920/2.7921	75.000/2.9528	2.007/.0790	26.00/1.024	F810	2953A UL	
		70.920/2.7921	75.020/2.9535					
	6	70.920/2.7921	75.000/2.9528	2.007/.0790	31.95/1.258	F810	2954A(F) UL	
		70.920/2.7921	75.020/2.9535					
<b>7C4067</b> STD	<b>CAMS</b>		52.800/2.0787	1.520/.0598	20.00/.787	F23	4072	
			53.000/2.0866	1.520/.0598	20.00/.787	F23	4071	
			53.200/2.0945	1.520/.0598	20.00/.787	F23	4070	
			53.400/2.1024	1.520/.0598	20.00/.787	F23	4069	
			53.600/2.1102	1.520/.0598	20.00/.787	F23	4068	
			53.800/2.1181	1.520/.0598	20.00/.787	F23	4067	
			52.600/2.0709	1.520/.0598	20.00/.787	F23	4073	
<b>6RB4273</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>		1.540/.0606	25.50/1.004	F100	6RB4273	
<b>RB4273</b> UNB	<b>PISTON PIN BUSH</b>			1.540/.0606	25.50/1.004	F100	RB4273	

63 Engine		Year		Cyl	Bore x Stroke		63	
A10 988cc Inline4 OHV 2v		01/1966 - 12/1981		L4	73.0mm x 59.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2956A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	44.961/1.7701 44.974/1.7706	48.000/1.8898 48.011/1.8902	1.504/.0592	19.55/.770	F810	2956A IH	
<b>3M2967A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b> 1,3	49.952/1.9666	53.657/2.1125	1.831/.0721	22.12/.871	F810	2967A UL	
		49.964/1.9671	53.670/2.1130					
	2	49.952/1.9666 49.964/1.9671	53.657/2.1125 53.670/2.1130	1.831/.0721	26.95/1.061	F810	2968A(F) UL	
<b>5C4146</b> STD	<b>CAMS</b>	1	43.793/1.7241 43.806/1.7246	47.010/1.8508 47.031/1.8516	1.575/.0620	23.50/.925	F820	4146
		2	43.283/1.7041 43.296/1.7046	46.500/1.8307 46.520/1.8315	1.575/.0620	14.00/.551	F820	4147
		3	42.783/1.6844 42.796/1.6849	45.999/1.8110 46.020/1.8118	1.575/.0620	14.00/.551	F820	4148
		4	42.283/1.6647 42.296/1.6652	45.499/1.7913 45.519/1.7921	1.575/.0620	14.00/.551	F820	4149
		5	41.218/1.6228 41.231/1.6233	44.435/1.7494 44.455/1.7502	1.575/.0620	13.99/.551	F820	4140



64	Engine	Year	Cyl	Bore x Stroke	64
	A12 1171cc Inline4 OHV 2v	01/1970 - 12/1986	L4	73.0mm x 70.0mm	
	A12A 1237cc Inline4 OHV 2v	01/1980 - 12/1984	L4	75.0mm x 70.0mm	
	A13 1288cc Inline4 OHV 2v	01/1974 - 12/1981	L4	73.0mm x 74.0mm	
	A14 1397cc Inline4 OHV 2v	09/1974 - 12/1984	L4	76.0mm x 77.0mm	
	A15 1488cc Inline4 OHV 2v	01/1979 - 12/1986	L4	76.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2956A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	44.961/1.7701	48.000/1.8898	1.504/.0592	19.55/.770	F810	2956A
		44.974/1.7706	48.011/1.8902				IH
<b>5M2967A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b>	49.952/1.9666	53.657/2.1125	1.831/.0721	22.12/.871	F810	2967A
		49.964/1.9671	53.670/2.1130				UL
		49.957/1.9668	53.655/2.1124	1.831/.0721	18.03/.710	F810	2969A
		49.964/1.9671	53.673/2.1131				IH
		49.952/1.9666	53.657/2.1125	1.831/.0721	26.95/1.061	F810	2968A(F)
		49.964/1.9671	53.670/2.1130				UL
<b>5C4146</b> STD	<b>CAMS</b>	43.793/1.7241	47.010/1.8508	1.575/.0620	23.50/.925	F820	4146
		43.806/1.7246	47.031/1.8516				
		43.283/1.7041	46.500/1.8307	1.575/.0620	14.00/.551	F820	4147
		43.296/1.7046	46.520/1.8315				
		42.783/1.6844	45.999/1.8110	1.575/.0620	14.00/.551	F820	4148
		42.796/1.6849	46.020/1.8118				
		42.283/1.6647	45.499/1.7913	1.575/.0620	14.00/.551	F820	4149
		42.296/1.6652	45.519/1.7921				
		41.218/1.6228	44.435/1.7494	1.575/.0620	13.99/.551	F820	4140
		41.231/1.6233	44.455/1.7502				

65	Engine	Year	Cyl	Bore x Stroke	65
	CD17 1680cc Inline4 SOHC 2v Diesel	01/1982 - 05/1988	L4	80.0mm x 83.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1630A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F810	1630A	
		44.961/1.7701	48.000/1.8898				IH	
		44.974/1.7706	48.013/1.8903					
<b>RACE SERIES</b> <b>4B1630H</b> STD, .025, .25, .50	<b>CONROD</b>	44.961/1.7701	48.000/1.8898	1.505/.0593	18.60/.732	F781	1630H	
		44.974/1.7706	48.013/1.8903				IH	
<b>RACE SERIES</b> <b>4B1630HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.492/.0587	18.60/.732	F781	1630HX	
		44.961/1.7701	48.000/1.8898				IH	
		44.974/1.7706	48.013/1.8903					
<b>4B1630P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To suit 45mm shaft.</i>		1.508/.0594	18.60/.732	F780	1630	
		44.961/1.7701	48.000/1.8898				IH	
		44.974/1.7706	48.013/1.8903					
<b>5M1633A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Plain bearings 20mm wide.</i>		1.830/.0720	20.00/.787	F810	1633A	
		1,2,4,5	52.951/2.0847	56.654/2.2305				UL
		3	52.964/2.0852	56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F)
		52.951/2.0847	56.667/2.2310				UL	
<b>RACE SERIES</b> <b>5M1633H</b> STD, .025, .25, .50	<b>MAINS</b>	1,2,4,5	52.951/2.0847	56.654/2.2305	1.827/.0719	20.00/.787	F780	1633H
			52.964/2.0852	56.667/2.2310				UL
		3	52.951/2.0847	56.654/2.2305	1.832/.0721	27.95/1.100	F780	1635H(F)
		52.964/2.0852	56.667/2.2310				UL	
<b>RACE SERIES</b> <b>5M1633HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.814/.0714	20.00/.787	F780	1633HX	
		1,2,4,5	52.951/2.0847	56.654/2.2305				UL
		3	52.964/2.0852	56.667/2.2310	1.819/.0716	27.95/1.100	F780	1635HX(F)
		52.951/2.0847	56.654/2.2305				UL	
		52.964/2.0852	56.667/2.2310					





65 Continued ...							65
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1633P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Plain bearings 20mm wide.</i>					
	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/.0720	20.00/.787	F780	1633 UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
		52.964/2.0852	56.667/2.2310				
<b>5M8572A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Plain bearings 22.1mm wide.</i>					
	1,2,4,5	52.950/2.0846	56.660/2.2307	1.829/.0720	22.10/.870	F810	8572A UL
		52.967/2.0853	56.680/2.2315				
	3	52.950/2.0846	56.660/2.2307	1.829/.0720	27.95/1.100	F810	8573A(F) UL
		52.967/2.0853	56.680/2.2315				
<b>4RB4266</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 24mm shaft.</i>					
			28.000/1.1024	2.025/.0797	24.20/.953	F100	4RB4266
<b>RB4266</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 24mm shaft.</i>					
			28.000/1.1024	2.025/.0797	24.20/.953	F100	RB4266

66 Engine				Year	Cyl	Bore x Stroke	66
CD20 1973cc Inline4 SOHC 2v Diesel				01/1990 - 12/2001	L4	84.5mm x 88.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2736A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	49.953/1.9666	53.000/2.0866	1.504/.0592	20.12/.792	F810	2736A IH
		49.961/1.9670	53.013/2.0871				
<b>5M1633A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Plain bearings 20mm wide.</i>					
	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/.0720	20.00/.787	F810	1633A UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
		52.964/2.0852	56.667/2.2310				
<b>RACE SERIES</b> <b>5M1633H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>Plain bearings 20mm wide.</i>					
	1,2,4,5	52.951/2.0847	56.654/2.2305	1.827/.0719	20.00/.787	F780	1633H UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.654/2.2305	1.832/.0721	27.95/1.100	F780	1635H(F) UL
		52.964/2.0852	56.667/2.2310				
<b>RACE SERIES</b> <b>5M1633HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,4,5	52.951/2.0847	56.654/2.2305	1.814/.0714	20.00/.787	F780	1633HX UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.654/2.2305	1.819/.0716	27.95/1.100	F780	1635HX(F) UL
		52.964/2.0852	56.667/2.2310				
<b>5M1633P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Plain bearings 20mm wide.</i>					
	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/.0720	20.00/.787	F780	1633 UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
		52.964/2.0852	56.667/2.2310				
<b>5M8572A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Plain bearings 22.1mm wide.</i>					
	1,2,4,5	52.950/2.0846	56.660/2.2307	1.829/.0720	22.10/.870	F810	8572A UL
		52.967/2.0853	56.680/2.2315				
	3	52.950/2.0846	56.660/2.2307	1.829/.0720	27.95/1.100	F810	8573A(F) UL
		52.967/2.0853	56.680/2.2315				
<b>4RB4267</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 25mm shaft.</i>					
			28.000/1.1024	1.530/.0602	24.70/.972	F100	4RB4267
<b>RB4267</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 25mm shaft.</i>					
			28.000/1.1024	1.530/.0602	24.70/.972	F100	RB4267

67 Engine		Year		Cyl	Bore x Stroke	67	
CD20-T 1973cc Inline4 SOHC 2v Turbo Diesel		01/1991 - 12/2002		L4	84.5mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2736A</b> STD, .25, .50, .75, 1.00		49.953/1.9666	53.000/2.0866	1.504/.0592	20.12/.792	F810	2736A IH
		49.961/1.9670	53.013/2.0871				
<b>MAINS</b> <i>Plain bearings 20mm wide.</i>							
<b>5M1633A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/.0720	20.00/.787	F810	1633A UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.667/2.2310	1.835/.0722	27.95/1.100	F810	1635A(F) UL
		52.964/2.0852	56.667/2.2310				
<b>RACE SERIES</b>							
<b>5M1633H</b> STD, .025, .25, .50							
<b>MAINS</b>							
	1,2,4,5	52.951/2.0847	56.654/2.2305	1.827/.0719	20.00/.787	F780	1633H UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.654/2.2305	1.832/.0721	27.95/1.100	F780	1635H(F) UL
		52.964/2.0852	56.667/2.2310				
<b>RACE SERIES</b>							
<b>5M1633HX</b> STD							
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
	1,2,4,5	52.951/2.0847	56.654/2.2305	1.814/.0714	20.00/.787	F780	1633HX UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.654/2.2305	1.819/.0716	27.95/1.100	F780	1635HX(F) UL
		52.964/2.0852	56.667/2.2310				
<b>MAINS</b> <i>Plain bearings 20mm wide.</i>							
<b>5M1633P</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.951/2.0847	56.654/2.2305	1.830/.0720	20.00/.787	F780	1633 UL
		52.964/2.0852	56.667/2.2310				
	3	52.951/2.0847	56.667/2.2310	1.835/.0722	27.95/1.100	F780	1635(F) UL
		52.964/2.0852	56.667/2.2310				
<b>MAINS</b> <i>Plain bearings 22.1mm wide.</i>							
<b>5M8572A</b> STD, .25, .50, .75, 1.00	1,2,4,5	52.950/2.0846	56.660/2.2307	1.829/.0720	22.10/.870	F810	8572A UL
		52.967/2.0853	56.680/2.2315				
	3	52.950/2.0846	56.660/2.2307	1.829/.0720	27.95/1.100	F810	8573A(F) UL
		52.967/2.0853	56.680/2.2315				

68 Engine		Year		Cyl	Bore x Stroke	68	
E1 1189cc Inline4 OHV 2v		01/1960 - 12/1965		L4	73.0mm x 71.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2636A</b> STD, 010, 020, 030, 040, 050,		47.648/1.8759	51.333/2.0210	1.824/.0718	22.09/.870	F810	2636A IH
		47.661/1.8764	51.346/2.0215				
<b>MAINS</b>							
<b>3M2215A</b> STD, 010, 020, 030, 040	1,2,3	50.813/2.0005	54.508/2.1460	1.836/.0723	31.11/1.225	F810	2215A IH
		50.825/2.0010	54.521/2.1465				
<b>CAMS</b>							
<b>3C4018</b> STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018	
	41.232/1.6233	44.450/1.7500					

69 Engine		Year		Cyl	Bore x Stroke	69	
ED30 2956cc Inline4 SOHC 2v Diesel		01/1973 - 12/1979		L4	98.0mm x 98.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2756P</b> STD, .25, .50, .75, 1.00, 1.50		59.919/2.3590	63.959/2.5181	1.998/.0787	34.00/1.339	F780	2756 IH
		59.945/2.3600	63.980/2.5189				
<b>MAINS</b>							
<b>5M2775A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	75.920/2.9890	79.980/3.1488	1.995/.0785	28.00/1.102	F810	2775A UL
		75.940/2.9898	80.000/3.1496				





69 Continued ...							69
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T2775</b> STD	<b>THRUST</b>	86.000/3.3858	101.800/4.0079		3.00/.118	F100	2775T
		86.000/3.3858	101.800/4.0079				UL
<b>3C4212</b> STD	<b>CAMS</b>	57.340/2.2575	60.400/2.3779	1.515/.0596	28.00/1.102	F23	4212
		57.340/2.2575	60.400/2.3779				
		57.140/2.2496	60.200/2.3701	1.515/.0596	26.00/1.024	F23	4213
		57.140/2.2496	60.200/2.3701				
		56.940/2.2417	60.000/2.3622	1.515/.0596	26.00/1.024	F23	4214
		56.940/2.2417	60.000/2.3622				

70 Engine				Year	Cyl	Bore x Stroke	70
L20A 1998cc Inline6 SOHC 2v				01/1981 - 12/1987	L6	78.0mm x 69.7mm	
L20E 1998cc Inline6 SOHC 2v				11/1980 - 05/1987	L6	78.0mm x 69.7mm	
L20S 1998cc Inline6 SOHC 2v				11/1980 - 05/1987	L6	78.0mm x 69.7mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1630A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F810	1630A
		44.974/1.7706	48.013/1.8903				IH
<b>6B1630P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F780	1630
		44.974/1.7706	48.013/1.8903				IH
<b>7M1172A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b>	54.942/2.1631	58.645/2.3089	1.835/.0722	26.10/1.028	F810	1172A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	24.10/.949	F810	1174A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	31.95/1.258	F810	1173A(F)
		54.955/2.1636	58.658/2.3094				UL

71 Engine				Year	Cyl	Bore x Stroke	71
L20 1998cc Inline6 SOHC 2v				01/1967 - 12/1987	L6	78.0mm x 69.7mm	
L23 2262cc Inline6 SOHC 2v				01/1967 - 12/1970	L6	83.0mm x 69.7mm	
L24 2393cc Inline6 SOHC 2v				01/1967 - 12/1986	L6	83.0mm x 73.7mm	
L24E 2393cc Inline6 SOHC 2v				01/1977 - 06/1986	L6	83.0mm x 73.7mm	
L26 2565cc Inline6 SOHC 2v				01/1966 - 12/1980	L6	83.0mm x 79.0mm	
L28 2753cc Inline6 SOHC 2v				01/1969 - 02/1988	L6	86.0mm x 79.0mm	
L28E 2753cc Inline6 SOHC 2v				01/1975 - 01/1984	L6	86.0mm x 79.0mm	
L28S 2753cc Inline6 SOHC 2v				12/1979 - 03/1983	L6	86.0mm x 79.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1171A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	49.962/1.9670	53.005/2.0868	1.506/.0593	22.10/.870	F810	1171A
		49.975/1.9675	53.013/2.0871				IH
<b>7M1172A</b> STD, .25, .50, .75, 1.00, 1.50	<b>MAINS</b>	54.942/2.1631	58.645/2.3089	1.835/.0722	26.10/1.028	F810	1172A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	24.10/.949	F810	1174A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	31.95/1.258	F810	1173A(F)
		54.955/2.1636	58.658/2.3094				UL

72 Engine				Year	Cyl	Bore x Stroke	72
H30 2974cc Inline6 SOHC 2v				01/1966 - On	L6	87.2mm x 83.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C4036</b> STD	<b>CAMS</b>	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
		45.447/1.7892	48.666/1.9160				

**72 Continued ... 72**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C4036</b> STD	2,3	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
		43.910/1.7287	47.142/1.8560				
	4	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
		41.231/1.6233	44.450/1.7500				
<b>PISTON PIN BUSH</b>							
<b>RB4028</b> UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

**73 Engine Year Cyl Bore x Stroke 73**  
H20-II 1982cc Inline4 OHV 2v 01/1966 - On L4 87.2mm x 83.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>To suit 45mm shaft.</i>							
<b>4B1630A</b> STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F810	1630A IH
		44.974/1.7706	48.013/1.8903				
<b>CONROD</b> <i>To suit 45mm shaft.</i>							
<b>4B1630P</b> STD, .25, .50, .75, 1.00		44.961/1.7701	48.000/1.8898	1.508/.0594	18.60/.732	F780	1630 IH
		44.974/1.7706	48.013/1.8903				
<b>MAINS</b>							
<b>5M2759A</b> STD, .25, .50, .75, 1.00	1,2,4,5	62.942/2.4780	66.645/2.6238	1.834/.0722	22.00/.866	F810	2758A IH
		62.955/2.4785	66.658/2.6243				
	3	62.942/2.4780	66.645/2.6238	1.834/.0722	33.95/1.337	F810	2759A(F) IH
		62.955/2.4785	66.658/2.6243				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4269</b> UNB		21.990/.8657	24.000/.9449	1.050/.0413	28.50/1.122	F100	4RB4269
		22.000/.8661	24.020/.9457				
<b>PISTON PIN BUSH</b>							
<b>RB4269</b> UNB		21.990/.8657	24.000/.9449	1.050/.0413	28.50/1.122	F100	RB4269
		22.000/.8661	24.020/.9457				

**74 Engine Year Cyl Bore x Stroke 74**  
J 1299cc Inline4 OHV 2v 01/1965 - 12/1970 L4 73.0mm x 77.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2636A</b> STD, 010, 020, 030, 040, 050,		47.648/1.8759	51.333/2.0210	1.824/.0718	22.09/.870	F810	2636A IH
		47.661/1.8764	51.346/2.0215				
<b>MAINS</b>							
<b>3M2215A</b> STD, 010, 020, 030, 040	1,2,3	50.813/2.0005	54.508/2.1460	1.836/.0723	31.11/1.225	F810	2215A IH
		50.825/2.0010	54.521/2.1465				
<b>THRUST</b>							
<b>2T4302</b> STD, 005		56.261/2.2150	69.596/2.7400		2.36/.093	F1	4302T UL
		56.515/2.2250	69.850/2.7500				
<b>CAMS</b>							
<b>3C4018</b> STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
	3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018
		41.232/1.6233	44.450/1.7500				





75 Engine		Year	Cyl	Bore x Stroke	75		
J13 1299cc Inline4 OHV 2v		01/1960 - 12/1975	L4	73.0mm x 77.6mm			
J15 1483cc Inline4 OHV 2v		01/1969 - 01/1982	L4	78.0mm x 77.6mm			
J16 1567cc Inline4 OHV 2v		08/1972 - 12/1985	L4	78.0mm x 82.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2636A</b> STD, 010, 020, 030, 040, 050		47.648/1.8759	51.333/2.0210	1.824/.0718	22.09/.870	F810	2636A
		47.661/1.8764	51.346/2.0215				IH
<b>MAINS</b>							
<b>3M2637A</b> STD, 010, 020, 030, 040, 050	1,2,3	50.813/2.0005	54.511/2.1461	1.836/.0723	27.94/1.100	F810	2637A
		50.825/2.0010	54.546/2.1475				IH
<b>THRUST</b>							
<b>2T4302</b> STD, 005		56.261/2.2150	69.596/2.7400		2.36/.093	F1	4302T
		56.515/2.2250	69.850/2.7500				UL
<b>CAMS</b>							
<b>3C4018</b> STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
	3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018
		41.232/1.6233	44.450/1.7500				
<b>ROCKER ARM BUSH</b>							
<b>B633</b>		15.875/.6250	19.012/.7485		18.92/.745	F100	B633
		15.875/.6250	19.037/.7495				

76 Engine		Year	Cyl	Bore x Stroke	76		
J18 1800cc Inline4 OHV 2v		01/1980 - On	L4	80.5mm x 88.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2638A</b> STD, .25, .50, .75, 1.00		47.633/1.8753	50.673/1.9950	1.500/.0591	20.00/.787	F810	2638A
		47.645/1.8758	50.686/1.9955				IH
<b>MAINS</b>							
<b>3M2637A</b> STD, 010, 020, 030, 040, 050	1,2,3	50.813/2.0005	54.511/2.1461	1.836/.0723	27.94/1.100	F810	2637A
		50.825/2.0010	54.546/2.1475				IH
<b>THRUST</b>							
<b>2T4302</b> STD, 005		56.261/2.2150	69.596/2.7400		2.36/.093	F1	4302T
		56.515/2.2250	69.850/2.7500				UL
<b>CAMS</b>							
<b>3C4018</b> STD	1	45.433/1.7887	48.641/1.9150	1.588/.0625	37.57/1.479	F830	4306
		45.445/1.7892	48.666/1.9160				
	2	43.909/1.7287	47.117/1.8550	1.585/.0624	22.50/.886	F830	4017
		43.922/1.7292	47.142/1.8560				
	3	41.219/1.6228	44.425/1.7490	1.585/.0624	20.89/.822	F830	4018
		41.232/1.6233	44.450/1.7500				

77 Engine		Year	Cyl	Bore x Stroke	77		
KA24DE 2389cc Inline4 DOHC 4v		10/1993 - 12/2005	L4	89.0mm x 96.0mm			
KA24E 2389cc Inline4 SOHC 3v		01/1989 - 12/2001	L4	89.0mm x 96.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2746A</b> STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.508/.0594	20.00/.787	F810	2746A
		49.974/1.9675	53.013/2.0871				IH
<b>MAINS</b>							
<b>5M2747A</b> STD, .25, .50, .75, 1.00	1,2,4,5	59.962/2.3607	63.659/2.5063	1.835/.0722	19.00/.748	F810	2747A
		59.975/2.3612	63.972/2.5186				UL
	3	59.962/2.3607	63.659/2.5063	1.835/.0722	26.95/1.061	F810	2748A(F)
		59.975/2.3612	63.672/2.5068				UL

**77 Continued ... 77**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4105</b> UNB			24.000/.9449 24.000/.9449	1.720/.0677	24.80/.976	F100	4RB4105
<b>PISTON PIN BUSH</b>							
<b>RB4105</b> UNB			24.000/.9449 24.000/.9449	1.720/.0677	24.80/.976	F100	RB4105

**78 Engine 78**  
**H20 1982cc Inline4 OHV 2v** **Year** **Cyl** **Bore x Stroke**  
 01/1966 - 12/1982 **L4** **87.2mm x 83.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2751A</b> STD, .25, .50, .75, 1.00, 1.25		51.960/2.0457 51.973/2.0462	55.000/2.1654 55.013/2.1659	1.501/.0591	24.13/.950	F810	2751A IH
<b>MAINS</b> <i>Has overwidth flanges for undersizes: .25=Std+.10mm, .50=Std+.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>							
<b>5M2749A</b> .25, .50, .75, 1.00	1,5	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	27.99/1.102	F810	2757A IH
	2,4	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	22.00/.866	F810	2758A IH
		3	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.959/.0771	33.95/1.337	F810
	<b>5M2757A</b> STD, .25, .50, .75, 1.00, 1.25	1,5	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	27.99/1.102	F810
2,4		62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	22.00/.866	F810	2758A IH
		3	62.942/2.4780 62.955/2.4785	66.645/2.6238 66.658/2.6243	1.834/.0722	33.95/1.337	F810
<b>CAMS</b>							
<b>3C4036</b> STD	1	45.434/1.7887 45.447/1.7892	48.641/1.9150 48.666/1.9160	1.587/.0625	24.13/.950	F23	4036
	2	43.897/1.7282 43.910/1.7287	47.117/1.8550 47.142/1.8560	1.588/.0625	22.10/.870	F23	4037
		3	41.218/1.6228 41.231/1.6233	44.425/1.7490 44.450/1.7500	1.587/.0625	24.13/.950	F23
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4269</b> UNB		21.990/.8657 22.000/.8661	24.000/.9449 24.020/.9457	1.050/.0413	28.50/1.122	F100	4RB4269
<b>PISTON PIN BUSH</b>							
<b>RB4269</b> UNB		21.990/.8657 22.000/.8661	24.000/.9449 24.020/.9457	1.050/.0413	28.50/1.122	F100	RB4269

**79 Engine 79**  
**LD28 2792cc Inline6 SOHC 2v Diesel** **Year** **Cyl** **Bore x Stroke**  
 10/1979 - 10/1986 **L6** **84.5mm x 83.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1171A</b> STD, .25, .50, .75, 1.00, 1.50		49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
<b>MAINS</b>							
<b>7M1172A</b> STD, .25, .50, .75, 1.00, 1.50	1,7	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	26.10/1.028	F810	1172A UL
	2,3,5,6	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	24.10/.949	F810	1174A UL
		4	54.942/2.1631 54.955/2.1636	58.645/2.3089 58.658/2.3094	1.835/.0722	31.95/1.258	F810
	<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 25mm shaft.</i>						
<b>6RB4102</b> UNB			28.000/1.1024 28.020/1.1031	1.640/.0646	27.00/1.063	F100	6RB4102





79 Continued ...							79
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6RB4270</b>	<b>PISTON PIN BUSH</b>	<i>Set of 6. Suits 26mm shaft.</i>	29.000/1.1417	1.525/.0600	26.70/1.051	F100	6RB4270
			29.020/1.1425				
<b>RB4102</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 25mm shaft.</i>	28.000/1.1024	1.640/.0646	27.00/1.063	F100	RB4102
			28.020/1.1031				
<b>RB4270</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 26mm shaft.</i>	29.000/1.1417	1.525/.0600	26.70/1.051	F100	RB4270
			29.020/1.1425				

80 Engine				Year	Cyl	Bore x Stroke	80
RB20E 1998cc Inline6 SOHC 2v				10/1984 - On	L6	78.0mm x 69.7mm	
RB20S 1998cc Inline6 SOHC 2v				01/1981 - 12/1986	L6	78.0mm x 69.7mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2389A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	41.961/1.6520	45.000/1.7717	1.508/.0594	16.10/.634	F810	2389A IH
		41.974/1.6525	45.011/1.7721				
<b>7M2394A</b> STD, .25, .50, .75	<b>MAINS</b>	1,2,3,4,5,6	54.951/2.1634	1.830/.0720	19.12/.753	F810	2394A UL
			54.975/2.1644				
		7	54.951/2.1634	1.830/.0720	26.95/1.061	F810	2395A(F) UL
		54.975/2.1644	58.658/2.3094				
<b>RACE SERIES</b> <b>7M2394H</b> STD, .025, .25, .50	<b>MAINS</b>	1,2,3,4,5,6	54.951/2.1634	1.827/.0719	19.12/.753	F780	2394H UL
			54.975/2.1644				
		7	54.951/2.1634	1.827/.0719	26.95/1.061	F780	2395H(F) UL
		54.975/2.1644	58.658/2.3094				
<b>RACE SERIES</b> <b>7M2394HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.814/.0714	19.12/.753	F780	2394HX UL
		1,2,3,4,5,6	54.951/2.1634				
		7	54.951/2.1634	1.814/.0714	26.95/1.061	F780	2395HX(F) UL
		54.975/2.1644	58.658/2.3094				
<b>7M2394P</b> STD, .25, .50, .75	<b>MAINS</b>	1,2,3,4,5,6	54.951/2.1634	1.830/.0720	19.12/.753	F780	2394 UL
			54.975/2.1644				
		7	54.951/2.1634	1.830/.0720	26.95/1.061	F780	2395(F) UL
		54.975/2.1644	58.658/2.3094				
<b>6RB4271</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6. Suits 19mm shaft.</i>	21.987/.8656	1.535/.0604	21.80/.858	F100	6RB4271
			22.000/.8661				
<b>RB4271</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 19mm shaft.</i>	21.987/.8656	1.535/.0604	21.80/.858	F100	RB4271
			22.000/.8661				

81 Engine				Year	Cyl	Bore x Stroke	81	
R16 1595cc Inline4 OHV 2v				01/1965 - 01/1972	L4	87.2mm x 66.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2751A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>	51.960/2.0457	55.000/2.1654	1.501/.0591	24.13/.950	F810	2751A IH	
		51.973/2.0462	55.013/2.1659					
<b>5M2749A</b> .25, .50, .75, 1.00	<b>MAINS</b>	<i>Has overwidth flanges for undersizes: .25=Std+.10mm, .50=Std+.18mm, .75=Std+.26mm, 1.00=Std+.34mm.</i>		1.834/.0722	27.99/1.102	F810	2757A IH	
		1,5	62.942/2.4780					
			62.955/2.4785	66.645/2.6238	66.658/2.6243			
		2,4	62.942/2.4780	66.645/2.6238	66.658/2.6243	1.834/.0722	22.00/.866	F810
		62.955/2.4785	66.658/2.6243					

**81 Continued ... 81**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2749A</b> STD, .25, .50, .75, 1.00	3	62.942/2.4780	66.645/2.6238	1.959/.0771	33.95/1.337	F810	2749A(F) IH
		62.955/2.4785	66.658/2.6243				
<b>5M2757A</b> STD, .25, .50, .75, 1.00, 1.25	MAINS 1,5	62.942/2.4780	66.645/2.6238	1.834/.0722	27.99/1.102	F810	2757A IH
		62.955/2.4785	66.658/2.6243				
	2,4	62.942/2.4780	66.645/2.6238	1.834/.0722	22.00/.866	F810	2758A IH
		62.955/2.4785	66.658/2.6243				
	3	62.942/2.4780	66.645/2.6238	1.834/.0722	33.95/1.337	F810	2759A(F) IH
		62.955/2.4785	66.658/2.6243				
<b>3C4036</b> STD	CAMS 1	45.434/1.7887	48.641/1.9150	1.587/.0625	24.13/.950	F23	4036
		45.447/1.7892	48.666/1.9160				
	2	43.897/1.7282	47.117/1.8550	1.588/.0625	22.10/.870	F23	4037
		43.910/1.7287	47.142/1.8560				
	3	41.218/1.6228	44.425/1.7490	1.587/.0625	24.13/.950	F23	4038
		41.231/1.6233	44.450/1.7500				
<b>RB4028</b> UNB	PISTON PIN BUSH	21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

**82 Engine 82**

P 3956cc Inline6 SOHC 2v Year 01/1960 - 01/1980 Cyl L6 Bore x Stroke 85.7mm x 114.3mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1301P</b> STD, 010, 020, 030, 040, 050,	CONROD	57.130/2.2492	60.180/2.3693	1.504/.0592	26.16/1.030	F780	1301 IH
		57.150/2.2500	60.198/2.3700				
<b>7DM1304P</b> STD, .25, .50, .75	MAINS 1	68.204/2.6852	72.997/2.8739	2.370/.0933	43.61/1.717	F780	4282(F) UL
		68.229/2.6862	73.002/2.8741				
	2,3,5,6	69.276/2.7274	72.997/2.8739	1.831/.0721	26.13/1.029	F780	1304 UL
		69.299/2.7283	73.002/2.8741				
	4	69.276/2.7274	72.997/2.8739	1.831/.0721	41.12/1.619	F780	1303 UL
		69.299/2.7283	73.002/2.8741				
7	69.276/2.7274	72.997/2.8739	1.831/.0721	49.12/1.934	F780	1302 UL	
	69.299/2.7283	73.002/2.8741					
<b>4C4286</b> STD	CAMS 1	49.124/1.9340	52.450/2.0650	1.646/.0648	29.64/1.167	F23	4286
		49.149/1.9350	52.470/2.0657				
	2	48.920/1.9260	52.250/2.0571	1.646/.0648	19.30/.760	F23	4287
		48.945/1.9270	52.270/2.0579				
	3	48.616/1.9140	51.940/2.0449	1.646/.0648	19.30/.760	F23	4288
		48.641/1.9150	51.960/2.0457				
4	48.311/1.9020	51.640/2.0331	1.646/.0648	32.00/1.260	F23	4289	
	48.336/1.9030	51.660/2.0339					

**83 Engine 83**

RB26DETT 2568cc Inline6 DOHC 4v Turbo Year 06/1991 - On Cyl L6 Bore x Stroke 86.0mm x 73.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>6B2960H</b> STD, .025, .25, .50	CONROD	47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F781	2960H IH
		47.974/1.8887	51.013/2.0084				
<b>RACE SERIES</b> <b>6B2960HX</b> STD	CONROD	<i>0.001" extra oil clearance on STD journal.</i>		1.490/.0587	17.10/.673	F781	2960HX IH
		47.956/1.8880	51.000/2.0079				
<b>6B2960P</b> STD, .25, .50, .75, 1.00	CONROD	47.956/1.8880	51.000/2.0079	1.503/.0592	17.10/.673	F780	2960 IH
		47.974/1.8887	51.013/2.0084				





83 Continued ...							83
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M2428A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,5,6,7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.825/.0719	20.00/.787	F810	2429A UL
	4	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.825/.0719	26.95/1.061	F810	2428A(F) UL
<b>RACE SERIES</b> <b>7M2428H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,3,5,6,7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	20.00/.787	F780	2429H UL
	4	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	26.95/1.061	F780	2428H(F) UL
<b>RACE SERIES</b> <b>7M2428HX</b> STD	<b>MAINS</b> 1,2,3,5,6,7	<i>0.001" extra oil clearance on STD journal.</i> 54.951/2.1634 54.975/2.1644		1.814/.0714	20.00/.787	F780	2429HX UL
	4	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	26.95/1.061	F780	2428HX(F) UL
<b>6RB4074</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	6RB4074
	<b>PISTON PIN BUSH</b> <i>Suits 21mm shaft.</i>	21.000/.8268 21.012/.8272	23.975/.9439 24.000/.9449	1.720/.0677	21.75/.856	F100	RB4074

84 Engine		Year	Cyl	Bore x Stroke	84		
P40 3956cc Inline6 SOHC 2v		01/1980 - 01/1988	L6	85.7mm x 114.3mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1301P</b> STD, 010, 020, 030, 040, 050	<b>CONROD</b>	57.130/2.2492 57.150/2.2500	60.180/2.3693 60.198/2.3700	1.504/.0592	26.16/1.030	F780	1301 IH
	<b>MAINS</b> 1	69.275/2.7274 69.300/2.7283	73.000/2.8740 73.025/2.8750	1.831/.0721	40.50/1.594	F780	1305(F) UL
<b>7M1305P</b> STD, 010, 020, 030, 040, 060	2,3,5,6	69.276/2.7274 69.299/2.7283	72.997/2.8739 73.002/2.8741	1.831/.0721	26.13/1.029	F780	1304 UL
	4	69.276/2.7274 69.299/2.7283	72.997/2.8739 73.002/2.8741	1.831/.0721	41.12/1.619	F780	1303 UL
	7	69.276/2.7274 69.299/2.7283	72.997/2.8739 73.002/2.8741	1.831/.0721	49.12/1.934	F780	1302 UL
	<b>CAMS</b> 1	49.124/1.9340 49.149/1.9350	52.450/2.0650 52.470/2.0657	1.646/.0648	29.64/1.167	F23	4286
	2	48.920/1.9260 48.945/1.9270	52.250/2.0571 52.270/2.0579	1.646/.0648	19.30/.760	F23	4287
<b>4C4286</b> STD	3	48.616/1.9140 48.641/1.9150	51.940/2.0449 51.960/2.0457	1.646/.0648	19.30/.760	F23	4288
	4	48.311/1.9020 48.336/1.9030	51.640/2.0331 51.660/2.0339	1.646/.0648	32.00/1.260	F23	4289

85 Engine		Year	Cyl	Bore x Stroke	85		
LD20 1952cc Inline4 SOHC 2v Diesel		04/1978 - On	L4	85.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1171A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	49.962/1.9670 49.975/1.9675	53.005/2.0868 53.013/2.0871	1.506/.0593	22.10/.870	F810	1171A IH
	<b>MAINS</b> 1	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A UL
<b>5M1176A</b> STD, .25, .50, .75, 1.00	2,4	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	24.10/.949	F810	1177A UL

85 Continued ...							85
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1176A</b> STD, .25, .50, .75, 1.00	3	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.838/.0724	31.95/1.258	F810	1178A(F) IH
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1179A U
	5	59.942/2.3599 59.955/2.3604	63.645/2.5057 63.658/2.5062	1.835/.0722	26.10/1.028	F810	1176A L
	<b>MAINS</b>						
	1,5	59.940/2.3598 59.955/2.3604	63.650/2.5059 63.668/2.5066	1.835/.0722	22.10/.870	F810	1247A UL
<b>5M1247A</b> STD, .25, .50, .75, 1.00	2,4	59.940/2.3598 59.955/2.3604	63.650/2.5059 63.668/2.5066	1.835/.0722	22.10/.870	F810	1248A UL
	3	59.940/2.3598 59.955/2.3604	63.650/2.5059 63.668/2.5066	1.835/.0722	31.95/1.258	F810	1249A(F) UL
	<b>PISTON PIN BUSH</b> <i>Set of 4. Suits 25mm shaft.</i>						
<b>4RB4102</b> UNB			28.000/1.1024 28.020/1.1031	1.640/.0646	27.00/1.063	F100	4RB4102
<b>PISTON PIN BUSH</b> <i>Set of 4. Suits 26mm shaft.</i>							
<b>4RB4270</b> UNB			29.000/1.1417 29.020/1.1425	1.525/.0600	26.70/1.051	F100	4RB4270
<b>PISTON PIN BUSH</b> <i>Suits 25mm shaft.</i>							
<b>RB4102</b> UNB			28.000/1.1024 28.020/1.1031	1.640/.0646	27.00/1.063	F100	RB4102
<b>PISTON PIN BUSH</b> <i>Suits 26mm shaft.</i>							
<b>RB4270</b> UNB			29.000/1.1417 29.020/1.1425	1.525/.0600	26.70/1.051	F100	RB4270

86 Engine				Year	Cyl	Bore x Stroke	86
RD28T 2826cc Inline6 SOHC 2v Turbo Diesel				01/1994 - 04/2000	L6	85.0mm x 83.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2930A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>						
		49.961/1.9670 49.974/1.9675	53.000/2.0866 53.013/2.0871	1.498/.0590	20.00/.787	F810	2930A IH
<b>7M2394A</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F810	2394A UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F810	2395A(F) UL
<b>RACE SERIES</b> <b>7M2394H</b> STD, .025, .25, .50	<b>MAINS</b>						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	19.12/.753	F780	2394H UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.827/.0719	26.95/1.061	F780	2395H(F) UL
<b>RACE SERIES</b> <b>7M2394HX</b> STD	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	19.12/.753	F780	2394HX UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.814/.0714	26.95/1.061	F780	2395HX(F) UL
<b>7M2394P</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,2,3,4,5,6	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	19.12/.753	F780	2394 UL
	7	54.951/2.1634 54.975/2.1644	58.645/2.3089 58.658/2.3094	1.830/.0720	26.95/1.061	F780	2395(F) UL
<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 27mm pin. For turbo versions.</i>							
<b>6RB4110</b> UNB		27.000/1.0630	29.990/1.1807 30.005/1.1813	1.700/.0669	24.70/.972	F100	6RB4110
<b>PISTON PIN BUSH</b> <i>Suits 27mm pin. For turbo versions.</i>							
<b>RB4110</b> UNB		27.000/1.0630	29.990/1.1807 30.005/1.1813	1.700/.0669	24.80/.976	F100	RB4110





87 Engine		Year	Cyl	Bore x Stroke	87		
NA16S 1627cc Inline4 SOHC 2v		01/1989 - 12/1995	L4	81.5mm x 78.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1435A</b> STD, .25, .50, .75, 1.00			53.000/2.0866	1.502/.0591	22.00/.866	F810	1435A
			53.020/2.0874				IH
<b>MAINS</b>							
<b>5M1439A</b> STD, .25, .50, .75, 1.00		54.942/2.1631	58.645/2.3089	1.835/.0722	19.10/.752	F810	1437A
		54.955/2.1636	58.658/2.3094				UL
		54.942/2.1631	58.645/2.3089	1.835/.0722	31.95/1.258	F810	1439A
		54.955/2.1636	58.658/2.3094				UL
88 Engine		Year	Cyl	Bore x Stroke	88		
RB30E 2962cc Inline6 SOHC 2v		03/1986 - 08/1988	L6	86.0mm x 85.0mm			
RB30ET 2962cc Inline6 SOHC 2v Turbo		03/1986 - 07/1989	L6	86.0mm x 85.0mm			
RB30S 2962cc Inline6 SOHC 2v		02/1988 - 12/1997	L6	86.0mm x 85.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2390A</b> STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F810	2390A
		49.974/1.9675	53.011/2.0870				IH
<b>RACE SERIES</b>							
<b>6B2390H</b> STD, .025, .25, .50		49.961/1.9670	53.000/2.0866	1.503/.0592	17.10/.673	F781	2390H
		49.974/1.9675	53.011/2.0870				IH
<b>RACE SERIES</b>							
<b>6B2390HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.490/.0587	17.10/.673	F781	2390HX
		49.961/1.9670	53.000/2.0866				IH
49.974/1.9675	53.011/2.0870					IH	
<b>CONROD</b>							
<b>6B2390P</b> STD, .25, .50, .75, 1.00		49.961/1.9670	53.000/2.0866	1.506/.0593	17.10/.673	F780	2390
		49.974/1.9675	53.011/2.0870				IH
<b>MAINS</b>							
<b>7M2394A</b> STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F810	2394A
		54.975/2.1644	58.658/2.3094				UL
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F810	2395A(F)
		54.975/2.1644	58.658/2.3094				UL
<b>RACE SERIES</b>							
<b>7M2394H</b> STD, .025, .25, .50	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.827/.0719	19.12/.753	F780	2394H
		54.975/2.1644	58.658/2.3094				UL
	7	54.951/2.1634	58.645/2.3089	1.827/.0719	26.95/1.061	F780	2395H(F)
		54.975/2.1644	58.658/2.3094				UL
<b>RACE SERIES</b>							
<b>7M2394HX</b> STD	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.814/.0714	19.12/.753	F780	2394HX
		54.975/2.1644	58.658/2.3094				UL
	7	54.951/2.1634	58.645/2.3089	1.814/.0714	26.95/1.061	F780	2395HX(F)
		54.975/2.1644	58.658/2.3094				UL
<b>MAINS</b>							
<b>7M2394P</b> STD, .25, .50, .75	1,2,3,4,5,6	54.951/2.1634	58.645/2.3089	1.830/.0720	19.12/.753	F780	2394
		54.975/2.1644	58.658/2.3094				UL
	7	54.951/2.1634	58.645/2.3089	1.830/.0720	26.95/1.061	F780	2395(F)
		54.975/2.1644	58.658/2.3094				UL
<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 21mm shaft.</i>							
<b>6RB4074</b> UNB		21.000/.8268	23.975/.9439	1.720/.0677	21.75/.856	F100	6RB4074
		21.012/.8272	24.000/.9449				
<b>PISTON PIN BUSH</b> <i>Suits 21mm shaft.</i>							
<b>RB4074</b> UNB		21.000/.8268	23.975/.9439	1.720/.0677	21.75/.856	F100	RB4074
		21.012/.8272	24.000/.9449				

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
X10XE 973cc Inline4 DOHC 4v	09/1996 - 08/1999	L4	973	59	20
Z10XE 973cc Inline4 DOHC 4v	09/1999 - 08/2003	L4	973	59	20
Z10XEP 973cc Inline4 DOHC 4v	09/2003 - On	L3	973	59	20
10N 993cc Inline4 OHV 2v	09/1962 - 08/1982	L4	993	60	22
10S 993cc Inline4 OHV 2v	09/1962 - 03/1993	L4	993	60	22
11N 1078cc Inline4 OHV 2v	09/1965 - 08/1973	L4	1078	65	22
11S 1078cc Inline4 OHV 2v	09/1965 - 07/1971	L4	1078	65	22
12N 1196cc Inline4 OHV 2v	08/1973 - 12/1986	L4	1196	72	22
12NC 1196cc Inline4 OHV 2v	09/1982 - 04/1989	L4	1196	72	22
12NV 1196cc Inline4 SOHC 2v	09/1986 - 08/1994	L4	1196	72	1
12NZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	1196	72	1
12S 1196cc Inline4 OHV 2v	08/1971 - 08/1990	L4	1196	72	22
12SC 1196cc Inline4 OHV 2v	09/1984 - 07/1986	L4	1196	72	22
12ST 1196cc Inline4 SOHC 2v	08/1982 - 08/1994	L4	1196	72	1
C12NZ 1196cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	1196	72	1
E12GV 1196cc Inline4 OHV 2v	09/1982 - 08/1990	L4	1196	72	22
X12SZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	1196	72	1
X12XE 1199cc Inline4 DOHC 4v	09/1997 - 09/2003	L4	1199	73	21
Z12XE 1199cc Inline4 DOHC 4v	09/1997 - 08/2004	L4	1199	73	21
Z12XEP 1229cc Inline4 DOHC 4v	03/2004 - On	L4	1229	74	21
Y13DT 1248cc Inline4 DOHC 4v Turbo Diesel	10/2004 - On	L4	1248	76	19
Z13DT 1248cc Inline4 DOHC 4v Turbo Diesel	06/2003 - On	L4	1248	76	19
Z13DTH 1248cc Inline4 DOHC 4v Turbo Diesel	04/2005 - On	L4	1248	76	19
Z13DTJ 1248cc Inline4 DOHC 4v Turbo Diesel	09/2003 - On	L4	1248	76	19
Z13TD Euro 4 1248cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	1248	76	18
13N 1297cc Inline4 SOHC 2v	03/1979 - 08/1991	L4	1297	79	1
13NB 1297cc Inline4 SOHC 2v	09/1984 - 08/1991	L4	1297	79	1
13S 1297cc Inline4 SOHC 2v	08/1979 - 02/1993	L4	1297	79	1
C13N 1297cc Inline4 SOHC 2v	08/1979 - 12/1992	L4	1297	79	1
Z14XEL 1364cc Inline4 DOHC 4v	09/2004 - On	L4	1364	83	21
Z14XEP 1364cc Inline4 DOHC 4v	09/2003 - On	L4	1364	83	21
14NV 1389cc Inline4 SOHC 2v	09/1988 - 08/1994	L4	1389	84	1
14SE 1389cc Inline4 SOHC 2v	03/1992 - 09/1998	L4	1389	84	1
C14NZ 1389cc Inline4 SOHC 2v	01/1990 - 10/2001	L4	1389	84	1
C14SE 1389cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	1389	84	1
C14SEL 1389cc Inline4 DOHC 4v	09/1994 - 10/2001	L4	1389	84	1
X14NZ 1389 Inline4 SOHC 2v	09/1991 - 01/2005	L4	1389	84	1
X14SZ 1389cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	1389	84	1
X14XE 1389cc Inline4 DOHC 4v	07/1994 - 01/2005	L4	1389	84	1
Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2009	L4	1389	84	1
1.5L CIH 1492cc Inline4 SOHC 2v	01/1965 - 12/1971	L4	1492	91	7
16N CIH 1584cc Inline4 SOHC 2v	09/1970 - 08/1981	L4	1584	96	7
16S CIH 1584cc Inline4 SOHC 2v	09/1970 - 12/1981	L4	1584	96	7
16D 1598cc Inline4 SOHC 2v Diesel	03/1982 - 01/1989	L4	1598	97	3
16DA 1598cc Inline4 SOHC 2v Diesel	03/1982 - 12/1989	L4	1598	97	3
16N 1598cc Inline4 SOHC 2v	09/1979 - 08/1988	L4	1598	97	3
16NZR 1598cc Inline4 SOHC 2v	09/1995 - 09/1998	L4	1598	97	2
16SH 1598cc Inline4 SOHC 2v	09/1981 - 06/1993	L4	1598	97	3
16SV 1598cc Inline4 SOHC 2v	09/1986 - 08/1996	L4	1598	97	2
C16LZ/LZ2 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	1598	97	2
C16NZ 1598cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	1598	97	2
C16SE 1598cc Inline4 SOHC 2v	05/1988 - 02/1998	L4	1598	97	2
C16SEI 1598cc Inline4 SOHC 2v	09/1989 - 03/1993	L4	1598	97	2
C16SEL 1598cc Inline4 DOHC 4v	08/1997 - 01/2005	L4	1598	97	2
C16XE 1598cc Inline4 DOHC 4v	09/1994 - 01/2005	L4	1598	97	2
E16NZ 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	1598	97	2
E16SE 1598cc Inline4 SOHC 2v	09/1987 - 08/1994	L4	1598	97	2
X16SZ/SZR 1598cc Inline4 SOHC 2v	09/1991 - 01/2005	L4	1598	97	2





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
X16XE/XEL 1598cc Inline4 DOHC 4v	08/1994 - 06/2005	L4	1598	97	2
Y16XE 1598cc Inline4 DOHC 4v	10/1995 - 09/2002	L4	1598	97	2
Z16SE 1598cc Inline4 SOHC 2v	09/2000 - On	L4	1598	97	2
Z16XE/XEP 1598cc Inline4 DOHC 4v	02/1998 - On	L4	1598	97	2
Z16XER 1598cc Inline4 DOHC 4v	12/2006 - On	L4	1598	97	2
Z16YNG 1598cc Inline4 DOHC 4v	09/2001 - On	L4	1598	97	2
17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v	09/1994 - 10/2001	L4	1686	102	14
X17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v Diesel	07/1994 - 10/2001	L4	1686	102	14
Y17DT 1686cc Inline4 SOHC 2v Turbo Diesel	02/2000 - 05/2010	L4	1686	102	15
Y17DTL 1686cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2010	L4	1686	102	15
Z17DTH 1686cc Inline4 SOHC 2v Turbo Diesel	06/2003 - 05/2010	L4	1686	102	15
Z17DTL 1686cc Inline4 SOHC 2v Turbo Diesel	04/2003 - 07/2009	L4	1686	102	15
1.7L CIH 1698cc Inline4 SOHC 2v	08/1967 - 08/1971	L4	1698	103	7
17N CIH 1698cc Inline4 SOHC 2v	08/1966 - 10/1982	L4	1698	103	7
17S CIH 1698cc Inline4 SOHC 2v	08/1966 - 02/1975	L4	1698	103	7
17D 1700cc Inline4 SOHC 2v Diesel	01/1988 - 06/1994	L4	1700	103	3
17DR 1700cc Inline4 SOHC 2v Diesel	07/1992 - 01/1999	L4	1700	103	3
X17DTL 1700cc Inline4 SOHC 2v Turbo Diesel	07/1994 - 04/2005	L4	1700	103	28
18E 1796cc Inline4 SOHC 2v	09/1982 - 08/1990	L4	1796	109	3
18N/NV 1796cc Inline4 SOHC 2v	09/1982 - 12/1989	L4	1796	109	3
18S 1796cc Inline4 SOHC 2v	07/1982 - 08/1987	L4	1796	109	3
18SE/SEH 1796cc Inline4 SOHC 2v	09/1986 - 09/1996	L4	1796	109	3
18SV 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	1796	109	3
C18NE 1796cc Inline4 SOHC 2v	01/1985 - 08/1986	L4	1796	109	3
C18NT 1796cc Inline4 SOHC 2v	08/1984 - 09/1992	L4	1796	109	3
C18NV 1796cc Inline4 SOHC 2v	05/1985 - 08/1986	L4	1796	109	3
C18NZ 1796cc Inline4 SOHC 2v	06/1985 - 09/1998	L4	1796	109	3
C18XE/XEL 1796cc Inline4 DOHC 4v	01/1993 - 03/2001	L4	1796	109	3
E18NV/NVR 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	1796	109	3
S18NV 1796cc Inline4 SOHC 2v	01/1985 - 03/1994	L4	1796	109	3
X18XE 1796cc Inline4 DOHC 4v	07/1994 - 03/2001	L4	1796	109	3
X18XE1 1796cc Inline4 DOHC 4v	10/1995 - 09/2000	L4	1796	109	2
Z18XE/XEL 1796cc Inline4 DOHC 4v	09/2000 - On	L4	1796	109	2
Z18XER 1796cc Inline4 DOHC 4v	03/2004 - On	L4	1796	109	2
F8Q Series 1870cc Inline4 SOHC 2v Diesel	03/1998 - 08/2001	L4	1870	114	24
F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	01/1999 - On	L4	1870	114	23
19E CIH 1897cc Inline4 SOHC 2v	08/1973 - 08/1981	L4	1897	115	7
19N CIH 1897cc Inline4 SOHC 2v	01/1965 - 12/1981	L4	1897	115	7
19S CIH 1897cc Inline4 SOHC 2v	08/1965 - 08/1981	L4	1897	115	7
19SH CIH 1897cc Inline4 SOHC 2v	01/1972 - 08/1977	L4	1897	115	7
20E CIH 1979cc Inline4 SOHC 2v	08/1973 - 08/1988	L4	1979	120	7
20N CIH 1979cc Inline4 SOHC 2v	01/1975 - 08/1986	L4	1979	120	7
20S CIH 1979cc Inline4 SOHC 2v	09/1975 - 08/1986	L4	1979	120	7
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel	01/2006 - On	L4	1995	121	26
X20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - 01/2005	L4	1995	121	11
X20DTL 1995cc Inline4 4v Turbo Diesel	11/1996 - 06/2005	L4	1995	121	11
Y20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - On	L4	1995	121	11
Y20DTL 1995cc Inline4 4v Turbo Diesel	02/1998 - 06/2005	L4	1995	121	11
20NE 1998cc Inline4 SOHC 2v	09/1986 - 02/1993	L4	1998	121	3
20NEJ 1998cc Inline4 SOHC 2v	10/1995 - 04/2002	L4	1998	121	3
20SE/SEH 1998cc Inline4 SOHC 2v	09/1986 - 12/2000	L4	1998	121	3
20SER 1998cc Inline4 SOHC 2v	09/1986 - 05/1992	L4	1998	121	3
20XE 1998cc Inline4 DOHC 4v	12/1987 - 08/1991	L4	1998	121	3
C20LET 1998cc Inline4 DOHC 4v Turbo	03/1992 - 07/1997	L4	1998	121	29
C20NE/NEF 1998cc Inline4 SOHC 2v	09/1986 - 10/1998	L4	1998	121	3
C20SEL 1998cc Inline4 DOHC 4v	10/1995 - 01/2005	L4	1998	121	3
C20XE 1998cc Inline4 DOHC 4v	03/1988 - 01/1998	L4	1998	121	3
F4R Series 1998cc Inline4 DOHC 4v	08/2001 - On	L4	1998	121	25

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
X20SE 1998cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	1998	121	3
X20XEV 1998cc Inline4 DOHC 4v	02/1994 - 01/2005	L4	1998	121	3
Z20NET (Ecotech LK9) 1998cc Inline4 DOHC 4v Turbo	01/2003 - On	L4	1998	121	8
X22DTH 2172cc Inline4 4v Turbo Diesel	07/1997 - 09/2002	L4	2172	132	12
Y22DTH 2172cc Inline4 4v Turbo Diesel	10/1998 - 07/2003	L4	2172	132	12
Y22DTR 2172cc Inline4 4v Turbo Diesel	09/2000 - 06/2008	L4	2172	132	12
Z2E CIH 2197cc Inline4 SOHC 2v	11/1984 - 08/1987	L4	2197	134	7
C22SEL 2198cc Inline4 DOHC 4v	10/1999 - 09/2002	L4	2198	134	4
X22SE 2198cc Inline 4 DOHC 4v	01/1996 - 12/2002	L4	2198	134	5
X22XE 2198cc Inline4 DOHC 4v	01/1995 - 12/1999	L4	2198	134	5
Y22SE 2198cc Inline4 DOHC 4v	10/1998 - On	L4	2198	134	10
Z22SE (Ecotech L61) 2198cc Inline4 DOHC 4v	01/2000 - On	L4	2198	134	8
C24NE 2410cc Inline4 SOHC 2v	09/1988 - 10/1998	L4	2410	147	13
Z5E CIH 2490cc Inline6 SOHC 2v	08/1979 - 08/1987	L6	2490	151	17
Z5H CIH 2490cc Inline6 SOHC 4v	01/1972 - 08/1975	L6	2490	151	17
Z5NE CIH 2490cc Inline6 SOHC 2v	09/1987 - 10/1990	L6	2490	151	17
Z5S CIH 2490cc Inline6 SOHC 2v	01/1972 - 12/1982	L6	2490	151	17
Y25TD 2497cc (BMW) Inline6 SOHC 2v Turbo Diesel	06/2001 - 09/2003	L6	2497	152	27
X25TD 2498cc (BMW) Inline6 SOHC 2v Turbo Diesel	04/1994 - 02/2001	L6	2498	152	27
X25XE 2498cc V6 DOHC 4v	04/1993 - 08/2001	V6	2498	152	6
C25XE 2498cc V6 DOHC 4v	02/1993 - 03/1997	V6	2498	152	6
C26NE 2594cc Inline4 DOHC 4v	09/1990 - 10/1994	L4	2594	158	17
Z8E CIH 2784cc Inline6 SOHC 2v	03/1969 - 01/1978	L6	2784	169	17
Z8H CIH 2784cc Inline6 SOHC 2v	03/1969 - 08/1987	L6	2784	169	17
Z8S CIH 2784cc Inline6 SOHC 2v	01/1965 - 12/1978	L6	2784	169	17
Z28NEL (HFV6) 2792cc V6 DOHC 4v Turbo	09/2005 - On	V6	2792	170	16
Z28NET (HFV6) 2792cc V6 DOHC 4v Turbo	11/2005 - On	V6	2792	170	16
X30XE 2962cc V6 DOHC 4v	04/1994 - 02/2001	V6	2962	180	9
30E CIH 2969cc Inline6 SOHC 2v	02/1978 - 08/1987	L6	2969	181	17
30H CIH 2969cc Inline6 SOHC 2v	02/1978 - 07/1982	L6	2969	181	17
30NE CIH 2969cc Inline6 SOHC 2v	09/1986 - 10/1994	L6	2969	181	17
C30LE 2969cc Inline6 SOHC 2v	09/1985 - 08/1993	L6	2969	181	17
C30NE 2969cc Inline6 SOHC 2v	09/1985 - 03/1994	L6	2969	181	17
C30SE 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	2969	181	17
C30SEJ 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	2969	181	17





1	Engine	Year	Cyl	Bore x Stroke	1
	12NV 1196cc Inline4 SOHC 2v	09/1986 - 08/1994	L4	77.8mm x 62.9mm	
	12NZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	72.0mm x 73.4mm	
	12ST 1196cc Inline4 SOHC 2v	08/1982 - 08/1994	L4	77.8mm x 62.9mm	
	13N 1297cc Inline4 SOHC 2v	03/1979 - 08/1991	L4	75.0mm x 73.4mm	
	13NB 1297cc Inline4 SOHC 2v	09/1984 - 08/1991	L4	75.0mm x 73.4mm	
	13S 1297cc Inline4 SOHC 2v	08/1979 - 02/1993	L4	75.0mm x 73.4mm	
	14NV 1389cc Inline4 SOHC 2v	09/1988 - 08/1994	L4	77.6mm x 73.4mm	
	14SE 1389cc Inline4 SOHC 2v	03/1992 - 09/1998	L4	77.6mm x 73.4mm	
	C12NZ 1196cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	72.0mm x 73.4mm	
	C13N 1297cc Inline4 SOHC 2v	08/1979 - 12/1992	L4	75.0mm x 73.4mm	
	C14NZ 1389cc Inline4 SOHC 2v	01/1990 - 10/2001	L4	77.6mm x 73.4mm	
	C14SE 1389cc Inline4 SOHC 2v	09/1989 - 10/2001	L4	77.6mm x 73.4mm	
	C14SEL 1389cc Inline4 DOHC 4v	09/1994 - 10/2001	L4	77.6mm x 73.4mm	
	X12SZ 1196cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	72.0mm x 73.4mm	
	X14NZ 1389 Inline4 SOHC 2v	09/1991 - 01/2005	L4	77.6mm x 73.4mm	
	X14SZ 1389cc Inline4 SOHC 2v	03/1993 - 10/2001	L4	77.6mm x 73.4mm	
	X14XE 1389cc Inline4 DOHC 4v	07/1994 - 01/2005	L4	77.6mm x 73.4mm	
	Z14XE 1389cc Inline4 DOHC 4v	02/1998 - 12/2009	L4	77.6mm x 73.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Oil hole in upper and lower shell. Supercedes 4B1340 and 4B1345. Was 4B1451AL.</i>							
<b>4B1350A</b> STD, .25, .50, .75, 1.00		42.971/1.6918	46.000/1.8110	1.497/.0589	16.63/.655	F810	1350A
		42.987/1.6924	46.013/1.8115				IH
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
<b>5M1338A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A
		54.985/2.1648	59.013/2.3233				IH
	3	54.972/2.1642	59.000/2.3228	2.001/.0788	25.90/1.020	F810	1339A(F)
		54.985/2.1648	59.013/2.3233				IH

2	Engine	Year	Cyl	Bore x Stroke	2
	16NZR 1598cc Inline4 SOHC 2v	09/1995 - 09/1998	L4	79.0mm x 81.5mm	
	16SV 1598cc Inline4 SOHC 2v	09/1986 - 08/1996	L4	79.0mm x 81.5mm	
	C16LZ/LZ2 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	79.0mm x 81.5mm	
	C16NZ 1598cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	79.0mm x 81.5mm	
	C16SE 1598cc Inline4 SOHC 2v	05/1988 - 02/1998	L4	79.0mm x 81.5mm	
	C16SEI 1598cc Inline4 SOHC 2v	09/1989 - 03/1993	L4	79.0mm x 81.5mm	
	C16SEL 1598cc Inline4 DOHC 4v	08/1997 - 01/2005	L4	79.0mm x 81.5mm	
	C16XE 1598cc Inline4 DOHC 4v	09/1994 - 01/2005	L4	79.0mm x 81.5mm	
	E16NZ 1598cc Inline4 SOHC 2v	09/1986 - 11/1995	L4	79.0mm x 81.5mm	
	E16SE 1598cc Inline4 SOHC 2v	09/1987 - 08/1994	L4	79.0mm x 81.5mm	
	X16SZ/SZR 1598cc Inline4 SOHC 2v	09/1991 - 01/2005	L4	79.0mm x 81.5mm	
	X16XE/XEL 1598cc Inline4 DOHC 4v	08/1994 - 06/2005	L4	79.0mm x 81.5mm	
	X18XE1 1796cc Inline4 DOHC 4v	10/1995 - 09/2000	L4	80.5mm x 88.2mm	
	Y16XE 1598cc Inline4 DOHC 4v	10/1995 - 09/2002	L4	79.0mm x 81.5mm	
	Z16SE 1598cc Inline4 SOHC 2v	09/2000 - On	L4	79.0mm x 81.5mm	
	Z16XE/XEP 1598cc Inline4 DOHC 4v	02/1998 - On	L4	79.0mm x 81.5mm	
	Z16XER 1598cc Inline4 DOHC 4v	12/2006 - On	L4	79.0mm x 81.5mm	
	Z16YNG 1598cc Inline4 DOHC 4v	09/2001 - On	L4	79.0mm x 81.5mm	
	Z18XE/XEL 1796cc Inline4 DOHC 4v	09/2000 - On	L4	80.5mm x 88.2mm	
	Z18XER 1796cc Inline4 DOHC 4v	03/2004 - On	L4	80.5mm x 88.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Oil hole in upper and lower shell. Supercedes 4B1340 and 4B1345. Was 4B1451AL.</i>							
<b>4B1350A</b> STD, .25, .50, .75, 1.00		42.971/1.6918	46.000/1.8110	1.497/.0589	16.63/.655	F810	1350A
		42.987/1.6924	46.013/1.8115				IH

**2 Continued ...** **2**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, 0.25mm=Std+0.20mm, 0.50/0.75/1.00/1.25/1.50mm=Std+0.40mm. Was 5M1801A.</i>							
<b>5M1338A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	54.972/2.1642	59.000/2.3228	2.001/.0788	19.50/.768	F810	1338A IH
	3	54.985/2.1648	59.013/2.3233	2.001/.0788	25.90/1.020	F810	1339A(F) IH

**3 Engine** **3**

Engine	Year	Cyl	Bore x Stroke
16D 1598cc Inline4 SOHC 2v Diesel	03/1982 - 01/1989	L4	80.0mm x 79.5mm
16DA 1598cc Inline4 SOHC 2v Diesel	03/1982 - 12/1989	L4	80.0mm x 79.5mm
16N 1598cc Inline4 SOHC 2v	09/1979 - 08/1988	L4	80.0mm x 79.5mm
16SH 1598cc Inline4 SOHC 2v	09/1981 - 06/1993	L4	80.0mm x 79.5mm
17D 1700cc Inline4 SOHC 2v Diesel	01/1988 - 06/1994	L4	82.5mm x 79.5mm
17DR 1700cc Inline4 SOHC 2v Diesel	07/1992 - 01/1999	L4	82.5mm x 79.5mm
18E 1796cc Inline4 SOHC 2v	09/1982 - 08/1990	L4	84.8mm x 79.5mm
18N/NV 1796cc Inline4 SOHC 2v	09/1982 - 12/1989	L4	84.8mm x 79.5mm
18S 1796cc Inline4 SOHC 2v	07/1982 - 08/1987	L4	84.8mm x 79.5mm
18SE/SEH 1796cc Inline4 SOHC 2v	09/1986 - 09/1996	L4	84.8mm x 79.5mm
18SV 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	84.8mm x 79.5mm
20NE 1998cc Inline4 SOHC 2v	09/1986 - 02/1993	L4	86.0mm x 86.0mm
20NEJ 1998cc Inline4 SOHC 2v	10/1995 - 04/2002	L4	86.0mm x 86.0mm
20SE/SEH 1998cc Inline4 SOHC 2v	09/1986 - 12/2000	L4	86.0mm x 86.0mm
20SER 1998cc Inline4 SOHC 2v	09/1986 - 05/1992	L4	86.0mm x 86.0mm
20XE 1998cc Inline4 DOHC 4v	12/1987 - 08/1991	L4	86.0mm x 86.0mm
C18NE 1796cc Inline4 SOHC 2v	01/1985 - 08/1986	L4	84.8mm x 79.5mm
C18NT 1796cc Inline4 SOHC 2v	08/1984 - 09/1992	L4	84.8mm x 79.5mm
C18NV 1796cc Inline4 SOHC 2v	05/1985 - 08/1986	L4	84.8mm x 79.5mm
C18NZ 1796cc Inline4 SOHC 2v	06/1985 - 09/1998	L4	84.8mm x 79.5mm
C18XE/XEL 1796cc Inline4 DOHC 4v	01/1993 - 03/2001	L4	81.6mm x 86.0mm
C20NE/NEF 1998cc Inline4 SOHC 2v	09/1986 - 10/1998	L4	86.0mm x 86.0mm
C20SEL 1998cc Inline4 DOHC 4v	10/1995 - 01/2005	L4	86.0mm x 86.0mm
C20XE 1998cc Inline4 DOHC 4v	03/1988 - 01/1998	L4	86.0mm x 86.0mm
E18NV/NVR 1796cc Inline4 SOHC 2v	09/1986 - 08/1995	L4	84.8mm x 79.5mm
S18NV 1796cc Inline4 SOHC 2v	01/1985 - 03/1994	L4	84.8mm x 79.5mm
X18XE 1796cc Inline4 DOHC 4v	07/1994 - 03/2001	L4	81.6mm x 86.0mm
X20SE 1998cc Inline4 DOHC 4v	01/1994 - 12/2000	L4	86.0mm x 86.0mm
X20XEV 1998cc Inline4 DOHC 4v	02/1994 - 01/2005	L4	86.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
<b>4B2320A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2320A UL
		48.987/1.9286	52.012/2.0477				
<b>CONROD</b> <i>Has one oil hole in the upper shell at 13 degrees from centre.</i>							
<b>4B2320P</b> STD, .25, .50, .75, 1.00		52.000/2.0472	52.012/2.0477	1.500/.0591	19.30/.760	F780	2320 UL
		48.987/1.9286	52.012/2.0477				
<b>CONROD</b> <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A UL
		48.987/1.9286	52.012/2.0477				
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H UL
		48.987/1.9286	52.012/2.0477				
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX UL
		48.987/1.9286	52.012/2.0477				
<b>MAINS</b> <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
<b>5M2293A</b> STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL UL
		57.995/2.2833	62.013/2.4415				





3 Continued ...								3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M2293A</b> STD, .25, .50	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL	
		57.995/2.2833	62.013/2.4415				UL	
<b>MAINS</b>		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>						
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A	
		57.995/2.2833	62.013/2.4415				IH	
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)	
		57.995/2.2833	62.013/2.4415				IH	
<b>MAINS</b>		<i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>						
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A	
		57.995/2.2833	62.013/2.4415				IH	
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)	
		57.995/2.2833	62.013/2.4415				IH	

4 Engine				Year	Cyl	Bore x Stroke	4
C22SEL 2198cc Inline4 DOHC 4v				10/1999 - 09/2002	L4	86.0mm x 94.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b>		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
<b>5M2325A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F)
		57.995/2.2833	62.013/2.4415				IH

5 Engine				Year	Cyl	Bore x Stroke	5
X22SE 2198cc Inline 4 DOHC 4v				01/1996 - 12/2002	L4	86.0mm x 94.6mm	
X22XE 2198cc Inline4 DOHC 4v				01/1995 - 12/1999	L4	86.0mm x 94.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b>		<i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>					
<b>5M2325A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F)
		57.995/2.2833	62.013/2.4415				IH

**5 Continued ...** **5**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>5M2413 has over width flanges for undersizes: .25mm=Std+.10mm, .50/.75/1.00mm=Std+.20mm.</i>					
<b>5M2413P</b> STD, .25, .50, .75	1,2,4,5	57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	19.50/.768	F780	2413 IH
	3	57.974/2.2824 57.995/2.2833	62.000/2.4409 62.013/2.4415	1.995/.0785	25.90/1.020	F780	2414(F) IH

**6 Engine** **6**

Engine	Year	Cyl	Bore x Stroke
X25XE 2498cc V6 DOHC 4v	04/1993 - 08/2001	V6	81.6mm x 79.6mm
C25XE 2498cc V6 DOHC 4v	02/1993 - 03/1997	V6	81.6mm x 79.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2420A</b> STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	16.30/.642	F810	2420A IH
	<b>MAINS</b>						
<b>4M5564A</b> STD, .25, .50, .75, 1.00	1 Pair	67.981/2.6764 67.996/2.6770	71.999/2.8346 72.014/2.8352	1.994/.0785	20.00/.787	F810	5564A IH
	1 Pair	67.981/2.6764 67.996/2.6770	71.999/2.8346 72.014/2.8352	1.994/.0785	24.50/.965	F810	5566A(F) IH
	2 Pair	67.981/2.6764 67.996/2.6770	71.999/2.8346 72.014/2.8352	1.994/.0785	17.00/.669	F810	5565A UL

**7 Engine** **7**

Engine	Year	Cyl	Bore x Stroke
1.5L CIH 1492cc Inline4 SOHC 2v	01/1965 - 12/1971	L4	82.5mm x 69.8mm
1.7L CIH 1698cc Inline4 SOHC 2v	08/1967 - 08/1971	L4	88.0mm x 69.8mm
16N CIH 1584cc Inline4 SOHC 2v	09/1970 - 08/1981	L4	85.0mm x 69.8mm
16S CIH 1584cc Inline4 SOHC 2v	09/1970 - 12/1981	L4	85.0mm x 69.8mm
17N CIH 1698cc Inline4 SOHC 2v	08/1966 - 10/1982	L4	88.0mm x 69.8mm
17S CIH 1698cc Inline4 SOHC 2v	08/1966 - 02/1975	L4	88.0mm x 69.8mm
19E CIH 1897cc Inline4 SOHC 2v	08/1973 - 08/1981	L4	93.0mm x 69.8mm
19N CIH 1897cc Inline4 SOHC 2v	01/1965 - 12/1981	L4	93.0mm x 69.8mm
19S CIH 1897cc Inline4 SOHC 2v	08/1965 - 08/1981	L4	93.0mm x 69.9mm
19SH CIH 1897cc Inline4 SOHC 2v	01/1972 - 08/1977	L4	93.0mm x 69.8mm
20E CIH 1979cc Inline4 SOHC 2v	08/1973 - 08/1988	L4	95.0mm x 69.8mm
20N CIH 1979cc Inline4 SOHC 2v	01/1975 - 08/1986	L4	95.0mm x 69.8mm
20S CIH 1979cc Inline4 SOHC 2v	09/1975 - 08/1986	L4	95.0mm x 69.8mm
22E CIH 2197cc Inline4 SOHC 2v	11/1984 - 08/1987	L4	95.0mm x 77.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1370A</b> STD, 010, 020, 030, 040		51.968/2.0460 51.986/2.0467	54.988/2.1649 55.011/2.1658	1.450/.0571	19.70/.776	F810	1370A IH
	<b>CONROD</b>						
<b>4B1370P</b> STD, 010, 020, 030, 040		51.968/2.0460 51.986/2.0467	54.988/2.1649 55.011/2.1658	1.450/.0571	19.70/.776	F780	1370 IH
	<b>MAINS</b>	<i>Overwidth flanges for undersizes: 010/020/030/040"=Std+.26mm.</i>					
<b>5M1342A</b> STD, 010, 020, 030, 040	1,2,3,4	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	22.42/.883	F810	1342A IH
	5	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	27.41/1.079	F810	1343A(F) IH





8 Engine		Year	Cyl	Bore x Stroke	8		
Z20NET (Ecotech LK9) 1998cc Inline4 DOHC 4v Turbo		01/2003 - On	L4	86.0mm x 86.0mm			
Z22SE (Ecotech L61) 2198cc Inline4 DOHC 4v		01/2000 - On	L4	86.0mm x 94.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2296A</b> STD, .25, .50, .75		49.000/1.9291	52.118/2.0519	1.542/.0607	20.30/.799	F810	2296A
		49.014/1.9297	52.134/2.0525				
<b>MAINS</b>							
<b>5M2232A</b> STD, 10, 20	1,3,4,5	55.991/2.2044	64.066/2.5223	4.036/.1589	19.79/.779	F810	7320A
		56.007/2.2050	64.081/2.5229				UL
	2	55.991/2.2044	64.066/2.5223	4.041/.1591	25.88/1.019	F810	7321A(F)
		56.007/2.2050	64.081/2.5229				UL
9 Engine		Year	Cyl	Bore x Stroke	9		
X30XE 2962cc V6 DOHC 4v		04/1994 - 02/2001	V6	86.0mm x 85.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B5502A</b> STD, 0.25, 0.50		53.971/2.1248	57.000/2.2441	1.497/.0589	16.30/.642	F810	5502A
		53.987/2.1255	57.012/2.2446				
<b>MAINS</b>							
<b>4M5564A</b> STD, .25, .50, .75, 1.00	1 Pair	67.981/2.6764	71.999/2.8346	1.994/.0785	20.00/.787	F810	5564A
		67.996/2.6770	72.014/2.8352				IH
	1 Pair	67.981/2.6764	71.999/2.8346	1.994/.0785	24.50/.965	F810	5566A(F)
		67.996/2.6770	72.014/2.8352				IH
	2 Pair	67.981/2.6764	71.999/2.8346	1.994/.0785	17.00/.669	F810	5565A
		67.996/2.6770	72.014/2.8352				UL
10 Engine		Year	Cyl	Bore x Stroke	10		
Y22SE 2198cc Inline4 DOHC 4v		10/1998 - On	L4	86.0mm x 94.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2322A</b> STD, .25, .50, .75, 1.00		<i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>					
		48.971/1.9280	52.000/2.0472	1.500/.0591	19.30/.760	F810	2322A
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>					
		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b>							
<b>5M2293A</b> STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
<b>MAINS</b>							
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b>							
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

11	Engine	Year	Cyl	Bore x Stroke	11
	X20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - 01/2005	L4	84.0mm x 90.0mm	
	X20DTL 1995cc Inline4 4v Turbo Diesel	11/1996 - 06/2005	L4	84.0mm x 90.0mm	
	Y20DTH 1995cc Inline4 4v Turbo Diesel	06/1997 - On	L4	84.0mm x 90.0mm	
	Y20DTL 1995cc Inline4 4v Turbo Diesel	02/1998 - 06/2005	L4	84.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5290D</b> STD, .25, .50	<b>CONROD</b>	48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F810	5291A
		48.990/1.9287	52.012/2.0477				L
		48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F781	5290D
		48.990/1.9287	52.012/2.0477				U
<b>4B5290P</b> STD, .25, .50	<b>CONROD</b>	48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F780	5291
		48.990/1.9287	52.012/2.0477				L
		48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F780	5290
		48.990/1.9287	52.012/2.0477				U
<b>5M5287A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	67.980/2.6764	72.000/2.8346	1.995/.0785	19.50/.768	F810	5287A
		67.996/2.6770	72.013/2.8352				UL
	3	67.980/2.6764	72.000/2.8346	1.995/.0785	25.90/1.020	F810	5288A
		67.996/2.6770	72.013/2.8352				UL
<b>RB4119</b> UNB	<b>PISTON PIN BUSH</b>	28.995/1.1415	32.000/1.2598	1.800/.0709	26.80/1.055	F100	RB4119
		29.000/1.1417	32.051/1.2618				

12	Engine	Year	Cyl	Bore x Stroke	12
	X22DTH 2172cc Inline4 4v Turbo Diesel	07/1997 - 09/2002	L4	84.0mm x 98.0mm	
	Y22DTH 2172cc Inline4 4v Turbo Diesel	10/1998 - 07/2003	L4	84.0mm x 98.0mm	
	Y22DTR 2172cc Inline4 4v Turbo Diesel	09/2000 - 06/2008	L4	84.0mm x 98.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5290D</b> STD, .25, .50	<b>CONROD</b>	48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F781	5290D
		48.990/1.9287	52.012/2.0477				U
		48.971/1.9280	52.000/2.0472	1.500/.0591	20.30/.799	F810	5291A
		48.990/1.9287	52.012/2.0477				L
<b>5M5287A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5	67.980/2.6764	72.000/2.8346	1.995/.0785	19.50/.768	F810	5287A
		67.996/2.6770	72.013/2.8352				UL
	3	67.980/2.6764	72.000/2.8346	1.995/.0785	25.90/1.020	F810	5288A
		67.996/2.6770	72.013/2.8352				UL
<b>RB4119</b> UNB	<b>PISTON PIN BUSH</b>	28.995/1.1415	32.000/1.2598	1.800/.0709	26.80/1.055	F100	RB4119
		29.000/1.1417	32.051/1.2618				

13	Engine	Year	Cyl	Bore x Stroke	13
	C24NE 2410cc Inline4 SOHC 2v	09/1988 - 10/1998	L4	95.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5286P</b> STD, .25, .50	<b>CONROD</b>	51.971/2.0461	55.000/2.1654	1.499/.0590	19.61/.772	F780	5286	
		51.987/2.0467	55.012/2.1658				IH	
<b>5M1342A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Overwidth flanges for undersizes: 010/020/030/040"=Std+.26mm.</i>						
		1,2,3,4	57.988/2.2830	61.999/2.4409	1.986/.0782	22.42/.883	F810	1342A
			58.001/2.2835	62.014/2.4415				IH
		5	57.988/2.2830	61.999/2.4409	1.986/.0782	27.41/1.079	F810	1343A(F)
58.001/2.2835	62.014/2.4415					IH		





14 Engine		Year		Cyl	Bore x Stroke		14
17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v		09/1994 - 10/2001		L4	79.0mm x 86.0mm		
X17D (Isuzu 4EE1) 1686cc Inline4 SOHC 2v Diesel		07/1994 - 10/2001		L4	79.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1816A</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
<b>4B1816P</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
<b>MAINS</b> <i>Suits 56mm housing.</i>							
<b>5M1819A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL
<b>THRUST</b> <i>73.85mm OD.</i>							
<b>1T1867</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.21/.087	F817	1867T IH
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4232</b> UNB			30.000/1.1811	1.540/.0606	23.75/.935	F100	4RB4232
<b>PISTON PIN BUSH</b>							
<b>RB4232</b> UNB			30.000/1.1811	1.540/.0606	23.75/.935	F100	RB4232

15 Engine		Year		Cyl	Bore x Stroke		15
Y17DT 1686cc Inline4 SOHC 2v Turbo Diesel		02/2000 - 05/2010		L4	79.0mm x 86.0mm		
Y17DTL 1686cc Inline4 SOHC 2v Turbo Diesel		09/2000 - 05/2010		L4	79.0mm x 86.0mm		
Z17DTH 1686cc Inline4 SOHC 2v Turbo Diesel		06/2003 - 05/2010		L4	79.0mm x 86.0mm		
Z17DTL 1686cc Inline4 SOHC 2v Turbo Diesel		04/2003 - 07/2009		L4	79.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1816A</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F810	1816A IH
<b>4B1816P</b> STD, .25, .50, .75, 1.00, 1.25			48.980/1.9283 49.000/1.9291	1.506/.0593	16.83/.663	F780	1816 IH
<b>MAINS</b> <i>Suits 56mm housing.</i>							
<b>5M1819A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.925/2.0443 51.938/2.0448	55.976/2.2038 56.000/2.2047	2.006/.0790	15.50/.610	F810	1819A UL
<b>THRUST</b> <i>73.85mm OD.</i>							
<b>1T1867</b> STD		59.000/2.3228 59.250/2.3327	73.600/2.8976 73.850/2.9075		2.21/.087	F817	1867T IH
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4232</b> UNB			30.000/1.1811	1.540/.0606	23.75/.935	F100	4RB4232

16 Engine		Year		Cyl	Bore x Stroke		16
Z28NEL (HFV6) 2792cc V6 DOHC 4v Turbo		09/2005 - On		V6	89.0mm x 74.8mm		
Z28NET (HFV6) 2792cc V6 DOHC 4v Turbo		11/2005 - On		V6	89.0mm x 74.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2270A</b> STD, .25, .50, .75, 1.00		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.801/.0709	18.55/.730	F810	2270A IH
<b>RACE SERIES</b> <b>6B2270H</b> Std, .025, .25		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.798/.0708	18.55/.730	F781	2270H IH
<b>RACE SERIES</b> <b>6B2270HX</b> Std		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.785/.0703	18.55/.730	F781	2270HX IH

16 Continued ...							16
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2273A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	24.29/.956	F810	2274A(F) U
<b>RACE SERIES</b> <b>4M2273H</b> Std, .025, .25	<b>MAINS</b> 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	24.29/.956	F780	2274H(F) U
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H L
<b>RACE SERIES</b> <b>4M2273HX</b> Std	<b>MAINS</b> 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F780	2273HX UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F770	2273HX L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U

17 Engine	Year	Cyl	Bore x Stroke	17
25E CIH 2490cc Inline6 SOHC 2v	08/1979 - 08/1987	L6	87.0mm x 69.8mm	
25H CIH 2490cc Inline6 SOHC 4v	01/1972 - 08/1975	L6	87.0mm x 69.8mm	
25NE CIH 2490cc Inline6 SOHC 2v	09/1987 - 10/1990	L6	87.0mm x 69.8mm	
25S CIH 2490cc Inline6 SOHC 2v	01/1972 - 12/1982	L6	87.0mm x 69.8mm	
28E CIH 2784cc Inline6 SOHC 2v	03/1969 - 01/1978	L6	92.0mm x 69.8mm	
28H CIH 2784cc Inline6 SOHC 2v	03/1969 - 08/1987	L6	92.0mm x 69.8mm	
28S CIH 2784cc Inline6 SOHC 2v	01/1965 - 12/1978	L6	92.0mm x 69.8mm	
30E CIH 2969cc Inline6 SOHC 2v	02/1978 - 08/1987	L6	95.0mm x 69.8mm	
30H CIH 2969cc Inline6 SOHC 2v	02/1978 - 07/1982	L6	95.0mm x 69.8mm	
30NE CIH 2969cc Inline6 SOHC 2v	09/1986 - 10/1994	L6	95.0mm x 69.8mm	
C26NE 2594cc Inline4 DOHC 4v	09/1990 - 10/1994	L4	88.8mm x 69.8mm	
C30LE 2969cc Inline6 SOHC 2v	09/1985 - 08/1993	L6	95.0mm x 69.8mm	
C30NE 2969cc Inline6 SOHC 2v	09/1985 - 03/1994	L6	95.0mm x 69.8mm	
C30SE 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	95.0mm x 69.8mm	
C30SEJ 2969cc Inline6 DOHC 4v	01/1989 - 10/1994	L6	95.0mm x 69.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B1370A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	51.968/2.0460	54.988/2.1649	1.450/.0571	19.70/.776	F810	1370A IH	
		51.986/2.0467	55.011/2.1658					
<b>6B1370P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	51.968/2.0460	54.988/2.1649	1.450/.0571	19.70/.776	F780	1370 IH	
		51.986/2.0467	55.011/2.1658					
<b>7M1342A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Overwidth flanges for undersizes: 010/020/030/040"=Std+.26mm.</i>						
		1,2,3,4,5,6	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	22.42/.883	F810	1342A IH
		7	57.988/2.2830 58.001/2.2835	61.999/2.4409 62.014/2.4415	1.986/.0782	27.41/1.079	F810	1343A(F) IH

18 Engine	Year	Cyl	Bore x Stroke	18
Z13TD Euro 4 1248cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	69.6mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2890A</b> STD, .25, .50	<b>CONROD</b>			1.560/.0614	20.00/.787	F810	2890A IH





18 Continued ...							18
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2890P</b> STD, .25, .50	<b>CONROD</b>			1.560/.0614	20.00/.787	F780	2890 IH
<b>5M2894A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5			1.846/.0727	19.00/.748	F810	2894A UL
<b>1T2894A</b> STD	<b>THRUST</b>				2.36/.093	F817	2894T UL
<b>4RB4164</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.			22.50/.886	F100	4RB4164
<b>RB4164</b> UNB	<b>PISTON PIN BUSH</b>				22.50/.886	F100	RB4164

19 Engine				Year	Cyl	Bore x Stroke	19
Y13DT 1248cc Inline4 DOHC 4v Turbo Diesel				10/2004 - On	L4	69.6mm x 82.0mm	
Z13DT 1248cc Inline4 DOHC 4v Turbo Diesel				06/2003 - On	L4	69.6mm x 82.0mm	
Z13DTH 1248cc Inline4 DOHC 4v Turbo Diesel				04/2005 - On	L4	69.6mm x 82.0mm	
Z13DTJ 1248cc Inline4 DOHC 4v Turbo Diesel				09/2003 - On	L4	69.6mm x 82.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2890A</b> STD, .25, .50	<b>CONROD</b>			1.560/.0614	20.00/.787	F810	2890A IH
<b>4B2890P</b> STD, .25, .50	<b>CONROD</b>			1.560/.0614	20.00/.787	F780	2890 IH
<b>5M2895A</b> STD, .25, .50	<b>MAINS</b> 1,2,4,5			1.846/.0727	19.00/.748	F810	2894A UL
	3	50.982/2.0072 51.000/2.0079	54.710/2.1539 54.722/2.1544	1.840/.0724	23.95/.943	F810	2895A(F) UL

20 Engine				Year	Cyl	Bore x Stroke	20
X10XE 973cc Inline4 DOHC 4v				09/1996 - 08/1999	L4	72.5mm x 78.6mm	
Z10XE 973cc Inline4 DOHC 4v				09/1999 - 08/2003	L4	72.5mm x 78.6mm	
Z10XEP 973cc Inline4 DOHC 4v				09/2003 - On	L3	73.4mm x 78.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3B2423A</b> STD, .25, .50	<b>CONROD</b>	42.971/1.6918 42.987/1.6924	46.000/1.8110 46.012/1.8115	1.500/.0591	13.20/.520	F810	2423A IH
	<b>MAINS</b>	49.984/1.9679 49.997/1.9684 49.984/1.9679 49.997/1.9684	54.000/2.1260 54.013/2.1265 54.000/2.1260 54.013/2.1265	1.995/.0785 1.995/.0785	22.90/.902 17.10/.673	F810 F810	2424A(F) IH 2425A IH

21	Engine	Year	Cyl	Bore x Stroke	21
	X12XE 1199cc Inline4 DOHC 4v	09/1997 - 09/2003	L4	72.5mm x 72.6mm	
	Z12XE 1199cc Inline4 DOHC 4v	09/1997 - 08/2004	L4	72.5mm x 72.6mm	
	Z12XEP 1229cc Inline4 DOHC 4v	03/2004 - On	L4	73.4mm x 72.6mm	
	Z14XEL 1364cc Inline4 DOHC 4v	09/2004 - On	L4	73.4mm x 80.6mm	
	Z14XEP 1364cc Inline4 DOHC 4v	09/2003 - On	L4	73.4mm x 80.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2423A</b> STD, .25, .50	<b>CONROD</b>	42.971/1.6918	46.000/1.8110	1.500/.0591	13.20/.520	F810	2423A IH
		42.987/1.6924	46.012/1.8115				
<b>5M2425A</b> STD, .25, .50	<b>MAINS</b>	49.984/1.9679	54.000/2.1260	1.995/.0785	22.90/.902	F810	2424A(F) IH
		49.997/1.9684	54.013/2.1265				
		49.984/1.9679	54.000/2.1260	1.995/.0785	17.10/.673	F810	2425A IH
		49.997/1.9684	54.013/2.1265				

22	Engine	Year	Cyl	Bore x Stroke	22
	10N 993cc Inline4 OHV 2v	09/1962 - 08/1982	L4	72.0mm x 61.0mm	
	10S 993cc Inline4 OHV 2v	09/1962 - 03/1993	L4	72.0mm x 61.0mm	
	11N 1078cc Inline4 OHV 2v	09/1965 - 08/1973	L4	75.0mm x 61.0mm	
	11S 1078cc Inline4 OHV 2v	09/1965 - 07/1971	L4	75.0mm x 61.0mm	
	12N 1196cc Inline4 OHV 2v	08/1973 - 12/1986	L4	79.0mm x 61.0mm	
	12NC 1196cc Inline4 OHV 2v	09/1982 - 04/1989	L4	79.0mm x 61.0mm	
	12S 1196cc Inline4 OHV 2v	08/1971 - 08/1990	L4	79.0mm x 61.0mm	
	12SC 1196cc Inline4 OHV 2v	09/1984 - 07/1986	L4	79.0mm x 61.0mm	
	E12GV 1196cc Inline4 OHV 2v	09/1982 - 08/1990	L4	79.0mm x 61.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1371A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	44.971/1.7705	48.000/1.8898	1.499/.0590	19.20/.756	F810	1371A IH	
		44.987/1.7711	48.012/1.8902					
<b>3M1372A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Overwidth Flanges on Undersizes. STD=STD, 010=STD+0.20mm, 020/030/040=STD+0.40mm</i>						
		1	53.997/2.1259	58.000/2.2835	1.982/.0780	24.89/.980	F820	1372AL UL
			54.010/2.1264	58.013/2.2840				
		2	54.007/2.1263	58.000/2.2835	1.982/.0780	28.90/1.138	F820	1373AL(F) IH
			54.020/2.1268	58.013/2.2840				
		3	54.007/2.1263	58.000/2.2835	1.982/.0780	22.47/.885	F820	1374AL UL
	54.020/2.1268	58.013/2.2840						

23	Engine	Year	Cyl	Bore x Stroke	23
	F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	01/1999 - On	L4	80.0mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7816A</b> STD, .25, .50	<b>CONROD</b>	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
	48.020/1.8905	51.606/2.0317					
<b>4B7816P</b> STD, .25, .50	<b>CONROD</b>	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U
		48.020/1.8905	51.606/2.0317				
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
48.020/1.8905	51.606/2.0317						
<b>5M7808P</b> STD, .25, .50	<b>MAINS</b>	<i>Bearings have no notch.</i>					
		1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780
	54.795/2.1573	58.744/2.3128					
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>					
			60.500/2.3819	79.750/3.1398		2.35/.093	F817
	60.750/2.3917	80.000/3.1496					





23 Continued ...								23
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b>								
<b>RB4184</b>		27.996/1.1022	30.240/1.1905		24.65/.971	F100	RB4184	
		28.000/1.1024	30.260/1.1913					

24 Engine								24
F8Q Series 1870cc Inline4 SOHC 2v Diesel				Year	Cyl	Bore x Stroke		
				03/1998 - 08/2001	L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B7816A</b> STD, .25, .50		<i>Bearings have no notches.</i>						
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH	
		48.020/1.8905	51.606/2.0317					
		<i>Bearings have no notches.</i>						
<b>4B7816P</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U	
		48.020/1.8905	51.606/2.0317					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L	
		48.020/1.8905	51.606/2.0317					
<b>MAINS</b>								
<b>5M7808P</b> STD, .25, .50	1,2,3,4,5	<i>Bearings have no notch.</i>						
		54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL	
		54.795/2.1573	58.744/2.3128					
<b>THRUST</b>								
<b>1T7807</b> STD, .10		<i>Shaped washer with cutouts.</i>						
		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH	
		60.750/2.3917	80.000/3.1496					
<b>PISTON PIN BUSH</b>								
<b>4RB4185</b> UNB		<i>Set of 4.</i>						
		24.005/.9451	26.000/1.0236		24.75/.974	F100	4RB4185	
		24.012/.9454	26.021/1.0244					
<b>PISTON PIN BUSH</b>								
<b>RB4185</b> UNB		24.005/.9451	26.000/1.0236		24.75/.974	F100	RB4185	
		24.012/.9454	26.021/1.0244					

25 Engine								25
F4R Series 1998cc Inline4 DOHC 4v				Year	Cyl	Bore x Stroke		
				08/2001 - On	L4	82.7mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B7816A</b> STD, .25, .50		<i>Bearings have no notches.</i>						
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH	
		48.020/1.8905	51.606/2.0317					
<b>CONROD</b>								
<b>4B7816P</b> STD, .25, .50		<i>Bearings have no notches.</i>						
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U	
		48.020/1.8905	51.606/2.0317					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L	
		48.020/1.8905	51.606/2.0317					
<b>MAINS</b>								
<b>5M7808P</b> STD, .25, .50	1,2,3,4,5	<i>Bearings have no notch.</i>						
		54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL	
		54.795/2.1573	58.744/2.3128					
<b>THRUST</b>								
<b>1T7807</b> STD, .10		<i>Shaped washer with cutouts.</i>						
		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH	
		60.750/2.3917	80.000/3.1496					
<b>PISTON PIN BUSH</b>								
<b>RB4122</b> UNB			23.000/.9055	1.260/.0496	24.75/.974	F100	RB4122	
			23.021/.9063					

26 Engine								26
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel				Year	Cyl	Bore x Stroke		
				01/2006 - On	L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B7886P</b> STD, .25, .50		51.985/2.0466	55.600/2.1890	1.768/.0696	19.30/.760	F780	7886 U	
		52.000/2.0472	55.619/2.1897					

26 Continued ...							26
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7886P</b> STD, .25, .50		51.985/2.0466	55.600/2.1890	1.768/.0696	18.30/.721	F810	7886A L
		52.000/2.0472	55.619/2.1897				
<b>5M7888P</b> STD, .25, .50	MAINS 1,2,3,4,5	55.985/2.2041	59.998/2.3621	1.988/.0783	17.20/.677	F780	7888 L
		56.000/2.2047	60.011/2.3626				
	1,2,3,4,5	55.985/2.2041	59.998/2.3621	1.988/.0783	19.50/.768	F810	7888A U
		56.000/2.2047	60.011/2.3626				
<b>1T7888</b> STD	THRUST	65.000/2.5591	84.250/3.3169		2.65/.104	F817	7888T
		65.025/2.5600	84.500/3.3268				
<b>1T7889</b> STD	THRUST	65.600/2.5827	84.000/3.3071		2.70/.106	F817	7889T
		65.850/2.5925	84.250/3.3169				
<b>RB4183</b>	PISTON PIN BUSH	31.994/1.2596	34.985/1.3774		23.70/.933	F100	RB4183
		32.000/1.2598	35.010/1.3783				

27	Engine	Year	Cyl	Bore x Stroke	27
	X25TD 2498cc (BMW) Inline6 SOHC 2v Turbo Diesel	04/1994 - 02/2001	L6	80.0mm x 82.8mm	
	Y25TD 2497cc (BMW) Inline6 SOHC 2v Turbo Diesel	06/2001 - 09/2003	L6	80.0mm x 82.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1579D</b> STD, .25	CONROD	<i>Upper half only is Race plate.</i>		1.497/.0589	18.00/.709	F780	1579 L
		44.975/1.7707	48.000/1.8898				
		44.991/1.7713	48.016/1.8904	1.497/.0589	18.00/.709	F781	1579D U
		44.975/1.7707	48.000/1.8898				
<b>7M1532A</b> STD, .25, .50, .75, 1.00	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>		2.490/.0980	20.00/.787	F810	1538A UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.490/.0980	24.94/.982	F810	1539A(F) UL
		59.971/2.3611	65.000/2.5591				
RACE SERIES <b>7M1532H</b> STD, .025, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches.</i>		2.488/.0980	20.00/.787	F780	1538H UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.488/.0980	24.94/.982	F780	1539H(F) UL
		59.971/2.3611	65.000/2.5591				
RACE SERIES <b>7M1532HX</b> STD	MAINS	<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>		2.475/.0974	20.00/.787	F780	1538HX UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.475/.0974	24.94/.982	F780	1539HX(F) UL
		59.971/2.3611	65.000/2.5591				
<b>7M1532P</b> STD, .25, .50	MAINS	<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>		2.490/.0980	20.00/.787	F780	1538 UL
		59.971/2.3611	65.000/2.5591				
		59.990/2.3618	65.019/2.5598	2.490/.0980	24.94/.982	F780	1539(F) UL
		59.971/2.3611	65.000/2.5591				
<b>6RB4148</b> UNB	PISTON PIN BUSH	<i>Set of 6.</i>			22.20/.874	F100	6RB4148
		29.995/1.1809	31.995/1.2596				
<b>RB4148</b> UNB	PISTON PIN BUSH	30.000/1.1811	32.025/1.2608		22.20/.874	F100	RB4148
		29.995/1.1809	31.995/1.2596				
		30.000/1.1811	32.025/1.2608				





28 Engine		Year	Cyl	Bore x Stroke	28		
X17DTL 1700cc Inline4 SOHC 2v Turbo Diesel		07/1994 - 04/2005	L4	82.5mm x 79.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Shaft to be re-hardened after grinding.</i>							
<b>4B2410P</b> STD, .25, .50, .75		48.971/1.9280	52.000/2.0472	1.484/.0584	19.30/.760	F780	2410
		48.987/1.9286	52.012/2.0477				L
		48.971/1.9280	52.000/2.0472	1.510/.0594	19.30/.760	F780	2410
		48.987/1.9286	52.012/2.0477				U
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have 2 oil holes.</i>							
<b>5M2325A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2325A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b> <i>5M2413 has over width flanges for undersizes: .25mm=Std+.10mm, .50/.75/1.00mm=Std+.20mm.</i>							
<b>5M2413P</b> STD, .25, .50, .75	1,2,4,5	57.974/2.2824	62.000/2.4409	1.995/.0785	19.50/.768	F780	2413
		57.995/2.2833	62.013/2.4415				IH
	3	57.974/2.2824	62.000/2.4409	1.995/.0785	25.90/1.020	F780	2414(F)
		57.995/2.2833	62.013/2.4415				IH

29 Engine		Year	Cyl	Bore x Stroke	29		
C20LET 1998cc Inline4 DOHC 4v Turbo		03/1992 - 07/1997	L4	86.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280	52.000/2.0472	1.498/.0590	19.30/.760	F781	2322H
		48.987/1.9286	52.012/2.0477				UL
<b>RACE SERIES</b>							
<b>4B2322HX</b> STD		48.971/1.9280	52.000/2.0472	1.485/.0585	19.30/.760	F781	2322HX
		48.987/1.9286	52.012/2.0477				UL
<b>MAINS</b> <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>							
<b>5M2293A</b> STD, .25, .50	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F820	2293AL
		57.995/2.2833	62.013/2.4415				UL
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F820	2294AL
		57.995/2.2833	62.013/2.4415				UL
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>							
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2328A(F)
		57.995/2.2833	62.013/2.4415				IH
<b>MAINS</b> <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>							
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5	57.982/2.2828	62.000/2.4409	1.995/.0785	19.50/.768	F810	2327A
		57.995/2.2833	62.013/2.4415				IH
	3	57.982/2.2828	62.000/2.4409	1.995/.0785	25.90/1.020	F810	2329A(F)
		57.995/2.2833	62.013/2.4415				IH

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
TU9 954cc Inline4 SOHC 2v	10/1987 - 03/2001	L4	954	58	17
TU9M (CDY,CDZ) 954cc Inline4 SOHC 2v	09/1991 - 05/2005	L4	954	58	17
XV3 (108) 954cc Inline4 SOHC 2v	10/1972 - 10/1983	L4	954	58	18
XV5 (108) 954cc Inline4 SOHC 2v	09/1973 - 10/1983	L4	954	58	18
XV8 (108C) 954cc Inline4 SOHC 2v	02/1983 - 06/1988	L4	954	58	16
E1 1118cc Inline4	10/1985 - 07/1989	L4	1118	68	49
F1 1118cc Inline4	01/1987 - 12/1990	L4	1118	68	49
TU1 (H1B) 1124cc Inline4 SOHC 2v	08/1987 - 04/1996	L4	1124	68	20
TU1JP (HFZ,HFZ) 1124cc Inline4 SOHC 2v	06/1996 - On	L4	1124	68	19
TU1K 1124cc Inline4 SOHC 2v	07/1989 - 04/1996	L4	1124	68	20
TU1M (HDY,HDZ) 1124cc Inline4 SOHC 2v	07/1989 - On	L4	1124	68	20
TU1MZ 1124cc Inline4 SOHC 2v	07/1989 - 09/1998	L4	1124	68	20
XW3 (109) 1124cc Inline4 SOHC 2v	07/1976 - 06/1983	L4	1124	68	21
XW3S (121) 1124cc Inline4 SOHC 2v	09/1973 - 06/1980	L4	1124	68	37
XW7 (109F,109N) 1124cc Inline4 SOHC 2v	08/1979 - 10/1990	L4	1124	68	21
XK5 1127cc Inline4 2v	09/1975 - 12/1988	L4	1127	68	33
XZ5 (129) 1219cc Inline4 SOHC 2v	08/1979 - 06/1983	L4	1219	74	18
XL5 (118) 1290cc Inline4 2v	09/1970 - 08/1986	L4	1290	78	34
XL5S 1290cc Inline4 2v	08/1972 - 09/1975	L4	1290	78	34
XL5TR 1290cc Inline4 2v	11/1977 - 07/1990	L4	1290	78	34
G1A 1294cc Inline4	02/1984 - 07/1992	L4	1294	78	49
TU2.4 1294cc Inline4 SOHC 2v	10/1987 - 10/1990	L4	1294	78	20
TU2J2 1294cc Inline4 SOHC 2v	10/1993 - 04/1996	L4	1294	78	20
ET3J4 (KFU) 1360cc Inline4 DOHC 4v	10/2003 - On	L4	1360	82	22
TU3 (K5A) 1360cc Inline4 SOHC 2v	01/1987 - 04/1997	L4	1360	82	20
TU3.2 1360cc Inline4 SOHC 2v	08/1990 - On	L4	1360	82	19
TU3A (K1D) 1360cc Inline4 SOHC 2v	10/1987 - 12/1994	L4	1360	82	20
TU3A (KFT,KFW) 1360cc Inline4 SOHC 2v	08/2008 - On	L4	1360	82	20
TU3A (KFV) 1360cc Inline4 DOHC 4v	07/2002 - On	L4	1360	82	22
TU3CP (KAY) 1360cc Inline4 SOHC 2v	08/1987 - 09/1993	L4	1360	82	20
TU3J2/Z (KFZ) 1360cc Inline4 SOHC 2v	09/1991 - 04/1996	L4	1360	82	20
TU3JP (KFV) 1360cc Inline4 SOHC 2v	04/2005 - On	L4	1360	82	22
TU3JP (KFW,KFX) 1360cc Inline4 SOHC 2v	07/1988 - On	L4	1360	82	19
TU3M (KDY,KDZ) 1360cc Inline4 SOHC 2v	07/1988 - 09/1998	L4	1360	82	19
TU3MC (KDX) 1360cc Inline4 SOHC 2v	10/1988 - 05/2001	L4	1360	82	19
TU3S (K2B) 1360cc Inline4 SOHC 2v	06/1987 - 06/1994	L4	1360	82	20
TUD3Y (K9Y) 1360cc Inline4 SOHC 2v Diesel	09/1992 - 04/1996	L4	1360	82	23
XY6B (150) 1360cc Inline4 SOHC 2v	08/1979 - 07/1988	L4	1360	82	21
XY7 (150D,150G) 1360cc Inline4 SOHC 2v	02/1983 - 05/1989	L4	1360	82	21
XY8 (150B,150H) 1360cc Inline4 SOHC 2v	02/1983 - 05/1989	L4	1360	82	21
DV4C (8HR) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2006 - On	L4	1398	85	39
DV4TD (8HS) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	1398	85	39
DV4TD (8HT) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1398	85	39
DV4TD (8HX,8HZ) 1398cc Inline4 SOHC 2v Turbo Diesel	09/2001 - On	L4	1398	85	39
XB5/XB5P 1468cc Inline4 2v	05/1963 - 07/1970	L4	1468	89	3
XR5 (142) 1472cc Inline4 2v	11/1979 - 08/1986	L4	1472	89	35
XR5A (142) 1472cc Inline4 2v	09/1985 - 07/1990	L4	1472	89	35
XR5S (117) 1472cc Inline4 2v	05/1980 - 09/1982	L4	1472	89	35
TUD5 1527cc Inline4 SOHC 2v Diesel	06/1994 - On	L4	1527	93	54
XID (149) 1548cc Inline4 2v Diesel	11/1977 - 09/1982	L4	1548	94	36
DV6ATED4 (9HV,9HX) 1560cc Inline4 DOHC 4v Turbo Diesel	04/2005 - On	L4	1560	95	40
DV6BTED4 (9HT,9HW) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	1560	95	40
DV6C (9HL,9HR) 1560cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	1560	95	40
DV6CTED (9HD) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2012 - On	L4	1560	95	40
DV6DTED (9HF,9HP) 1560cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	1560	95	40
DV6TED4 (9HY,9HZ) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	1560	95	40
DV6UTED4 (9HU) 1560cc Inline4 DOHC 4v Turbo Diesel	01/2007 - On	L4	1560	95	40
XU51C (B1A,B1D,B1E) 1580cc Inline4 SOHC 2v	10/1982 - 09/1998	L4	1580	96	13





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
XU52C/K (B2A) 1580cc Inline4 SOHC 2v	01/1987 - 12/1993	L4	1580	96	13
XU5CP (BAZ) 1580cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	1580	96	13
XU5J (180A,180Z) 1580cc Inline4 SOHC 2v	12/1984 - 10/1990	L4	1580	96	13
XU5J (BJB) 1580cc Inline4 SOHC 2v	11/1985 - 09/1988	L4	1580	96	13
XU5JP (BFZ) 1580cc Inline4 SOHC 2v	08/1992 - 05/2004	L4	1580	96	14
XU5M (BDZ) 1580cc Inline4 SOHC 2v	07/1987 - 10/1996	L4	1580	96	14
XU5M2Z (BDY) 1580cc Inline4 SOHC 2v	07/1987 - 09/1998	L4	1580	96	14
XU5M3Z (BDY) 1580cc Inline4 SOHC 2v	10/1988 - 09/1998	L4	1580	96	14
XU5S (171) 1580cc Inline4 SOHC 2v	10/1982 - 07/1992	L4	1580	96	13
TU5J2 (NFW,NFY) 1587cc Inline4 SOHC 2v	01/1994 - 05/2005	L4	1587	96	24
TU5J4 (NFX) 1587cc Inline4 DOHC 4v	05/1996 - 05/2005	L4	1587	96	24
TU5JP (NFZ) 1587cc Inline4 SOHC 2v	05/1993 - On	L4	1587	96	24
TU5JP4 (N6A,NFU) 1587cc Inline4 DOHC 4v	08/2000 - On	L4	1587	96	24
EP6DT (5FR) 1598cc Inline4 DOHC 4v Turbo	10/2009 - On	L4	1598	97	25
EP6DT (5FT) 1598cc Inline4 DOHC 4v Turbo	09/2007 - On	L4	1598	97	25
EP6DT (5FV) 1598cc Inline4 DOHC 4v Turbo	06/2009 - On	L4	1598	97	25
EP6DT (5FX) 1598cc Inline4 DOHC 4v Turbo	02/2006 - On	L4	1598	97	25
EP6DTS (5FY) 1598cc Inline4 DOHC 4v Turbo	02/2007 - On	L4	1598	97	25
KF1 1618cc Inline4 2v	01/1962 - 12/1968	L4	1618	98	3
XC 1618cc Inline4 2v	01/1960 - 12/1963	L4	1618	98	3
XC5A 1618cc Inline4 2v	01/1962 - 09/1972	L4	1618	98	3
XC5P 1618cc Inline4 2v	08/1968 - 03/1980	L4	1618	98	30
XC6 1618cc Inline4 2v	11/1967 - 12/1971	L4	1618	98	31
XC7 1618cc Inline4 2v	01/1970 - 09/1972	L4	1618	98	31
XC7P 1618cc Inline4 2v	08/1968 - 12/1990	L4	1618	98	32
EW7A (6FY) 1749cc Inline4 DOHC 4v	09/2005 - On	L4	1749	106	26
EW7J4 (6FZ) 1749cc Inline4 DOHC 4v	10/2000 - On	L4	1749	106	26
XU7JB (LFX) 1761cc Inline4 SOHC 2v	05/1997 - 10/2004	L4	1761	107	15
XU7JP (LFW,LFZ) 1761cc Inline4 SOHC 2v	08/1992 - 08/2002	L4	1761	107	15
XU7JP4 (LFY) 1761cc Inline4 DOHC 4v	11/1995 - 04/2002	L4	1761	107	15
XUD7 (161A,A9A) 1769cc Inline4 SOHC 2v Diesel	10/1982 - 08/2002	L4	1769	107	53
XUD7T 1769cc Inline4 SOHC 2v Turbo Diesel	11/1989 - 09/1998	L4	1769	107	7
XUD7TE (A8A,A8B) 1769cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 09/1998	L4	1769	107	7
XUD7TEY (AJZ) 1769cc Inline4 SOHC 2v Turbo Diesel	10/1990 - 12/1992	L4	1769	107	7
KF5 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	1796	109	3
KF6 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	1796	109	3
XF6 1796cc Inline4 OHV 2v	01/1968 - 12/1970	L4	1796	109	3
XM 1796cc Inline4 OHV 2v	07/1968 - 02/1971	L4	1796	109	3
XM7 1796cc Inline4 OHV 2v	01/1971 - 12/1989	L4	1796	109	5
XM7A (105C) 1796cc Inline4 OHV 2v	10/1985 - 12/1993	L4	1796	109	4
XM7P 1796cc Inline4 OHV 2v	07/1970 - 12/1981	L4	1796	109	32
XM7T (169B) 1796cc Inline4 OHV 2v	05/1979 - 12/1993	L4	1796	109	4
DW8 (WJZ) 1868cc Inline4 SOHC 2v Diesel	06/1996 - On	L4	1868	113	6
DW8B (WJY) 1868cc Inline4 SOHC 2v Diesel	06/1998 - On	L4	1868	113	6
XU92C (D2A,D2C) 1905cc Inline4 SOHC 2v	07/1987 - 12/1992	L4	1905	116	12
XU9J1 (DFZ) 1905cc Inline4 SOHC 2v	03/1986 - 05/1997	L4	1905	116	11
XU9J2 (D6A) 1905cc Inline4 SOHC 2v	01/1989 - 12/1992	L4	1905	116	52
XU9J4 (D6C) 1905cc Inline4 DOHC 4v	07/1987 - 07/1992	L4	1905	116	12
XU9J4Z (DFW) 1905cc Inline4 DOHC 4v	04/1988 - 12/1993	L4	1905	116	12
XU9JA (D6B) 1905cc Inline4 SOHC 2v	10/1986 - 09/1998	L4	1905	116	11
XU9JAZ (DKZ) 1905cc Inline4 SOHC 2v	06/1987 - 05/1997	L4	1905	116	12
XU9M (DDZ) 1905cc Inline4 SOHC 2v	07/1988 - 12/1993	L4	1905	116	12
XU9S (159) 1905cc Inline4 SOHC 2v	10/1982 - 10/1987	L4	1905	116	11
XU9S (D2B) 1905cc Inline4 SOHC 2v	10/1985 - 07/1989	L4	1905	116	11
XUD9 (162,D9A) 1905cc Inline4 SOHC 2v Diesel	10/1982 - 05/1999	L4	1905	116	53
XUD9A (D9B,DJY) 1905cc Inline4 SOHC 2v Diesel	10/1988 - 04/2002	L4	1905	116	8
XUD9AU (D8C,D9B) 1905cc Inline4 SOHC 2v Diesel	03/1994 - On	L4	1905	116	8
XUD9BSD (DHV) 1905cc Inline4 SOHC 2v Turbo Diesel	03/1998 - 10/2003	L4	1905	116	7



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
XUD9K 1905cc Inline4 SOHC 2v Diesel	06/1986 - 09/1992	L4	1905	116	8
XUD9SD (DHW) 1905cc Inline4 SOHC 2v Turbo Diesel	10/1996 - 10/2004	L4	1905	116	7
XUD9TE (D8B) 1905cc Inline4 SOHC 2v Turbo Diesel	02/1996 - On	L4	1905	116	38
XUD9TE (DHX) 1905cc Inline4 SOHC 2v Turbo Diesel	07/1995 - On	L4	1905	116	38
XUD9TE (DHY) 1905cc Inline4 SOHC 2v Turbo Diesel	08/1992 - 05/2004	L4	1905	116	38
XUD9UTF (D8C) 1905cc Inline4 SOHC 2v Turbo Diesel	03/1994 - 04/2002	L4	1905	116	38
XUD9Y (DJZ) 1905cc Inline4 SOHC 2v Diesel	10/1987 - 05/2001	L4	1905	116	8
XD 4.88 1948cc Inline4 OHV 2v Diesel	04/1971 - 06/1987	L4	1948	118	1
XD88 1948cc Inline4 OHV 2v Diesel	01/1963 - 12/1975	L4	1948	118	1
XDP 4.88 1948cc Inline4 OHV 2v Diesel	10/1967 - 12/1990	L4	1948	118	1
XN1 1971cc Inline4 OHV 2v	01/1971 - 12/1993	L4	1971	120	5
XN1A (106E) 1971cc Inline4 OHV 2v	10/1985 - 12/1996	L4	1971	120	4
XN1P 1971cc Inline4 OHV 2v	03/1980 - 06/1987	L4	1971	120	5
XN1T (170B) 1971cc Inline4 OHV 2v	09/1981 - 12/1993	L4	1971	120	5
XN1TA (170C) 1971cc Inline4 OHV 2v	07/1987 - 12/1993	L4	1971	120	5
XN2 (107) 1971cc Inline4 OHV 2v	01/1971 - 08/1984	L4	1971	120	5
XN6 1971cc Inline4 OHV 2v	01/1980 - 06/1987	L4	1971	120	5
DEW10J4 (RFR) 1997cc Inline4 DOHC 4v	01/1999 - On	L4	1997	121	26
DW10ATED (RHS,RHZ) 1997cc Inline4 SOHC 2v Turbo Diesel	08/1999 - On	L4	1997	121	28
DW10ATED4 (RHM,RHT) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2002 - On	L4	1997	121	28
DW10ATED4 (RHW) 1997cc Inline4 DOHC 4v Turbo Diesel	08/1999 - On	L4	1997	121	28
DW10BTED (RHX) 1997cc Inline4 SOHC 2v Turbo Diesel	07/2000 - On	L4	1997	121	28
DW10BTED4 (RHR) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	1997	121	28
DW10CTED4 (RHE,RHH) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	1997	121	28
DW10TD (RHV,RHY) 1997cc Inline4 SOHC 2v Turbo Diesel	02/1999 - On	L4	1997	121	28
DW10UTD (RHV) 1997cc Inline4 SOHC 2v Turbo Diesel	08/2001 - On	L4	1997	121	28
DW10UTED4 (RHK) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	1997	121	28
EW10A (RFH,RFJ) 1997cc Inline4 DOHC 4v	03/2005 - On	L4	1997	121	26
EW10D (RLZ) 1997cc Inline4 DOHC 4v	05/2001 - 10/2004	L4	1997	121	26
EW10J4 (RFN) 1997cc Inline4 DOHC 4v	02/2000 - On	L4	1997	121	26
EW10J4S (RFK) 1997cc Inline4 DOHC 4v	10/2003 - On	L4	1997	121	26
XU102C (RSA) 1998cc Inline4 SOHC 2v	06/1989 - 02/2002	L4	1998	121	10
XU10J2 (RFU) 1998cc Inline4 SOHC 2v	06/1994 - 08/2002	L4	1998	121	27
XU10J2 (RFW) 1998cc Inline4 SOHC 2v	03/1994 - 04/2002	L4	1998	121	27
XU10J2 (RFX) 1998cc Inline4 SOHC 2v	06/1992 - 08/2002	L4	1998	121	10
XU10J2TE (RGX) 1998cc Inline4 SOHC 2v Turbo	07/1991 - 10/2004	L4	1998	121	9
XU10J2TE (RGY) 1998cc Inline4 SOHC 2v Turbo	07/1992 - 03/1999	L4	1998	121	9
XU10J2U (RFL) 1998cc Inline4 SOHC 2v	12/2001 - On	L4	1998	121	27
XU10J2Z (RFZ) 1998cc Inline4 SOHC 2v	06/1989 - 09/1999	L4	1998	121	10
XU10J4 (RFT) 1998cc Inline4 DOHC 4v	06/1994 - 05/2001	L4	1998	121	27
XU10J4R (RFV) 1998cc Inline4 DOHC 4v	07/1994 - 12/2004	L4	1998	121	27
XU10J4RS (RFS) 1998cc Inline4 DOHC 4v	03/1996 - 05/2001	L4	1998	121	27
XU10J4TE/Z (RGZ) 1998cc Inline4 DOHC 4v Turbo	08/1992 - 12/1995	L4	1998	121	9
XU10J4Z (RFY) 1998cc Inline4 DOHC 4v	08/1992 - 05/2001	L4	1998	121	10
XU10MZ 1998cc Inline4 SOHC 2v	06/1989 - 06/1994	L4	1998	121	10
XUD11ATE (PHZ) 2088cc Inline4 SOHC 3v Turbo Diesel	06/1989 - 09/1999	L4	2088	127	9
XUD11BTE (P8C) 2088cc Inline4 SOHC 3v Turbo Diesel	08/1994 - 10/2004	L4	2088	127	9
XD 4.90 2112cc Inline4 OHV 2v Diesel	01/1969 - 12/1990	L4	2112	128	1
XDP 4.90 2112cc Inline4 OHV 2v Diesel	08/1968 - 07/1977	L4	2112	128	1
XDP X90 2112cc Inline4 OHV 2v Diesel	10/1980 - 06/1987	L4	2112	128	1
XUD11A (P9A) 2138cc Inline4 SOHC 3v Diesel	06/1989 - 07/1995	L4	2138	130	9
ZDJ (851) 2165cc Inline4 SOHC 2v	05/1981 - 10/1984	L4	2165	132	51
DW12BTED4 (4HP) 2179cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	2179	132	29
DW12BTED4 (4HT) 2179cc Inline4 DOHC 4v Turbo Diesel	05/2006 - On	L4	2179	132	29
DW12C (4HL) 2179cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	2179	132	29
DW12MTED4 (4HN) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2007 - On	L4	2179	132	29
DW12TED4 (4HX) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2000 - On	L4	2179	132	29
DW12UTED (4HY) 2179cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	2179	132	29



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
XD2 (134) 2304cc Inline4 OHV 2v Diesel	01/1975 - 12/1989	L4	2304	140	2
XD2P94 2304cc Inline4 OHV 2v Diesel	07/1977 - 03/1980	L4	2304	140	44
XD2PX94 2304cc Inline4 OHV 2v Diesel	03/1980 - 07/1982	L4	2304	140	45
XD2S (147) 2304cc Inline4 OHV 2v Turbo Diesel	02/1979 - 12/1986	L4	2304	140	2
DJ5 (T9A) 2446cc Inline4 3v Diesel	03/1994 - 04/2002	L4	2446	149	47
DJ5T (T8A) 2446cc Inline4 3v Turbo Diesel	07/1994 - On	L4	2446	149	48
DJ5TED (THX) 2446cc Inline4 2v Turbo Diesel	10/1996 - 02/2002	L4	2446	149	48
DK5ATE (THY) 2446cc Inline4 3v Turbo Diesel	01/1993 - On	L4	2446	149	48
XD3 (155) 2498cc Inline4 OHV 2v Diesel	06/1981 - 12/1993	L4	2498	152	46
XD3P 2498cc Inline4 OHV 2v Diesel	07/1982 - 06/1987	L4	2498	152	46
XD3T (152A) 2498cc Inline4 OHV 2v Turbo Diesel	08/1983 - 12/1993	L4	2498	152	46
XD3TE (152B) 2498cc Inline4 OHV 2v Turbo Diesel	10/1986 - 12/1993	L4	2498	152	46
CRD93 (U25-661) 2499cc Inline4 2v Diesel	09/1981 - 02/1994	L4	2499	152	41
CRD93 2499cc Inline4 2v Diesel	09/1981 - 01/1994	L4	2499	152	41
CRD93L 2499cc Inline4 2v Diesel	09/1981 - 01/1994	L4	2499	152	42
CRD93LS (U25-673) 2499cc Inline4 2v Diesel	10/1990 - 02/1994	L4	2499	152	43
8140.43N 2800cc Inline4 SOHC 2v Turbo Diesel	04/2004 - On	L4	2800	170	50
8140.43S (F28DTCR) 2800cc Inline4 SOHC 2v Turbo Diesel	10/2000 - On	L4	2800	170	50
8140.63 (F28D) 2800cc Inline4 SOHC 2v Diesel	01/1999 - 02/2002	L4	2800	170	50



1	Engine	Year	Cyl	Bore x Stroke	1
	XD 4.88 1948cc Inline4 OHV 2v Diesel	04/1971 - 06/1987	L4	88.0mm x 80.0mm	
	XD 4.90 2112cc Inline4 OHV 2v Diesel	01/1969 - 12/1990	L4	90.0mm x 83.0mm	
	XD88 1948cc Inline4 OHV 2v Diesel	01/1963 - 12/1975	L4	88.0mm x 80.0mm	
	XDP 4.88 1948cc Inline4 OHV 2v Diesel	10/1967 - 12/1990	L4	88.0mm x 80.0mm	
	XDP 4.90 2112cc Inline4 OHV 2v Diesel	08/1968 - 07/1977	L4	90.0mm x 83.0mm	
	XDP X90 2112cc Inline4 OHV 2v Diesel	10/1980 - 06/1987	L4	90.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2731A</b> STD, .30, .50, .80, 1.00	<b>CONROD</b>	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.842/.0725	29.00/1.142	F810	2731A IH
<b>5M2734A</b> STD, .30, .50, .80	<b>MAINS</b> 1,3,5	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	29.97/1.180	F810	2734A UL
	2,4	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	21.97/.865	F810	2735A UL
<b>2T2734</b> STD	<b>THRUST</b>	61.976/2.4400 62.204/2.4490	79.730/3.1390 79.784/3.1411		2.34/.092	F817	2734T UL
<b>4RB4204</b> UNB	<b>PISTON PIN BUSH</b>	27.994/1.1021 28.000/1.1024	30.950/1.2185 30.975/1.2195		29.70/1.169	F100	4RB4204
<b>RB4204</b> UNB	<b>PISTON PIN BUSH</b>	27.994/1.1021 28.000/1.1024	30.950/1.2185 30.975/1.2195		29.70/1.169	F100	RB4204

2	Engine	Year	Cyl	Bore x Stroke	2
	XD2 (134) 2304cc Inline4 OHV 2v Diesel	01/1975 - 12/1989	L4	94.0mm x 83.0mm	
	XD2S (147) 2304cc Inline4 OHV 2v Turbo Diesel	02/1979 - 12/1986	L4	94.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2731A</b> STD, .30, .50, .80, 1.00	<b>CONROD</b>	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.842/.0725	29.00/1.142	F810	2731A IH
<b>4B7750A</b> STD, .30, .50, .80, 1.00	<b>CONROD</b>	54.994/2.1651 55.021/2.1662	58.737/2.3125 58.750/2.3130	1.838/.0724	29.00/1.142	F810	7750A IH
<b>5M2734A</b> STD, .30, .50, .80	<b>MAINS</b> 1,3,5	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	29.97/1.180	F810	2734A UL
	2,4	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.842/.0725	21.97/.865	F810	2735A UL
<b>5M7752A</b> STD, .30, .50, .80	<b>MAINS</b> 1,3,5	54.994/2.1651 55.009/2.1657	58.731/2.3122 58.750/2.3130	1.835/.0722	30.00/1.181	F810	7752A UL
	2,4	63.737/2.5093 60.021/2.3630		1.837/.0723	24.00/.945	F810	7753A UL
<b>2T2734</b> STD	<b>THRUST</b>	61.976/2.4400 62.204/2.4490	79.730/3.1390 79.784/3.1411		2.34/.092	F817	2734T UL
<b>2T7752</b> STD	<b>THRUST</b>	67.000/2.6378 67.250/2.6476	84.750/3.3366 85.000/3.3465		2.33/.092	F250	7752T UL
<b>4RB4204</b> UNB	<b>PISTON PIN BUSH</b>	27.994/1.1021 28.000/1.1024	30.950/1.2185 30.975/1.2195		29.70/1.169	F100	4RB4204
<b>4RB4208</b> UNB	<b>PISTON PIN BUSH</b>	30.007/1.1814 30.020/1.1819	33.000/1.2992 33.025/1.3002		29.70/1.169	F100	4RB4208





2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4204</b> UNB		27.994/1.1021	30.950/1.2185		29.70/1.169	F100	RB4204
		28.000/1.1024	30.975/1.2195				
<b>PISTON PIN BUSH</b>							
<b>RB4208</b> UNB		30.007/1.1814	33.000/1.2992		29.70/1.169	F100	RB4208
		30.020/1.1819	33.025/1.3002				

3 Engine		Year	Cyl	Bore x Stroke	3
KF1 1618cc Inline4 2v		01/1962 - 12/1968	L4	84.0mm x 73.0mm	
KF5 1796cc Inline4 OHV 2v		07/1968 - 02/1971	L4	84.0mm x 81.0mm	
KF6 1796cc Inline4 OHV 2v		07/1968 - 02/1971	L4	84.0mm x 81.0mm	
XB5/XB5P 1468cc Inline4 2v		05/1963 - 07/1970	L4	80.0mm x 73.0mm	
XC 1618cc Inline4 2v		01/1960 - 12/1963	L4	84.0mm x 73.0mm	
XC5A 1618cc Inline4 2v		01/1962 - 09/1972	L4	84.0mm x 73.0mm	
XF6 1796cc Inline4 OHV 2v		01/1968 - 12/1970	L4	84.0mm x 81.0mm	
XM 1796cc Inline4 OHV 2v		07/1968 - 02/1971	L4	84.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7891A</b> STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A IH
		49.990/1.9681	53.673/2.1131				

4 Engine		Year	Cyl	Bore x Stroke	4
XM7A (105C) 1796cc Inline4 OHV 2v		10/1985 - 12/1993	L4	84.0mm x 81.0mm	
XM7T (169B) 1796cc Inline4 OHV 2v		05/1979 - 12/1993	L4	84.0mm x 81.0mm	
XN1A (106E) 1971cc Inline4 OHV 2v		10/1985 - 12/1996	L4	88.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7891A</b> STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A IH
		49.990/1.9681	53.673/2.1131				

<b>MAINS</b>							
<b>5M7894A</b> STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.35/1.156	F810	7894A IH
		54.920/2.1622	58.750/2.3130				

<b>MAINS</b>							
<b>5M7915A</b> STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A IH
		51.181/2.0150	55.011/2.1658				

<b>THRUST</b>							
<b>2T7899</b> STD		61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T
		61.650/2.4272	72.800/2.8661				UL

<b>PISTON PIN BUSH</b>							
<b>RB4197</b>		22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				



5	Engine	Year	Cyl	Bore x Stroke	5
	XM7 1796cc Inline4 OHV 2v	01/1971 - 12/1989	L4	84.0mm x 81.0mm	
	XN1 1971cc Inline4 OHV 2v	01/1971 - 12/1993	L4	88.0mm x 88.0mm	
	XN1P 1971cc Inline4 OHV 2v	03/1980 - 06/1987	L4	88.0mm x 81.0mm	
	XN1T (170B) 1971cc Inline4 OHV 2v	09/1981 - 12/1993	L4	88.0mm x 81.0mm	
	XN1TA (170C) 1971cc Inline4 OHV 2v	07/1987 - 12/1993	L4	88.0mm x 81.0mm	
	XN2 (107) 1971cc Inline4 OHV 2v	01/1971 - 08/1984	L4	88.0mm x 81.0mm	
	XN6 1971cc Inline4 OHV 2v	01/1980 - 06/1987	L4	88.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B7891A</b> STD, .30, .50, .80, 1.00	<b>CONROD</b>	49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A IH
		49.990/1.9681	53.673/2.1131				

<b>5M7894A</b> STD, .30, .50, .80, 1.00	<b>MAINS</b>						
	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.35/1.156	F810	7894A IH
	54.920/2.1622	58.750/2.3130					

<b>5M7899A</b> STD, .30, .50, .80, 1.00	<b>MAINS</b>						
	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A IH
	54.920/2.1622	58.750/2.3130					

<b>5M7915A</b> STD, .30, .50, .80, 1.00	<b>MAINS</b>						
	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A IH
		59.416/2.3392	63.246/2.4900				
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A IH
		58.573/2.3060	62.403/2.4568				
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A IH
		57.189/2.2515	61.019/2.4023				
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A IH
		56.165/2.2112	59.995/2.3620				
	5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A IH
	51.181/2.0150	55.011/2.1658					

<b>2T7899</b> STD	<b>THRUST</b>	61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T UL
		61.650/2.4272	72.800/2.8661				
		61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T UL
		61.650/2.4272	72.800/2.8661				

<b>RB4197</b>	<b>PISTON PIN BUSH</b>	22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				

6	Engine	Year	Cyl	Bore x Stroke	6
	DW8 (WJZ) 1868cc Inline4 SOHC 2v Diesel	06/1996 - On	L4	82.2mm x 88.0mm	
	DW8B (WJY) 1868cc Inline4 SOHC 2v Diesel	06/1998 - On	L4	82.2mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B7730A</b> STD, .30, .50	<b>CONROD</b>	49.984/1.9679	53.695/2.1140	1.830/.0720	20.05/.789	F810	7730A IH
		50.000/1.9685	53.708/2.1145				





6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1677A</b> STD, .30, .50, .80	<b>MAINS</b> 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	<b>THRUST</b>	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F817	7718T
<b>2T7717</b> STD		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F817	7717T
<b>RB4123</b>	<b>PISTON PIN BUSH</b>	25.007/.9845 25.020/.9850	27.200/1.0709 27.221/1.0717	1.480/.0583	24.05/.947	F100	RB4123

7 Engine	Year	Cyl	Bore x Stroke	7
XUD7T 1769cc Inline4 SOHC 2v Turbo Diesel	11/1989 - 09/1998	L4	80.0mm x 88.0mm	
XUD7TE (A8A,A8B) 1769cc Inline4 SOHC 2v Turbo Diesel	03/1988 - 09/1998	L4	80.0mm x 88.0mm	
XUD7TEY (AJZ) 1769cc Inline4 SOHC 2v Turbo Diesel	10/1990 - 12/1992	L4	80.0mm x 88.0mm	
XUD9BSD (DHV) 1905cc Inline4 SOHC 2v Turbo Diesel	03/1998 - 10/2003	L4	83.0mm x 88.0mm	
XUD9SD (DHW) 1905cc Inline4 SOHC 2v Turbo Diesel	10/1996 - 10/2004	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1670P</b> STD, .30, .50, .80	<b>CONROD</b>	<i>Uses identical halves.</i>		1.830/.0720	20.00/.787	F780	1670 IH
		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145				
<b>5M1677A</b> STD, .30, .50, .80	<b>MAINS</b> 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	<b>THRUST</b>	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.88/.074	F817	7715T UL
<b>RB4201</b> UNB	<b>PISTON PIN BUSH</b>	28.007/1.1026 28.020/1.1031	30.200/1.1890 30.221/1.1898		23.10/.909		RB4201

8 Engine	Year	Cyl	Bore x Stroke	8
XUD9A (D9B,DJY) 1905cc Inline4 SOHC 2v Diesel	10/1988 - 04/2002	L4	83.0mm x 88.0mm	
XUD9AU (D8C,D9B) 1905cc Inline4 SOHC 2v Diesel	03/1994 - On	L4	83.0mm x 88.0mm	
XUD9K 1905cc Inline4 SOHC 2v Diesel	06/1986 - 09/1992	L4	83.0mm x 88.0mm	
XUD9Y (DJZ) 1905cc Inline4 SOHC 2v Diesel	10/1987 - 05/2001	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7730A</b> STD, .30, .50	<b>CONROD</b>	49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.830/.0720	20.05/.789	F810	7730A IH
<b>5M1677A</b> STD, .30, .50, .80	<b>MAINS</b> 1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	<b>THRUST</b>	67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F250	7703T UL
<b>4RB4123</b> UNB	<b>PISTON PIN BUSH</b>	25.007/.9845 25.020/.9850	27.000/1.0630 27.021/1.0638		24.15/.951	F100	4RB4123
<b>RB4123</b>	<b>PISTON PIN BUSH</b>	25.007/.9845 25.020/.9850	27.200/1.0709 27.221/1.0717	1.480/.0583	24.05/.947	F100	RB4123

9	Engine	Year	Cyl	Bore x Stroke	9
	XU10J2TE (RGX) 1998cc Inline4 SOHC 2v Turbo	07/1991 - 10/2004	L4	86.0mm x 86.0mm	
	XU10J2TE (RGY) 1998cc Inline4 SOHC 2v Turbo	07/1992 - 03/1999	L4	86.0mm x 86.0mm	
	XU10J4TE/Z (RGZ) 1998cc Inline4 DOHC 4v Turbo	08/1992 - 12/1995	L4	86.0mm x 86.0mm	
	XUD11A (P9A) 2138cc Inline4 SOHC 3v Diesel	06/1989 - 07/1995	L4	86.0mm x 92.0mm	
	XUD11ATE (PHZ) 2088cc Inline4 SOHC 3v Turbo Diesel	06/1989 - 09/1999	L4	85.0mm x 92.0mm	
	XUD11BTE (P8C) 2088cc Inline4 SOHC 3v Turbo Diesel	08/1994 - 10/2004	L4	85.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>21.95mm wide bearing.</i>					
<b>4B7722P</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.843/.0726	21.95/.864	F780	7722 IH
	<b>MAINS</b>	<i>Set contains 6 grooved and 4 plain shells.</i>					
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	<b>THRUST</b>	<i>Set contains 6 grooved and 4 plain shells.</i>					
<b>2T7715</b> STD		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.88/.074	F817	7715T UL

10	Engine	Year	Cyl	Bore x Stroke	10
	XU102C (R5A) 1998cc Inline4 SOHC 2v	06/1989 - 02/2002	L4	86.0mm x 86.0mm	
	XU10J2 (RFX) 1998cc Inline4 SOHC 2v	06/1992 - 08/2002	L4	86.0mm x 86.0mm	
	XU10J2Z (RFZ) 1998cc Inline4 SOHC 2v	06/1989 - 09/1999	L4	86.0mm x 86.0mm	
	XU10J4Z (RFY) 1998cc Inline4 DOHC 4v	08/1992 - 05/2001	L4	86.0mm x 86.0mm	
	XU10MZ 1998cc Inline4 SOHC 2v	06/1989 - 06/1994	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>21.95mm wide bearing.</i>					
<b>4B7716A</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.834/.0722	21.95/.864	F810	7716A IH
	<b>CONROD</b>	<i>20.25mm wide bearing.</i>					
<b>4B7746A</b> STD, .30		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.837/.0723	20.25/.797	F810	7746A IH
	<b>MAINS</b>	<i>Set contains 6 grooved and 4 plain shells.</i>					
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
	<b>THRUST</b>	<i>Set contains 6 grooved and 4 plain shells.</i>					
<b>2T7715</b> STD		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		1.88/.074	F817	7715T UL

11	Engine	Year	Cyl	Bore x Stroke	11
	XU9J1 (DFZ) 1905cc Inline4 SOHC 2v	03/1986 - 05/1997	L4	83.0mm x 88.0mm	
	XU9JA (D6B) 1905cc Inline4 SOHC 2v	10/1986 - 09/1998	L4	83.0mm x 88.0mm	
	XU9S (159) 1905cc Inline4 SOHC 2v	10/1982 - 10/1987	L4	83.0mm x 88.0mm	
	XU9S (D2B) 1905cc Inline4 SOHC 2v	10/1985 - 07/1989	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>20.25mm wide bearing.</i>					
<b>4B7700A</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F810	7700A IH
	<b>CONROD</b>	<i>20.25mm wide bearing.</i>					
<b>RACE SERIES</b> <b>4B7700H</b> STD, .25		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.834/.0722	20.25/.797	F781	7700H IH
	<b>CONROD</b>	<i>20.25mm wide bearing.</i>					
<b>4B7700P</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F780	7700 IH
	<b>MAINS</b>	<i>Set contains 6 grooved and 4 plain shells.</i>					
<b>5M7703A</b> STD, .30, .50		59.990/2.3618 60.000/2.3622 59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089 63.718/2.5086 63.727/2.5089	1.845/.0726 1.845/.0726	20.29/.799 20.29/.799	F810 F810	7703A IH 7704A L





11 Continued ...							11
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Set contains 5 grooved and 5 plain shells.</i>					
<b>5M7704A</b> STD, .30, .50		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A L
		60.000/2.3622	63.727/2.5089				
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A IH
		60.000/2.3622	63.727/2.5089				
<b>MAINS</b>		<i>Set contains 8 plain shells and 2 grooved shells.</i>					
<b>5M7743A</b> STD, .30	1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810	7743A UL
		60.000/2.3622	63.727/2.5089				
<b>MAINS</b>		<i>Set contains 6 plain shells and 4 grooved shells.</i>					
<b>5M7744A</b> STD, .30	1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810	7744A UL
		60.000/2.3622	63.727/2.5089				
<b>THRUST</b>							
<b>2T7703</b> STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T UL
		67.300/2.6496	83.300/3.2795				

12 Engine	Year	Cyl	Bore x Stroke	12
XU92C (D2A,D2C) 1905cc Inline4 SOHC 2v	07/1987 - 12/1992	L4	83.0mm x 88.0mm	
XU9J4 (D6C) 1905cc Inline4 DOHC 4v	07/1987 - 07/1992	L4	83.0mm x 88.0mm	
XU9J4Z (DFW) 1905cc Inline4 DOHC 4v	04/1988 - 12/1993	L4	83.0mm x 88.0mm	
XU9JAZ (DKZ) 1905cc Inline4 SOHC 2v	06/1987 - 05/1997	L4	83.0mm x 88.0mm	
XU9M (DDZ) 1905cc Inline4 SOHC 2v	07/1988 - 12/1993	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>20.25mm wide bearing.</i>					
<b>4B7700A</b> STD, .30, .50		49.984/1.9679	53.695/2.1140	1.836/.0723	20.25/.797	F810	7700A IH
		50.000/1.9685	53.708/2.1145				
<b>RACE SERIES</b> <b>4B7700H</b> STD, .25	<b>CONROD</b>	49.984/1.9679	53.695/2.1140	1.834/.0722	20.25/.797	F781	7700H IH
		50.000/1.9685	53.708/2.1145				
<b>4B7700P</b> STD, .30, .50	<b>CONROD</b>	49.984/1.9679	53.695/2.1140	1.836/.0723	20.25/.797	F780	7700 IH
		50.000/1.9685	53.708/2.1145				
<b>MAINS</b>		<i>Set contains 6 grooved and 4 plain shells.</i>					
<b>5M7703A</b> STD, .30, .50		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A IH
		60.000/2.3622	63.727/2.5089				
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A L
		60.000/2.3622	63.727/2.5089				
<b>MAINS</b>		<i>Set contains 5 grooved and 5 plain shells.</i>					
<b>5M7704A</b> STD, .30, .50		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A L
		60.000/2.3622	63.727/2.5089				
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A IH
		60.000/2.3622	63.727/2.5089				
<b>THRUST</b>							
<b>2T7703</b> STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T UL
		67.300/2.6496	83.300/3.2795				

13 Engine	Year	Cyl	Bore x Stroke	13
XU51C (B1A,B1D,B1E) 1580cc Inline4 SOHC 2v	10/1982 - 09/1998	L4	83.0mm x 73.0mm	
XU52C/K (B2A) 1580cc Inline4 SOHC 2v	01/1987 - 12/1993	L4	83.0mm x 73.0mm	
XU5CP (BAZ) 1580cc Inline4 SOHC 2v	09/1986 - 09/1998	L4	83.0mm x 73.0mm	
XU5J (180A,180Z) 1580cc Inline4 SOHC 2v	12/1984 - 10/1990	L4	83.0mm x 73.0mm	
XU5J (BJB) 1580cc Inline4 SOHC 2v	11/1985 - 09/1988	L4	83.0mm x 73.0mm	
XU5S (171) 1580cc Inline4 SOHC 2v	10/1982 - 07/1992	L4	83.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7740A</b> STD, .30		44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740A IH
		44.991/1.7713	48.671/1.9162				

**13 Continued ... 13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7740P</b> STD, .30	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740
		44.991/1.7713	48.671/1.9162				IH
<b>5M7704A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 5 grooved and 5 plain shells.</i>					
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A
		60.000/2.3622	63.727/2.5089				IH
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A
		60.000/2.3622	63.727/2.5089				L
<b>5M7742A</b> STD, .30	<b>MAINS</b>	<i>Set contains 3 plain shells and 7 grooved shells.</i>					
		1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810
		60.000/2.3622	63.727/2.5089				UL
<b>5M7743A</b> STD, .30	<b>MAINS</b>	<i>Set contains 8 plain shells and 2 grooved shells.</i>					
		1,2,3,4,5	59.990/2.3618	63.718/2.5086	1.845/.0726	20.30/.799	F810
		60.000/2.3622	63.727/2.5089				UL
<b>2T7703</b> STD, .10, .15	<b>THRUST</b>	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL

**14 Engine Year Cyl Bore x Stroke 14**

XU5JP (BFZ) 1580cc Inline4 SOHC 2v	08/1992 - 05/2004	L4	83.0mm x 73.0mm
XU5M (BDZ) 1580cc Inline4 SOHC 2v	07/1987 - 10/1996	L4	83.0mm x 73.0mm
XU5M2Z (BDY) 1580cc Inline4 SOHC 2v	07/1987 - 09/1998	L4	83.0mm x 73.0mm
XU5M3Z (BDY) 1580cc Inline4 SOHC 2v	10/1988 - 09/1998	L4	83.0mm x 73.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B7740A</b> STD, .30	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740A
		44.991/1.7713	48.671/1.9162				IH
<b>4B7740P</b> STD, .30	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	20.25/.797	F780	7740
		44.991/1.7713	48.671/1.9162				IH
<b>5M7704A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 5 grooved and 5 plain shells.</i>					
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A
		60.000/2.3622	63.727/2.5089				IH
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A
		60.000/2.3622	63.727/2.5089				L
<b>2T7703</b> STD, .10, .15	<b>THRUST</b>	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL

**15 Engine Year Cyl Bore x Stroke 15**

XU7JB (LFX) 1761cc Inline4 SOHC 2v	05/1997 - 10/2004	L4	83.0mm x 81.4mm
XU7JP (LFW,LFZ) 1761cc Inline4 SOHC 2v	08/1992 - 08/2002	L4	83.0mm x 81.4mm
XU7JP4 (LFY) 1761cc Inline4 DOHC 4v	11/1995 - 04/2002	L4	83.0mm x 81.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B7736A</b> STD, .30	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.821/.0717	22.50/.886	F810	7736A
		44.991/1.7713	48.671/1.9162				IH
<b>RACE SERIES</b> <b>4B7736H</b> STD, .30	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.821/.0717	22.50/.886	F781	7736H
		44.991/1.7713	48.671/1.9162				IH
<b>5M7704A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 5 grooved and 5 plain shells.</i>					
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7703A
		60.000/2.3622	63.727/2.5089				IH
		59.990/2.3618	63.718/2.5086	1.845/.0726	20.29/.799	F810	7704A
		60.000/2.3622	63.727/2.5089				L





15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T7703</b> STD, .10, .15	<b>THRUST</b>	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
<b>6C7778A</b> STD	<b>CAMS</b>	27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7778A
		28.000/1.1024	31.218/1.2291				IH
		27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7779A
		28.000/1.1024	31.218/1.2291				IH

16 Engine				Year	Cyl	Bore x Stroke	16
XV8 (108C) 954cc Inline4 SOHC 2v				02/1983 - 06/1988	L4	70.0mm x 62.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7712A</b> STD, .30, .50	<b>CONROD</b>	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A
<b>RACE SERIES 4B7712H</b> STD, .30, .50	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H
		44.991/1.7713	48.671/1.9162				IH
<b>RACE SERIES 4B7712HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX
<b>5M7708A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 4 grooved and 6 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
<b>5M7723A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 5 grooved and 5 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A
<b>5M7725A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 2 grooved and 8 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A
<b>5M7728A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 7 grooved and 3 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A
<b>1T7707</b> STD, .15	<b>THRUST</b>	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T
		55.500/2.1850	73.450/2.8917				IH

17 Engine				Year	Cyl	Bore x Stroke	17
TU9 954cc Inline4 SOHC 2v				10/1987 - 03/2001	L4	70.0mm x 62.0mm	
TU9M (CDY,CDZ) 954cc Inline4 SOHC 2v				09/1991 - 05/2005	L4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7706A</b> STD, .30	<b>CONROD</b>	37.992/1.4957	41.128/1.6192	1.548/.0609	16.30/.642	F820	7706AL
		38.008/1.4964	41.144/1.6198				IH
<b>5M7708A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 4 grooved and 6 plain shells.</i>					
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A
		49.981/1.9678	53.674/2.1131				IH

17 Continued ...							17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Set contains 5 grooved and 5 plain shells.</i>					
<b>5M7723A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A IH
		49.981/1.9678	53.674/2.1131				
<b>MAINS</b>		<i>Set contains 2 grooved and 8 plain shells.</i>					
<b>5M7725A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A IH
		49.981/1.9678	53.674/2.1131				
<b>MAINS</b>		<i>Set contains 7 grooved and 3 plain shells.</i>					
<b>5M7728A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A IH
		49.981/1.9678	53.674/2.1131				
<b>THRUST</b>							
<b>1T7709</b> STD, .10		55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH
		55.500/2.1850	73.450/2.8917				

18	Engine	Year	Cyl	Bore x Stroke	18
	XV3 (108) 954cc Inline4 SOHC 2v	10/1972 - 10/1983	L4	70.0mm x 62.0mm	
	XV5 (108) 954cc Inline4 SOHC 2v	09/1973 - 10/1983	L4	70.0mm x 62.0mm	
	XZ5 (129) 1219cc Inline4 SOHC 2v	08/1979 - 06/1983	L4	75.0mm x 69.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Bearings are plain.</i>					
<b>4B7712A</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
		44.991/1.7713	48.671/1.9162				
<b>RACE SERIES</b>							
<b>4B7712H</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
<b>RACE SERIES</b>							
<b>4B7712HX</b> STD		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				
<b>MAINS</b>		<i>Set contains 7 grooved and 3 plain shells.</i>					
<b>5M7705A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7705A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7707A L
		49.981/1.9678	53.674/2.1131				
<b>THRUST</b>							
<b>1T7707</b> STD, .15		55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T IH
		55.500/2.1850	73.450/2.8917				
<b>THRUST</b>							
<b>1T7709</b> STD, .10		55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH
		55.500/2.1850	73.450/2.8917				

19	Engine	Year	Cyl	Bore x Stroke	19
	TU1JP (HFX, HFZ) 1124cc Inline4 SOHC 2v	06/1996 - On	L4	72.0mm x 69.0mm	
	TU3.2 1360cc Inline4 SOHC 2v	08/1990 - On	L4	75.0mm x 77.0mm	
	TU3JP (KFW, KFX) 1360cc Inline4 SOHC 2v	07/1988 - On	L4	75.0mm x 77.0mm	
	TU3M (KDY, KDZ) 1360cc Inline4 SOHC 2v	07/1988 - 09/1998	L4	75.0mm x 77.0mm	
	TU3MC (KDX) 1360cc Inline4 SOHC 2v	10/1988 - 05/2001	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Bearings have 1 hole</i>					
<b>4B7710A</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7710A IH
		44.991/1.7713	48.671/1.9162				





19 Continued ...								19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Bearings are plain.</i>						
<b>4B7712A</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A	
		44.991/1.7713	48.671/1.9162				IH	
<b>RACE SERIES</b>								
<b>4B7712H</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H	
		44.991/1.7713	48.671/1.9162				IH	
<b>RACE SERIES</b>								
<b>4B7712HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>						
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX	
		44.991/1.7713	48.671/1.9162				IH	
<b>MAINS</b>		<i>For aluminium blocks only. Set contains 4 grooved and 6 plain shells.</i>						
<b>5M7708A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A	
		49.981/1.9678	53.674/2.1131				IH	
<b>MAINS</b>		<i>Set contains 5 grooved and 5 plain shells.</i>						
<b>5M7723A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A	
		49.981/1.9678	53.674/2.1131				IH	
<b>MAINS</b>		<i>Set contains 2 grooved and 8 plain shells.</i>						
<b>5M7725A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A	
		49.981/1.9678	53.674/2.1131				IH	
<b>MAINS</b>		<i>Set contains 7 grooved and 3 plain shells.</i>						
<b>5M7728A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A	
		49.981/1.9678	53.674/2.1131				IH	
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A	
		49.981/1.9678	53.674/2.1131				IH	
<b>THRUST</b>								
<b>1T7709</b> STD, .10		55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T	
		55.500/2.1850	73.450/2.8917				IH	

20	Engine	Year	Cyl	Bore x Stroke	20
	TU1 (H1B) 1124cc Inline4 SOHC 2v	08/1987 - 04/1996	L4	72.0mm x 69.0mm	
	TU1K 1124cc Inline4 SOHC 2v	07/1989 - 04/1996	L4	72.0mm x 69.0mm	
	TU1M (HDY,HDZ) 1124cc Inline4 SOHC 2v	07/1989 - On	L4	72.0mm x 69.0mm	
	TU1MZ 1124cc Inline4 SOHC 2v	07/1989 - 09/1998	L4	72.0mm x 69.0mm	
	TU2.4 1294cc Inline4 SOHC 2v	10/1987 - 10/1990	L4	75.0mm x 73.2mm	
	TU2J2 1294cc Inline4 SOHC 2v	10/1993 - 04/1996	L4	75.0mm x 73.2mm	
	TU3 (K5A) 1360cc Inline4 SOHC 2v	01/1987 - 04/1997	L4	75.0mm x 77.0mm	
	TU3A (K1D) 1360cc Inline4 SOHC 2v	10/1987 - 12/1994	L4	75.0mm x 77.0mm	
	TU3A (KFT,KFW) 1360cc Inline4 SOHC 2v	08/2008 - On	L4	75.0mm x 77.0mm	
	TU3CP (KAY) 1360cc Inline4 SOHC 2v	08/1987 - 09/1993	L4	75.0mm x 77.0mm	
	TU3J2/Z (KFZ) 1360cc Inline4 SOHC 2v	09/1991 - 04/1996	L4	75.0mm x 77.0mm	
	TU3S (K2B) 1360cc Inline4 SOHC 2v	06/1987 - 06/1994	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Bearings are plain.</i>					
<b>4B7712A</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A
		44.991/1.7713	48.671/1.9162				IH



20 Continued ...							20
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B7712H</b> STD, .30, .50	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F781	7712H IH
<b>RACE SERIES</b> <b>4B7712HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.807/.0711	19.75/.778	F781	7712HX IH
<b>5M7708A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 4 grooved and 6 plain shells.</i>		1.832/.0721	17.29/.681	F810	7708A IH
		49.981/1.9678	53.674/2.1131			F810	7708A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH
<b>5M7723A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 5 grooved and 5 plain shells.</i>		1.832/.0721	17.29/.681	F810	7723A IH
		49.981/1.9678	53.674/2.1131			F810	7724A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A IH
		49.981/1.9678	53.674/2.1131			F810	7724A IH
<b>5M7725A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 2 grooved and 8 plain shells.</i>		1.832/.0721	17.29/.681	F810	7725A IH
		49.981/1.9678	53.674/2.1131			F810	7727A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A IH
		49.981/1.9678	53.674/2.1131			F810	7727A IH
<b>5M7728A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 7 grooved and 3 plain shells.</i>		1.832/.0721	17.29/.681	F810	7728A IH
		49.981/1.9678	53.674/2.1131			F810	7729A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A IH
		49.981/1.9678	53.674/2.1131			F810	7729A IH
<b>1T7709</b> STD, .10	<b>THRUST</b>	55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.45/.097	F817	7709T IH

21 Engine				Year	Cyl	Bore x Stroke	21
XW3 (109) 1124cc Inline4 SOHC 2v				07/1976 - 06/1983	L4	72.0mm x 69.0mm	
XW7 (109F,109N) 1124cc Inline4 SOHC 2v				08/1979 - 10/1990	L4	72.0mm x 69.0mm	
XY6B (150) 1360cc Inline4 SOHC 2v				08/1979 - 07/1988	L4	75.0mm x 77.0mm	
XY7 (150D,150G) 1360cc Inline4 SOHC 2v				02/1983 - 05/1989	L4	75.0mm x 77.0mm	
XY8 (150B,150H) 1360cc Inline4 SOHC 2v				02/1983 - 05/1989	L4	75.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7712A</b> STD, .30, .50	<b>CONROD</b>	<i>Bearings are plain.</i>		1.820/.0717	19.75/.778	F810	7712A IH
		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162			F810	7712A IH
<b>RACE SERIES</b> <b>4B7712H</b> STD, .30, .50	<b>CONROD</b>	44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F781	7712H IH
<b>RACE SERIES</b> <b>4B7712HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.807/.0711	19.75/.778	F781	7712HX IH
		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162			F781	7712HX IH
<b>5M7705A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 7 grooved and 3 plain shells.</i>		1.832/.0721	17.29/.681	F810	7707A L
		49.981/1.9678	53.674/2.1131			F810	7705A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7705A IH
		49.981/1.9678	53.674/2.1131			F810	7705A IH
<b>5M7708A</b> STD, .30, .50	<b>MAINS</b>	<i>Set contains 4 grooved and 6 plain shells.</i>		1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131			F810	7709A IH





21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7708A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 5 grooved and 5 plain shells.</i>							
<b>5M7723A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 2 grooved and 8 plain shells.</i>							
<b>5M7725A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
<b>5M7728A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
<b>1T7707</b> STD, .15	<b>THRUST</b>	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T
		55.500/2.1850	73.450/2.8917				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
<b>1T7709</b> STD, .10	<b>THRUST</b>	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T
		55.500/2.1850	73.450/2.8917				IH

22 Engine	Year	Cyl	Bore x Stroke	22
ET3J4 (KFU) 1360cc Inline4 DOHC 4v	10/2003 - On	L4	75.0mm x 77.0mm	
TU3A (KFV) 1360cc Inline4 DOHC 4v	07/2002 - On	L4	75.0mm x 77.0mm	
TU3JP (KFV) 1360cc Inline4 SOHC 2v	04/2005 - On	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have 1 hole</i>							
<b>4B7710A</b> STD, .30, .50	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7710A
		44.991/1.7713	48.671/1.9162				IH
<i>To suit cast aluminium blocks. Set contains 4 grooved and 6 plain shells.</i>							
<b>5M7708A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 5 grooved and 5 plain shells.</i>							
<b>5M7723A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7723A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7724A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 2 grooved and 8 plain shells.</i>							
<b>5M7725A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7725A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7727A
		49.981/1.9678	53.674/2.1131				IH
<i>Set contains 7 grooved and 3 plain shells.</i>							
<b>5M7728A</b> STD, .30, .50	<b>MAINS</b>	49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7728A
		49.981/1.9678	53.674/2.1131				IH
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7729A
		49.981/1.9678	53.674/2.1131				IH

**22 Continued ... 22**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>1T7709</b> STD, .10		55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.45/.097	F817	7709T IH

**23 Engine 23**

Year	Cyl	Bore x Stroke
TUD3Y (K9Y) 1360cc Inline4 SOHC 2v Diesel	09/1992 - 04/1996	L4 75.0mm x 77.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<i>Set contains 4 grooved and 6 plain shells.</i>							
<b>5M7708A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7708A IH
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7709A IH
		49.981/1.9678	53.674/2.1131				
<b>THRUST</b>							
<b>1T7709</b> STD, .10		55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.45/.097	F817	7709T IH

**24 Engine 24**

Year	Cyl	Bore x Stroke
TU5J2 (NFW,NFY) 1587cc Inline4 SOHC 2v	01/1994 - 05/2005	L4 78.5mm x 82.0mm
TU5J4 (NFX) 1587cc Inline4 DOHC 4v	05/1996 - 05/2005	L4 78.5mm x 82.0mm
TU5JP (NFZ) 1587cc Inline4 SOHC 2v	05/1993 - On	L4 78.5mm x 82.0mm
TU5JP4 (N6A,NFU) 1587cc Inline4 DOHC 4v	08/2000 - On	L4 78.5mm x 82.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<i>Bearings are plain.</i>								
<b>4B7712A</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH	
		44.991/1.7713	48.671/1.9162					
<b>RACE SERIES</b>								
<b>4B7712H</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH	
		44.991/1.7713	48.671/1.9162					
<b>RACE SERIES</b>								
<b>4B7712HX</b> STD		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH	
		44.991/1.7713	48.671/1.9162					
<b>CONROD</b>								
<i>Upper half has one hole.</i>								
<b>4B7735A</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.822/.0717	19.75/.778	F810	7735A UL	
		44.991/1.7713	48.671/1.9162					
<b>MAINS</b>								
<b>5M2797A</b> STD, .30, .50, .80	1,5	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2797A IH	
		49.981/1.9678	53.731/2.1154					
	2,3,4	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2798A IH	
		49.981/1.9678	53.731/2.1154					
	<b>RACE SERIES</b>							
	<b>5M2797H</b> Std, .30, .50	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797H IH
		49.981/1.9678	53.731/2.1154					
2,3,4		49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798H IH	
		49.981/1.9678	53.731/2.1154					
<b>RACE SERIES</b>								
<b>5M2797HX</b> STD		1,5	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2797HX IH
		49.981/1.9678	53.731/2.1154					
	2,3,4	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2798HX IH	
		49.981/1.9678	53.731/2.1154					
	<b>MAINS</b>							
	<b>5M2797P</b> STD, .30, .50, .80	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797 IH
		49.981/1.9678	53.731/2.1154					
2,3,4		49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798 IH	
		49.981/1.9678	53.731/2.1154					
<b>THRUST</b>								
<b>1T7707</b> STD, .15			55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.35/.093	F817	7707T IH





24 Continued ...							24
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>1T7709</b> STD, .10	<b>THRUST</b>	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH
		55.500/2.1850	73.450/2.8917				

25 Engine	Year	Cyl	Bore x Stroke	25
EP6DT (5FR) 1598cc Inline4 DOHC 4v Turbo	10/2009 - On	L4	77.0mm x 85.8mm	
EP6DT (5FT) 1598cc Inline4 DOHC 4v Turbo	09/2007 - On	L4	77.0mm x 85.8mm	
EP6DT (5FV) 1598cc Inline4 DOHC 4v Turbo	06/2009 - On	L4	77.0mm x 85.8mm	
EP6DT (5FX) 1598cc Inline4 DOHC 4v Turbo	02/2006 - On	L4	77.0mm x 85.8mm	
EP6DTS (5FY) 1598cc Inline4 DOHC 4v Turbo	02/2007 - On	L4	77.0mm x 85.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B5538D</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				

<b>4B5538P</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				

<b>1T1617</b> STD	<b>THRUST</b>	56.800/2.2362	73.300/2.8858		2.40/.095	F817	1617T UL
		57.050/2.2461	73.550/2.8957				

<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				

26 Engine	Year	Cyl	Bore x Stroke	26
DEW10J4 (RFR) 1997cc Inline4 DOHC 4v	01/1999 - On	L4	85.0mm x 88.0mm	
EW10A (RFH,RFJ) 1997cc Inline4 DOHC 4v	03/2005 - On	L4	85.0mm x 88.0mm	
EW10D (RLZ) 1997cc Inline4 DOHC 4v	05/2001 - 10/2004	L4	85.0mm x 88.0mm	
EW10J4 (RFN) 1997cc Inline4 DOHC 4v	02/2000 - On	L4	85.0mm x 82.0mm	
EW10J4S (RFK) 1997cc Inline4 DOHC 4v	10/2003 - On	L4	85.0mm x 88.0mm	
EW7A (6FY) 1749cc Inline4 DOHC 4v	09/2005 - On	L4	82.7mm x 81.4mm	
EW7J4 (6FZ) 1749cc Inline4 DOHC 4v	10/2000 - On	L4	82.7mm x 81.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B7736A</b> STD, .30	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.821/.0717	22.50/.886	F810	7736A IH
		44.991/1.7713	48.671/1.9162				

<b>RACE SERIES</b> <b>4B7736H</b> STD, .30	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.821/.0717	22.50/.886	F781	7736H IH
		44.991/1.7713	48.671/1.9162				

<b>5M7738A</b> STD, .30	<b>MAINS</b> 1,2,3,4,5	59.981/2.3615	63.708/2.5082	1.844/.0726	21.00/.827	F810	7738A UL
		60.000/2.3622	63.727/2.5089				

<b>1T7738</b> STD	<b>THRUST</b>	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7738T UL
		67.300/2.6496	83.300/3.2795				

<b>6C7778A</b> STD	<b>CAMS</b>	27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7778A IH
		28.000/1.1024	31.218/1.2291				
		27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7779A IH
		28.000/1.1024	31.218/1.2291				

27	Engine	Year	Cyl	Bore x Stroke	27
	XU10J2 (RFU) 1998cc Inline4 SOHC 2v	06/1994 - 08/2002	L4	86.0mm x 86.0mm	
	XU10J2 (RFW) 1998cc Inline4 SOHC 2v	03/1994 - 04/2002	L4	86.0mm x 86.0mm	
	XU10J2U (RFL) 1998cc Inline4 SOHC 2v	12/2001 - On	L4	86.0mm x 86.0mm	
	XU10J4 (RFT) 1998cc Inline4 DOHC 4v	06/1994 - 05/2001	L4	86.0mm x 86.0mm	
	XU10J4R (RFV) 1998cc Inline4 DOHC 4v	07/1994 - 12/2004	L4	86.0mm x 86.0mm	
	XU10J4RS (RFS) 1998cc Inline4 DOHC 4v	03/1996 - 05/2001	L4	86.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B7746A</b> STD, .30		49.984/1.9679	53.695/2.1140	1.837/.0723	20.25/.797	F810	7746A IH
		50.000/1.9685	53.708/2.1145				
	<b>MAINS</b>						
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A UL
		60.000/2.3622	63.750/2.5098				
	<b>THRUST</b>						
<b>2T7715</b> STD		67.050/2.6398	83.050/3.2697		1.88/.074	F817	7715T UL
		67.300/2.6496	83.300/3.2795				

28	Engine	Year	Cyl	Bore x Stroke	28
	DW10ATED (RHS,RHZ) 1997cc Inline4 SOHC 2v Turbo Diesel	08/1999 - On	L4	85.0mm x 88.0mm	
	DW10ATED4 (RHM,RHT) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2002 - On	L4	85.0mm x 88.0mm	
	DW10ATED4 (RHW) 1997cc Inline4 DOHC 4v Turbo Diesel	08/1999 - On	L4	85.0mm x 88.0mm	
	DW10BTED (RHX) 1997cc Inline4 SOHC 2v Turbo Diesel	07/2000 - On	L4	85.0mm x 88.0mm	
	DW10BTED4 (RHR) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	85.0mm x 88.0mm	
	DW10CTED4 (RHE,RHH) 1997cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	85.0mm x 88.0mm	
	DW10TD (RHV,RHY) 1997cc Inline4 SOHC 2v Turbo Diesel	02/1999 - On	L4	85.0mm x 88.0mm	
	DW10UTD (RHV) 1997cc Inline4 SOHC 2v Turbo Diesel	08/2001 - On	L4	85.0mm x 88.0mm	
	DW10UTED4 (RHK) 1997cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	85.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B7747D</b> STD, .30		<i>Lower in Aluglide material.</i>		1.838/.0724	20.00/.787	F810	7747A L
		49.984/1.9679	53.695/2.1140				
		50.000/1.9685	53.708/2.1145	1.838/.0724	20.00/.787	F781	7747D U
		49.984/1.9679	53.695/2.1140				
		50.000/1.9685	53.708/2.1145				
	<b>CONROD</b>						
<b>4B7747P</b> STD, .30		<i>Lower in Aluglide material.</i>		1.838/.0724	20.00/.787	F780	7747 U
		49.984/1.9679	53.695/2.1140				
		50.000/1.9685	53.708/2.1145	1.838/.0724	20.00/.787	F810	7747A L
		49.984/1.9679	53.695/2.1140				
		50.000/1.9685	53.708/2.1145				
	<b>MAINS</b>						
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A UL
		60.000/2.3622	63.750/2.5098				
	<b>THRUST</b>						
<b>2T7703</b> STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T UL
		67.300/2.6496	83.300/3.2795				
	<b>THRUST</b>						
<b>2T7748</b> STD		67.050/2.6398	83.050/3.2697		1.85/.073	F250	7748T UL
		67.300/2.6496	83.300/3.2795				
	<b>PISTON PIN BUSH</b>						
<b>4RB4200</b>		<i>Set of 4.</i>			24.05/.947	F100	4RB4200
		27.997/1.1022	30.200/1.1890				
		28.000/1.1024	30.225/1.1900				
	<b>PISTON PIN BUSH</b>						
<b>RB4200</b>		27.997/1.1022	30.200/1.1890		24.05/.947	F100	RB4200
		28.000/1.1024	30.225/1.1900				





29	Engine	Year	Cyl	Bore x Stroke	29
	DW12BTED4 (4HP) 2179cc Inline4 DOHC 4v Turbo Diesel	06/2008 - On	L4	85.0mm x 96.0mm	
	DW12BTED4 (4HT) 2179cc Inline4 DOHC 4v Turbo Diesel	05/2006 - On	L4	85.0mm x 96.0mm	
	DW12C (4HL) 2179cc Inline4 DOHC 4v Turbo Diesel	11/2010 - On	L4	85.0mm x 86.0mm	
	DW12MTED4 (4HN) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2007 - On	L4	85.0mm x 96.0mm	
	DW12TED4 (4HX) 2179cc Inline4 DOHC 4v Turbo Diesel	02/2000 - On	L4	85.0mm x 96.0mm	
	DW12UTED (4HY) 2179cc Inline4 DOHC 4v Turbo Diesel	04/2002 - On	L4	85.0mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Lower in Aluglide material.</i>					
<b>4B7747D</b> STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F781	7747D
		50.000/1.9685	53.708/2.1145				U
	<b>CONROD</b>	<i>Lower in Aluglide material.</i>					
<b>4B7747P</b> STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F780	7747
		50.000/1.9685	53.708/2.1145				U
	<b>MAINS</b>						
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A
		60.000/2.3622	63.750/2.5098				UL
	<b>THRUST</b>						
<b>2T7703</b> STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
	<b>THRUST</b>						
<b>2T7748</b> STD		67.050/2.6398	83.050/3.2697		1.85/.073	F250	7748T
		67.300/2.6496	83.300/3.2795				UL
	<b>CAMS</b>						
<b>6C7778A</b> STD		27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7779A
		28.000/1.1024	31.218/1.2291				IH
		27.982/1.1017	31.200/1.2283	1.594/.0628	18.15/.715	F820	7778A
		28.000/1.1024	31.218/1.2291				IH
	<b>PISTON PIN BUSH</b>						
<b>RB4207</b>		29.995/1.1809	33.000/1.2992		24.05/.947	F100	RB4207
		30.000/1.1811	33.025/1.3002				

30	Engine	Year	Cyl	Bore x Stroke	30
	XC5P 1618cc Inline4 2v	08/1968 - 03/1980	L4	84.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B7891A</b> STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A
		49.990/1.9681	53.673/2.1131				IH
	<b>MAINS</b>						
<b>5M7899A</b> STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A
		54.920/2.1622	58.750/2.3130				IH
	<b>THRUST</b>						
<b>2T7899</b> STD		61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T
		61.650/2.4272	72.800/2.8661				UL
	<b>PISTON PIN BUSH</b>						
<b>RB4197</b>		22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				



31	Engine	Year	Cyl	Bore x Stroke	31
	XC6 1618cc Inline4 2v	11/1967 - 12/1971	L4	84.0mm x 73.0mm	
	XC7 1618cc Inline4 2v	01/1970 - 09/1972	L4	84.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7891A</b> STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A
		49.990/1.9681	53.673/2.1131				IH
<b>MAINS</b>							
<b>5M7899A</b> STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A
		54.920/2.1622	58.750/2.3130				IH
<b>MAINS</b>							
<b>5M7915A</b> STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A
		51.181/2.0150	55.011/2.1658				IH
<b>THRUST</b>							
<b>2T7899</b> STD		61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T
		61.650/2.4272	72.800/2.8661				UL

32	Engine	Year	Cyl	Bore x Stroke	32
	XC7P 1618cc Inline4 2v	08/1968 - 12/1990	L4	84.0mm x 73.0mm	
	XM7P 1796cc Inline4 OHV 2v	07/1970 - 12/1981	L4	84.0mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7891A</b> STD, .30, .50, .80, 1.00		49.975/1.9675	53.654/2.1124	1.814/.0714	23.39/.921	F810	7891A
		49.990/1.9681	53.673/2.1131				IH
<b>MAINS</b>							
<b>5M7899A</b> STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	54.905/2.1616	58.731/2.3122	1.888/.0743	29.33/1.155	F810	7899A
		54.920/2.1622	58.750/2.3130				IH
<b>MAINS</b>							
<b>5M7915A</b> STD, .30, .50, .80, 1.00	1	59.400/2.3386	63.226/2.4892	1.888/.0743	29.50/1.161	F810	7892A
		59.416/2.3392	63.246/2.4900				IH
	2	58.548/2.3050	62.384/2.4561	1.888/.0743	21.50/.847	F810	7896A
		58.573/2.3060	62.403/2.4568				IH
	3	57.174/2.2509	61.000/2.4016	1.888/.0743	29.48/1.161	F810	7897A
		57.189/2.2515	61.019/2.4023				IH
	4	56.140/2.2102	59.976/2.3613	1.888/.0743	21.50/.847	F810	7898A
		56.165/2.2112	59.995/2.3620				IH
	5	51.166/2.0144	54.991/2.1650	1.888/.0743	29.35/1.156	F810	7915A
		51.181/2.0150	55.011/2.1658				IH





32 Continued ...							32
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T7899</b> STD	<b>THRUST</b>	61.400/2.4173	72.550/2.8563		2.33/.092	F250	7899T
		61.650/2.4272	72.800/2.8661				UL
<b>RB4197</b>	<b>PISTON PIN BUSH</b>	22.700/.8937	24.350/.9587		27.00/1.063	F100	RB4197
		22.850/.8996	24.383/.9600				

33 Engine				Year	Cyl	Bore x Stroke	33
XK5 1127cc Inline4 2v				09/1975 - 12/1988	L4	78.0mm x 59.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7712A</b> STD, .30, .50	<b>CONROD</b>	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
<b>RACE SERIES</b> <b>4B7712H</b> STD, .30, .50	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
<b>RACE SERIES</b> <b>4B7712HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				

34 Engine				Year	Cyl	Bore x Stroke	34
XL5 (118) 1290cc Inline4 2v				09/1970 - 08/1986	L4	78.0mm x 67.5mm	
XL5S 1290cc Inline4 2v				08/1972 - 09/1975	L4	78.0mm x 67.5mm	
XL5TR 1290cc Inline4 2v				11/1977 - 07/1990	L4	78.0mm x 67.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7712A</b> STD, .30, .50	<b>CONROD</b>	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
<b>RACE SERIES</b> <b>4B7712H</b> STD, .30, .50	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
<b>RACE SERIES</b> <b>4B7712HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				
<b>1T7733</b> STD, .10	<b>THRUST</b>	61.150/2.4075	76.050/2.9941		2.33/.092	F250	7733T
		61.400/2.4173	76.300/3.0039				UL

35 Engine				Year	Cyl	Bore x Stroke	35
XR5 (142) 1472cc Inline4 2v				11/1979 - 08/1986	L4	78.0mm x 77.0mm	
XR5A (142) 1472cc Inline4 2v				09/1985 - 07/1990	L4	78.0mm x 77.0mm	
XR5S (117) 1472cc Inline4 2v				05/1980 - 09/1982	L4	78.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7712A</b> STD, .30, .50	<b>CONROD</b>	<i>Bearings are plain.</i>					
		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
<b>RACE SERIES</b> <b>4B7712H</b> STD, .30, .50	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
<b>RACE SERIES</b> <b>4B7712HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				
<b>5M7733A</b> STD, .30, .50	<b>MAINS</b> 1,2,3,4,5	53.036/2.0880	56.822/2.2371	1.880/.0740	19.29/.759	F810	7733A
		53.046/2.0884	56.832/2.2375				UL

**35 Continued ... 35**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>1T7733</b> STD, .10		61.150/2.4075 61.400/2.4173	76.050/2.9941 76.300/3.0039		2.33/.092	F250	7733T UL

**36 Engine 36**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>Year Cyl Bore x Stroke</b>							
XID (149) 1548cc Inline4 2v Diesel				11/1977 - 09/1982	L4	80.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7732A</b> STD, .30		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F810	7732A IH
<b>MAINS</b>							
<b>5M7733A</b> STD, .30, .50	1,2,3,4,5	53.036/2.0880 53.046/2.0884	56.822/2.2371 56.832/2.2375	1.880/.0740	19.29/.759	F810	7733A UL
<b>THRUST</b>							
<b>1T7733</b> STD, .10		61.150/2.4075 61.400/2.4173	76.050/2.9941 76.300/3.0039		2.33/.092	F250	7733T UL
<b>PISTON PIN BUSH</b>							
<b>RB4198</b>		23.007/.9058 23.020/.9063	25.000/.9843 25.021/.9851		23.85/.939	F100	RB4198

**37 Engine 37**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>Year Cyl Bore x Stroke</b>							
XW3S (121) 1124cc Inline4 SOHC 2v				09/1973 - 06/1980	L4	72.0mm x 69.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Bearings are plain.</i>							
<b>4B7712A</b> STD, .30, .50		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F810	7712A IH
<b>CONROD</b>							
<b>RACE SERIES</b> <b>4B7712H</b> STD, .30, .50		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.820/.0717	19.75/.778	F781	7712H IH
<b>CONROD</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B7712HX</b> STD		44.975/1.7707 44.991/1.7713	48.655/1.9155 48.671/1.9162	1.807/.0711	19.75/.778	F781	7712HX IH
<b>MAINS</b>							
<i>Set contains 7 grooved and 3 plain shells.</i>							
<b>5M7705A</b> STD, .30, .50		49.965/1.9671 49.981/1.9678 49.965/1.9671 49.981/1.9678	53.655/2.1124 53.674/2.1131 53.655/2.1124 53.674/2.1131	1.832/.0721  1.832/.0721	17.29/.681  17.29/.681	F810  F810	7707A L 7705A IH
<b>THRUST</b>							
<b>1T7707</b> STD, .15		55.250/2.1752 55.500/2.1850	73.250/2.8839 73.450/2.8917		2.35/.093	F817	7707T IH

**38 Engine 38**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>Year Cyl Bore x Stroke</b>							
XUD9TE (D8B) 1905cc Inline4 SOHC 2v Turbo Diesel				02/1996 - On	L4	83.0mm x 88.0mm	
XUD9TE (DHX) 1905cc Inline4 SOHC 2v Turbo Diesel				07/1995 - On	L4	83.0mm x 88.0mm	
XUD9TE (DHY) 1905cc Inline4 SOHC 2v Turbo Diesel				08/1992 - 05/2004	L4	83.0mm x 88.0mm	
XUD9UTF (D8C) 1905cc Inline4 SOHC 2v Turbo Diesel				03/1994 - 04/2002	L4	83.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Uses identical halves.</i>							
<b>4B1670P</b> STD, .30, .50, .80		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.830/.0720	20.00/.787	F780	1670 IH
<b>CONROD</b>							
<i>Uses an upper and lower, with the notches on opposing sides.</i>							
<b>4B1685P</b> STD, .30, .50, .80		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.838/.0724	20.00/.787	F780	1685 UL
<b>MAINS</b>							
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL





**38 Continued ... 38**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>2T7715</b> STD		67.050/2.6398	83.050/3.2697		1.88/.074	F817	7715T UL
		67.300/2.6496	83.300/3.2795				
<b>PISTON PIN BUSH</b>							
<b>RB4201</b> UNB		28.007/1.1026	30.200/1.1890		23.10/.909		RB4201
		28.020/1.1031	30.221/1.1898				

**39 Engine Year Cyl Bore x Stroke 39**

DV4C (8HR) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2006 - On	L4	73.7mm x 82.0mm
DV4TD (8HS) 1398cc Inline4 SOHC 2v Turbo Diesel	02/2008 - On	L4	73.7mm x 82.0mm
DV4TD (8HT) 1398cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	73.7mm x 82.0mm
DV4TD (8HX,8HZ) 1398cc Inline4 SOHC 2v Turbo Diesel	09/2001 - On	L4	73.7mm x 82.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B7770D</b> STD, .30		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F781	7770D U
		44.991/1.7713	48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
		44.975/1.7707	48.665/1.9159				
		44.991/1.7713	48.671/1.9162				
<b>CONROD</b>							
<b>4B7770P</b> STD, .30		44.975/1.7707	48.665/1.9159	1.820/.0717	17.05/.671	F780	7770 U
		44.991/1.7713	48.671/1.9162	1.820/.0717	17.05/.671	F810	7770A L
		44.975/1.7707	48.665/1.9159				
		44.991/1.7713	48.671/1.9162				
<b>MAINS</b>							
<b>5M7772A</b> STD, .30, .50	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	20.40/.803	F780	7772 U
		49.981/1.9678	53.674/2.1131	1.833/.0722	19.90/.784	F780	7773 L
	1,2,3,4,5	49.962/1.9670	53.655/2.1124				
	49.981/1.9678	53.674/2.1131					
<b>THRUST</b>							
<b>1T7772</b> STD		55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T IH
		55.480/2.1842	71.700/2.8228				
<b>PISTON PIN BUSH</b>							
<b>4RB4166</b>		24.995/.9841	28.000/1.1024		19.98/.787	F100	4RB4166
		25.000/.9843	28.021/1.1032				
<b>PISTON PIN BUSH</b>							
<b>RB4166</b> UNB		24.995/.9841	28.000/1.1024		19.98/.787	F100	RB4166
		25.000/.9843	28.021/1.1032				

**40 Engine Year Cyl Bore x Stroke 40**

DV6ATED4 (9HV,9HX) 1560cc Inline4 DOHC 4v Turbo Diesel	04/2005 - On	L4	75.0mm x 88.3mm
DV6BTED4 (9HT,9HW) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	75.0mm x 88.3mm
DV6C (9HL,9HR) 1560cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	75.0mm x 88.3mm
DV6CTED (9HD) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2012 - On	L4	75.0mm x 88.3mm
DV6DTE4 (9HF,9HP) 1560cc Inline4 DOHC 4v Turbo Diesel	11/2009 - On	L4	75.0mm x 88.3mm
DV6TED4 (9HY,9HZ) 1560cc Inline4 DOHC 4v Turbo Diesel	02/2004 - On	L4	75.0mm x 88.3mm
DV6UTED4 (9HU) 1560cc Inline4 DOHC 4v Turbo Diesel	01/2007 - On	L4	75.0mm x 88.3mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B7775A</b> STD, .30		46.975/1.8494	50.655/1.9943	1.818/.0716	17.00/.669	F810	7775A IH
		46.991/1.8500	50.674/1.9950				
<b>CONROD</b>							
<b>4B7775P</b> STD, .30		46.975/1.8494	50.655/1.9943	1.818/.0716	17.00/.669	F780	7775 IH
		46.991/1.8500	50.674/1.9950				
<b>MAINS</b>							
<b>5M7772A</b> STD, .30, .50	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	19.90/.784	F780	7773 L
		49.981/1.9678	53.674/2.1131	1.833/.0722	20.40/.803	F780	7772 U
	1,2,3,4,5	49.962/1.9670	53.655/2.1124				
	49.981/1.9678	53.674/2.1131					

**40 Continued ... 40**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T7772</b> STD	<b>THRUST</b>	55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T IH
		55.480/2.1842	71.700/2.8228				
<b>RB4202</b>	<b>PISTON PIN BUSH</b>		29.000/1.1417		19.98/.787	F100	RB4202
			29.021/1.1426				

**41 Engine Year Cyl Bore x Stroke 41**

CRD93 (U25-661) 2499cc Inline4 2v Diesel 09/1981 - 02/1994 L4 93.0mm x 92.0mm

CRD93 2499cc Inline4 2v Diesel 09/1981 - 01/1994 L4 93.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B3062A</b> STD, .25, .50	<b>CONROD</b>	53.990/2.1256	57.675/2.2707	1.826/.0719	24.50/.965	F810	3062A UL
		54.005/2.1262	57.685/2.2711				
<b>5M3064A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
<b>5M3065A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.300/.0906	28.70/1.130	F810	3065A UL
		67.050/2.6398	71.705/2.8230				
<b>2T3064A</b> STD	<b>THRUST</b>	75.500/2.9724	89.000/3.5039		3.14/.124	F817	3064T UL
		75.750/2.9823	89.100/3.5079				
<b>2T3065A</b> STD	<b>THRUST</b>				3.14/.124	F817	3065T UL
<b>RB4165</b>	<b>PISTON PIN BUSH</b>	30.008/1.1814	33.000/1.2992		31.90/1.256	F100	RB4165
		30.014/1.1817	33.033/1.3005				

**42 Engine Year Cyl Bore x Stroke 42**

CRD93L 2499cc Inline4 2v Diesel 09/1981 - 01/1994 L4 93.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B3062A</b> STD, .25, .50	<b>CONROD</b>	53.990/2.1256	57.675/2.2707	1.826/.0719	24.50/.965	F810	3062A UL
		54.005/2.1262	57.685/2.2711				
<b>5M3064A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
<b>5M3065A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.300/.0906	28.70/1.130	F810	3065A UL
		67.050/2.6398	71.705/2.8230				
<b>2T3064A</b> STD	<b>THRUST</b>	75.500/2.9724	89.000/3.5039		3.14/.124	F817	3064T UL
		75.750/2.9823	89.100/3.5079				
<b>2T3065A</b> STD	<b>THRUST</b>				3.14/.124	F817	3065T UL

**43 Engine Year Cyl Bore x Stroke 43**

CRD93LS (U25-673) 2499cc Inline4 2v Diesel 10/1990 - 02/1994 L4 93.0mm x 92.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B3063A</b> STD, .25	<b>CONROD</b>	53.975/2.1250	57.685/2.2711	1.826/.0719	22.50/.886	F810	3063A IH
		53.990/2.1256	57.695/2.2715				





43 Continued ...							43
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B3063P</b> STD, .25	<b>CONROD</b>	53.975/2.1250	57.685/2.2711	1.826/.0719	22.50/.886	F780	3063 IH
		53.990/2.1256	57.695/2.2715				
<b>5M3064A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	67.035/2.6392	71.695/2.8226	2.317/.0912	28.70/1.130	F810	3064A IH
		67.050/2.6398	71.705/2.8230				
<b>2T3064A</b> STD	<b>THRUST</b>	75.500/2.9724	89.000/3.5039	3.14/.124	F817	3064T UL	
		75.750/2.9823	89.100/3.5079				

44 Engine		Year	Cyl	Bore x Stroke	44		
XD2P94 2304cc Inline4 OHV 2v Diesel		07/1977 - 03/1980	L4	94.0mm x 83.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2731A</b> STD, .30, .50, .80, 1.00	<b>CONROD</b>	49.984/1.9679	53.695/2.1140	1.842/.0725	29.00/1.142	F810	2731A IH
		50.000/1.9685	53.708/2.1145				
<b>4B7750A</b> STD, .30, .50, .80, 1.00	<b>CONROD</b>	54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A IH
		55.021/2.1662	58.750/2.3130				
<b>5M2734A</b> STD, .30, .50, .80	<b>MAINS</b> 1,3,5	54.994/2.1651	58.731/2.3122	1.842/.0725	29.97/1.180	F810	2734A UL
		55.009/2.1657	58.750/2.3130				
	2,4	54.994/2.1651	58.731/2.3122	1.842/.0725	21.97/.865	F810	2735A UL
		55.009/2.1657	58.750/2.3130				
<b>2T2734</b> STD	<b>THRUST</b>	61.976/2.4400	79.730/3.1390	2.34/.092	F817	2734T UL	
		62.204/2.4490	79.784/3.1411				
<b>4RB4204</b> UNB	<b>PISTON PIN BUSH</b>	27.994/1.1021	30.950/1.2185	29.70/1.169	F100	4RB4204	
		28.000/1.1024	30.975/1.2195				
<b>4RB4208</b> UNB	<b>PISTON PIN BUSH</b>	30.007/1.1814	33.000/1.2992	29.70/1.169	F100	4RB4208	
		30.020/1.1819	33.025/1.3002				
<b>RB4204</b> UNB	<b>PISTON PIN BUSH</b>	27.994/1.1021	30.950/1.2185	29.70/1.169	F100	RB4204	
		28.000/1.1024	30.975/1.2195				
<b>RB4208</b> UNB	<b>PISTON PIN BUSH</b>	30.007/1.1814	33.000/1.2992	29.70/1.169	F100	RB4208	
		30.020/1.1819	33.025/1.3002				

45 Engine		Year	Cyl	Bore x Stroke	45		
XD2PX94 2304cc Inline4 OHV 2v Diesel		03/1980 - 07/1982	L4	94.0mm x 83.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7750A</b> STD, .30, .50, .80, 1.00	<b>CONROD</b>	54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A IH
		55.021/2.1662	58.750/2.3130				
<b>5M2734A</b> STD, .30, .50, .80	<b>MAINS</b> 1,3,5	54.994/2.1651	58.731/2.3122	1.842/.0725	29.97/1.180	F810	2734A UL
		55.009/2.1657	58.750/2.3130				
	2,4	54.994/2.1651	58.731/2.3122	1.842/.0725	21.97/.865	F810	2735A UL
		55.009/2.1657	58.750/2.3130				
<b>5M7752A</b> STD, .30, .50, .80	<b>MAINS</b> 1,3,5	54.994/2.1651	58.731/2.3122	1.835/.0722	30.00/1.181	F810	7752A UL
		55.009/2.1657	58.750/2.3130				
	2,4	63.737/2.5093	71.695/2.8226	1.837/.0723	24.00/.945	F810	7753A UL

45 Continued ...							45
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T2734</b> STD	THRUST	61.976/2.4400	79.730/3.1390		2.34/.092	F817	2734T UL
		62.204/2.4490	79.784/3.1411				
<b>2T7752</b> STD	THRUST	67.000/2.6378	84.750/3.3366		2.33/.092	F250	7752T UL
		67.250/2.6476	85.000/3.3465				
<b>4RB4208</b> UNB	PISTON PIN BUSH	30.007/1.1814	33.000/1.2992		29.70/1.169	F100	4RB4208
		30.020/1.1819	33.025/1.3002				
<b>RB4208</b> UNB	PISTON PIN BUSH	30.007/1.1814	33.000/1.2992		29.70/1.169	F100	RB4208
		30.020/1.1819	33.025/1.3002				

46 Engine				Year	Cyl	Bore x Stroke	46
XD3 (155) 2498cc Inline4 OHV 2v Diesel				06/1981 - 12/1993	L4	94.0mm x 90.0mm	
XD3P 2498cc Inline4 OHV 2v Diesel				07/1982 - 06/1987	L4	94.0mm x 90.0mm	
XD3T (152A) 2498cc Inline4 OHV 2v Turbo Diesel				08/1983 - 12/1993	L4	94.0mm x 90.0mm	
XD3TE (152B) 2498cc Inline4 OHV 2v Turbo Diesel				10/1986 - 12/1993	L4	94.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7750A</b> STD, .30, .50, .80, 1.00	CONROD	54.994/2.1651	58.737/2.3125	1.838/.0724	29.00/1.142	F810	7750A IH
		55.021/2.1662	58.750/2.3130				
<b>5M7752A</b> STD, .30, .50, .80	MAINS	54.994/2.1651	58.731/2.3122	1.835/.0722	30.00/1.181	F810	7752A UL
		55.009/2.1657	58.750/2.3130				
		63.737/2.5093					
	2,4	60.021/2.3630		1.837/.0723	24.00/.945	F810	7753A UL
<b>2T7752</b> STD	THRUST	67.000/2.6378	84.750/3.3366		2.33/.092	F250	7752T UL
		67.250/2.6476	85.000/3.3465				
<b>4RB4203</b>	PISTON PIN BUSH	32.009/1.2602	35.000/1.3780		29.70/1.169	F100	4RB4203
		32.025/1.2608	35.025/1.3789				
<b>RB4203</b>	PISTON PIN BUSH	32.009/1.2602	35.000/1.3780		29.70/1.169	F100	RB4203
		32.025/1.2608	35.025/1.3789				

47 Engine				Year	Cyl	Bore x Stroke	47
DJ5 (T9A) 2446cc Inline4 3v Diesel				03/1994 - 04/2002	L4	92.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7755A</b> STD, .30	CONROD	53.981/2.1252	57.675/2.2707	1.823/.0718	22.65/.892	F810	7755A IH
		54.000/2.1260	57.695/2.2715				
<b>4B7755P</b> STD, .30	CONROD	53.981/2.1252	57.675/2.2707	1.823/.0718	22.65/.892	F780	7755 IH
		54.000/2.1260	57.695/2.2715				
<b>5M7756A</b> STD, .30, .50	MAINS	63.980/2.5189	68.689/2.7043	2.327/.0916	21.50/.847	F810	7756A UL
		63.998/2.5196	68.707/2.7050				
		63.980/2.5189	68.689/2.7043				
		63.998/2.5196	68.707/2.7050				
<b>RB4205</b> UNB	PISTON PIN BUSH				27.45/1.081	F100	RB4205



48	Engine	Year	Cyl	Bore x Stroke	48
	DJ5T (T8A) 2446cc Inline4 3v Turbo Diesel	07/1994 - On	L4	92.0mm x 92.0mm	
	DJ5TED (THX) 2446cc Inline4 2v Turbo Diesel	10/1996 - 02/2002	L4	92.0mm x 92.0mm	
	DK5ATE (THY) 2446cc Inline4 3v Turbo Diesel	01/1993 - On	L4	92.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7760D</b> STD, .30		53.981/2.1252	57.675/2.2707	1.823/.0718	22.70/.894	F780	7760
		54.000/2.1260	57.695/2.2715				L
		53.981/2.1252	57.675/2.2707	1.823/.0718	22.70/.894	F781	7760D
		54.000/2.1260	57.695/2.2715				U
<b>CONROD</b>							
<b>4B7760P</b> STD, .30		53.981/2.1252	57.675/2.2707	1.823/.0718	22.70/.894	F780	7760
		54.000/2.1260	57.695/2.2715				IH
<b>MAINS</b>							
<b>5M7765A</b> STD, .30	1,2,4,5	63.980/2.5189	68.689/2.7043	2.327/.0916	21.50/.847	F810	7765A
		63.998/2.5196	68.707/2.7050				UL
	3	63.980/2.5189	68.689/2.7043	2.327/.0916	27.50/1.083	F810	7766A(F)
		63.998/2.5196	68.707/2.7050				UL
<b>PISTON PIN BUSH</b>							
<b>RB4205</b> UNB					27.45/1.081	F100	RB4205

49	Engine	Year	Cyl	Bore x Stroke	49
	E1 1118cc Inline4	10/1985 - 07/1989	L4	74.0mm x 65.0mm	
	F1 1118cc Inline4	01/1987 - 12/1990	L4	74.0mm x 65.0mm	
	G1A 1294cc Inline4	02/1984 - 07/1992	L4	76.7mm x 70.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7767A</b> STD, .20, .50		40.959/1.6126	44.005/1.7325	1.509/.0594	19.24/.758	F810	7767A
		40.967/1.6129	44.013/1.7328				IH
<b>MAINS</b>							
<b>5M7768A</b> STD	1,5	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7768A
		51.976/2.0463	55.892/2.2005				UL
	2,4	51.966/2.0459	55.882/2.2001	1.924/.0757	18.68/.735	F810	7769A
		51.976/2.0463	55.892/2.2005				IH
	3	51.966/2.0459	55.882/2.2001	1.924/.0757	24.68/.972	F810	7774A
		51.976/2.0463	55.892/2.2005				UL
<b>THRUST</b>							
<b>1T7768</b> STD		56.900/2.2402	74.000/2.9134		2.36/.093	F817	7768T
		57.150/2.2500	74.250/2.9232				UL

50	Engine	Year	Cyl	Bore x Stroke	50
	8140.43N 2800cc Inline4 SOHC 2v Turbo Diesel	04/2004 - On	L4	94.4mm x 100.0mm	
	8140.43S (F28DTCR) 2800cc Inline4 SOHC 2v Turbo Diesel	10/2000 - On	L4	94.4mm x 100.0mm	
	8140.63 (F28D) 2800cc Inline4 SOHC 2v Diesel	01/1999 - 02/2002	L4	94.4mm x 100.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B7941P</b> STD, .25, .50, .75		56.520/2.2252	60.333/2.3753	1.870/.0736	24.70/.972	F780	7941	
		56.535/2.2258	60.345/2.3758				IH	
<b>MAINS</b>								
<b>5M7956P</b> STD, .25, .50	1,2,3,4	80.182/3.1568	84.588/3.3302	2.164/.0852	23.80/.937	F780	7956	
		80.208/3.1578	84.614/3.3313				UL	
	5	86.182/3.3930	90.588/3.5664	2.164/.0852	30.95/1.219	F780	7957(F)	
		86.208/3.3940	90.614/3.5675				UL	
	<b>PISTON PIN BUSH</b>							
	<b>4RB4188</b>		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
31.996/1.2597			34.920/1.3748					



50 Continued ...							50
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

**PISTON PIN BUSH**

<b>RB4188</b>		31.990/1.2594 31.996/1.2597	34.895/1.3738 34.920/1.3748		30.70/1.209	F100	RB4188
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51 Engine		Year	Cyl	Bore x Stroke	51		
ZDJ (851) 2165cc Inline4 SOHC 2v		05/1981 - 10/1984	L4	88.0mm x 89.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

**CONROD**

*32 degree slot in upper half.*

<b>4B7802A</b> STD, .25		56.267/2.2152 56.286/2.2160	60.005/2.3624 60.019/2.3629	1.842/.0725	20.75/.817	F810	7802A UL
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**MAINS**

*Contains 5 pieces with groove and 3 holes & 5 plain shells with 2 holes.*

<b>5M7804A</b> STD, .25	1,2,3,4,5	62.861/2.4748 62.880/2.4756	66.668/2.6247 66.687/2.6255	1.879/.0740	23.50/.925	F810	7804A UL
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**THRUST**

*Use with 5M7803.*

<b>1T7803</b> STD		71.190/2.8028 71.450/2.8130	87.830/3.4579 88.090/3.4681		2.85/.112	F817	7803T IH
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52 Engine		Year	Cyl	Bore x Stroke	52		
XU9J2 (D6A) 1905cc Inline4 SOHC 2v		01/1989 - 12/1992	L4	83.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

**CONROD**

*20.25mm wide bearing.*

<b>4B7700A</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F810	7700A IH
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**RACE SERIES**

<b>4B7700H</b> STD, .25		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.834/.0722	20.25/.797	F781	7700H IH
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**CONROD**

<b>4B7700P</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.836/.0723	20.25/.797	F780	7700 IH
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**CONROD**

<b>4B7702A</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.842/.0725	20.25/.797	F810	7702A IH
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**MAINS**

*Set contains 6 grooved and 4 plain shells.*

<b>5M7703A</b> STD, .30, .50		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7703A IH
		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7704A L

**MAINS**

*Set contains 5 grooved and 5 plain shells.*

<b>5M7704A</b> STD, .30, .50		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7703A IH
		59.990/2.3618 60.000/2.3622	63.718/2.5086 63.727/2.5089	1.845/.0726	20.29/.799	F810	7704A L

**THRUST**

<b>2T7703</b> STD, .10, .15		67.050/2.6398 67.300/2.6496	83.050/3.2697 83.300/3.2795		2.33/.092	F250	7703T UL
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53 Engine		Year	Cyl	Bore x Stroke	53		
XUD7 (161A,A9A) 1769cc Inline4 SOHC 2v Diesel		10/1982 - 08/2002	L4	80.0mm x 88.0mm			
XUD9 (162,D9A) 1905cc Inline4 SOHC 2v Diesel		10/1982 - 05/1999	L4	83.0mm x 88.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

**CONROD**

<b>4B7730A</b> STD, .30, .50		49.984/1.9679 50.000/1.9685	53.695/2.1140 53.708/2.1145	1.830/.0720	20.05/.789	F810	7730A IH
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**MAINS**

<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615 60.000/2.3622	63.731/2.5091 63.750/2.5098	1.845/.0726	19.50/.768	F810	1677A UL
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**53 Continued ... 53**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T7703</b> STD, .10, .15	<b>THRUST</b>	67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
<b>4RB4123</b> UNB	<b>PISTON PIN BUSH</b>	25.007/.9845	27.000/1.0630		24.15/.951	F100	4RB4123
		25.020/.9850	27.021/1.0638				
<b>RB4123</b>	<b>PISTON PIN BUSH</b>	25.007/.9845	27.200/1.0709	1.480/.0583	24.05/.947	F100	RB4123
		25.020/.9850	27.221/1.0717				
<b>RB4206</b>	<b>PISTON PIN BUSH</b>	25.007/.9845	27.000/1.0630		24.15/.951	F100	RB4206
		25.020/.9850	27.021/1.0638				

**54 Engine Year Cyl Bore x Stroke 54**  
TUD5 1527cc Inline4 SOHC 2v Diesel 06/1994 - On L4 77.0mm x 82.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2796A</b> STD, .30, .50, .80	<b>CONROD</b>	44.975/1.7707	48.655/1.9155	1.820/.0717	17.65/.695	F810	2796A
		44.991/1.7713	48.671/1.9162				IH
<b>5M2797A</b> STD, .30, .50, .80	<b>MAINS</b> 1,5	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2797A
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2798A
		49.981/1.9678	53.731/2.1154				IH
<b>RACE SERIES</b> <b>5M2797H</b> Std, .30, .50	<b>MAINS</b> 1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797H
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798H
		49.981/1.9678	53.731/2.1154				IH
<b>RACE SERIES</b> <b>5M2797HX</b> STD	<b>MAINS</b> 1,5	<i>0.001" extra oil clearance on STD journal.</i>		1.841/.0725	17.30/.681	F780	2797HX
		49.962/1.9670	53.712/2.1146				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2798HX
		49.981/1.9678	53.731/2.1154				IH
<b>5M2797P</b> STD, .30, .50, .80	<b>MAINS</b> 1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798
		49.981/1.9678	53.731/2.1154				IH
<b>1T7707</b> STD, .15	<b>THRUST</b>	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T
		55.500/2.1850	73.450/2.8917				IH
<b>1T7709</b> STD, .10	<b>THRUST</b>	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T
		55.500/2.1850	73.450/2.8917				IH
<b>RB4199</b> UNB	<b>PISTON PIN BUSH</b>	23.000/.9055	25.200/.9921		19.90/.784	F100	RB4199
		23.012/.9060	25.221/.9930				

# Porsche



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
901 1991cc Flat6 SOHC 2v	01/1963 - 12/1973	H6	1991	121	1
911 2195cc Flat6 SOHC 2v	09/1969 - 12/1972	H6	2195	133	1



1	Engine	Year	Cyl	Bore x Stroke	1		
	901 1991cc Flat6 SOHC 2v	01/1963 - 12/1973	H6	80.0mm x 66.0mm			
	911 2195cc Flat6 SOHC 2v	09/1969 - 12/1972	H6	84.0mm x 66.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>						
<b>6B2452H</b>		56.971/2.2429	61.000/2.4016	1.990/.0783	17.80/.701	F781	2452H
STD, .025, .25		56.990/2.2437	61.019/2.4023				IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>6B2452HX</b>		56.971/2.2429	61.000/2.4016	1.978/.0779	17.80/.701	F781	2452HX
STD		56.990/2.2437	61.019/2.4023				IH

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
680.701 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	747	45	34
680.702 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	747	45	34
839 Series 782cc Inline4 OHV 2v	09/1971 - 10/1982	L4	782	47	34
670.800 845cc Inline4 OHV 2v	01/1956 - 12/1969	L4	845	51	34
800 Series 845cc Inline4 OHV 2v	01/1965 - 12/1993	L4	845	51	34
B1B.707 845cc Inline4 OHV 2v	04/1983 - 10/1988	L4	845	51	34
813.02 852cc Inline4 OHV 2v	04/1972 - 12/1993	L4	852	51	2
689 Series 956cc Inline4 OHV 2v	07/1965 - 12/1985	L4	956	58	2
C1C Series 956cc Inline4 OHV 2v	10/1984 - 12/1996	L4	956	58	1
D4D 700 999cc Inline4 DOHC 4v	01/1997 - On	L4	999	60	3
D4D 720 999cc Inline4 DOHC 4v	01/1997 - On	L4	999	60	3
688 Series 1108cc Inline4 OHV 2v	02/1962 - 12/1993	L4	1108	67	1
C1E Series 1108cc Inline4 OHV 2v	01/1962 - 12/1996	L4	1108	67	16
D4F Series 1149cc Inline4 DOHC 4v	03/2000 - On	L4	1149	70	3
D7D 760 1149cc Inline4 SOHC 2v	01/1997 - On	L4	1149	70	3
D7F Series 1149cc Inline4 SOHC 2v	03/1996 - On	L4	1149	70	17
E5F Series 1171cc Inline4 SOHC 2v	01/1990 - 02/1998	L4	1171	71	4
E7F Series 1171cc Inline4 SOHC 2v	05/1990 - 12/2001	L4	1171	71	4
129 A7 1219cc Inline4 SOHC 2v	01/1976 - 12/1983	L4	1219	74	18
C1G Series 1237cc Inline4 OHV 2v	01/1984 - 12/2001	L4	1237	75	5
C3G Series 1239cc Inline4 OHV 2v	09/1991 - 03/1998	L4	1239	75	16
812 1255cc Inline4 OHV 2v	01/1967 - On	L4	1255	76	2
810 Series 1289cc Inline4 OHV 2v	01/1968 - 12/1989	L4	1289	78	40
150 1360cc Inline4 SOHC 2v	07/1979 - 12/1983	L4	1360	82	18
X5J 1360cc Inline4 SOHC 2v	12/1981 - 12/1983	L4	1360	82	18
E6J Series 1390cc Inline4 SOHC 2v	03/1986 - 12/2001	L4	1390	84	4
E7J Series 1390cc Inline4 SOHC 2v	05/1990 - On	L4	1390	84	4
K4J Series 1390cc Inline 4 DOHC 4v	06/1998 - On	L4	1390	84	41
K7J Series 1390cc Inline4 DOHC 4v	08/1997 - On	L4	1390	84	4
840-725 1397cc Inline4 OHV 2v	01/1976 - 12/1981	L4	1397	85	5
847 Series 1397cc Inline4 OHV 2v	01/1976 - 12/1989	L4	1397	85	5
C1J Series 1397cc Inline4 OHV 2v	01/1980 - 12/2001	L4	1397	85	5
C1J Series 1397cc Inline4 OHV 2v Turbo	10/1984 - 12/1996	L4	1397	85	5
C2J Series 1397cc Inline4 OHV 2v	10/1980 - 12/2001	L4	1397	85	5
C3J Series 1397cc Inline4 OHV 2v	10/1984 - 12/1996	L4	1397	85	5
C6J Series 1397cc Inline4 OHV 2v Turbo	12/1979 - 12/1985	L4	1397	85	5
K9K 1461cc Inline4 SOHC 2v Turbo Diesel	03/2000 - On	L4	1461	89	27
697.01 1470cc Inline4 OHV 2v	01/1965 - 10/1975	L4	1470	89	24
697.02 1470cc Inline4 OHV 2v	01/1965 - 10/1975	L4	1470	89	24
807 727 1565cc Inline4 OHV 2v Turbo	10/1980 - 07/1986	L4	1565	95	24
807 Series 1565cc Inline4 OHV 2v	01/1968 - 10/1980	L4	1565	95	24
821 Series 1565cc Inline4 OHV 2v	01/1970 - 12/1980	L4	1565	95	24
A5L Series 1565cc Inline4 OHV 2v	01/1982 - 12/1986	L4	1565	95	24
A7L Series 1565cc Inline4 OHV 2v	09/1982 - 09/1986	L4	1565	95	24
C2L Series 1565cc Inline4 OHV 2v	06/1988 - On	L4	1565	95	5
F8M Series 1595cc Inline4 SOHC 2v Diesel	09/1982 - 08/1998	L4	1595	97	22
H4M (Nissan) 1598cc Inline4 DOHC 4v	04/2009 - On	L4	1598	97	39
K4M Series 1598cc Inline 4 DOHC 4v	03/1998 - On	L4	1598	97	41
K7M Series 1598cc Inline4 DOHC 4v	01/1996 - On	L4	1598	97	26
844.12 1605cc Inline4 OHV 2v	09/1973 - 06/1977	L4	1605	97	24
841 Series 1647cc Inline4 OHV 2v	01/1976 - 12/1989	L4	1647	100	24
843 Series 1647cc Inline4 OHV 2v	10/1971 - 10/1981	L4	1647	100	24
A1M Series 1647cc Inline4 OHV 2v	09/1980 - 02/1989	L4	1647	100	24
A2M Series 1647cc Inline4 OHV 2v	04/1978 - 11/1993	L4	1647	100	24
A6M Series 1647cc Inline4 OHV 2v	10/1980 - 07/1986	L4	1647	100	24
F1N Series 1721cc Inline4 SOHC 2v	10/1984 - 10/1997	L4	1721	105	6
F2N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	1721	105	6
F3N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	1721	105	19





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
F7P Series 1764cc Inline4 DOHC 4v	06/1989 - 03/1996	L4	1764	107	20
F4P Series 1783cc Inline4 DOHC 4v	04/1998 - On	L4	1783	108	9
F3P Series 1794cc Inline4 SOHC 2v	06/1990 - 02/2001	L4	1794	109	7
F8Q Series 1870cc Inline4 SOHC 2v Diesel	01/1980 - 09/2003	L4	1870	114	13
F8Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	01/1990 - 12/2001	L4	1870	114	14
F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel	03/1997 - On	L4	1870	114	23
N7Q Series 1948cc Inline4 DOHC 4v	03/1995 - 02/2001	L4	1948	118	29
829 1995cc Inline4 SOHC 2v	01/1977 - 02/1989	L4	1995	121	21
J5R 1995cc Inline4 SOHC 2v	03/1980 - 07/1998	L4	1995	121	21
J6R 1995cc Inline4 SOHC 2v	10/1980 - 03/1993	L4	1995	121	21
J7R 1995cc Inline4 SOHC 2v	10/1986 - 09/1996	L4	1995	121	11
J7R 752 1995cc Inline4 SOHC 2v Turbo	04/1987 - 03/1992	L4	1995	121	11
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel	09/2004 - On	L4	1995	121	33
F3R Series 1998cc Inline4 SOHC 2v	07/1992 - 09/2003	L4	1998	121	7
F4R Series 1998cc Inline4 DOHC 4v	10/1998 - On	L4	1998	121	10
F4R Series 1998cc Inline4 DOHC 4v Turbo	09/2001 - On	L4	1998	121	10
F5R Series 1998cc Inline4 DOHC 4v	03/1999 - On	L4	1998	121	10
F7R Series 1998cc Inline4 DOHC 4v	01/1994 - 08/2003	L4	1998	121	8
852 Series 2068cc Inline4 SOHC 2v Diesel	09/1980 - 12/1997	L4	2068	126	15
J8S Series 2068cc Inline4 SOHC 2v Diesel	01/1980 - 12/1998	L4	2068	126	15
J8S Series 2068cc Inline4 SOHC 2v Turbo Diesel	10/1981 - 12/1996	L4	2068	126	15
851-700 2165cc Inline4 SOHC 2v	10/1980 - 12/1983	L4	2165	132	12
J6T Series 2165cc Inline4 SOHC 2v	03/1986 - 12/1994	L4	2165	132	25
J7T Series 2165cc Inline4 SOHC 2v/3v	01/1980 - 12/1998	L4	2165	132	12
G8T Series 2188cc Inline4 SOHC 3v Diesel	11/1993 - 03/2001	L4	2188	133	31
G8T Series 2188cc Inline4 SOHC 3v Turbo Diesel	03/1996 - 03/2001	L4	2188	133	32
G9T Series 2188cc Inline4 DOHC 4v Turbo Diesel	01/2000 - On	L4	2188	133	28
N7U Series 2435cc Inline5 DOHC 4v	10/1996 - 12/2000	L5	2435	148	30
8140.21.235 2445cc Inline4 SOHC 2v Turbo Diesel	01/1986 - 06/1994	L4	2445	149	37
8140.61 Series 2445cc Inline4 SOHC 2v Diesel	03/1980 - 03/2001	L4	2445	149	35
S8U Series 2445cc Inline4 SOHC 2v Diesel	08/1980 - 08/2001	L4	2445	149	35
G9U Series 2463cc Inline4 DOHC 4v Turbo Diesel	05/2000 - On	L4	2463	150	28
8140.07 Series 2499cc Inline4 SOHC 2v Diesel	09/1980 - On	L4	2499	152	35
8140.27 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	2499	152	35
8140.47 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	2499	152	35
8140.67 Series 2499cc Inline4 SOHC 2v Turbo Diesel	05/1989 - 03/2001	L4	2499	152	36
8144.67.2500 2499cc Inline4 SOHC 2v Diesel	09/1989 - 12/1994	L4	2499	152	37
8144.97 Series 2499cc Inline4 SOHC 2v Turbo Diesel	04/1992 - 09/1996	L4	2499	152	36
S8U Series 2499cc Inline4 SOHC 2v Diesel	03/1989 - 12/2003	L4	2499	152	36
S8U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 09/1996	L4	2499	152	35
S9U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 07/1998	L4	2499	152	35
8140.23 Series 2800cc Inline4 SOHC 2v Turbo Diesel	01/1996 - On	L4	2800	170	38
8140.43 Series 2800cc Inline4 SOHC 2v Turbo Diesel	05/1996 - On	L4	2800	170	38

1	Engine	Year	Cyl	Bore x Stroke	1
	688 Series 1108cc Inline4 OHV 2v	02/1962 - 12/1993	L4	70.0mm x 72.0mm	
	C1C Series 956cc Inline4 OHV 2v	10/1984 - 12/1996	L4	65.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7826A</b> STD, .25, .50, .75		43.964/1.7309	47.614/1.8746	1.810/.0713	20.75/.817	F810	7826A IH
		43.980/1.7315	47.625/1.8750				
<b>MAINS</b>							
<i>Suits 46mm shafts.</i>							
<b>5M7904A</b> STD, .25, .50, .75	1,2,4	45.990/1.8106	49.874/1.9635	1.922/.0757	19.50/.768	F810	7904A UL
		46.000/1.8110	49.890/1.9642				
	3,5	45.990/1.8106	49.874/1.9635	1.922/.0757	24.50/.965	F810	7905A UL
		46.000/1.8110	49.980/1.9677				
<b>MAINS</b>							
<i>To suit engines with 54.80mm shaft.</i>							
<b>5M7909A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.950/.0768	19.50/.768	F810	7909A UL
		54.805/2.1577	58.750/2.3130				
<b>THRUST</b>							
<b>1T7815</b> STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				
<b>THRUST</b>							
<b>1T7904</b> STD		50.500/1.9882	67.670/2.6642		2.36/.093	F817	7904T UL
		50.750/1.9980	67.920/2.6740				
<b>CAMS</b>							
<b>1C7910</b> STD				1.720/.0677	19.10/.752	F100	7910

2	Engine	Year	Cyl	Bore x Stroke	2
	689 Series 956cc Inline4 OHV 2v	07/1965 - 12/1985	L4	65.0mm x 72.0mm	
	812 1255cc Inline4 OHV 2v	01/1967 - On	L4	74.5mm x 72.0mm	
	813.02 852cc Inline4 OHV 2v	04/1972 - 12/1993	L4	61.4mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7826A</b> STD, .25, .50, .75		43.964/1.7309	47.614/1.8746	1.810/.0713	20.75/.817	F810	7826A IH
		43.980/1.7315	47.625/1.8750				
<b>MAINS</b>							
<i>Suits 46mm shafts.</i>							
<b>5M7904A</b> STD, .25, .50, .75	1,2,4	45.990/1.8106	49.874/1.9635	1.922/.0757	19.50/.768	F810	7904A UL
		46.000/1.8110	49.890/1.9642				
	3,5	45.990/1.8106	49.874/1.9635	1.922/.0757	24.50/.965	F810	7905A UL
		46.000/1.8110	49.980/1.9677				
<b>THRUST</b>							
<b>1T7904</b> STD		50.500/1.9882	67.670/2.6642		2.36/.093	F817	7904T UL
		50.750/1.9980	67.920/2.6740				
<b>CAMS</b>							
<b>1C7910</b> STD				1.720/.0677	19.10/.752	F100	7910

3	Engine	Year	Cyl	Bore x Stroke	3
	D4D 700 999cc Inline4 DOHC 4v	01/1997 - On	L4	69.0mm x 66.8mm	
	D4D 720 999cc Inline4 DOHC 4v	01/1997 - On	L4	69.0mm x 66.8mm	
	D4F Series 1149cc Inline4 DOHC 4v	03/2000 - On	L4	69.0mm x 76.8mm	
	D7D 760 1149cc Inline4 SOHC 2v	01/1997 - On	L4	69.0mm x 76.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Bearings have no notches.</i>							
<b>4B7830A</b> STD, .25, .50		39.984/1.5742	43.639/1.7181	1.813/.0714	16.25/.640	F810	7830A IH
		40.000/1.5748	43.650/1.7185				
<b>MAINS</b>							
<i>Bearings have no notches.</i>							
<b>5M7866A</b> STD, .25, .50	1,2,4,5	43.990/1.7319	47.612/1.8745	1.795/.0707	18.80/.740	F810	7866A UL
		44.010/1.7327	47.625/1.8750				





3 Continued ...							3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7866A</b> STD, .25, .50	3	43.990/1.7319	47.612/1.8745	1.795/.0707	23.90/.941	F810	7867A(F) U
		44.010/1.7327	47.625/1.8750				

4 Engine	Year	Cyl	Bore x Stroke	4
E5F Series 1171cc Inline4 SOHC 2v	01/1990 - 02/1998	L4	75.8mm x 64.9mm	
E6J Series 1390cc Inline4 SOHC 2v	03/1986 - 12/2001	L4	75.8mm x 77.0mm	
E7F Series 1171cc Inline4 SOHC 2v	05/1990 - 12/2001	L4	75.8mm x 74.9mm	
E7J Series 1390cc Inline4 SOHC 2v	05/1990 - On	L4	75.8mm x 77.0mm	
K7J Series 1390cc Inline4 DOHC 4v	08/1997 - On	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Both halves are plain.</i>					
<b>4B7900A</b> STD, .25, .50, .75		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
		43.980/1.7315	47.625/1.8750				
<b>THRUST</b>							
<b>1T7815</b> STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				

5 Engine	Year	Cyl	Bore x Stroke	5
840-725 1397cc Inline4 OHV 2v	01/1976 - 12/1981	L4	76.0mm x 77.0mm	
847 Series 1397cc Inline4 OHV 2v	01/1976 - 12/1989	L4	76.0mm x 77.0mm	
C1G Series 1237cc Inline4 OHV 2v	01/1984 - 12/2001	L4	71.5mm x 77.0mm	
C1J Series 1397cc Inline4 OHV 2v	01/1980 - 12/2001	L4	76.0mm x 77.0mm	
C1J Series 1397cc Inline4 OHV 2v Turbo	10/1984 - 12/1996	L4	76.0mm x 77.0mm	
C2J Series 1397cc Inline4 OHV 2v	10/1980 - 12/2001	L4	76.0mm x 77.0mm	
C2L Series 1565cc Inline4 OHV 2v	06/1988 - On	L4	77.0mm x 84.0mm	
C3J Series 1397cc Inline4 OHV 2v	10/1984 - 12/1996	L4	76.0mm x 77.0mm	
C6J Series 1397cc Inline4 OHV 2v Turbo	12/1979 - 12/1985	L4	76.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Both halves are plain.</i>					
<b>4B7900A</b> STD, .25, .50, .75		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
		43.980/1.7315	47.625/1.8750				
<b>MAINS</b>		<i>To suit engines with 54.80mm shaft.</i>					
<b>5M7909A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.950/.0768	19.50/.768	F810	7909A UL
		54.805/2.1577	58.750/2.3130				
<b>THRUST</b>		<i>Use with 5M7909.</i>					
<b>1T7815</b> STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				
		62.500/2.4606	79.750/3.1398				
		62.750/2.4705	80.000/3.1496				
<b>CAMS</b>							
<b>1C7910</b> STD				1.720/.0677	19.10/.752	F100	7910

6 Engine	Year	Cyl	Bore x Stroke	6
F1N Series 1721cc Inline4 SOHC 2v	10/1984 - 10/1997	L4	81.0mm x 83.5mm	
F2N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	81.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7820A</b> STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
<b>RACE SERIES</b>							
<b>4B7820H</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				



6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B7820HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				
<b>5M7807A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
<b>RACE SERIES</b> <b>5M7807HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX UL
		54.795/2.1573	58.744/2.3128				
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>					
		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				
<b>2C7813</b> STD, .10	<b>CAMS</b>	40.425/1.5915	43.500/1.7126	1.500/.0591	19.25/.758	F250	7813
		40.450/1.5925	43.525/1.7136				
		39.500/1.5551	42.500/1.6732	1.500/.0591	12.50/.492	F250	7814
		39.525/1.5561	42.525/1.6742				

7 Engine	Year	Cyl	Bore x Stroke	7
F3P Series 1794cc Inline4 SOHC 2v	06/1990 - 02/2001	L4	82.7mm x 83.5mm	
F3R Series 1998cc Inline4 SOHC 2v	07/1992 - 09/2003	L4	82.7mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7816A</b> STD, .25, .50	<b>CONROD</b>	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
		48.020/1.8905	51.606/2.0317				
<b>4B7816P</b> STD, .25, .50	<b>CONROD</b>	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U
		48.020/1.8905	51.606/2.0317				
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
		48.020/1.8905	51.606/2.0317				
<b>4B7820A</b> STD, .25	<b>CONROD</b>	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
<b>RACE SERIES</b> <b>4B7820H</b> STD, .25, .50	<b>CONROD</b>	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
<b>RACE SERIES</b> <b>4B7820HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				
<b>5M7807A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
<b>RACE SERIES</b> <b>5M7807HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX UL
		54.795/2.1573	58.744/2.3128				
<b>5M7808P</b> STD, .25, .50	<b>MAINS</b>	<i>Bearings have no notch.</i>					
	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL
		54.795/2.1573	58.744/2.3128				
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>					
		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				





7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b>							
<b>2C7813</b> STD, .10		39.500/1.5551	42.500/1.6732	1.500/.0591	12.50/.492	F250	7814
		39.525/1.5561	42.525/1.6742				
		40.425/1.5915	43.500/1.7126	1.500/.0591	19.25/.758	F250	7813
		40.450/1.5925	43.525/1.7136				

8 Engine			Year	Cyl	Bore x Stroke	8
F7R Series 1998cc Inline4 DOHC 4v			01/1994 - 08/2003	L4	82.7mm x 93.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Bearings have no notches.</i>							
<b>4B7816A</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
		48.020/1.8905	51.606/2.0317				
<b>CONROD</b>							
<i>Bearings have no notches.</i>							
<b>4B7816P</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
		48.020/1.8905	51.606/2.0317				7816 U
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U
		48.020/1.8905	51.606/2.0317				
<b>CONROD</b>							
<b>4B7820A</b> STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
<b>RACE SERIES</b>							
<b>4B7820H</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
<b>RACE SERIES</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>4B7820HX</b> STD		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				
<b>MAINS</b>							
<b>5M7807A</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
<b>RACE SERIES</b>							
<b>5M7807H</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
<b>RACE SERIES</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>5M7807HX</b> STD	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX UL
		54.795/2.1573	58.744/2.3128				
<b>MAINS</b>							
<i>Bearings have no notch.</i>							
<b>5M7808P</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL
		54.795/2.1573	58.744/2.3128				
<b>THRUST</b>							
<i>Shaped washer with cutouts.</i>							
<b>1T7807</b> STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				
<b>CAMS</b>							
<b>2C7813</b> STD, .10		40.425/1.5915	43.500/1.7126	1.500/.0591	19.25/.758	F250	7813
		40.450/1.5925	43.525/1.7136				
		39.500/1.5551	42.500/1.6732	1.500/.0591	12.50/.492	F250	7814
		39.525/1.5561	42.525/1.6742				
<b>PISTON PIN BUSH</b>							
<b>RB4122</b> UNB			23.000/.9055	1.260/.0496	24.75/.974	F100	RB4122
			23.021/.9063				

9 Engine			Year	Cyl	Bore x Stroke	9
F4P Series 1783cc Inline4 DOHC 4v			04/1998 - On	L4	82.7mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<i>These bearings have no notch.</i>							
<b>5M7875A</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7875A UL
		54.795/2.1573	58.744/2.3128				

**9 Continued ... 9**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>					
<b>1T7807</b> STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH
<b>RB4122</b> UNB	<b>PISTON PIN BUSH</b>		23.000/.9055 23.021/.9063	1.260/.0496	24.75/.974	F100	RB4122

**10 Engine Year Cyl Bore x Stroke 10**

F4R Series 1998cc Inline4 DOHC 4v	10/1998 - On	L4	82.7mm x 93.0mm
F4R Series 1998cc Inline4 DOHC 4v Turbo	09/2001 - On	L4	82.7mm x 93.0mm
F5R Series 1998cc Inline4 DOHC 4v	03/1999 - On	L4	82.7mm x 93.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Bearings have no notches.</i>					
<b>4B7816A</b> STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A IH
	<b>CONROD</b>	<i>Bearings have no notches.</i>					
<b>4B7816P</b> STD, .25, .50		48.000/1.8898 48.020/1.8905 48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317 51.587/2.0310 51.606/2.0317	1.776/.0699 1.776/.0699	20.25/.797 20.25/.797	F780 F810	7816 U 7816A L
	<b>MAINS</b>	<i>Bearings have no notch.</i>					
<b>5M7808P</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7808 UL
	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>					
<b>1T7807</b> STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH
<b>RB4122</b> UNB	<b>PISTON PIN BUSH</b>		23.000/.9055 23.021/.9063	1.260/.0496	24.75/.974	F100	RB4122

**11 Engine Year Cyl Bore x Stroke 11**

J7R 1995cc Inline4 SOHC 2v	10/1986 - 09/1996	L4	88.0mm x 82.0mm
J7R 752 1995cc Inline4 SOHC 2v Turbo	04/1987 - 03/1992	L4	88.0mm x 82.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Upper half with slot.</i>					
<b>4B7805A</b> STD, .25, .50		52.267/2.0578 52.286/2.0585	56.000/2.2047 56.019/2.2055	1.842/.0725	18.75/.738	F810	7805A UL
	<b>MAINS</b>	<i>Contains 5 pieces with groove and 3 holes &amp; 5 plain shells with 2 holes.</i>					
<b>5M7804A</b> STD, .25	1,2,3,4,5	62.861/2.4748 62.880/2.4756	66.668/2.6247 66.687/2.6255	1.879/.0740	23.50/.925	F810	7804A UL
	<b>THRUST</b>	<i>Use with 5M7804. Use with 5M7804.</i>					
<b>1T7804</b> STD		71.190/2.8028 71.450/2.8130	87.830/3.4579 88.090/3.4681		2.85/.112	F817	7804T IH

**12 Engine Year Cyl Bore x Stroke 12**

851-700 2165cc Inline4 SOHC 2v	10/1980 - 12/1983	L4	88.0mm x 89.0mm
J7T Series 2165cc Inline4 SOHC 2v/3v	01/1980 - 12/1998	L4	88.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Oil hole in upper half.</i>					
<b>4B7800A</b> STD, .25		56.267/2.2152 56.286/2.2160	60.005/2.3624 60.019/2.3629	1.842/.0725	20.75/.817	F810	7800A UL
	<b>CONROD</b>	<i>32 degree slot in upper half.</i>					
<b>4B7802A</b> STD, .25		56.267/2.2152 56.286/2.2160	60.005/2.3624 60.019/2.3629	1.842/.0725	20.75/.817	F810	7802A UL





12 Continued ...							12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Plain shells upper and lower.</i>							
<b>4B7806A</b> STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7806A IH
		56.286/2.2160	60.019/2.3629				
<b>CONROD</b> <i>24 degree slot in upper half.</i>							
<b>4B7838A</b> STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7838A UL
		56.286/2.2160	60.019/2.3629				
<b>MAINS</b> <i>Contains 10 identical halves with full groove and 3 holes.</i>							
<b>5M7803A</b> STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A IH
		62.892/2.4761	66.687/2.6255				
<b>MAINS</b> <i>Contains 5 pieces with groove and 3 holes &amp; 5 plain shells with 2 holes.</i>							
<b>5M7804A</b> STD, .25	1,2,3,4,5	62.861/2.4748	66.668/2.6247	1.879/.0740	23.50/.925	F810	7804A UL
		62.880/2.4756	66.687/2.6255				
<b>THRUST</b> <i>Use with 5M7803.</i>							
<b>1T7803</b> STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579				
		71.450/2.8130	88.090/3.4681				
<b>THRUST</b> <i>Use with 5M7804. Use with 5M7804.</i>							
<b>1T7804</b> STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7804T IH
		71.450/2.8130	88.090/3.4681				
<b>PISTON PIN BUSH</b>							
<b>RB4121</b> UNB		24.002/.9450	26.000/1.0236	1.160/.0457	25.25/.994	F100	RB4121
		24.010/.9453	26.021/1.0244				

13 Engine				Year	Cyl	Bore x Stroke	13
F8Q Series 1870cc Inline4 SOHC 2v Diesel				01/1980 - 09/2003	L4	80.0mm x 93.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have no notches.</i>							
<b>4B7816A</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
		48.020/1.8905	51.606/2.0317				
<b>CONROD</b> <i>Bearings have no notches.</i>							
<b>4B7816P</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
		48.020/1.8905	51.606/2.0317				
		48.000/1.8898	51.587/2.0310				
		48.020/1.8905	51.606/2.0317				
<b>CONROD</b>							
<b>4B7820A</b> STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
<b>CONROD</b>							
<b>RACE SERIES</b> <b>4B7820H</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B7820HX</b> STD		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				
<b>MAINS</b>							
<b>5M7807A</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
<b>MAINS</b>							
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>5M7807HX</b> STD	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX UL
		54.795/2.1573	58.744/2.3128				
<b>MAINS</b> <i>Bearings have no notch.</i>							
<b>5M7808P</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL
		54.795/2.1573	58.744/2.3128				

**13 Continued ... 13**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>					
<b>1T7807</b> STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4185</b> UNB		24.005/.9451 24.012/.9454	26.000/1.0236 26.021/1.0244		24.75/.974	F100	4RB4185
	<b>PISTON PIN BUSH</b>						
<b>RB4185</b> UNB		24.005/.9451 24.012/.9454	26.000/1.0236 26.021/1.0244		24.75/.974	F100	RB4185

**14 Engine Year Cyl Bore x Stroke 14**  
**F8Q Series 1870cc Inline4 SOHC 2v Turbo Diesel 01/1990 - 12/2001 L4 80.0mm x 93.0mm**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>CONROD</b>	<i>Bearings have no notches.</i>						
<b>4B7816A</b> STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A IH	
	<b>CONROD</b>	<i>Bearings have no notches.</i>						
<b>4B7816P</b> STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F780	7816 U	
		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A L	
	<b>CONROD</b>							
<b>4B7820A</b> STD, .25		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.768/.0696	20.50/.807	F810	7820A IH	
<b>RACE SERIES 4B7820H</b> STD, .25, .50	<b>CONROD</b>	48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.768/.0696	20.50/.807	F781	7820H IH	
<b>RACE SERIES 4B7820HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>						
		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.755/.0691	20.50/.807	F781	7820HX IH	
	<b>MAINS</b>							
<b>5M7807A</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F810	7807A UL	
<b>RACE SERIES 5M7807H</b> STD, .25, .50	<b>MAINS</b>	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL
<b>RACE SERIES 5M7807HX</b> STD	<b>MAINS</b>	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.932/.0761	18.50/.728	F780	7807HX UL	
	<b>MAINS</b>							
<b>5M7808P</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7808 UL	
	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>						
<b>1T7807</b> STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH	
	<b>PISTON PIN BUSH</b>							
<b>RB4186</b> UNB		26.013/1.0241 26.025/1.0246	29.000/1.1417 29.021/1.1426		22.90/.902	F100	RB4186	





15	Engine	Year	Cyl	Bore x Stroke	15
	852 Series 2068cc Inline4 SOHC 2v Diesel	09/1980 - 12/1997	L4	86.0mm x 89.0mm	
	J8S Series 2068cc Inline4 SOHC 2v Diesel	01/1980 - 12/1998	L4	86.0mm x 89.0mm	
	J8S Series 2068cc Inline4 SOHC 2v Turbo Diesel	10/1981 - 12/1996	L4	86.0mm x 89.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Oil hole in upper half.</i>							
<b>4B7800A</b> STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7800A UL
		56.286/2.2160	60.019/2.3629				
<b>CONROD</b>							
<i>32 degree slot in upper half.</i>							
<b>4B7802A</b> STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7802A UL
		56.286/2.2160	60.019/2.3629				
<b>CONROD</b>							
<i>Plain shells upper and lower.</i>							
<b>4B7806A</b> STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7806A IH
		56.286/2.2160	60.019/2.3629				
<b>CONROD</b>							
<i>24 degree slot in upper half.</i>							
<b>4B7838A</b> STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7838A UL
		56.286/2.2160	60.019/2.3629				
<b>MAINS</b>							
<i>Contains 10 identical halves with full groove and 3 holes.</i>							
<b>5M7803A</b> STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A IH
		62.892/2.4761	66.687/2.6255				
<b>MAINS</b>							
<i>Contains 5 pieces with groove and 3 holes &amp; 5 plain shells with 2 holes.</i>							
<b>5M7804A</b> STD, .25	1,2,3,4,5	62.861/2.4748	66.668/2.6247	1.879/.0740	23.50/.925	F810	7804A UL
		62.880/2.4756	66.687/2.6255				
<b>THRUST</b>							
<i>Use with 5M7803. Use with 5M7803.</i>							
<b>1T7803</b> STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
<b>THRUST</b>							
<i>Use with 5M7804.</i>							
<b>1T7804</b> STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7804T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7804T IH
		71.450/2.8130	88.090/3.4681				
<b>PISTON PIN BUSH</b>							
<b>RB4181</b> UNB		28.002/1.1024	30.000/1.1811		25.25/.994	F100	RB4181
		28.010/1.1028	30.021/1.1819				

16	Engine	Year	Cyl	Bore x Stroke	16
	C1E Series 1108cc Inline4 OHV 2v	01/1962 - 12/1996	L4	70.0mm x 72.0mm	
	C3G Series 1239cc Inline4 OHV 2v	09/1991 - 03/1998	L4	74.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7826A</b> STD, .25, .50, .75		43.964/1.7309	47.614/1.8746	1.810/.0713	20.75/.817	F810	7826A IH
		43.980/1.7315	47.625/1.8750				
<b>MAINS</b>							
<i>To suit engines with 54.80mm shaft.</i>							
<b>5M7909A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.950/.0768	19.50/.768	F810	7909A UL
		54.805/2.1577	58.750/2.3130				
<b>THRUST</b>							
<i>Use with 5M7909.</i>							
<b>1T7815</b> STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				
<b>CAMS</b>							
<b>1C7910</b> STD				1.720/.0677	19.10/.752	F100	7910

17	Engine	Year	Cyl	Bore x Stroke	17
	D7F Series 1149cc Inline4 SOHC 2v	03/1996 - On	L4	69.0mm x 76.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have no notches.</i>							
<b>4B7830A</b> STD, .25, .50		39.984/1.5742	43.639/1.7181	1.813/.0714	16.25/.640	F810	7830A IH
		40.000/1.5748	43.650/1.7185				
<b>4B7860A</b> STD, .25, .50		39.984/1.5742	43.639/1.7181	1.813/.0714	16.25/.640	F810	7860A IH
		40.000/1.5748	43.650/1.7185				
<b>MAINS</b>							
<b>5M7817A</b> STD, .25, .50	1,2,4,5	43.990/1.7319	47.612/1.8745	1.798/.0708	18.80/.740	F810	7817A UL
		44.010/1.7327	47.625/1.8750				
	3	43.990/1.7319	47.612/1.8745	1.798/.0708	23.93/.942	F810	7818A(F) U
		44.010/1.7327	47.625/1.8750				
<b>MAINS</b> <i>Bearings have no notches.</i>							
<b>5M7866A</b> STD, .25, .50	1,2,4,5	43.990/1.7319	47.612/1.8745	1.795/.0707	18.80/.740	F810	7866A UL
		44.010/1.7327	47.625/1.8750				
	3	43.990/1.7319	47.612/1.8745	1.795/.0707	23.90/.941	F810	7867A(F) U
		44.010/1.7327	47.625/1.8750				

18	Engine	Year	Cyl	Bore x Stroke	18
	129 A7 1219cc Inline4 SOHC 2v	01/1976 - 12/1983	L4	75.0mm x 69.0mm	
	150 1360cc Inline4 SOHC 2v	07/1979 - 12/1983	L4	75.0mm x 77.0mm	
	X5J 1360cc Inline4 SOHC 2v	12/1981 - 12/1983	L4	75.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings are plain.</i>							
<b>4B7712A</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F810	7712A IH
		44.991/1.7713	48.671/1.9162				
<b>RACE SERIES</b> <b>4B7712H</b> STD, .30, .50		44.975/1.7707	48.655/1.9155	1.820/.0717	19.75/.778	F781	7712H IH
		44.991/1.7713	48.671/1.9162				
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B7712HX</b> STD		44.975/1.7707	48.655/1.9155	1.807/.0711	19.75/.778	F781	7712HX IH
		44.991/1.7713	48.671/1.9162				
<b>MAINS</b> <i>Set contains 7 grooved and 3 plain shells.</i>							
<b>5M7705A</b> STD, .30, .50		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7707A L
		49.981/1.9678	53.674/2.1131				
		49.965/1.9671	53.655/2.1124	1.832/.0721	17.29/.681	F810	7705A IH
<b>THRUST</b>							
<b>1T7707</b> STD, .15		55.250/2.1752	73.250/2.8839	2.35/.093		F817	7707T IH
		55.500/2.1850	73.450/2.8917				
<b>THRUST</b>							
<b>1T7709</b> STD, .10		55.250/2.1752	73.250/2.8839	2.45/.097		F817	7709T IH
		55.500/2.1850	73.450/2.8917				

19	Engine	Year	Cyl	Bore x Stroke	19
	F3N Series 1721cc Inline4 SOHC 2v	10/1983 - 12/1996	L4	81.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7820A</b> STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
<b>RACE SERIES</b> <b>4B7820H</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B7820HX</b> STD		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				



19 Continued ...							19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7807A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F810	7807A UL
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL
<b>RACE SERIES</b> <b>5M7807HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX UL
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH
<b>2C7813</b> STD, .10	<b>CAMS</b>	39.500/1.5551 39.525/1.5561 40.425/1.5915 40.450/1.5925	42.500/1.6732 42.525/1.6742 43.500/1.7126 43.525/1.7136	1.500/.0591 1.500/.0591	12.50/.492 19.25/.758	F250 F250	7814 7813
<b>RB4122</b> UNB	<b>PISTON PIN BUSH</b>		23.000/.9055 23.021/.9063	1.260/.0496	24.75/.974	F100	RB4122

20 Engine				Year	Cyl	Bore x Stroke	20
F7P Series 1764cc Inline4 DOHC 4v				06/1989 - 03/1996	L4	82.0mm x 83.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7820A</b> STD, .25	<b>CONROD</b>	48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.768/.0696	20.50/.807	F810	7820A IH
<b>RACE SERIES</b> <b>4B7820H</b> STD, .25, .50	<b>CONROD</b>	48.000/1.8898 48.020/1.8905	51.587/2.0310 51.600/2.0315	1.768/.0696	20.50/.807	F781	7820H IH
<b>RACE SERIES</b> <b>4B7820HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.755/.0691	20.50/.807	F781	7820HX IH
<b>5M7807A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F810	7807A UL
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL
<b>RACE SERIES</b> <b>5M7807HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX UL
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH
<b>RB4122</b> UNB	<b>PISTON PIN BUSH</b>		23.000/.9055 23.021/.9063	1.260/.0496	24.75/.974	F100	RB4122



21	Engine	Year	Cyl	Bore x Stroke	21
	829 1995cc Inline4 SOHC 2v	01/1977 - 02/1989	L4	88.0mm x 82.0mm	
	J5R 1995cc Inline4 SOHC 2v	03/1980 - 07/1998	L4	88.0mm x 82.0mm	
	J6R 1995cc Inline4 SOHC 2v	10/1980 - 03/1993	L4	88.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Upper half with slot.</i>							
<b>4B7805A</b> STD, .25, .50		52.267/2.0578	56.000/2.2047	1.842/.0725	18.75/.738	F810	7805A UL
		52.286/2.0585	56.019/2.2055				
<b>MAINS</b> <i>Contains 10 identical halves with full groove and 3 holes.</i>							
<b>5M7803A</b> STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A IH
		62.892/2.4761	66.687/2.6255				
<b>MAINS</b> <i>Contains 5 pieces with groove and 3 holes &amp; 5 plain shells with 2 holes.</i>							
<b>5M7804A</b> STD, .25	1,2,3,4,5	62.861/2.4748	66.668/2.6247	1.879/.0740	23.50/.925	F810	7804A UL
		62.880/2.4756	66.687/2.6255				
<b>THRUST</b> <i>Use with 5M7803. Use with 5M7803.</i>							
<b>1T7803</b> STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579				
		71.450/2.8130	88.090/3.4681				
<b>THRUST</b> <i>Use with 5M7804. Use with 5M7804.</i>							
<b>1T7804</b> STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7804T IH
		71.450/2.8130	88.090/3.4681				
		71.190/2.8028	87.830/3.4579				
		71.450/2.8130	88.090/3.4681				

22	Engine	Year	Cyl	Bore x Stroke	22
	F8M Series 1595cc Inline4 SOHC 2v Diesel	09/1982 - 08/1998	L4	78.0mm x 83.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7820A</b> STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A IH
		48.020/1.8905	51.600/2.0315				
<b>RACE SERIES</b>							
<b>4B7820H</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H IH
		48.020/1.8905	51.600/2.0315				
<b>CONROD</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B7820HX</b> STD		48.000/1.8898	51.587/2.0310	1.755/.0691	20.50/.807	F781	7820HX IH
		48.020/1.8905	51.600/2.0315				
<b>MAINS</b>							
<b>5M7807A</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A UL
		54.795/2.1573	58.744/2.3128				
<b>RACE SERIES</b>							
<b>5M7807H</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H UL
		54.795/2.1573	58.744/2.3128				
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>5M7807HX</b> STD	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.932/.0761	18.50/.728	F780	7807HX UL
		54.795/2.1573	58.744/2.3128				
<b>THRUST</b> <i>Shaped washer with cutouts.</i>							
<b>1T7807</b> STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				
<b>PISTON PIN BUSH</b>							
<b>RB4186</b> UNB		26.013/1.0241	29.000/1.1417		22.90/.902	F100	RB4186
		26.025/1.0246	29.021/1.1426				





23 Engine		Year		Cyl	Bore x Stroke		23
F9Q Series 1870cc Inline4 SOHC 2v Turbo Diesel		03/1997 - On		L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have no notches.</i>							
<b>4B7816A</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A IH
		48.020/1.8905	51.606/2.0317				
<b>CONROD</b> <i>Bearings have no notches.</i>							
<b>4B7816P</b> STD, .25, .50		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F780	7816 U
		48.020/1.8905	51.606/2.0317				
		48.000/1.8898	51.587/2.0310	1.776/.0699	20.25/.797	F810	7816A L
		48.020/1.8905	51.606/2.0317				
<b>MAINS</b> <i>Bearings have no notch.</i>							
<b>5M7808P</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7808 UL
		54.795/2.1573	58.744/2.3128				
<b>THRUST</b> <i>Shaped washer with cutouts.</i>							
<b>1T7807</b> STD, .10		60.500/2.3819	79.750/3.1398		2.35/.093	F817	7807T IH
		60.750/2.3917	80.000/3.1496				
<b>PISTON PIN BUSH</b>							
<b>RB4184</b>		27.996/1.1022	30.240/1.1905		24.65/.971	F100	RB4184
		28.000/1.1024	30.260/1.1913				

24 Engine		Year		Cyl	Bore x Stroke		24
697.01 1470cc Inline4 OHV 2v		01/1965 - 10/1975		L4	76.0mm x 81.0mm		
697.02 1470cc Inline4 OHV 2v		01/1965 - 10/1975		L4	76.0mm x 81.0mm		
807 727 1565cc Inline4 OHV 2v Turbo		10/1980 - 07/1986		L4	77.0mm x 84.0mm		
807 Series 1565cc Inline4 OHV 2v		01/1968 - 10/1980		L4	77.0mm x 84.0mm		
821 Series 1565cc Inline4 OHV 2v		01/1970 - 12/1980		L4	77.0mm x 84.0mm		
841 Series 1647cc Inline4 OHV 2v		01/1976 - 12/1989		L4	79.0mm x 84.0mm		
843 Series 1647cc Inline4 OHV 2v		10/1971 - 10/1981		L4	79.0mm x 84.0mm		
844.12 1605cc Inline4 OHV 2v		09/1973 - 06/1977		L4	78.0mm x 84.0mm		
A1M Series 1647cc Inline4 OHV 2v		09/1980 - 02/1989		L4	79.0mm x 84.0mm		
A2M Series 1647cc Inline4 OHV 2v		04/1978 - 11/1993		L4	79.0mm x 84.0mm		
A5L Series 1565cc Inline4 OHV 2v		01/1982 - 12/1986		L4	77.0mm x 84.0mm		
A6M Series 1647cc Inline4 OHV 2v		10/1980 - 07/1986		L4	79.0mm x 84.0mm		
A7L Series 1565cc Inline4 OHV 2v		09/1982 - 09/1986		L4	79.0mm x 84.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8101A</b> STD, .25, .50		48.002/1.8898	51.587/2.0310	1.768/.0696	21.75/.856	F810	8101A IH
		48.018/1.8905	51.600/2.0315				
<b>MAINS</b>							
<b>5M8102A</b> STD, .25, .50	1,2,3,4,5	54.803/2.1576	58.731/2.3122	1.950/.0768	20.50/.807	F810	8102A UL
		54.813/2.1580	58.750/2.3130				
<b>THRUST</b>							
<b>1T7815</b> STD, .10		62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				

25 Engine		Year		Cyl	Bore x Stroke		25
J6T Series 2165cc Inline4 SOHC 2v		03/1986 - 12/1994		L4	88.0mm x 89.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>32 degree slot in upper half.</i>							
<b>4B7802A</b> STD, .25		56.267/2.2152	60.005/2.3624	1.842/.0725	20.75/.817	F810	7802A UL
		56.286/2.2160	60.019/2.3629				
<b>MAINS</b> <i>Contains 10 identical halves with full groove and 3 holes.</i>							
<b>5M7803A</b> STD, .25	1,2,3,4,5	62.873/2.4753	66.668/2.6247	1.884/.0742	23.50/.925	F810	7803A IH
		62.892/2.4761	66.687/2.6255				

**25 Continued ... 25**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b> <i>Use with 5M7803.</i>							
<b>1T7803</b> STD		71.190/2.8028	87.830/3.4579		2.85/.112	F817	7803T IH
		71.450/2.8130	88.090/3.4681				
<b>PISTON PIN BUSH</b>							
<b>RB4121</b> UNB		24.002/.9450	26.000/1.0236	1.160/.0457	25.25/.994	F100	RB4121
		24.010/.9453	26.021/1.0244				

**26 Engine Year Cyl Bore x Stroke 26**  
K7M Series 1598cc Inline4 DOHC 4v 01/1996 - On L4 79.5mm x 80.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Both halves are plain.</i>							
<b>4B7900A</b> STD, .25, .50, .75		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
		43.980/1.7315	47.625/1.8750				
<b>CONROD</b> <i>Bearings have no notches.</i>							
<b>4B7906A</b> STD, .25, .50, .75		43.960/1.7307	47.610/1.8744	1.808/.0712	17.75/.699	F810	7906A IH
		43.980/1.7315	47.628/1.8751				
<b>CONROD</b>							
<b>4B7907A</b> STD, .25, .50, .75		43.960/1.7307	47.610/1.8744	1.808/.0712	17.75/.699	F810	7907A IH
		43.980/1.7315	47.628/1.8751				
<b>MAINS</b> <i>Bearings have no notches. Set contains 7 grooved shells and 3 plain.</i>							
<b>5M7865A</b> STD, .25, .50, .75	1,2,3,4,5	48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7865A UL
		48.011/1.8902	51.943/2.0450				
<b>MAINS</b>							
<b>5M7868A</b> STD, .25, .50, .75		48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7868A UL
		48.011/1.8902	51.943/2.0450	1.950/.0768	19.50/.768	F810	7869A IH
		48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7869A IH
		48.011/1.8902	51.943/2.0450	1.950/.0768	19.50/.768	F810	7869A IH
<b>THRUST</b>							
<b>1T7809</b> STD		53.500/2.1063	73.750/2.9035		2.85/.112	F817	7809T IH
		53.750/2.1161	74.000/2.9134				

**27 Engine Year Cyl Bore x Stroke 27**  
K9K 1461cc Inline4 SOHC 2v Turbo Diesel 03/2000 - On L4 76.0mm x 80.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have no notch.</i>							
<b>4B5506P</b> STD, .25, .50		43.960/1.7307	47.610/1.8744	1.815/.0715	20.75/.817	F780	5506 U
		43.980/1.7315	47.628/1.8751				
		43.960/1.7307	47.610/1.8744	1.806/.0711	17.75/.699	F810	5526A L
		43.980/1.7315	47.628/1.8751				
<b>CONROD</b> <i>Bearings have no notch.</i>							
<b>4B5524P</b> STD, .25, .50		43.960/1.7307	47.628/1.8751	1.803/.0710	20.60/.811	F780	5524 U
		43.980/1.7315	47.628/1.8751				
		43.960/1.7307	47.610/1.8744	1.803/.0710	17.60/.693	F780	5525 L
		43.980/1.7315	47.628/1.8751				
<b>CONROD</b>							
<b>4B5527P</b> STD, .25, .50		43.960/1.7307	47.610/1.8744	1.803/.0710	17.60/.693	F810	5527A IH
		43.980/1.7315	47.628/1.8751				
<b>MAINS</b> <i>Bearings have no notches.</i>							
<b>5M7864A</b> STD, .25, .50, .75	1,2,3,4,5	48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7864A UL
		48.011/1.8902	51.943/2.0450				
<b>THRUST</b>							
<b>1T7809</b> STD		53.500/2.1063	73.750/2.9035		2.85/.112	F817	7809T IH
		53.750/2.1161	74.000/2.9134				
<b>THRUST</b>							
<b>1T7864</b> STD		53.500/2.1063	73.750/2.9035		2.85/.112	F817	7864T IH
		53.750/2.1161	74.000/2.9134				





27 Continued ...							27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4187</b>		25.995/1.0234	28.500/1.1220		22.50/.886	F100	RB4187
		26.000/1.0236	28.521/1.1229				

28 Engine		Year	Cyl	Bore x Stroke	28
G9T Series 2188cc Inline4 DOHC 4v Turbo Diesel		01/2000 - On	L4	87.0mm x 92.0mm	
G9U Series 2463cc Inline4 DOHC 4v Turbo Diesel		05/2000 - On	L4	89.0mm x 99.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B7848P</b> STD, .25		52.971/2.0855	56.587/2.2278	1.782/.0702	20.65/.813	F780	7848 U
		52.990/2.0862	56.606/2.2286				
		52.971/2.0855	56.587/2.2278	1.782/.0702	20.65/.813	F810	7848A L
		52.990/2.0862	56.606/2.2286				
<b>MAINS</b>							
<b>5M7850A</b> STD, .25	1,2,3,4,5	57.980/2.2827	61.668/2.4279	1.810/.0713	20.99/.826	F810	7850A UL
		58.000/2.2835	61.681/2.4284				
<b>THRUST</b>							
<b>1T7850</b> STD		63.250/2.4902	78.550/3.0925		2.35/.093	F817	7850T UL
		63.500/2.5000	78.800/3.1024				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4134</b> UNB		31.013/1.2210	33.500/1.3189		25.91/1.020	F100	4RB4134
		31.020/1.2213	33.525/1.3199				
<b>PISTON PIN BUSH</b>							
<b>RB4134</b> UNB		31.013/1.2210	33.500/1.3189	1.500/.0591	25.91/1.020	F100	RB4134
		31.020/1.2213	33.525/1.3199				

29 Engine		Year	Cyl	Bore x Stroke	29
N7Q Series 1948cc Inline4 DOHC 4v		03/1995 - 02/2001	L4	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B7880P</b> STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880 IH
		50.000/1.9685	53.013/2.0871				
<b>MAINS</b>							
<b>5M7884A</b> STD, .25	1,2,4,5	64.987/2.5585	69.000/2.7165	1.994/.0785	19.60/.772	F810	7884A UL
		65.000/2.5591	69.014/2.7171				
	3	64.987/2.5585	69.000/2.7165	1.998/.0787	25.88/1.019	F810	7885A(F) UL
		65.000/2.5591	69.014/2.7171				
<b>PISTON PIN BUSH</b>							
<b>RB4180</b>			26.000/1.0236		25.20/.992	F100	RB4180
			26.025/1.0246				

30 Engine		Year	Cyl	Bore x Stroke	30
N7U Series 2435cc Inline5 DOHC 4v		10/1996 - 12/2000	L5	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>5B7880P</b> STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880 IH
		50.000/1.9685	53.013/2.0871				
<b>MAINS</b>							
<b>6M7884A</b> STD, .25	1,2,3,5,6	64.987/2.5585	69.000/2.7165	1.994/.0785	19.60/.772	F810	7884A UL
		65.000/2.5591	69.014/2.7171				
	4	64.987/2.5585	69.000/2.7165	1.998/.0787	25.88/1.019	F810	7885A(F) UL
		65.000/2.5591	69.014/2.7171				
<b>PISTON PIN BUSH</b>							
<b>RB4180</b>			26.000/1.0236		25.20/.992	F100	RB4180
			26.025/1.0246				

31 Engine		Year		Cyl	Bore x Stroke		31
G8T Series 2188cc Inline4 SOHC 3v Diesel		11/1993 - 03/2001		L4	87.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7849A</b> STD, .25		47.975/1.8888	51.612/2.0320	1.800/.0709	20.65/.813	F810	7849A IH
		47.991/1.8894	51.625/2.0325				
<b>4B7849P</b> STD, .25		47.975/1.8888	51.612/2.0320	1.800/.0709	20.65/.813	F780	7849 IH
		47.991/1.8894	51.625/2.0325				
<b>5M7850A</b> STD, .25	MAINS 1,2,3,4,5	57.980/2.2827	61.668/2.4279	1.810/.0713	20.99/.826	F810	7850A UL
		58.000/2.2835	61.681/2.4284				
<b>1T5505</b> Std	THRUST	63.250/2.4902	78.550/3.0925		2.35/.093	F817	5505T IH
		63.500/2.5000	78.800/3.1024				
<b>1T7807</b> STD, .10	THRUST	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH
		60.500/2.3819	79.750/3.1398				
<b>4RB4182</b> UNB	PISTON PIN BUSH	<i>Set of 4.</i>			25.80/1.016	F100	4RB4182
			30.000/1.1811				
<b>RB4182</b> UNB	PISTON PIN BUSH		30.021/1.1819				
			30.000/1.1811		25.80/1.016	F100	RB4182
			30.021/1.1819				

32 Engine		Year		Cyl	Bore x Stroke		32
G8T Series 2188cc Inline4 SOHC 3v Turbo Diesel		03/1996 - 03/2001		L4	87.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7845P</b> STD, .25		47.975/1.8888	51.612/2.0320	1.803/.0710	20.65/.813	F780	7845 IH
		47.991/1.8894	51.625/2.0325				
<b>5M7850A</b> STD, .25	MAINS 1,2,3,4,5	57.980/2.2827	61.668/2.4279	1.810/.0713	20.99/.826	F810	7850A UL
		58.000/2.2835	61.681/2.4284				
<b>1T5505</b> Std	THRUST	63.250/2.4902	78.550/3.0925		2.35/.093	F817	5505T IH
		63.500/2.5000	78.800/3.1024				
<b>1T7807</b> STD, .10	THRUST	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH
		60.500/2.3819	79.750/3.1398				
<b>4RB4134</b> UNB	PISTON PIN BUSH	<i>Set of 4.</i>			25.91/1.020	F100	4RB4134
			31.013/1.2210				
<b>RB4134</b> UNB	PISTON PIN BUSH		33.500/1.3189	1.500/.0591	25.91/1.020	F100	RB4134
			31.020/1.2213				
			33.525/1.3199				

33 Engine		Year		Cyl	Bore x Stroke		33
M9R Series 1995cc Inline4 DOHC 4v Turbo Diesel		09/2004 - On		L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7886P</b> STD, .25, .50		51.985/2.0466	55.600/2.1890	1.768/.0696	18.30/.721	F810	7886A L
		52.000/2.0472	55.619/2.1897				
		51.985/2.0466	55.600/2.1890	1.768/.0696	19.30/.760	F780	7886 U
		52.000/2.0472	55.619/2.1897				
<b>5M7888P</b> STD, .25, .50	MAINS 1,2,3,4,5	55.985/2.2041	59.998/2.3621	1.988/.0783	17.20/.677	F780	7888 L
		56.000/2.2047	60.011/2.3626				





33 Continued ...							33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7888P</b> STD, .25, .50	1,2,3,4,5	55.985/2.2041 56.000/2.2047	59.998/2.3621 60.011/2.3626	1.988/.0783	19.50/.768	F810	7888A U
<b>1T7888</b> STD	<b>THRUST</b>	65.000/2.5591 65.025/2.5600	84.250/3.3169 84.500/3.3268		2.65/.104	F817	7888T
<b>1T7889</b> STD	<b>THRUST</b>	65.600/2.5827 65.850/2.5925	84.000/3.3071 84.250/3.3169		2.70/.106	F817	7889T
<b>RB4183</b>	<b>PISTON PIN BUSH</b>	31.994/1.2596 32.000/1.2598	34.985/1.3774 35.010/1.3783		23.70/.933	F100	RB4183

34 Engine	Year	Cyl	Bore x Stroke	34
670.800 845cc Inline4 OHV 2v	01/1956 - 12/1969	L4	58.0mm x 80.0mm	
680.701 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	54.5mm x 80.0mm	
680.702 747cc Inline4 OHV 2v	10/1962 - 09/1975	L4	54.5mm x 80.0mm	
800 Series 845cc Inline4 OHV 2v	01/1965 - 12/1993	L4	58.0mm x 80.0mm	
839 Series 782cc Inline4 OHV 2v	09/1971 - 10/1982	L4	55.8mm x 80.0mm	
B1B.707 845cc Inline4 OHV 2v	04/1983 - 10/1988	L4	58.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7640A</b> STD, .25, .50, .75	<b>CONROD</b>	37.959/1.4944 37.975/1.4951	41.128/1.6192 41.139/1.6196	1.570/.0618	21.18/.834	F810	7640A IH
<b>3M3161A</b> STD, .25, .50	<b>MAINS</b>						
	1	39.990/1.5744 39.975/1.5738		1.990/.0783	27.10/1.067	F810	3159A UL
	2	39.990/1.5744 39.975/1.5738	44.000/1.7323 44.013/1.7328	1.990/.0783	30.10/1.185	F810	3160A IH
	3	39.990/1.5744 39.975/1.5738	44.000/1.7323 44.013/1.7328	1.990/.0783	32.87/1.294	F810	3161A UL
<b>1T3161</b> STD	<b>THRUST</b>	44.400/1.7480 44.650/1.7579	55.650/2.1909 55.900/2.2008		1.98/.078	F817	3161T UL

35 Engine	Year	Cyl	Bore x Stroke	35
8140.07 Series 2499cc Inline4 SOHC 2v Diesel	09/1980 - On	L4	93.0mm x 92.0mm	
8140.27 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	93.0mm x 92.0mm	
8140.47 Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - On	L4	93.0mm x 92.0mm	
8140.61 Series 2445cc Inline4 SOHC 2v Diesel	03/1980 - 03/2001	L4	93.0mm x 90.0mm	
S8U Series 2445cc Inline4 SOHC 2v Diesel	08/1980 - 08/2001	L4	93.0mm x 90.0mm	
S8U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 09/1996	L4	92.0mm x 93.0mm	
S9U Series 2499cc Inline4 SOHC 2v Turbo Diesel	09/1980 - 07/1998	L4	93.0mm x 92.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7940P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has one hole.</i>		1.870/.0736	24.70/.972	F780	7940 IH
		56.520/2.2252 56.535/2.2258	60.333/2.3753 60.345/2.3758				
<b>4B7941P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearings have no hole.</i>		1.870/.0736	24.70/.972	F780	7941 IH
		56.520/2.2252 56.535/2.2258	60.333/2.3753 60.345/2.3758				
<b>5M7946P</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Has slot in upper half.</i>		2.172/.0855	24.99/.984	F780	7946 UL
	1,2,3,4	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735				
	5	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735	2.172/.0855	31.95/1.258	F780	7947(F) UL
<b>5M7948P</b> STD, .25	<b>MAINS</b>	<i>Has hole in upper half.</i>		2.172/.0855	24.99/.984	F780	7948 UL
	1,2,3,4	76.187/2.9995 76.200/3.0000	80.586/3.1727 80.607/3.1735				



35 Continued ...							35
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7948P</b> STD, .25	5	76.187/2.9995	80.586/3.1727	2.172/.0855	31.95/1.258	F780	7949(F) UL
		76.200/3.0000	80.607/3.1735				
<b>5M7956P</b> STD, .25, .50	MAINS 1,2,3,4	<i>Has hole in upper half.</i>		2.164/.0852	23.80/.937	F780	7956 UL
		80.182/3.1568	84.588/3.3302				
	5	80.208/3.1578	84.614/3.3313	2.164/.0852	30.95/1.219	F780	7957(F) UL
		86.182/3.3930	90.588/3.5664				
<b>4RB4188</b>	PISTON PIN BUSH <i>Set of 4.</i>	31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
		31.996/1.2597	34.920/1.3748				
<b>RB4188</b>	PISTON PIN BUSH	31.990/1.2594	34.895/1.3738		30.70/1.209	F100	RB4188
		31.996/1.2597	34.920/1.3748				

36 Engine				Year	Cyl	Bore x Stroke	36
8140.67 Series 2499cc Inline4 SOHC 2v Turbo Diesel				05/1989 - 03/2001	L4	93.0mm x 92.0mm	
8144.97 Series 2499cc Inline4 SOHC 2v Turbo Diesel				04/1992 - 09/1996	L4	93.0mm x 92.0mm	
S8U Series 2499cc Inline4 SOHC 2v Diesel				03/1989 - 12/2003	L4	93.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7941P</b> STD, .25, .50, .75	CONROD	<i>Bearings have no hole.</i>		1.870/.0736	24.70/.972	F780	7941 IH
		56.520/2.2252	60.333/2.3753				
<b>5M7946P</b> STD, .25, .50, .75	MAINS 1,2,3,4	<i>Has slot in upper half.</i>		2.172/.0855	24.99/.984	F780	7946 UL
		76.200/3.0000	80.607/3.1735				
	5	76.187/2.9995	80.586/3.1727	2.172/.0855	31.95/1.258	F780	7947(F) UL
		76.200/3.0000	80.607/3.1735				
<b>5M7948P</b> STD, .25	MAINS 1,2,3,4	<i>Has hole in upper half.</i>		2.172/.0855	24.99/.984	F780	7948 UL
		76.200/3.0000	80.607/3.1735				
	5	76.187/2.9995	80.586/3.1727	2.172/.0855	31.95/1.258	F780	7949(F) UL
		76.200/3.0000	80.607/3.1735				
<b>5M7956P</b> STD, .25, .50	MAINS 1,2,3,4	<i>Has hole in upper half.</i>		2.164/.0852	23.80/.937	F780	7956 UL
		80.182/3.1568	84.588/3.3302				
	5	80.208/3.1578	84.614/3.3313	2.164/.0852	30.95/1.219	F780	7957(F) UL
		86.182/3.3930	90.588/3.5664				
<b>4RB4188</b>	PISTON PIN BUSH <i>Set of 4.</i>	31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
		31.996/1.2597	34.920/1.3748				
<b>RB4188</b>	PISTON PIN BUSH	31.990/1.2594	34.895/1.3738		30.70/1.209	F100	RB4188
		31.996/1.2597	34.920/1.3748				

37 Engine				Year	Cyl	Bore x Stroke	37
8140.21.235 2445cc Inline4 SOHC 2v Turbo Diesel				01/1986 - 06/1994	L4	93.0mm x 90.0mm	
8144.67.2500 2499cc Inline4 SOHC 2v Diesel				09/1989 - 12/1994	L4	93.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7941P</b> STD, .25, .50, .75	CONROD	<i>Bearings have no hole.</i>		1.870/.0736	24.70/.972	F780	7941 IH
		56.520/2.2252	60.333/2.3753				
<b>5M7946P</b> STD, .25, .50, .75	MAINS 1,2,3,4	<i>Has slot in upper half.</i>		2.172/.0855	24.99/.984	F780	7946 UL
		76.200/3.0000	80.607/3.1735				
	5	76.187/2.9995	80.586/3.1727	2.172/.0855	31.95/1.258	F780	7947(F) UL
		76.200/3.0000	80.607/3.1735				





37 Continued ...							37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7948P</b> STD, .25	1,2,3,4	<b>MAINS</b> <i>Has hole in upper half.</i>					
		76.187/2.9995	80.586/3.1727	2.172/.0855	24.99/.984	F780	7948 UL
	5	76.200/3.0000	80.607/3.1735	2.172/.0855	31.95/1.258	F780	7949(F) UL
		76.187/2.9995	80.586/3.1727				
<b>4RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
<b>RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				
<b>RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	RB4188
<b>RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				

38 Engine				Year	Cyl	Bore x Stroke	38
8140.23 Series 2800cc Inline4 SOHC 2v Turbo Diesel				01/1996 - On	L4	94.4mm x 100.0mm	
8140.43 Series 2800cc Inline4 SOHC 2v Turbo Diesel				05/1996 - On	L4	94.4mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7941P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearings have no hole.</i>					
		56.520/2.2252	60.333/2.3753	1.870/.0736	24.70/.972	F780	7941 IH
<b>5M7956P</b> STD, .25, .50	1,2,3,4	<b>MAINS</b> <i>Has hole in upper half.</i>					
		80.182/3.1568	84.588/3.3302	2.164/.0852	23.80/.937	F780	7956 UL
	5	80.208/3.1578	84.614/3.3313	2.164/.0852	30.95/1.219	F780	7957(F) UL
		86.182/3.3930	90.588/3.5664				
<b>4RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	4RB4188
<b>4RB4189</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				
<b>4RB4189</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.990/1.2594	35.750/1.4075		30.40/1.197	F100	4RB4189
<b>RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.996/1.2597	35.595/1.4014				
<b>RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.990/1.2594	34.895/1.3738		30.70/1.209	F100	RB4188
<b>RB4188</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		31.996/1.2597	34.920/1.3748				
<b>RB4189</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered.</i>					
		31.990/1.2594	35.570/1.4004		30.40/1.197	F100	RB4189
<b>RB4189</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered.</i>					
		31.996/1.2597	35.595/1.4014				

39 Engine				Year	Cyl	Bore x Stroke	39
H4M (Nissan) 1598cc Inline4 DOHC 4v				04/2009 - On	L4	78.0mm x 83.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2634A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Both halves are plain.</i>					
			43.000/1.6929	1.510/.0594	15.00/.591	F810	2634A IH
<b>5M2635A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<b>MAINS</b>					
		51.997/2.0471	52.020/2.0480	2.005/.0789	16.00/.630	F810	2635A UL
<b>1T2635</b> STD	4	<b>THRUST</b>					
		73.750/2.9035	74.000/2.9134		1.96/.077	F817	2635T IH

40 Engine				Year	Cyl	Bore x Stroke	40
810 Series 1289cc Inline4 OHV 2v				01/1968 - 12/1989	L4	73.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7900A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Both halves are plain.</i>					
		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
<b>4B7900A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Both halves are plain.</i>					
		43.980/1.7315	47.625/1.8750				

40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7904A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,4	<i>Suits 46mm shafts.</i>					
		45.990/1.8106	49.874/1.9635	1.922/.0757	19.50/.768	F810	7904A UL
	3,5	46.000/1.8110	49.890/1.9642	1.922/.0757	24.50/.965	F810	7905A UL
		45.990/1.8106	49.874/1.9635				
	<b>MAINS</b> 1,2,3,4,5	<i>To suit engines with 54.80mm shaft.</i>					
		54.785/2.1569	58.731/2.3122	1.950/.0768	19.50/.768	F810	7909A UL
	<b>THRUST</b>	54.805/2.1577	58.750/2.3130				
<b>1T7815</b> STD, .10	<b>THRUST</b>	62.500/2.4606	79.750/3.1398		2.85/.112	F817	7815T IH
		62.750/2.4705	80.000/3.1496				
<b>1T7904</b> STD	<b>THRUST</b>	50.500/1.9882	67.670/2.6642		2.36/.093	F817	7904T UL
		50.750/1.9980	67.920/2.6740				
<b>1C7910</b> STD	<b>CAMS</b>			1.720/.0677	19.10/.752	F100	7910

41 Engine				Year	Cyl	Bore x Stroke	41
K4J Series 1390cc Inline 4 DOHC 4v				06/1998 - On	L4	79.5mm x 70.0mm	
K4M Series 1598cc Inline 4 DOHC 4v				03/1998 - On	L4	79.5mm x 80.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7900A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Both halves are plain.</i>					
		43.965/1.7309	47.615/1.8746	1.806/.0711	17.75/.699	F810	7900A IH
	<b>CONROD</b>	<i>Bearings have no notches.</i>					
		43.980/1.7315	47.625/1.8750				
<b>4B7906A</b> STD, .25, .50, .75	<b>CONROD</b>	43.960/1.7307	47.610/1.8744	1.808/.0712	17.75/.699	F810	7906A IH
		43.980/1.7315	47.628/1.8751				
<b>5M7864A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	<i>Bearings have no notches.</i>					
		48.000/1.8898	51.935/2.0447	1.950/.0768	19.50/.768	F810	7864A UL
	<b>THRUST</b>	48.011/1.8902	51.943/2.0450				
<b>1T7809</b> STD	<b>THRUST</b>	53.500/2.1063	73.750/2.9035		2.85/.112	F817	7809T IH
		53.750/2.1161	74.000/2.9134				





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
11 K2A 1119cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	1119	68	2
11 K2D 1119cc Inline4 SOHC 2v	03/1990 - 03/2000	L4	1119	68	2
14 K2A 1396cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	1396	85	2
14 K2F 1396cc Inline4 SOHC 2v	11/1995 - 03/2000	L4	1396	85	2
14 K4D 1396cc Inline4 DOHC 4v	03/1990 - 11/1999	L4	1396	85	2
14 K4F 1396cc Inline4 DOHC 4v	08/1991 - 05/2005	L4	1396	85	2
TUD5 1527cc Inline4 SOHC 2v Diesel	12/1994 - 12/1998	L4	1527	93	6
16 K4F 1588cc Inline4 DOHC 4v	05/1995 - 05/2005	L4	1588	96	2
XUD7TE 1769cc Inline4 SOHC 2v Turbo Diesel	09/1991 - 11/1998	L4	1769	107	7
18 K4F 1796cc Inline4 DOHC 4v	08/1999 - 05/2005	L4	1796	109	3
18 K4G 1796cc Inline4 DOHC 4v	05/2003 - 05/2005	L4	1796	109	3
18 K4K 1796cc Inline4 DOHC 4v	11/1995 - 05/2005	L4	1796	109	3
M47 R 1951cc Inline4 DOHC 4v Turbo Diesel	02/1999 - 05/2005	L4	1951	119	4
20 T2N 1994cc SOHC 2v Turbo Diesel	05/1995 - 05/2005	L4	1994	121	1
20 T2R 1994cc SOHC 2v Turbo Diesel	11/1995 - 03/2000	L4	1994	121	1
2286cc Inline4 OHV 2v	01/1959 - 12/1986	L4	2250	137	12
HR 492 2393cc Inline4 OHV 2v Turbo Diesel	05/1982 - 10/1986	L4	2393	146	5
12L 2496cc Inline4 OHV 2v Turbo Diesel	09/1989 - 09/1994	L4	2496	152	10
14L 2496cc Inline4 OHV 2v Turbo Diesel	10/1992 - 04/1996	L4	2496	152	10
19L 2496cc Inline4 OHV 2v Turbo Diesel	10/1993 - 12/1998	L4	2496	152	10
21L 2496cc Inline4 OHV 2v Turbo Diesel	09/1989 - 09/1994	L4	2496	152	10
23L 2496cc Inline4 OHV 2v Turbo Diesel	09/1994 - 12/1998	L4	2496	152	10
2625cc Inline6 OHV 2v	01/1959 - 12/1980	L6	2625	160	13
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel	08/1998 - 02/2005	L6	2926	178	11
2995cc Inline6 OHV 2v	01/1959 - 12/1982	L6	2995	182	13
22D 3528cc V8 OHV 2v	09/1989 - 12/1999	V8	3528	215	8
30A,31A 3528cc V8 OHV 2v	10/1982 - 10/1986	V8	3528	215	8
31D 3528cc V8 OHV 2v	01/1987 - 09/1990	V8	3528	215	8
38A,39A 3528cc V8 OHV 2v	06/1976 - 10/1986	V8	3528	215	8
35D,36D 3947cc V8 OHV 2v	10/1993 - 12/1998	V8	3947	240	8
37D,38D 3947cc V8 OHV 2v	01/1989 - 08/1994	V8	3947	240	8
42D 3947cc V8 OHV 2v	09/1994 - 09/2002	V8	3947	240	9
40D 4275cc V8 OHV 2v	10/1992 - 04/1996	V8	4275	260	9
46D 4553cc V8 OHV 2v	09/1994 - 09/2002	V8	4553	277	9

# Rover



1	Engine	Year	Cyl	Bore x Stroke	1
	20 T2N 1994cc SOHC 2v Turbo Diesel	05/1995 - 05/2005	L4	84.5mm x 88.9mm	
	20 T2R 1994cc SOHC 2v Turbo Diesel	11/1995 - 03/2000	L4	84.5mm x 88.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing does not have notch. 20.8mm wide.</i>							
<b>4B9950P</b> STD, .25, .50, .75, 1.00		53.990/2.1256	57.683/2.2710	1.825/.0719	20.80/.819	F780	9950 IH
		54.010/2.1264	57.696/2.2715				
<b>5M9953A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	56.990/2.2437	60.703/2.3899	1.835/.0722	22.60/.890	F810	9953A UL
		57.010/2.2445	60.719/2.3905				
<b>2T9952</b> STD	<b>THRUST</b>	66.970/2.6366	84.250/3.3169		2.80/.110	F817	9952T IH
		67.220/2.6465	84.500/3.3268				

2	Engine	Year	Cyl	Bore x Stroke	2
	11 K2A 1119cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	75.0mm x 63.0mm	
	11 K2D 1119cc Inline4 SOHC 2v	03/1990 - 03/2000	L4	75.0mm x 63.0mm	
	14 K2A 1396cc Inline4 SOHC 2v	03/1990 - 12/1998	L4	75.0mm x 79.0mm	
	14 K2F 1396cc Inline4 SOHC 2v	11/1995 - 03/2000	L4	75.0mm x 79.0mm	
	14 K4D 1396cc Inline4 DOHC 4v	03/1990 - 11/1999	L4	75.0mm x 79.0mm	
	14 K4F 1396cc Inline4 DOHC 4v	08/1991 - 05/2005	L4	75.0mm x 79.0mm	
	16 K4F 1588cc Inline4 DOHC 4v	05/1995 - 05/2005	L4	80.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B9920A</b> STD, .25		43.000/1.6929	46.666/1.8372	1.824/.0718	21.61/.851	F810	9920A IH
		43.007/1.6932	46.687/1.8381				
<b>5M9922A</b> STD, .25	<b>MAINS</b> 1,3,5	47.993/1.8895	51.579/2.0307	1.789/.0704	17.45/.687	F810	9922A UL
		48.000/1.8898	51.600/2.0315				
		2,4	47.993/1.8895				
	<b>THRUST</b>	56.800/2.2362	73.300/2.8858		2.40/.095	F817	9922T IH
		57.050/2.2461	73.550/2.8957				

3	Engine	Year	Cyl	Bore x Stroke	3
	18 K4F 1796cc Inline4 DOHC 4v	08/1999 - 05/2005	L4	80.0mm x 89.3mm	
	18 K4G 1796cc Inline4 DOHC 4v	05/2003 - 05/2005	L4	80.0mm x 89.3mm	
	18 K4K 1796cc Inline4 DOHC 4v	11/1995 - 05/2005	L4	80.0mm x 89.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B9921A</b> STD, .25		47.986/1.8892	51.659/2.0338	1.824/.0718	18.30/.721	F810	9921A IH
		48.006/1.8900	51.684/2.0348				
<b>5M9922A</b> STD, .25	<b>MAINS</b> 1,3,5	47.993/1.8895	51.579/2.0307	1.789/.0704	17.45/.687	F810	9922A UL
		48.000/1.8898	51.600/2.0315				
		2,4	47.993/1.8895				
	<b>THRUST</b>	56.800/2.2362	73.300/2.8858		2.40/.095	F817	9922T IH
		57.050/2.2461	73.550/2.8957				





4 Engine		Year		Cyl	Bore x Stroke		4
M47 R 1951cc Inline4 DOHC 4v Turbo Diesel		02/1999 - 05/2005		L4	84.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Upper half only is Race plate</i>							
<b>4B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
<b>CONROD</b>							
<b>4B1579P</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				IH
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532A</b> STD, .25	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				IH
<b>MAINS</b> <i>Lower has 2 notches. Set has a pair of flanged thrust bearings.</i>							
<b>5M1532P</b> STD, .25, .50	1,2,4,5	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				IH
	3	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				IH
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	4RB4148
		30.000/1.1811	32.025/1.2608				
<b>PISTON PIN BUSH</b>							
<b>RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				

5 Engine		Year		Cyl	Bore x Stroke		5
HR 492 2393cc Inline4 OHV 2v Turbo Diesel		05/1982 - 10/1986		L4	92.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1090P</b> STD, .25, .50, .75		53.940/2.1236	57.563/2.2663	1.798/.0708	23.25/.915	F780	1090
		53.955/2.1242	57.582/2.2670				IH
<b>THRUST</b>							
<b>1T1093</b> STD		74.250/2.9232	88.000/3.4646		2.36/.093	F817	1093T
		74.500/2.9331	88.100/3.4685				IH
<b>PISTON PIN BUSH</b>							
<b>RB4154</b> UNB		29.990/1.1807	34.000/1.3386		30.12/1.186	F100	RB4154
		29.996/1.1809	34.025/1.3396				

6 Engine		Year		Cyl	Bore x Stroke		6
TUD5 1527cc Inline4 SOHC 2v Diesel		12/1994 - 12/1998		L4	77.0mm x 82.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2796A</b> STD, .30, .50, .80		44.975/1.7707	48.655/1.9155	1.820/.0717	17.65/.695	F810	2796A
		44.991/1.7713	48.671/1.9162				IH
<b>MAINS</b>							
<b>5M2797A</b> STD, .30, .50, .80	1,5	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2797A
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.965/1.9671	53.712/2.1146	1.854/.0730	17.29/.681	F810	2798A
		49.981/1.9678	53.731/2.1154				IH
<b>RACE SERIES</b>							
<b>5M2797H</b> Std, .30, .50	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797H
		49.981/1.9678	53.731/2.1154				IH
	2,3,4	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2798H
		49.981/1.9678	53.731/2.1154				IH

6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>5M2797HX</b> STD	1,5	49.962/1.9670	53.712/2.1146	1.841/.0725	17.30/.681	F780	2797HX IH
	2,3,4	49.981/1.9678	53.731/2.1154	1.841/.0725	17.30/.681	F780	2798HX IH
		49.962/1.9670	53.712/2.1146				
		49.981/1.9678	53.731/2.1154				
<b>5M2797P</b> STD, .30, .50, .80	1,5	49.962/1.9670	53.712/2.1146	1.854/.0730	17.30/.681	F780	2797 IH
	2,3,4	49.981/1.9678	53.731/2.1154	1.854/.0730	17.30/.681	F780	2798 IH
		49.962/1.9670	53.712/2.1146				
		49.981/1.9678	53.731/2.1154				
<b>1T7707</b> STD, .15	THRUST	55.250/2.1752	73.250/2.8839		2.35/.093	F817	7707T IH
		55.500/2.1850	73.450/2.8917				7709T IH
<b>1T7709</b> STD, .10	THRUST	55.250/2.1752	73.250/2.8839		2.45/.097	F817	7709T IH
		55.500/2.1850	73.450/2.8917				
<b>RB4199</b> UNB	PISTON PIN BUSH	23.000/.9055	25.200/.9921		19.90/.784	F100	RB4199
		23.012/.9060	25.221/.9930				

7 Engine				Year	Cyl	Bore x Stroke	7
XUD7TE 1769cc Inline4 SOHC 2v Turbo Diesel				09/1991 - 11/1998	L4	80.0mm x 88.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Uses identical halves.</i>							
<b>4B1670P</b> STD, .30, .50, .80		49.984/1.9679	53.695/2.1140	1.830/.0720	20.00/.787	F780	1670 IH
		50.000/1.9685	53.708/2.1145				
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A UL
		60.000/2.3622	63.750/2.5098				
<b>2T7715</b> STD	THRUST	67.050/2.6398	83.050/3.2697		1.88/.074	F817	7715T UL
		67.300/2.6496	83.300/3.2795				
<b>RB4201</b> UNB	PISTON PIN BUSH	28.007/1.1026	30.200/1.1890		23.10/.909		RB4201
		28.020/1.1031	30.221/1.1898				

8 Engine				Year	Cyl	Bore x Stroke	8
22D 3528cc V8 OHV 2v				09/1989 - 12/1999	V8	88.9mm x 71.1mm	
30A,31A 3528cc V8 OHV 2v				10/1982 - 10/1986	V8	88.9mm x 71.1mm	
31D 3528cc V8 OHV 2v				01/1987 - 09/1990	V8	88.9mm x 71.1mm	
35D,36D 3947cc V8 OHV 2v				10/1993 - 12/1998	V8	94.0mm x 71.1mm	
37D,38D 3947cc V8 OHV 2v				01/1989 - 08/1994	V8	94.0mm x 71.0mm	
38A,39A 3528cc V8 OHV 2v				06/1976 - 10/1986	V8	88.9mm x 71.1mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B610A</b> STD, 010, 020, 030, 040		50.800/2.0000	53.967/2.1247	1.570/.0618	18.84/.742	F810	2226A IH
		50.813/2.0005	53.980/2.1252				
<b>5M2217A</b> STD, 010	1,2,4,5	58.400/2.2992	63.274/2.4911	2.426/.0955	20.50/.807	F820	2217AL UL
		58.412/2.2997	63.287/2.4916				
	3	58.400/2.2992	63.274/2.4911				2218AL(F) UL
		58.412/2.2997	63.287/2.4916				
<b>5C4326</b> STD	1	45.339/1.7850	48.654/1.9155	1.633/.0643	19.30/.760	F23	4326
		45.364/1.7860	48.704/1.9175				
	2	44.577/1.7550	47.892/1.8855				4327
		44.602/1.7560	47.942/1.8875				





8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
5C4326 STD	3	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.180/1.8575	1.633/.0643	19.30/.760	F23	4328
	4	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.418/1.8275	1.633/.0643	19.30/.760	F23	4329
	5	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.656/1.7975	1.633/.0643	19.30/.760	F23	4320

9 Engine				Year	Cyl	Bore x Stroke	9
40D 4275cc V8 OHV 2v				10/1992 - 04/1996	V8	94.0mm x 77.0mm	
42D 3947cc V8 OHV 2v				09/1994 - 09/2002	V8	94.0mm x 71.0mm	
46D 4553cc V8 OHV 2v				09/1994 - 09/2002	V8	94.0mm x 82.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
8B9965P STD, .25, .50	CONROD	58.793/2.3147 55.513/2.1855		1.580/.0622	17.60/.693	F780	9965 IH
	MAINS						
5M9966A STD, .25	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	20.53/.808	F810	9966A UL
	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	26.80/1.055	F810	9967A(F) U

10 Engine				Year	Cyl	Bore x Stroke	10
12L 2496cc Inline4 OHV 2v Turbo Diesel				09/1989 - 09/1994	L4	90.5mm x 97.0mm	
14L 2496cc Inline4 OHV 2v Turbo Diesel				10/1992 - 04/1996	L4	90.5mm x 97.0mm	
19L 2496cc Inline4 OHV 2v Turbo Diesel				10/1993 - 12/1998	L4	90.5mm x 97.0mm	
21L 2496cc Inline4 OHV 2v Turbo Diesel				09/1989 - 09/1994	L4	90.5mm x 97.0mm	
23L 2496cc Inline4 OHV 2v Turbo Diesel				09/1994 - 12/1998	L4	90.5mm x 97.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
4B2690A STD, 010, 020, 030, 040	CONROD	58.725/2.3120 58.744/2.3128	62.433/2.4580 62.446/2.4585	1.835/.0722	25.06/.987	F810	2690A IH	
	CONROD	58.725/2.3120 58.744/2.3128	62.433/2.4580 62.446/2.4585	1.835/.0722	25.06/.987	F780	2690 IH	
5M2698A STD, 010, 020, 030, 040	MAINS	<i>Half groove version, two 7mm oil holes in upper half.</i>			2.080/.0819	24.40/.961	F810	2699A UL
	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	35.00/1.378	F810	2714A UL	
	MAINS	<i>Half groove version, two 7mm oil holes in upper half.</i>			2.080/.0819	24.40/.961	F780	2699 UL
	MAINS	63.487/2.4995 63.500/2.5000	67.704/2.6655 67.716/2.6660	2.080/.0819	35.00/1.378	F780	2714 UL	
1T1542 STD	THRUST	70.740/2.7850 70.990/2.7949	85.600/3.3701 85.850/3.3799		2.36/.093	F250	1542T IH	
	CAMS							
4C3172 STD	1	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	24.59/.968	F23	3172	
	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173	
RB883	PISTON PIN BUSH	25.387/.9995 25.400/1.0000	28.575/1.1250 28.600/1.1260	1.730/.0681	33.27/1.310	F100	RB883	

11 Engine		Year		Cyl	Bore x Stroke	11	
M57D30 2926cc Inline6 DOHC 4v Turbo Diesel		08/1998 - 02/2005		L6	84.0mm x 88.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Upper half only is Race plate.</i>					
<b>6B1579D</b> STD, .25		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F780	1579
		44.991/1.7713	48.016/1.8904				L
		44.975/1.7707	48.000/1.8898	1.497/.0589	18.00/.709	F781	1579D
		44.991/1.7713	48.016/1.8904				U
<b>MAINS</b>		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F810	1538A
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F810	1539A(F)
		59.990/2.3618	65.019/2.5598				UL
<b>RACE SERIES</b>		<i>Half grooved set. Lower half has 2 notches.</i>					
<b>7M1532H</b> STD, .025, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.488/.0980	20.00/.787	F780	1538H
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.488/.0980	24.94/.982	F780	1539H(F)
		59.990/2.3618	65.019/2.5598				UL
<b>RACE SERIES</b>		<i>Half grooved set. Lower half has 2 notches. 0.001" extra oil clearance on STD journal.</i>					
<b>7M1532HX</b> STD	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.475/.0974	20.00/.787	F780	1538HX
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.475/.0974	24.94/.982	F780	1539HX(F)
		59.990/2.3618	65.019/2.5598				UL
<b>MAINS</b>		<i>Half grooved set. Lower half has 2 notches. Overwidth flanges for undersizes: Std=Std, 0.25=Std+.20mm, 0.50=Std+.40mm.</i>					
<b>7M1532P</b> STD, .25, .50	1,2,3,4,5,7	59.971/2.3611	65.000/2.5591	2.490/.0980	20.00/.787	F780	1538
		59.990/2.3618	65.019/2.5598				UL
	6	59.971/2.3611	65.000/2.5591	2.490/.0980	24.94/.982	F780	1539(F)
		59.990/2.3618	65.019/2.5598				UL
<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	6RB4148
		30.000/1.1811	32.025/1.2608				
<b>PISTON PIN BUSH</b>							
<b>RB4148</b> UNB		29.995/1.1809	31.995/1.2596		22.20/.874	F100	RB4148
		30.000/1.1811	32.025/1.2608				

12 Engine		Year		Cyl	Bore x Stroke	12	
2286cc Inline4 OHV 2v		01/1959 - 12/1986		L4	90.5mm x 88.9mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2691P</b> STD, 010, 020, 030, 040, 050,		58.725/2.3120	62.433/2.4580	1.835/.0722	25.06/.987	F780	2691
		58.744/2.3128	62.446/2.4585				IH
<b>MAINS</b>		<i>Use with 3 main bearing crankshaft.</i>					
<b>3M2692P</b> STD, 010, 020, 030, 040, 050,	1,2	63.487/2.4995	67.704/2.6655	2.098/.0826	25.57/1.007	F780	2692
		63.500/2.5000	67.716/2.6660				IH
	3	63.487/2.4995	67.704/2.6655	2.098/.0826	39.88/1.570	F780	2693
		63.500/2.5000	67.716/2.6660				UL
<b>MAINS</b>		<i>Use with 5 main bearing crankshaft. Full groove version, two 4mm oil holes in each half.</i>					
<b>5M2694P</b> STD, 010, 020, 030, 040, 060	1,2,3,4	63.487/2.4995	67.704/2.6655	2.098/.0826	24.56/.967	F780	2694
		63.500/2.5000	67.716/2.6660				IH
	5	63.487/2.4995	67.704/2.6655	2.098/.0826	35.13/1.383	F780	2695
		63.500/2.5000	67.716/2.6660				IH
<b>THRUST</b>							
<b>1T1542</b> STD		70.740/2.7850	85.600/3.3701		2.36/.093	F250	1542T
		70.990/2.7949	85.850/3.3799				IH
<b>CAMS</b>							
<b>4C3172</b> STD	1	46.761/1.8410	49.987/1.9680	1.593/.0627	24.59/.968	F23	3172
		46.787/1.8420	50.013/1.9690				



12 Continued ...								12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4C3172</b> STD	2,3,4	46.761/1.8410 46.787/1.8420	49.987/1.9680 50.013/1.9690	1.593/.0627	19.05/.750	F23	3173	
<b>PISTON PIN BUSH</b>								
<b>RB883</b>		25.387/.9995 25.400/1.0000	28.575/1.1250 28.600/1.1260	1.730/.0681	33.27/1.310	F100	RB883	

13 Engine		Year	Cyl	Bore x Stroke	13		
2625cc Inline6 OHV 2v		01/1959 - 12/1980	L6	77.8mm x 92.1mm			
2995cc Inline6 OHV 2v		01/1959 - 12/1982	L6	77.8mm x 105.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2881P</b> STD, 010, 020, 030		47.625/1.8750	51.333/2.0210	1.845/.0726	19.18/.755	F780	2881
		47.643/1.8757	51.346/2.0215				IH
<b>MAINS</b>							
<i>From Vehicle Suffix B.</i>							
<b>7M2882P</b> STD, 010, 020	1,2,3,4,5,6,7	66.650/2.6240	70.358/2.7700	1.844/.0726	28.70/1.130	F780	2882
		66.675/2.6250	70.371/2.7705				IH
<b>THRUST</b>							
<i>From vehicle suffix B (2.6L) and from vehicle suffix C (3.0L).</i>							
<b>1T2882</b> STD		72.140/2.8402	88.770/3.4949		2.36/.093	F1	2882T
		72.390/2.8500	89.020/3.5047				IH
<b>PISTON PIN BUSH</b>							
<b>RB850</b> UNB		22.225/.8750	25.400/1.0000	1.730/.0681	27.10/1.067	F100	RB850
		22.225/.8750	25.425/1.0010				



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
B20 Series 1985cc Inline4 SOHC 2v	10/1972 - 12/1988	L4	1985	121	3
B201 Series 1985cc Inline4 SOHC 2v	04/1972 - 08/1990	L4	1985	121	3
B201S 1985cc Inline4 SOHC 2v Turbo	09/1985 - 08/1990	L4	1985	121	3
B201XL 1985cc Inline4 SOHC 2v Turbo	01/1986 - 12/1988	L4	1985	121	3
B202 Series 1985cc Inline4 DOHC 4v	02/1984 - 12/1998	L4	1985	121	4
B202 Series 1985cc Inline4 DOHC 4v Turbo	08/1984 - 12/1998	L4	1985	121	4
B204 Series 1985cc Inline4 DOHC 4v Turbo	09/1989 - 08/2003	L4	1985	121	4
B204I 1985cc Inline4 DOHC 4v	09/1993 - 09/2002	L4	1985	121	4
B205 Series 1985cc Inline4 DOHC 4v Turbo	09/1994 - 08/2003	L4	1985	121	4
B206 Series 1985cc Inline4 DOHC 4v	07/1993 - 08/1998	L4	1985	121	4
B212I 1985cc Inline4 DOHC 4v	09/1990 - 08/1993	L4	1985	121	4
B207 1998cc Inline4 DOHC 4v Turbo	01/2003 - On	L4	1998	121	2
B234 Series 2290cc Inline4 DOHC 4v	09/1989 - 08/2003	L4	2290	139	4
B234R 2290cc Inline4 DOHC 4v Turbo	09/1990 - 12/1998	L4	2290	139	4
B235E 2290cc Inline4 DOHC 4v Turbo	06/1997 - On	L4	2290	139	5
B235R 2290cc Inline4 DOHC 4v Turbo	05/1999 - On	L4	2290	139	4
LP9 (HFV6) 2792cc V6 DOHC 4v Turbo	01/2005 - On	V6	2792	170	1





1 Engine				Year	Cyl	Bore x Stroke	1
LP9 (HFV6) 2792cc V6 DOHC 4v Turbo				01/2005 - On	V6	89.0mm x 74.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B2270A</b> STD, .25, .50, .75, 1.00		55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.801/.0709	18.55/.730	F810	2270A IH
<b>RACE SERIES</b> <b>6B2270H</b> Std, .025, .25	<b>CONROD</b>	55.992/2.2044 56.008/2.2050	59.620/2.3472 59.636/2.3479	1.798/.0708	18.55/.730	F781	2270H IH
<b>RACE SERIES</b> <b>6B2270HX</b> Std	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.785/.0703	18.55/.730	F781	2270HX IH
<b>MAINS</b>							
<b>4M2273A</b> STD, .25, .50, .75, 1.00	1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	19.75/.778	F810	2273A L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.427/.0956	24.29/.956	F810	2274A(F) U
<b>RACE SERIES</b> <b>4M2273H</b> Std, .025, .25	<b>MAINS</b> 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	19.75/.778	F780	2273H L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.422/.0954	24.29/.956	F780	2274H(F) U
<b>RACE SERIES</b> <b>4M2273HX</b> Std	<b>MAINS</b> 1,2,4	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F780	2273HX UL
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	19.75/.778	F770	2273HX L
	3	67.992/2.6768 68.008/2.6775	72.866/2.8687 72.882/2.8694	2.409/.0948	24.29/.956	F780	2274HX(F) U
2 Engine				Year	Cyl	Bore x Stroke	2
B207 1998cc Inline4 DOHC 4v Turbo				01/2003 - On	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2296A</b> STD, .25, .50, .75		49.000/1.9291 49.014/1.9297	52.118/2.0519 52.134/2.0525	1.542/.0607	20.30/.799	F810	2296A IH
<b>MAINS</b>							
<b>5M2232A</b> STD, 10, 20	1,3,4,5	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.036/.1589	19.79/.779	F810	7320A UL
	2	55.991/2.2044 56.007/2.2050	64.066/2.5223 64.081/2.5229	4.041/.1591	25.88/1.019	F810	7321A(F) UL
3 Engine				Year	Cyl	Bore x Stroke	3
B20 Series 1985cc Inline4 SOHC 2v				10/1972 - 12/1988	L4	90.0mm x 78.0mm	
B201 Series 1985cc Inline4 SOHC 2v				04/1972 - 08/1990	L4	90.0mm x 78.0mm	
B201S 1985cc Inline4 SOHC 2v Turbo				09/1985 - 08/1990	L4	90.0mm x 78.0mm	
B201XL 1985cc Inline4 SOHC 2v Turbo				01/1986 - 12/1988	L4	90.0mm x 78.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>							
<b>4B2010H</b> STD, .25	<b>CONROD</b>	51.981/2.0465 52.000/2.0472	56.000/2.2047 56.019/2.2055	1.988/.0783	20.25/.797	F781	2010H IH
<b>4B2010P</b> STD, .25	<b>CONROD</b>	51.981/2.0465 52.000/2.0472	56.000/2.2047 56.019/2.2055	1.988/.0783	20.25/.797	F780	2010 IH



**3 Continued ... 3**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2018P</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	57.981/2.2827	62.000/2.4409	1.988/.0783	21.50/.847	F780	2018 IH
		58.000/2.2835	62.019/2.4417				
<b>1T2018</b> STD	<b>THRUST</b>				2.36/.093	F817	2018T IH
<b>RB4209</b>	<b>PISTON PIN BUSH</b>	23.996/.9447	27.000/1.0630		25.50/1.004	F100	RB4209
		24.000/.9449	27.021/1.0638				

**4 Engine Year Cyl Bore x Stroke 4**

B202 Series 1985cc Inline4 DOHC 4v	02/1984 - 12/1998	L4	90.0mm x 78.0mm
B202 Series 1985cc Inline4 DOHC 4v Turbo	08/1984 - 12/1998	L4	90.0mm x 78.0mm
B204 Series 1985cc Inline4 DOHC 4v Turbo	09/1989 - 08/2003	L4	90.0mm x 78.0mm
B204I 1985cc Inline4 DOHC 4v	09/1993 - 09/2002	L4	90.0mm x 78.0mm
B205 Series 1985cc Inline4 DOHC 4v Turbo	09/1994 - 08/2003	L4	90.0mm x 78.0mm
B206 Series 1985cc Inline4 DOHC 4v	07/1993 - 08/1998	L4	90.0mm x 78.0mm
B212I 1985cc Inline4 DOHC 4v	09/1990 - 08/1993	L4	93.0mm x 78.0mm
B234 Series 2290cc Inline4 DOHC 4v	09/1989 - 08/2003	L4	90.0mm x 90.0mm
B234R 2290cc Inline4 DOHC 4v Turbo	09/1990 - 12/1998	L4	90.0mm x 90.0mm
B235R 2290cc Inline4 DOHC 4v Turbo	05/1999 - On	L4	90.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES</b> <b>4B2010H</b> STD, .25	<b>CONROD</b>	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F781	2010H IH
		52.000/2.0472	56.019/2.2055				
<b>4B2010P</b> STD, .25	<b>CONROD</b>	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F780	2010 IH
		52.000/2.0472	56.019/2.2055				
<b>RACE SERIES</b> <b>5M2015H</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015H IH
		57.981/2.2827	62.000/2.4409				
<b>5M2015P</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015 IH
		57.981/2.2827	62.000/2.4409				
<b>1T2015</b> STD	<b>THRUST</b>				1.86/.073	F817	2015T IH
<b>RB4209</b>	<b>PISTON PIN BUSH</b>	23.996/.9447	27.000/1.0630		25.50/1.004	F100	RB4209
		24.000/.9449	27.021/1.0638				

**5 Engine Year Cyl Bore x Stroke 5**

B235E 2290cc Inline4 DOHC 4v Turbo	06/1997 - On	L4	90.0mm x 90.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES</b> <b>4B2010H</b> STD, .25	<b>CONROD</b>	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F781	2010H IH
		52.000/2.0472	56.019/2.2055				
<b>4B2010P</b> STD, .25	<b>CONROD</b>	51.981/2.0465	56.000/2.2047	1.988/.0783	20.25/.797	F780	2010 IH
		52.000/2.0472	56.019/2.2055				
<b>RACE SERIES</b> <b>5M2015H</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015H IH
		57.981/2.2827	62.000/2.4409				
<b>5M2015P</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	<i>Has 3 oil holes in each half.</i>		1.990/.0783	21.50/.847	F780	2015 IH
		57.981/2.2827	62.000/2.4409				



5 Continued ...								5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>1T2015</b> STD	<b>THRUST</b>				1.86/.073	F817	2015T IH	

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
742.10 1046cc Inline4 OHV 2v	08/1976 - 12/1989	L4	1046	63	2
781 Series 1137cc Inline4 OHV 2v	08/1987 - 12/1994	L4	1137	69	1
742.12/12X 1174cc Inline4 OHV 2v	08/1976 - 12/1989	L4	1174	71	2
781 Series 1289cc Inline4 OHV 2v	10/1990 - 03/1998	L4	1289	78	1





1	Engine	Year	Cyl	Bore x Stroke	1
	781 Series 1137cc Inline4 OHV 2v	08/1987 - 12/1994	L4	75.5mm x 63.5mm	
	781 Series 1289cc Inline4 OHV 2v	10/1990 - 03/1998	L4	75.5mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5570A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.975/1.7707	48.000/1.8898	1.495/.0589	22.00/.866	F810	5570A IH
		44.991/1.7713	48.011/1.8902				
<b>3M5573A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	54.971/2.1642	58.000/2.2835	1.497/.0589	26.00/1.024	F810	5573A UL
		54.990/2.1650	58.016/2.2841				
<b>1T5572</b> STD	<b>THRUST</b>	65.000/2.5591	74.750/2.9429		1.75/.069	F817	5572T
		65.250/2.5689	75.000/2.9528				

2	Engine	Year	Cyl	Bore x Stroke	2
	742.10 1046cc Inline4 OHV 2v	08/1976 - 12/1989	L4	68.0mm x 72.0mm	
	742.12/12X 1174cc Inline4 OHV 2v	08/1976 - 12/1989	L4	72.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5570A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	44.975/1.7707	48.000/1.8898	1.495/.0589	22.00/.866	F810	5570A IH
		44.991/1.7713	48.011/1.8902				
<b>3M5573A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	54.971/2.1642	58.000/2.2835	1.497/.0589	26.00/1.024	F810	5573A UL
		54.990/2.1650	58.016/2.2841				
<b>1T5573</b> STD	<b>THRUST</b>	60.000/2.3622	71.750/2.8248		1.50/.059	F817	5573T
		60.250/2.3720	72.000/2.8346				

# Smart



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
M160 599cc Inline3 SOHC 2v Turbo	01/1998 - 01/2007	L3	599	36	1



1	Engine	Year	Cyl	Bore x Stroke	1		
	M160 599cc Inline3 SOHC 2v Turbo	01/1998 - 01/2007	L3	63.5mm x 63.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>3B2600P</b> STD, .25, .50, .75		37.940/1.4937 37.965/1.4947	41.600/1.6378 41.616/1.6384	1.813/.0714	17.00/.669	F780	2600 IH
	<b>MAINS</b>						
<b>4M2605A</b> STD, .25	1,2,3,4	44.950/1.7697 44.965/1.7703	51.000/2.0079 51.019/2.0086	3.030/.1193	16.00/.630	F809	2605A UL
	<b>THRUST</b>						
<b>1T2605</b> STD		52.500/2.0669 52.750/2.0768	52.750/2.0768 68.500/2.6968		3.20/.126	F817	2605T IH

# Ssangyong



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
MB602 2874cc Inline5 SOHC 2v Diesel	01/1996 - 04/2002	L5	2874	175	1





1	Engine	Year	Cyl	Bore x Stroke	1		
	MB602 2874cc Inline5 SOHC 2v Diesel	01/1996 - 04/2002	L5	89.0mm x 92.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>5B2526P</b> STD, .25, .50, .75, 1.00		47.950/1.8878 47.965/1.8884	51.600/2.0315 51.619/2.0322	1.814/.0714	21.80/.858	F780	2526 IH
	<b>MAINS</b>						
<b>6M2873A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.950/2.2815 57.965/2.2821	62.500/2.4606 62.519/2.4614	2.261/.0890	17.50/.689	F810	2873A UL

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
EK21 358cc Inline2 SOHC 2v	02/1973 - 05/1976	L2	358	21	7
EK22 490cc Inline2 SOHC 2v	04/1976 - 07/1977	L2	490	29	7
E23 544cc Inline2 SOHC 2v	09/1982 - 02/1990	L2	544	33	7
EK23 544cc Inline2 SOHC 2v	04/1977 - 03/1990	L2	544	33	7
EK23-T 544cc Inline2 SOHC 2v Turbo	10/1983 - 10/1986	L2	544	33	7
EN07 658cc Inline4 SOHC 2v	07/1990 - 04/2000	L4	658	40	9
E42 665cc Inline2 SOHC 2v	03/1988 - 06/1989	L2	665	40	7
EK42 665cc Inline2 SOHC 2v	09/1982 - 06/1989	L2	665	40	7
EF10 997cc Inline3 SOHC 2v	10/1983 - 12/1987	L3	997	60	3
EA61 1088cc Flat4 OHV 2v	01/1969 - 10/1978	H4	1088	66	16
EA64 1176cc Flat4 OHV 2v	01/1973 - 09/1979	H4	1176	71	11
EF12 1189cc Inline3 SOHC 3v	01/1985 - 12/1992	L3	1189	72	13
EA62 1267cc Flat4 OHV 2v	01/1970 - 10/1972	H4	1267	77	10
EA65 1298cc Flat4 OHV 2v	10/1979 - 10/1989	H4	1298	79	1
EA63S 1361cc Flat4 OHV 2v	01/1970 - 05/1984	H4	1361	83	11
EJ15 1493cc Flat4 SOHC 2v	01/1993 - 12/2006	H4	1493	91	4
EA71 1595cc Flat4 OHV 2v	01/1975 - 12/1987	H4	1595	97	11
EJ16 1597cc Flat4 SOHC 4v	04/1993 - 12/1998	H4	1597	97	4
EA81 1781cc Flat4 OHV 2v	04/1975 - 01/1995	H4	1781	108	2
EA81-T 1781cc Flat4 OHV 2v Turbo	08/1982 - 10/1984	H4	1781	108	2
EA82 1781cc Flat4 SOHC 2v	01/1981 - 12/1994	H4	1781	108	12
EA82-T 1781cc Flat4 SOHC 2v Turbo	07/1985 - 12/1989	H4	1781	108	12
EJ18E 1820cc Flat4 SOHC 4v	01/1993 - 12/1996	H4	1820	111	14
EJ205 1994cc Flat4 DOHC 4v Turbo	12/2000 - 07/2002	H4	1994	121	5
EJ20D 1994cc Flat4 DOHC 4v	01/1989 - On	H4	1994	121	15
EJ20E 1994cc Flat4 SOHC 4v	03/1996 - On	H4	1994	121	15
EJ20G 1994cc Flat4 DOHC 4v Turbo	09/1991 - 09/2005	H4	1994	121	5
EJ20T 1994cc Flat4 DOHC 4v Turbo	01/1989 - 12/1998	H4	1994	121	5
EJ20TT 1994cc Flat4 DOHC 4v Twin Turbo	01/1993 - 12/2003	H4	1994	121	5
FA20 1998cc Flat4 DOHC 4v	07/2012 - On	H4	1998	121	6
EJ22E 2212cc Flat4 SOHC 4v	01/1989 - 03/1999	H4	2212	134	5
EJ22EZ 2212cc Flat4 SOHC 4v	01/1996 - 12/1999	H4	2212	134	5
EJ22G 2212cc Flat4 DOHC 4v Turbo	01/1989 - 12/1994	H4	2212	134	5
EJ22T 2212cc Flat4 SOHC 4v Turbo	01/1989 - 03/1999	H4	2212	134	5
EJ25 2457cc Flat4 SOHC 4v	01/1999 - On	H4	2457	149	5
EJ25D 2457cc Flat4 DOHC 4v	01/1996 - On	H4	2457	149	5
EJ25T 2457cc Flat4 DOHC 4v Turbo	08/2003 - On	H4	2457	149	17
ER27 2672cc Flat6 SOHC 2v	07/1987 - 09/1991	H6	2672	163	8



1 Engine		Year		Cyl	Bore x Stroke		1
EA65 1298cc Flat4 OHV 2v		10/1979 - 10/1989		H4	83.0mm x 60.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8291A</b> STD, .25, .50, .75		44.988/1.7712	48.000/1.8898	1.485/.0585	13.63/.537	F810	8291A
		45.000/1.7717	48.016/1.8904				IH
<b>MAINS</b>							
<b>3M8293A</b> STD, .25, .50, .75	1,3	49.954/1.9667	54.000/2.1260	2.008/.0791	21.33/.840	F810	8292A
		49.969/1.9673	54.018/2.1267				IH
	2	49.954/1.9667	54.000/2.1260	2.009/.0791	25.96/1.022	F810	8293A(F)
		49.969/1.9673	54.018/2.1267				UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4051</b> UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	4RB4051
		21.000/.8268	22.949/.9035				
<b>PISTON PIN BUSH</b>							
<b>RB4051</b> UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	RB4051
		21.000/.8268	22.949/.9035				
2 Engine		Year		Cyl	Bore x Stroke		2
EA81 1781cc Flat4 OHV 2v		04/1975 - 01/1995		H4	92.0mm x 67.0mm		
EA81-T 1781cc Flat4 OHV 2v Turbo		08/1982 - 10/1984		H4	92.0mm x 67.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8291A</b> STD, .25, .50, .75		44.988/1.7712	48.000/1.8898	1.485/.0585	13.63/.537	F810	8291A
		45.000/1.7717	48.016/1.8904				IH
<b>MAINS</b> <i>Overwidth flanges on undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm.</i>							
<b>3M8294A</b> STD, .25, .50, .75	1,3	54.955/2.1636	59.000/2.3228	2.020/.0795	21.13/.832	F810	8294A
		54.970/2.1642	59.018/2.3235				IH
	2	54.955/2.1636	59.000/2.3228	2.020/.0795	25.96/1.022	F810	8295A(F)
		54.970/2.1642	59.018/2.3235				IH
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4051</b> UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	4RB4051
		21.000/.8268	22.949/.9035				
<b>PISTON PIN BUSH</b>							
<b>RB4051</b> UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	RB4051
		21.000/.8268	22.949/.9035				
3 Engine		Year		Cyl	Bore x Stroke		3
EF10 997cc Inline3 SOHC 2v		10/1983 - 12/1987		L3	78.0mm x 69.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have one oil hole.</i>							
<b>3B8323A</b> STD, .25, .50, .75, 1.00		41.989/1.6531	45.000/1.7717	1.490/.0587	15.13/.596	F810	8323A
		42.000/1.6535	45.016/1.7723				IH
<b>MAINS</b>							
<b>4M8326A</b> STD, .25, .50, .75, 1.00	1,3,4	45.000/1.7717	45.000/1.7717	1.508/.0594	20.13/.793	F810	8326A
		45.024/1.7726	45.024/1.7726				IH
	2	45.000/1.7717	45.000/1.7717	1.508/.0594	24.96/.983	F810	8327A(F)
		45.024/1.7726	45.024/1.7726				IH
4 Engine		Year		Cyl	Bore x Stroke		4
EJ15 1493cc Flat4 SOHC 2v		01/1993 - 12/2006		H4	85.0mm x 65.8mm		
EJ16 1597cc Flat4 SOHC 4v		04/1993 - 12/1998		H4	87.9mm x 65.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Suits 52mm journal only.</i>							
<b>4B8296A</b> STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F810	8296A
		52.000/2.0472	55.020/2.1661				IH





4		Continued ...						4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Suits 52mm journal only.</i>						
<b>4B8296H</b> STD, .025, .25, .50		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F781	8296H IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>						
<b>4B8296HX</b> STD		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.487/.0585	16.50/.650	F781	8296HX IH	
<b>4B8296P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Suits 52mm journal only.</i>						
		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F780	8296 IH	
<b>4B8320A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Suits 48mm shaft size.</i>						
		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F810	8320A IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Suits 48mm shaft size.</i>						
<b>4B8320H</b> STD, .025, .25, .50		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F781	8320H IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>						
<b>4B8320HX</b> STD		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.485/.0585	15.63/.615	F781	8320HX IH	
<b>4B8320P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Suits 48mm shaft size.</i>						
		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F780	8320 IH	
<b>5M8297A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F810	8297A IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298A IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F810	8299A(F) IH	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
<b>5M8297H</b> STD, .025, .25, .50	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297H IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298H IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F780	8299H(F) IH	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>For engines with thrust in #3 position. 0.001" extra oil clearance on STD journal.</i>						
<b>5M8297HX</b> STD	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	19.00/.748	F780	8297HX IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	15.12/.595	F780	8298HX IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	21.95/.864	F780	8299HX(F) IH	
<b>5M8297P</b> STD, .25, .50, .75	<b>MAINS</b>	<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297 IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298 IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F780	8299(F) IH	
<b>4RB4233</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.250/.0492	21.30/.839	F100	4RB4233	
<b>RB4233</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece.</i>		1.250/.0492	21.30/.839	F100	RB4233	





5	Engine	Year	Cyl	Bore x Stroke	5
	EJ205 1994cc Flat4 DOHC 4v Turbo	12/2000 - 07/2002	H4	92.0mm x 75.0mm	
	EJ20G 1994cc Flat4 DOHC 4v Turbo	09/1991 - 09/2005	H4	92.0mm x 75.0mm	
	EJ20T 1994cc Flat4 DOHC 4v Turbo	01/1989 - 12/1998	H4	92.0mm x 75.0mm	
	EJ20TT 1994cc Flat4 DOHC 4v Twin Turbo	01/1993 - 12/2003	H4	92.0mm x 75.0mm	
	EJ22E 2212cc Flat4 SOHC 4v	01/1989 - 03/1999	H4	96.9mm x 75.0mm	
	EJ22EZ 2212cc Flat4 SOHC 4v	01/1996 - 12/1999	H4	96.9mm x 75.0mm	
	EJ22G 2212cc Flat4 DOHC 4v Turbo	01/1989 - 12/1994	H4	96.9mm x 75.0mm	
	EJ22T 2212cc Flat4 SOHC 4v Turbo	01/1989 - 03/1999	H4	96.9mm x 75.0mm	
	EJ25 2457cc Flat4 SOHC 4v	01/1999 - On	H4	99.5mm x 79.0mm	
	EJ25D 2457cc Flat4 DOHC 4v	01/1996 - On	H4	99.5mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Suits 52mm journal only.</i>							
<b>4B8296A</b> STD, .25, .50, .75		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F810	8296A IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Suits 52mm journal only.</i>							
<b>4B8296H</b> STD, .025, .25, .50		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F781	8296H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>							
<b>4B8296HX</b> STD		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.487/.0585	16.50/.650	F781	8296HX IH
<b>CONROD</b> <i>Suits 52mm journal only.</i>							
<b>4B8296P</b> STD, .25, .50, .75		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F780	8296 IH
<b>CONROD</b> <i>Suits 48mm shaft size.</i>							
<b>4B8320A</b> STD, .25, .50, .75, 1.00		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F810	8320A IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Suits 48mm shaft size.</i>							
<b>4B8320H</b> STD, .025, .25, .50		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F781	8320H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>							
<b>4B8320HX</b> STD		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.485/.0585	15.63/.615	F781	8320HX IH
<b>CONROD</b> <i>Suits 48mm shaft size.</i>							
<b>4B8320P</b> STD, .25, .50, .75, 1.00		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F780	8320 IH
<b>MAINS</b>							
<b>5M8297A</b> STD, .25, .50, .75	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F810	8297A IH
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298A IH
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F810	8299A(F) IH
<b>RACE SERIES</b> <b>MAINS</b> <i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>							
<b>5M8297H</b> STD, .025, .25, .50	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297H IH
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298H IH
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F780	8299H(F) IH
<b>RACE SERIES</b> <b>MAINS</b> <i>For engines with thrust in #3 position. 0.001" extra oil clearance on STD journal.</i>							
<b>5M8297HX</b> STD	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	19.00/.748	F780	8297HX IH
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	15.12/.595	F780	8298HX IH
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	21.95/.864	F780	8299HX(F) IH

5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8297P</b> STD, .25, .50, .75	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
		60.000/2.3622	64.020/2.5205				
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299(F) IH
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8309A</b> STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	22.95/.904	F810	8309A(F) IH
		60.000/2.3622	64.000/2.5197				
<b>MAINS</b>		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8309H</b> STD, .025, .25, .50	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309H(F) IH
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>		<i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>					
<b>5M8309HX</b> STD	5	59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	1.992/.0784	22.92/.902	F780	8309HX(F) IH
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8309P</b> STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
	5	60.000/2.3622	64.020/2.5205				
		59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309(F) IH
		60.000/2.3622	64.020/2.5205				
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4233</b> UNB				1.250/.0492	21.30/.839	F100	4RB4233
<b>PISTON PIN BUSH</b>							
<b>RB4125</b> UNB			24.980/.9835	1.330/.0524	21.40/.843	F100	RB4125
			25.000/.9843				
<b>PISTON PIN BUSH</b>		<i>Single piece.</i>					
<b>RB4233</b> UNB				1.250/.0492	21.30/.839	F100	RB4233

6 Engine				Year	Cyl	Bore x Stroke	6
FA20 1998cc Flat4 DOHC 4v				07/2012 - On	H4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>4B8310H</b> STD, .025, .25		49.976/1.9676	53.000/2.0866	1.504/.0592	15.60/.614	F781	8310H IH
		50.000/1.9685	53.024/2.0876				
<b>4B8310HX</b> STD		49.976/1.9676	53.000/2.0866	1.491/.0587	17.00/.669	F781	8310HX IH
		50.000/1.9685	53.024/2.0876				





6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8310P</b> STD, .25, .50	<b>CONROD</b>	49.976/1.9676	53.000/2.0866	1.504/.0592	15.50/.610	F780	8310 IH
		50.000/1.9685	53.024/2.0876				
<b>5M8312A</b> STD, .25, .50	<b>MAINS</b>					F810	8313A L
						F810	8314A(F) U
						F810	8312A U

7 Engine				Year	Cyl	Bore x Stroke	7
E23 544cc Inline2 SOHC 2v				09/1982 - 02/1990	L2	76.0mm x 60.0mm	
E42 665cc Inline2 SOHC 2v				03/1988 - 06/1989	L2	78.0mm x 69.6mm	
EK21 358cc Inline2 SOHC 2v				02/1973 - 05/1976	L2	66.0mm x 52.4mm	
EK22 490cc Inline2 SOHC 2v				04/1976 - 07/1977	L2	74.0mm x 57.0mm	
EK23 544cc Inline2 SOHC 2v				04/1977 - 03/1990	L2	76.0mm x 60.0mm	
EK23-T 544cc Inline2 SOHC 2v Turbo				10/1983 - 10/1986	L2	76.0mm x 60.0mm	
EK42 665cc Inline2 SOHC 2v				09/1982 - 06/1989	L2	78.0mm x 70.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2B8316A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		41.000/1.6142	1.490/.0587	15.13/.596	F810	8316A IH
			41.016/1.6148				
<b>3M8318A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2	45.000/1.7717	1.508/.0594	20.13/.793	F810	8318A UL
			45.012/1.7721				
		3	45.000/1.7717	1.508/.0594	24.96/.983	F810	8319A(F) UL
		45.012/1.7721					

8 Engine				Year	Cyl	Bore x Stroke	8
ER27 2672cc Flat6 SOHC 2v				07/1987 - 09/1991	H6	92.0mm x 67.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B8270A</b> STD	<b>CONROD</b>		48.000/1.8898	1.490/.0587	14.63/.576	F810	8270A IH
			48.020/1.8905				
<b>4M8271A</b> STD	<b>MAINS</b>	1,2,4	59.000/2.3228	2.019/.0795	21.13/.832	F810	8271A UL
			59.020/2.3236				
		3	59.000/2.3228	2.019/.0795	25.96/1.022	F810	8272A(F) UL
		59.020/2.3236					
<b>6RB4234</b> UNB	<b>PISTON PIN BUSH</b>	Set of 6.	23.000/.9055	1.040/.0409	19.40/.764	F100	6RB4234
<b>RB4234</b> UNB	<b>PISTON PIN BUSH</b>	Single piece.	21.000/.8268	1.040/.0409	19.40/.764	F100	RB4234

9 Engine				Year	Cyl	Bore x Stroke	9
EN07 658cc Inline4 SOHC 2v				07/1990 - 04/2000	L4	56.0mm x 66.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8328A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		34.000/1.3386	1.498/.0590	13.50/.532	F810	8328A IH
			34.018/1.3393				
<b>4B8328P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		34.000/1.3386	1.498/.0590	13.50/.532	F780	8328 IH
			34.018/1.3393				

9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8329A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5		45.024/1.7726 45.036/1.7731	1.512/.0595	14.10/.555	F810	8329A UL
	<b>THRUST</b>		57.900/2.2795		1.96/.077	F817	8329T UL
<b>2T8329</b> STD, .25							

10 Engine				Year	Cyl	Bore x Stroke	10
EA62 1267cc Flat4 OHV 2v				01/1970 - 10/1972	H4	82.0mm x 60.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8291A</b> STD, .25, .50, .75	<b>CONROD</b>	44.988/1.7712 45.000/1.7717	48.000/1.8898 48.016/1.8904	1.485/.0585	13.63/.537	F810	8291A IH
	<b>MAINS</b> 1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/.0791	21.33/.840	F810	8292A IH
<b>3M8292A</b> STD, .25, .50, .75	2	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.009/.0791	25.96/1.022	F810	8293A(F) UL
	<b>PISTON PIN BUSH</b> Set of 4.	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	4RB4051
<b>4RB4051</b> UNB							
<b>RB4051</b> UNB	<b>PISTON PIN BUSH</b>	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	RB4051

11 Engine				Year	Cyl	Bore x Stroke	11
EA63S 1361cc Flat4 OHV 2v				01/1970 - 05/1984	H4	85.0mm x 60.0mm	
EA64 1176cc Flat4 OHV 2v				01/1973 - 09/1979	H4	79.0mm x 60.0mm	
EA71 1595cc Flat4 OHV 2v				01/1975 - 12/1987	H4	92.0mm x 60.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8291A</b> STD, .25, .50, .75	<b>CONROD</b>	44.988/1.7712 45.000/1.7717	48.000/1.8898 48.016/1.8904	1.485/.0585	13.63/.537	F810	8291A IH
	<b>MAINS</b> 1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/.0791	21.33/.840	F810	8292A IH
<b>3M8292A</b> STD, .25, .50, .75	2	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.009/.0791	25.96/1.022	F810	8293A(F) UL
	<b>MAINS</b> 1,3	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.008/.0791	21.33/.840	F810	8292A IH
<b>3M8293A</b> STD, .25, .50, .75	2	49.954/1.9667 49.969/1.9673	54.000/2.1260 54.018/2.1267	2.009/.0791	25.96/1.022	F810	8293A(F) UL
	<b>PISTON PIN BUSH</b> Set of 4.	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	4RB4051
<b>4RB4051</b> UNB							
<b>RB4051</b> UNB	<b>PISTON PIN BUSH</b>	21.000/.8268 21.000/.8268	22.924/.9025 22.949/.9035	1.230/.0484	19.40/.764	F100	RB4051





12	Engine	Year	Cyl	Bore x Stroke	12
	EA82 1781cc Flat4 SOHC 2v	01/1981 - 12/1994	H4	92.0mm x 67.0mm	
	EA82-T 1781cc Flat4 SOHC 2v Turbo	07/1985 - 12/1989	H4	92.0mm x 67.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8290A</b> STD, .25, .50, .75, 1.00		44.996/1.7715	48.000/1.8898	1.490/.0587	14.60/.575	F810	8290A
		45.010/1.7720	48.016/1.8904				IH
<b>MAINS</b> <i>Overwidth flanges on undersizes: Std=Std, 0.25mm=Std+0.10mm, 0.50mm=Std+0.18mm, 0.75mm=Std+0.26mm.</i>							
<b>3M8294A</b> STD, .25, .50, .75	1,3	54.955/2.1636	59.000/2.3228	2.020/.0795	21.13/.832	F810	8294A
		54.970/2.1642	59.018/2.3235				IH
	2	54.955/2.1636	59.000/2.3228	2.020/.0795	25.96/1.022	F810	8295A(F)
		54.970/2.1642	59.018/2.3235				IH
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4051</b> UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	4RB4051
		21.000/.8268	22.949/.9035				
<b>PISTON PIN BUSH</b>							
<b>RB4051</b> UNB		21.000/.8268	22.924/.9025	1.230/.0484	19.40/.764	F100	RB4051
		21.000/.8268	22.949/.9035				

13	Engine	Year	Cyl	Bore x Stroke	13
	EF12 1189cc Inline3 SOHC 3v	01/1985 - 12/1992	L3	78.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearings have no oil hole.</i>							
<b>3B8324A</b> STD, .25, .50, .75, 1.00		41.989/1.6531	45.000/1.7717	1.490/.0587	15.13/.596	F810	8324A
		42.000/1.6535	45.016/1.7723				IH
<b>MAINS</b>							
<b>4M8326A</b> STD, .25, .50, .75, 1.00	1,3,4		45.000/1.7717	1.508/.0594	20.13/.793	F810	8326A
			45.024/1.7726				IH
	2		45.000/1.7717	1.508/.0594	24.96/.983	F810	8327A(F)
			45.024/1.7726				IH

14	Engine	Year	Cyl	Bore x Stroke	14
	EJ18E 1820cc Flat4 SOHC 4v	01/1993 - 12/1996	H4	87.9mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Suits 52mm journal only.</i>							
<b>4B8296A</b> STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F810	8296A
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Suits 52mm journal only.</i>							
<b>4B8296H</b> STD, .025, .25, .50		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F781	8296H
		52.000/2.0472	55.020/2.1661				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>							
<b>4B8296HX</b> STD		51.984/2.0466	55.000/2.1654	1.487/.0585	16.50/.650	F781	8296HX
		52.000/2.0472	55.020/2.1661				IH
<b>CONROD</b> <i>Suits 52mm journal only.</i>							
<b>4B8296P</b> STD, .25, .50, .75		51.984/2.0466	55.000/2.1654	1.500/.0591	16.50/.650	F780	8296
		52.000/2.0472	55.020/2.1661				IH
<b>CONROD</b> <i>Suits 48mm shaft size.</i>							
<b>4B8320A</b> STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F810	8320A
		48.000/1.8898	51.020/2.0087				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Suits 48mm shaft size.</i>							
<b>4B8320H</b> STD, .025, .25, .50		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F781	8320H
		48.000/1.8898	51.020/2.0087				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>							
<b>4B8320HX</b> STD		47.984/1.8891	51.000/2.0079	1.485/.0585	15.63/.615	F781	8320HX
		48.000/1.8898	51.020/2.0087				IH

14		Continued ...						14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Suits 48mm shaft size.</i>						
<b>4B8320P</b> STD, .25, .50, .75, 1.00		47.984/1.8891	51.000/2.0079	1.498/.0590	15.63/.615	F780	8320	
		48.000/1.8898	51.020/2.0087				IH	
<b>RACE SERIES</b>		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
<b>5M8297H</b> STD, .025, .25, .50	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H	
		60.000/2.3622	64.020/2.5205				IH	
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H	
		60.000/2.3622	64.020/2.5205				IH	
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299H(F)	
		60.000/2.3622	64.020/2.5205				IH	
<b>RACE SERIES</b>		<i>For engines with thrust in #3 position. 0.001" extra oil clearance on STD journal.</i>						
<b>5M8297HX</b> STD	1,5	59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX	
		60.000/2.3622	64.020/2.5205				IH	
	2,4	59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX	
		60.000/2.3622	64.020/2.5205				IH	
	3	59.984/2.3616	64.000/2.5197	1.992/.0784	21.95/.864	F780	8299HX(F)	
		60.000/2.3622	64.020/2.5205				IH	
<b>MAINS</b>		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
<b>5M8297P</b> STD, .25, .50, .75	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297	
		60.000/2.3622	64.020/2.5205				IH	
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298	
		60.000/2.3622	64.020/2.5205				IH	
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299(F)	
		60.000/2.3622	64.020/2.5205				IH	
<b>MAINS</b>		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
<b>5M8309A</b> STD, .25, .50, .75		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.95/.904	F810	8309A(F)	
		60.000/2.3622	64.000/2.5197				IH	
<b>RACE SERIES</b>		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
<b>5M8309H</b> STD, .025, .25, .50		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309H(F)	
		60.000/2.3622	64.020/2.5205				IH	
<b>RACE SERIES</b>		<i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>						
<b>5M8309HX</b> STD		59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	1.992/.0784	22.92/.902	F780	8309HX(F)	
		60.000/2.3622	64.020/2.5205				IH	
<b>MAINS</b>		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>						
<b>5M8309P</b> STD, .25, .50, .75		59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297	
		60.000/2.3622	64.020/2.5205				IH	
		59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298	
		60.000/2.3622	64.020/2.5205				IH	
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309(F)	
		60.000/2.3622	64.020/2.5205				IH	
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>						
<b>4RB4233</b> UNB				1.250/.0492	21.30/.839	F100	4RB4233	





14 Continued ...								14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b> <i>Single piece.</i>								
<b>RB4233</b> UNB				1.250/.0492	21.30/.839	F100	RB4233	
15 Engine				Year	Cyl	Bore x Stroke	15	
EJ20D 1994cc Flat4 DOHC 4v				01/1989 - On	H4	92.0mm x 75.0mm		
EJ20E 1994cc Flat4 SOHC 4v				03/1996 - On	H4	92.0mm x 75.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Suits 52mm journal only.</i>								
<b>4B8296A</b> STD, .25, .50, .75		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F810	8296A IH	
<b>RACE SERIES</b> <b>CONROD</b> <i>Suits 52mm journal only.</i>								
<b>4B8296H</b> STD, .025, .25, .50		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F781	8296H IH	
<b>RACE SERIES</b> <b>CONROD</b> <i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>								
<b>4B8296HX</b> STD		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.487/.0585	16.50/.650	F781	8296HX IH	
<b>CONROD</b> <i>Suits 52mm journal only.</i>								
<b>4B8296P</b> STD, .25, .50, .75		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F780	8296 IH	
<b>CONROD</b> <i>Suits 48mm shaft size.</i>								
<b>4B8320A</b> STD, .25, .50, .75, 1.00		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F810	8320A IH	
<b>RACE SERIES</b> <b>CONROD</b> <i>Suits 48mm shaft size.</i>								
<b>4B8320H</b> STD, .025, .25, .50		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F781	8320H IH	
<b>RACE SERIES</b> <b>CONROD</b> <i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>								
<b>4B8320HX</b> STD		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.485/.0585	15.63/.615	F781	8320HX IH	
<b>CONROD</b> <i>Suits 48mm shaft size.</i>								
<b>4B8320P</b> STD, .25, .50, .75, 1.00		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F780	8320 IH	
<b>MAINS</b>								
<b>5M8297A</b> STD, .25, .50, .75	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F810	8297A IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298A IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F810	8299A(F) IH	
<b>RACE SERIES</b> <b>MAINS</b> <i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>								
<b>5M8297H</b> STD, .025, .25, .50	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297H IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298H IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	21.95/.864	F780	8299H(F) IH	
<b>RACE SERIES</b> <b>MAINS</b> <i>For engines with thrust in #3 position. 0.001" extra oil clearance on STD journal.</i>								
<b>5M8297HX</b> STD	1,5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	19.00/.748	F780	8297HX IH	
	2,4	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	15.12/.595	F780	8298HX IH	
	3	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	21.95/.864	F780	8299HX(F) IH	

15 Continued ...							15
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8297P</b> STD, .25, .50, .75	1,5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
		60.000/2.3622	64.020/2.5205				
	2,4	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
	3	59.984/2.3616	64.000/2.5197	2.005/.0789	21.95/.864	F780	8299(F) IH
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>		<i>For engines with thrust in #3 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8309A</b> STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F810	8297A IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298A IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.95/.904	F810	8309A(F) IH
		60.000/2.3622	64.000/2.5197				
<b>MAINS</b>		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8309H</b> STD, .025, .25, .50	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297H IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298H IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309H(F) IH
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>		<i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>					
<b>5M8309HX</b> STD	5	59.984/2.3616	64.000/2.5197	1.992/.0784	19.00/.748	F780	8297HX IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	1.992/.0784	15.12/.595	F780	8298HX IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	1.992/.0784	22.92/.902	F780	8309HX(F) IH
		60.000/2.3622	64.020/2.5205				
<b>MAINS</b>		<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8309P</b> STD, .25, .50, .75	5	59.984/2.3616	64.000/2.5197	2.005/.0789	19.00/.748	F780	8297 IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	15.12/.595	F780	8298 IH
		60.000/2.3622	64.020/2.5205				
	5	59.984/2.3616	64.000/2.5197	2.005/.0789	22.92/.902	F780	8309(F) IH
		60.000/2.3622	64.020/2.5205				
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4233</b> UNB				1.250/.0492	21.30/.839	F100	4RB4233
<b>PISTON PIN BUSH</b>		<i>Single piece.</i>					
<b>RB4233</b> UNB				1.250/.0492	21.30/.839	F100	RB4233

16 Engine				Year	Cyl	Bore x Stroke	16
EA61 1088cc Flat4 OHV 2v				01/1969 - 10/1978	H4	76.0mm x 60.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8291A</b> STD, .25, .50, .75		44.988/1.7712	48.000/1.8898	1.485/.0585	13.63/.537	F810	8291A IH
		45.000/1.7717	48.016/1.8904				
<b>MAINS</b>							
<b>3M8292A</b> STD, .25, .50, .75	1,3	49.954/1.9667	54.000/2.1260	2.008/.0791	21.33/.840	F810	8292A IH
		49.969/1.9673	54.018/2.1267				
	2	49.954/1.9667	54.000/2.1260	2.009/.0791	25.96/1.022	F810	8293A(F) UL
		49.969/1.9673	54.018/2.1267				





17	Engine	Year	Cyl	Bore x Stroke	17		
	EJ25T 2457cc Flat4 DOHC 4v Turbo	08/2003 - On	H4				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits 52mm journal only.</i>					
<b>4B8296A</b> STD, .25, .50, .75		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F810	8296A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Suits 52mm journal only.</i>					
<b>4B8296H</b> STD, .025, .25, .50		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F781	8296H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal. Suits 52mm journal only.</i>					
<b>4B8296HX</b> STD		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.487/.0585	16.50/.650	F781	8296HX IH
<b>4B8296P</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Suits 52mm journal only.</i>					
		51.984/2.0466 52.000/2.0472	55.000/2.1654 55.020/2.1661	1.500/.0591	16.50/.650	F780	8296 IH
<b>4B8320A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Suits 48mm shaft size.</i>					
		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F810	8320A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Suits 48mm shaft size.</i>					
<b>4B8320H</b> STD, .025, .25, .50		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F781	8320H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal. Suits 48mm shaft size.</i>					
<b>4B8320HX</b> STD		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.485/.0585	15.63/.615	F781	8320HX IH
<b>4B8320P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Suits 48mm shaft size.</i>					
		47.984/1.8891 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.498/.0590	15.63/.615	F780	8320 IH
<b>5M8309A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F810	8297A IH
		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298A IH
	5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.000/2.5197	2.005/.0789	22.95/.904	F810	8309A(F) IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
<b>5M8309H</b> STD, .025, .25, .50		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297H IH
		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298H IH
	5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	22.92/.902	F780	8309H(F) IH
<b>RACE SERIES</b>	<b>MAINS</b>	<i>For engines with thrust in #5 position. 0.001" extra oil clearance on STD journal.</i>					
<b>5M8309HX</b> STD		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	19.00/.748	F780	8297HX IH
		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	15.12/.595	F780	8298HX IH
	5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	1.992/.0784	22.92/.902	F780	8309HX(F) IH
<b>5M8309P</b> STD, .25, .50, .75	<b>MAINS</b>	<i>For engines with thrust in #5 position. Overwidth flanges for undersizes: Std=Std, .25=Std+.10mm, .50=Std+.18mm, .75 = Std+.26mm.</i>					
		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	19.00/.748	F780	8297 IH
		59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	15.12/.595	F780	8298 IH
	5	59.984/2.3616 60.000/2.3622	64.000/2.5197 64.020/2.5205	2.005/.0789	22.92/.902	F780	8309(F) IH
<b>4RB4233</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.250/.0492	21.30/.839	F100	4RB4233



17		Continued ...						17
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RB4125</b> UNB	<b>PISTON PIN BUSH</b>		24.980/.9835 25.000/.9843	1.330/.0524	21.40/.843	F100	RB4125	
<b>RB4233</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece.</i>		1.250/.0492	21.30/.839	F100	RB4233	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
F5A 543cc Inline3 OHV 2v	01/1978 - 10/1991	L3	543	33	14
F5AT 543cc Inline3 OHV 2v Turbo	01/1979 - 12/1989	L3	543	33	10
F5B 543cc Inline3 OHV 2v	07/1988 - On	L3	543	33	5
F6A 657cc Inline3 SOHC 4v	03/1990 - 12/2000	L3	657	40	9
K6A 658cc Inline3 SOHC 2v	01/1994 - On	L3	658	40	4
F8B 796cc Inline3 SOHC 2v	01/1980 - 12/1991	L3	796	48	17
F8A 797cc Inline4 SOHC 2v	11/1977 - 09/1988	L4	797	48	13
F10A 970cc Inline4 OHV 2v	01/1981 - 07/2000	L4	970	59	13
988cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v	01/2001 - 12/2005	L4	988	60	3
G10 993cc Inline3 OHV 2v	01/1984 - 01/1995	L3	993	60	12
G10A 993cc Inline3 SOHC 2v	09/1988 - 12/1996	L3	993	60	12
G10T 993cc Inline3 SOHC 2v Turbo	01/1985 - 12/1988	L3	993	60	12
998.6cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v	01/2005 - 12/2006	L4	998	60	3
999cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v	01/2007 - On	L4	999	60	3
G13B 1298cc Inline 4 DOHC 4v	08/1984 - On	L4	1298	79	16
G13BA 1298cc Inline4 SOHC 2v	10/1981 - 12/2000	L4	1298	79	1
G13BB 1298cc Inline4 SOHC 4v	01/1999 - On	L4	1298	79	1
G13A 1324cc Inline4 SOHC 2v	01/1981 - 07/1999	L4	1324	80	1
M13A 1328cc Inline4 DOHC 4v	10/2000 - On	L4	1328	81	7
M15A 1490cc Inline 4 DOHC 4v	11/2000 - On	L4	1490	90	2
G15A 1493cc Inline4 SOHC 2v	07/1991 - On	L4	1493	91	11
M16A 1586cc Inline4 DOHC 4v	11/2001 - On	L4	1586	96	2
G16A 1590cc Inline4 SOHC 2v	05/1988 - 05/1999	L4	1590	97	11
G16B 1590cc Inline4 SOHC 4v	01/1989 - On	L4	1590	97	11
M18A 1796cc Inline4 DOHC 4v	08/2004 - On	L4	1796	109	2
J18A 1840cc Inline4 DOHC 4v	01/1996 - 12/2001	L4	1800	109	6
J18K 1840cc Inline4 DOHC 4v	01/1996 - 12/2002	L4	1840	112	6
J20A 1995cc Inline4 DOHC 4v	05/1997 - 12/2009	L4	1995	121	6
H20A 1998cc V6 DOHC 4v	02/1993 - 04/1998	V6	1998	121	15
H25A 2495cc V6 DOHC 4v	04/1998 - On	V6	2495	152	8
H27A 2736cc V6 DOHC 4v	07/2001 - On	V6	2736	166	8



1	Engine	Year	Cyl	Bore x Stroke	1
	G13A 1324cc Inline4 SOHC 2v	01/1981 - 07/1999	L4	74.0mm x 77.0mm	
	G13BA 1298cc Inline4 SOHC 2v	10/1981 - 12/2000	L4	74.0mm x 75.5mm	
	G13BB 1298cc Inline4 SOHC 4v	01/1999 - On	L4	74.0mm x 75.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B8336A</b> STD, .25, .50, .75, 1.00		41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F810	8336A IH
<b>RACE SERIES</b> <b>4B8336H</b> STD, .25, .50	<b>CONROD</b>	41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F781	8336H IH
<b>RACE SERIES</b> <b>4B8336HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.477/.0581	18.13/.714	F781	8336HX IH
<b>4B8336P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F780	8336 IH
	<b>MAINS</b>						
<b>5M8337A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	44.982/1.7709 44.994/1.7714	48.998/1.9291 49.018/1.9298	2.000/.0787	18.13/.714	F810	8337A UL
<b>RACE SERIES</b> <b>5M8337H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	44.982/1.7709 44.994/1.7714	48.998/1.9291 49.018/1.9298	2.000/.0787	18.13/.714	F780	8337H UL
<b>RACE SERIES</b> <b>5M8337HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.987/.0782	18.00/.709	F780	8337HX UL
<b>1T8337</b> STD	<b>THRUST</b>	52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH

2	Engine	Year	Cyl	Bore x Stroke	2
	M15A 1490cc Inline 4 DOHC 4v	11/2000 - On	L4	78.0mm x 78.0mm	
	M16A 1586cc Inline4 DOHC 4v	11/2001 - On	L4	78.0mm x 83.0mm	
	M18A 1796cc Inline4 DOHC 4v	08/2004 - On	L4	83.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B8440A</b> STD, .25		41.982/1.6528 42.000/1.6535	45.000/1.7717 45.018/1.7724	1.490/.0587	18.13/.714	F810	8440A IH
<b>RACE SERIES</b> <b>4B8440H</b> STD, .025, .25	<b>CONROD</b>	41.982/1.6528 42.000/1.6535	45.000/1.7717 45.018/1.7724	1.490/.0587	18.13/.714	F781	8440H IH
<b>RACE SERIES</b> <b>4B8440HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.477/.0581	18.13/.714	F781	8440HX IH
<b>5M8443A</b> STD, .25	<b>MAINS</b> 1,2,3,4,5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.000/.0787	18.10/.713	F810	8443A UL
<b>RACE SERIES</b> <b>5M8443H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.000/.0787	18.10/.713	F780	8443H UL
<b>RACE SERIES</b> <b>5M8443HX</b> STD	<b>MAINS</b> 1,2,3,4,5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	1.987/.0782	18.10/.713	F780	8443HX UL
<b>1T8443</b> STD	<b>THRUST</b>		75.000/2.9528		2.52/.099	F817	8443T UL
<b>2C8446A</b> STD	<b>CAMS</b>			1.518/.0598	27.50/1.083	F820	8446A





2 Continued ...								2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2C8446A</b> STD				1.518/.0598	27.50/1.083	F820	8447A	
3 Engine				Year	Cyl	Bore x Stroke	3	
988cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v				01/2001 - 12/2005	L4	73.0mm x 59.0mm		
998.6cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v				01/2005 - 12/2006	L4	73.4mm x 59.0mm		
999cc (GSX-R1000) Inline4 DOHC 4 Stroke 4v				01/2007 - On	L4	74.5mm x 57.3mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>4B8430H</b> Std, .025, .25		<b>CONROD</b>	34.976/1.3770 35.000/1.3780	38.000/1.4961 38.016/1.4967	1.488/.0586	15.00/.591	F781 8430H IH	
<b>RACE SERIES</b> <b>4B8430HX</b> Std		<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.475/.0581	15.00/.591	F781 8430HX IH	
4 Engine				Year	Cyl	Bore x Stroke	4	
K6A 658cc Inline3 SOHC 2v				01/1994 - On	L3	68.0mm x 60.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8244A</b> STD, .25		<b>CONROD</b>	37.980/1.4953 38.000/1.4961	41.000/1.6142 41.020/1.6150	1.491/.0587	16.10/.634	F810 8244A IH	
<b>4M8245A</b> STD, .25		<b>MAINS</b> 1,2,3,4	44.980/1.7709 45.000/1.7717	49.000/1.9291 49.020/1.9299	2.003/.0789	18.10/.713	F810 8245A UL	
<b>1T8337</b> STD		<b>THRUST</b>	52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250 8337T IH	
5 Engine				Year	Cyl	Bore x Stroke	5	
F5B 543cc Inline3 OHV 2v				07/1988 - On	L3	62.0mm x 60.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>3B8540A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>	35.980/1.4165 36.000/1.4173	39.000/1.5354 39.020/1.5362	1.490/.0587	16.10/.634	F810 8540A IH	
<b>4M8355A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> 1,2,3,4	39.980/1.5740 40.000/1.5748	44.000/1.7323 44.020/1.7331	1.990/.0783	17.00/.669	F810 8355A IH	
<b>1T8355</b> STD		<b>THRUST</b> 3	47.000/1.8504 47.250/1.8602	63.000/2.4803 63.250/2.4902		2.52/.099	F817 8355T	
6 Engine				Year	Cyl	Bore x Stroke	6	
J18A 1840cc Inline4 DOHC 4v				01/1996 - 12/2001	L4	84.0mm x 83.0mm		
J18K 1840cc Inline4 DOHC 4v				01/1996 - 12/2002	L4	84.0mm x 83.0mm		
J20A 1995cc Inline4 DOHC 4v				05/1997 - 12/2009	L4	84.0mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8306A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>	49.982/1.9678 50.000/1.9685	53.000/2.0866 53.018/2.0873	1.490/.0587	16.13/.635	F810 8306A IH	
<b>5M8307A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> 1,2,3,4,5	57.982/2.2828 58.000/2.2835	62.000/2.4409 62.018/2.4416	2.003/.0789	19.12/.753	F810 8307A UL	
<b>1T8307</b> STD		<b>THRUST</b>	71.250/2.8051 71.500/2.8150	84.550/3.3287 84.800/3.3386		2.50/.098	F817 8307T IH	

7 Engine				Year	Cyl	Bore x Stroke	7		
M13A 1328cc Inline4 DOHC 4v				10/2000 - On	L4	78.0mm x 69.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>4B8441A</b> STD, .25			45.000/1.7717 45.020/1.7724	1.493/.0588	16.00/.630	F810	8441A IH		
<b>MAINS</b>									
<b>5M8444A</b> STD, .25	1,2,3,4,5			2.000/.0787	18.00/.709	F810	8444A UL		
<b>THRUST</b>									
<b>1T8443</b> STD			75.000/2.9528		2.52/.099	F817	8443T UL		
<b>CAMS</b>									
<b>2C8446A</b> STD				1.518/.0598	27.50/1.083	F820	8447A		
				1.518/.0598	27.50/1.083	F820	8446A		
8 Engine				Year	Cyl	Bore x Stroke	8		
H25A 2495cc V6 DOHC 4v				04/1998 - On	V6	84.0mm x 75.0mm			
H27A 2736cc V6 DOHC 4v				07/2001 - On	V6	88.0mm x 75.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>6B8306A</b> STD, .25, .50, .75, 1.00		49.982/1.9678 50.000/1.9685	53.000/2.0866 53.018/2.0873	1.490/.0587	16.13/.635	F810	8306A IH		
<b>MAINS</b>									
<b>4M8545A</b> STD, .25, .50, .75, 1.00	1,2,3,4	64.980/2.5583 65.000/2.5591	70.000/2.7559 70.020/2.7567	2.496/.0983	19.10/.752	F810	8545A UL		
<b>THRUST</b>									
<b>1T8307</b> STD		71.250/2.8051 71.500/2.8150	84.550/3.3287 84.800/3.3386		2.50/.098	F817	8307T IH		
9 Engine				Year	Cyl	Bore x Stroke	9		
F6A 657cc Inline3 SOHC 4v				03/1990 - 12/2000	L3	65.0mm x 66.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>3B8540A</b> STD, .25, .50, .75, 1.00		35.980/1.4165 36.000/1.4173	39.000/1.5354 39.020/1.5362	1.490/.0587	16.10/.634	F810	8540A IH		
<b>MAINS</b>									
<b>4M8542A</b> STD, .25, .50, .75, 1.00	1,2,3,4	43.980/1.7315 44.000/1.7323	48.000/1.8898 48.020/1.8905	1.991/.0784	17.10/.673	F810	8542A IH		
<b>THRUST</b>									
<b>1T8337</b> STD		52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH		
10 Engine				Year	Cyl	Bore x Stroke	10		
F5AT 543cc Inline3 OHV 2v Turbo				01/1979 - 12/1989	L3	62.0mm x 60.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>3B1266A</b> STD, .25, .50, .75, 1.00		= 3B8341A		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
<b>MAINS</b>									
<b>4M8355A</b> STD, .25, .50, .75, 1.00	1,2,3,4	39.980/1.5740 40.000/1.5748	44.000/1.7323 44.020/1.7331	1.990/.0783	17.00/.669	F810	8355A IH		
<b>THRUST</b>									
<b>1T8355</b> STD	3	47.000/1.8504 47.250/1.8602	63.000/2.4803 63.250/2.4902		2.52/.099	F817	8355T		





10 Continued ...								10
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b> <i>Set of 3.</i>								
<b>3RB4075</b> UNB		15.970/.6287 15.970/.6287	18.000/.7087 18.020/.7094	1.200/.0472	21.50/.847	F100	3RB4075	
<b>PISTON PIN BUSH</b> <i>Single piece. Bush has 3 holes.</i>								
<b>RB4075</b> UNB		15.970/.6287 15.970/.6287	18.000/.7087 18.020/.7094	1.200/.0472	21.75/.856	F100	RB4075	
11 Engine				Year	Cyl	Bore x Stroke	11	
G15A 1493cc Inline4 SOHC 2v				07/1991 - On	L4	75.0mm x 84.5mm		
G16A 1590cc Inline4 SOHC 2v				05/1988 - 05/1999	L4	75.0mm x 90.0mm		
G16B 1590cc Inline4 SOHC 4v				01/1989 - On	L4	75.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B8340A</b> STD, .25, .50, .75, 1.00, 1.25		43.980/1.7315 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.495/.0589	18.10/.713	F810	8340A IH	
<b>MAINS</b>								
<b>5M8339A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	51.982/2.0465 52.000/2.0472	56.000/2.2047 56.018/2.2054	2.005/.0789	18.10/.713	F810	8339A UL	
<b>THRUST</b>								
<b>1T8339</b> STD		59.436/2.3400 59.690/2.3500	74.498/2.9330 74.752/2.9430		2.52/.099	F817	8339T U	
12 Engine				Year	Cyl	Bore x Stroke	12	
G10 993cc Inline3 OHV 2v				01/1984 - 01/1995	L3	74.0mm x 77.0mm		
G10A 993cc Inline3 SOHC 2v				09/1988 - 12/1996	L3	74.0mm x 77.0mm		
G10T 993cc Inline3 SOHC 2v Turbo				01/1985 - 12/1988	L3	74.0mm x 77.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>3B8336A</b> STD, .25, .50, .75, 1.00		41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F810	8336A IH	
<b>CONROD</b>								
<b>3B8336P</b> STD, .25, .50, .75, 1.00		41.982/1.6528 42.000/1.6535	44.998/1.7716 45.018/1.7724	1.490/.0587	18.13/.714	F780	8336 IH	
<b>MAINS</b>								
<b>4M8337A</b> STD, .25, .50, .75, 1.00	1,2,3,4	44.982/1.7709 44.994/1.7714	48.998/1.9291 49.018/1.9298	2.000/.0787	18.13/.714	F810	8337A UL	
<b>THRUST</b>								
<b>1T8337</b> STD		52.000/2.0472 52.250/2.0571	67.700/2.6653 67.900/2.6732		2.52/.099	F250	8337T IH	
13 Engine				Year	Cyl	Bore x Stroke	13	
F10A 970cc Inline4 OHV 2v				01/1981 - 07/2000	L4	65.5mm x 72.0mm		
F8A 797cc Inline4 SOHC 2v				11/1977 - 09/1988	L4	62.0mm x 66.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> = 4B8341A								
<b>4B1266A</b> STD, .25, .50, .75, 1.00		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH	
<b>MAINS</b>								
<b>5M8342A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.985/1.9679 50.000/1.9685	53.988/2.1255 54.008/2.1263	1.986/.0782	20.00/.787	F810	8342A IH	
<b>THRUST</b>								
<b>1T8342</b> STD		57.000/2.2441 57.250/2.2539	72.380/2.8496 72.630/2.8594		2.52/.099	F250	8342T U	
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3 holes.</i>								
<b>4RB4075</b> UNB		15.970/.6287 15.970/.6287	18.000/.7087 18.020/.7094	1.200/.0472	21.75/.856	F100	4RB4075	

13 Continued ...							13
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>		<i>Single piece. Bush has 3 holes.</i>					
<b>RB4075</b> UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.75/.856	F100	RB4075
		15.970/.6287	18.020/.7094				

14 Engine		Year	Cyl	Bore x Stroke	14		
F5A 543cc Inline3 OHV 2v		01/1978 - 10/1991	L3	62.0mm x 60.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>3B8358A</b> STD, .25, .50, .75	<b>CONROD</b>	31.980/1.2591	35.000/1.3780	1.490/.0587	16.10/.634	F810	8358A
		32.000/1.2598	35.020/1.3787				IH

<b>4M8355A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	39.980/1.5740	44.000/1.7323	1.990/.0783	17.00/.669	F810	8355A
	1,2,3,4	40.000/1.5748	44.020/1.7331				IH

<b>1T8355</b> STD	<b>THRUST</b>	47.000/1.8504	63.000/2.4803		2.52/.099	F817	8355T
	3	47.250/1.8602	63.250/2.4902				

<b>PISTON PIN BUSH</b>		<i>Set of 3.</i>					
<b>3RB4075</b> UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.50/.847	F100	3RB4075
		15.970/.6287	18.020/.7094				

<b>PISTON PIN BUSH</b>		<i>Single piece. Bush has 3 holes.</i>					
<b>RB4075</b> UNB		15.970/.6287	18.000/.7087	1.200/.0472	21.75/.856	F100	RB4075
		15.970/.6287	18.020/.7094				

15 Engine		Year	Cyl	Bore x Stroke	15		
H20A 1998cc V6 DOHC 4v		02/1993 - 04/1998	V6	78.0mm x 69.7mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>6B8306A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	49.982/1.9678	53.000/2.0866	1.490/.0587	16.13/.635	F810	8306A
		50.000/1.9685	53.018/2.0873				IH

<b>4M8307A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	57.982/2.2828	62.000/2.4409	2.003/.0789	19.12/.753	F810	8307A
	1,2,3,4	58.000/2.2835	62.018/2.4416				UL

<b>1T8307</b> STD	<b>THRUST</b>	71.250/2.8051	84.550/3.3287		2.50/.098	F817	8307T
		71.500/2.8150	84.800/3.3386				IH

16 Engine		Year	Cyl	Bore x Stroke	16		
G13B 1298cc Inline 4 DOHC 4v		08/1984 - On	L4	74.0mm x 75.5mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B8544A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>			1.490/.0587	18.10/.713	F810	8544A
							IH

<b>5M8337A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	44.982/1.7709	48.998/1.9291	2.000/.0787	18.13/.714	F810	8337A
	1,2,3,4,5	44.994/1.7714	49.018/1.9298				UL

<b>RACE SERIES</b> <b>5M8337H</b> STD, .25, .50	<b>MAINS</b>	44.982/1.7709	48.998/1.9291	2.000/.0787	18.13/.714	F780	8337H
	1,2,3,4,5	44.994/1.7714	49.018/1.9298				UL

<b>RACE SERIES</b> <b>5M8337HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	44.982/1.7709	48.998/1.9291	1.987/.0782	18.00/.709	F780	8337HX
		44.994/1.7714	49.018/1.9298				UL

<b>1T8337</b> STD	<b>THRUST</b>	52.000/2.0472	67.700/2.6653		2.52/.099	F250	8337T
		52.250/2.0571	67.900/2.6732				IH





17	Engine	Year	Cyl	Bore x Stroke	17		
	F8B 796cc Inline3 SOHC 2v	01/1980 - 12/1991	L3	68.5mm x 72.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	= 3B8341A					
<b>3B1266A</b> STD, .25, .50, .75, 1.00		37.982/1.4954 38.000/1.4961	40.998/1.6141 41.017/1.6148	1.490/.0587	18.00/.709	F810	1266A IH
	<b>MAINS</b>						
<b>4M8338A</b> STD, .25, .50, .75	1,2,3,4	49.985/1.9679 50.000/1.9685	54.000/2.1260 54.018/2.1267	1.991/.0784	17.10/.673	F810	8338A IH
	<b>THRUST</b>						
<b>1T8342</b> STD		57.000/2.2441 57.250/2.2539	72.380/2.8496 72.630/2.8594		2.52/.099	F250	8342T U
	<b>PISTON PIN BUSH</b>	Set of 3.					
<b>3RB4075</b> UNB		15.970/.6287 15.970/.6287	18.000/.7087 18.020/.7094	1.200/.0472	21.50/.847	F100	3RB4075
	<b>PISTON PIN BUSH</b>	Single piece. Bush has 3 holes.					
<b>RB4075</b> UNB		15.970/.6287 15.970/.6287	18.000/.7087 18.020/.7094	1.200/.0472	21.75/.856	F100	RB4075

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2K 993cc Inline4 OHV 2v	04/1969 - 09/1986	L4	993	60	71
1KR-FE 996cc Inline3 DOHC 4v	07/2005 - On	L4	996	60	38
1SZ-FE 998cc Inline4 DOHC 4v	10/1998 - 07/2005	L4	998	60	40
1E 999cc Inline4 SOHC 3v	10/1984 - 12/1994	L4	999	60	74
K 1077cc Inline4 SOHC 2v	01/1966 - 12/1978	L4	1077	65	79
3K 1166cc Inline4 OHV 2v	01/1966 - 12/1988	L4	1166	71	71
4K 1290cc Inline4 OHV 2v	02/1978 - 08/1990	L4	1290	78	71
4K-C 1290cc Inline4 OHV 2v	01/1981 - 08/1982	L4	1290	78	79
4K-E 1290cc Inline4 OHV 2v	01/1983 - 12/1984	L4	1290	78	14
2E 1295cc Inline4 SOHC 3v	10/1984 - 12/1998	L4	1295	79	74
2SZ-FE 1297cc Inline4 DOHC 4v	01/2002 - On	L4	1297	79	47
2A 1298cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	1298	79	78
2A-LC 1298cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	1298	79	2
2NZ-FE 1299cc Inline4 DOHC 4v	09/1999 - On	L4	1299	79	57
4E-FE 1332cc Inline4 DOHC 4v	01/1991 - 12/1999	L4	1332	81	74
3P 1345cc Inline4 2v	05/1967 - 08/1981	L4	1345	82	46
1ND-TV 1364cc Inline4 SOHC 2v Turbo Diesel	01/2002 - On	L4	1364	83	34
6A-FC 1397cc Inline4 DOHC 4v	01/1989 - 12/1992	L4	1397	85	2
4ZZ-FE 1398cc Inline4 DOHC 4v	01/2003 - On	L4	1398	85	60
T 1407cc Inline4 OHV 2v	01/1970 - 12/1979	L4	1407	85	15
1A 1452cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	1452	88	91
3A 1452cc Inline4 SOHC 2v	01/1979 - 12/1989	L4	1452	88	78
3A-C 1452cc Inline4 SOHC 2v	01/1979 - 12/1988	L4	1452	88	78
3A-U 1452cc Inline4 SOHC 2v	01/1979 - 12/1990	L4	1452	88	78
1A-C 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	1453	88	91
1A-U 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	1453	88	91
1N 1453cc Inline4 SOHC 2v Diesel	12/1986 - 07/1999	L4	1453	88	45
1N-T 1453cc Inline4 SOHC 2v Turbo Diesel	05/1988 - 07/1999	L4	1453	88	45
3E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	1456	88	13
3E-E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	1456	88	13
3E-TE 1456cc Inline4 SOHC 3v Turbo	01/1987 - 12/1994	L4	1456	88	13
5K 1486cc Inline4 OHV 2v	01/1983 - 03/1992	L4	1486	90	14
2R 1490cc Inline4 OHV 2v	01/1964 - 12/1971	L4	1490	90	81
4P 1493cc Inline4 2v	09/1971 - 08/1988	L4	1493	91	46
2NR-FE 1495cc Inline4 DOHC 4v	10/2010 - On	L4	1495	91	35
3SZ-VE 1495cc Inline4 DOHC 4v	11/2005 - On	L4	1495	91	36
5E-FE 1496cc Inline4 DOHC 4v	01/1991 - 12/1999	L4	1496	91	13
1NZ-FE 1497cc Inline4 DOHC 4v	09/1999 - On	L4	1497	91	57
1NZ-FXE 1497cc Inline4 DOHC 4v	10/2001 - On	L4	1497	91	57
5A-F 1498cc Inline4 DOHC 4v	01/1987 - 12/1990	L4	1498	91	2
5A-FE 1498cc Inline4 DOHC 4v	05/1987 - 12/2006	L4	1498	91	2
12R 1587cc Inline4 OHV 2v	09/1968 - 10/1988	L4	1587	96	81
4A-C 1587cc Inline4 SOHC 2v	01/1982 - 12/1989	L4	1587	96	78
4A-F 1587cc Inline4 DOHC 4v	09/1986 - 01/1996	L4	1587	96	2
4A-FE 1587cc Inline4 DOHC 4v	04/1988 - 11/1999	L4	1587	96	2
4A-GE (20v) 1587cc Inline4 DOHC 5v	01/1991 - 12/1995	L4	1587	96	32
4A-GE 1587cc Inline4 DOHC 4v	01/1985 - 08/1994	L4	1587	96	32
4A-GEC 1587cc Inline4 DOHC 4v	01/1985 - 12/1987	L4	1587	96	1
4A-GELC 1587cc Inline4 DOHC 4v	01/1985 - 12/1992	L4	1587	96	1
4A-GZE 1587cc Inline4 DOHC 4v Supercharged	05/1987 - 01/1989	L4	1587	96	32
4A-LC 1587cc Inline4 SOHC 2v	01/1985 - 05/1989	L4	1587	96	2
4R 1587cc Inline4 OHV 2v	01/1965 - 12/1968	L4	1587	96	81
12T 1588cc Inline4 OHV 2v	01/1976 - 12/1984	L4	1588	96	8
2T 1588cc Inline4 OHV 2v	01/1970 - 07/1980	L4	1588	96	15
2T-G 1588cc Inline4 DOHC 2v	01/1970 - 12/1985	L4	1588	96	16
2T-GEU 1588cc Inline4 DOHC 2v	01/1975 - 12/1981	L4	1588	96	103
7R 1591cc Inline4 OHV 2v	01/1968 - 12/1971	L4	1591	97	56
1ZR-FE 1598cc Inline4 DOHC 4v	01/2007 - On	L4	1598	97	26





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
3ZZ-FE 1598cc Inline4 DOHC 4v	01/2003 - On	L4	1598	97	60
1Y 1626cc Inline4 OHV 2v	11/1983 - 09/1989	L4	1626	99	77
6R 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	1707	104	56
6R-B 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	1707	104	56
7A-FE 1762cc Inline4 DOHC 4v	06/1992 - 12/2001	L4	1762	107	124
7K 1762cc Inline4 OHV 2v	01/1983 - 12/1998	L4	1762	107	29
7K-E 1762cc Inline4 OHV 2v	01/1997 - On	L4	1762	107	29
13T 1770cc Inline4 OHV 2v	11/1977 - 08/1985	L4	1770	108	8
3T 1770cc Inline4 OHV 2v	01/1979 - 12/1983	L4	1770	108	8
3T-C 1770cc Inline4 OHV 2v	01/1979 - 10/1983	L4	1770	108	8
3T-G 1770cc Inline4 DOHC 2v	01/1982 - 12/1985	L4	1770	108	18
3T-GTE 1770cc Inline4 DOHC 2v Turbo	09/1982 - 08/1985	L4	1770	108	19
1ZZ-FE 1794cc Inline4 DOHC 4v	01/1997 - 12/2007	L4	1794	109	58
2ZZ-GE 1796cc Inline4 DOHC 4v	11/1999 - 12/2010	L4	1796	109	59
2ZR-FE 1797cc Inline4 DOHC 4v	01/2007 - On	L4	1797	109	26
2ZR-FXE 1797cc Inline4 DOHC 4v	07/2009 - On	L4	1797	109	26
16R 1808cc Inline4 OHV 2v	08/1973 - 11/1982	L4	1808	110	90
2Y 1812cc Inline4 OHV 2v	01/1983 - On	L4	1812	110	77
1S 1832cc Inline4 SOHC 2v	01/1981 - 09/1989	L4	1832	111	116
4S-FE 1838cc Inline4 DOHC 4v	01/1989 - 12/1998	L4	1838	112	20
1C 1839cc Inline4 SOHC 2v Diesel	01/1981 - 12/1992	L4	1839	112	92
1C-T 1839cc Inline4 OHV 2v Turbo Diesel	08/1983 - 01/1985	L4	1839	112	93
8R 1858cc Inline4 SOHC 2v	01/1968 - 12/1973	L4	1858	113	56
8R-B 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	1858	113	56
8R-C 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	1858	113	56
3R 1897cc Inline4 OHV 2v	01/1960 - 12/1973	L4	1897	115	73
3R-B 1897cc Inline4 OHV 2v	01/1963 - 01/1968	L4	1897	115	24
3R-C 1897cc Inline4 OHV 2v	01/1965 - 12/1970	L4	1897	115	24
18R 1968cc Inline4 SOHC 2v	01/1967 - 11/1983	L4	1968	120	90
18R-G 1968cc Inline4 DOHC 2v	01/1971 - 11/1977	L4	1968	120	56
18R-GEU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	1968	120	9
18R-GU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	1968	120	9
21R 1972cc Inline4 SOHC 2v	01/1978 - 01/1983	L4	1972	120	111
21R-C 1972cc Inline4 SOHC 2v	01/1982 - 12/1985	L4	1972	120	112
21R-U 1972cc Inline4 SOHC 2v	01/1982 - 12/1988	L4	1972	120	112
2C 1974cc Inline4 SOHC 2v Diesel	01/1982 - 12/2004	L4	1974	120	12
2C-T 1974cc Inline4 SOHC 2v Turbo Diesel	01/1984 - 12/2000	L4	1974	120	12
3ZR-FAE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	1986	121	27
3ZR-FE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	1986	121	27
1G-EU 1988cc Inline6 SOHC 2v	01/1979 - 04/1988	L6	1988	121	43
1G-FE 1988cc Inline6 DOHC 4v	01/1988 - 12/2005	L6	1988	121	53
1G-GE 1988cc Inline6 DOHC 4v	05/1988 - 12/1993	L6	1988	121	44
1G-GEU 1988cc Inline6 DOHC 4v	08/1982 - 04/1988	L6	1988	121	43
1G-GTE 1988cc Inline6 DOHC 4v Twin Turbo	01/1986 - 12/1992	L6	1988	121	62
3M 1988cc Inline6 DOHC 2v	01/1965 - 02/1971	L6	1988	121	70
M 1988cc Inline6 SOHC 2v	01/1965 - 08/1974	L6	1988	121	70
1VZ-FE 1992cc V6 DOHC 4v	01/1987 - 12/1993	V6	1992	121	23
5R 1994cc Inline4 OHV 2v	01/1967 - 12/1983	L4	1994	121	68
1CD-FTV 1995cc Inline 4 DOHC 4v Turbo Diesel	08/1999 - 12/2008	L4	1995	121	39
2S,2S-E 1995cc Inline4 SOHC 2v	01/1982 - 12/1987	L4	1995	121	102
1AZ-FE 1998cc Inline4 DOHC 4v	07/2000 - On	L4	1998	121	25
1RZ 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	1998	121	101
1RZ-E 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	1998	121	101
1TR-FE 1998cc Inline4 DOHC 4v	01/2004 - On	L4	1998	121	6
3S-FC 1998cc Inline4 DOHC 4v	01/1985 - 02/1993	L4	1998	121	85
3S-FE 1998cc Inline4 DOHC 4v	01/1986 - 12/2002	L4	1998	121	86
3S-GE 1998cc Inline4 DOHC 4v	10/1985 - 09/1999	L4	1998	121	82
3S-GTE 1998cc Inline4 DOHC 4v Turbo	05/1985 - 10/1995	L4	1998	121	82



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
3Y,3YC 1998cc Inline4 OHV 2v	10/1978 - 11/1997	L4	1998	121	77
4U-GSE (FA20) 1998cc Flat4 DOHC 4v	07/2012 - On	H4	1998	121	33
5S-FE 2164cc Inline4 DOHC 4v	01/1989 - 12/2009	L4	2164	132	69
3C-TE 2184cc Inline4 SOHC 2v Turbo Diesel	01/1991 - 12/1998	L4	2184	133	63
L 2188cc Inline4 SOHC 2v Diesel	01/1978 - 08/1988	L4	2188	133	118
20R 2189cc Inline4 SOHC 2v	01/1973 - 04/1982	L4	2189	133	110
4Y 2237cc Inline4 OHV 2v	10/1978 - 07/1998	L4	2237	136	77
4Y-EC 2237cc Inline4 OHV 2v	01/1986 - 12/1996	L4	2237	136	77
2M 2253cc Inline6 SOHC 2v	01/1965 - 12/1975	L6	2253	137	70
J 2336cc Inline4 SOHC 2v Diesel	01/1965 - 12/1970	L4	2336	142	119
2AZ-FE 2362cc Inline4 DOHC 4v	06/2000 - On	L4	2362	144	25
2AZ-FXE 2362cc Inline4 DOHC 4v	01/2007 - On	L4	2362	144	25
22R 2366cc Inline4 SOHC 2v	01/1980 - 07/1996	L4	2366	144	113
22R-E 2367cc Inline4 SOHC 2v	08/1982 - 12/1997	L4	2367	144	114
22R-TEC 2367cc Inline4 SOHC 2v Turbo	11/1984 - 12/1988	L4	2367	144	115
2RZ 2438cc Inline4 SOHC 2v	08/1989 - 09/1998	L4	2438	148	101
2RZ-E 2438cc Inline4 SOHC 2v	01/1995 - 12/2004	L4	2438	148	11
2RZ-FE 2438cc Inline4 DOHC 4v	01/1995 - 12/2004	L4	2438	148	11
2TZ-FE 2438cc Inline4 DOHC 4v	01/1989 - 12/2000	L4	2438	148	17
2TZ-FZE 2438cc Inline4 DOHC 4v S/charged	01/1995 - 12/1997	L4	2438	148	17
2L 2446cc Inline4 SOHC 2v Diesel	02/1982 - 09/1997	L4	2446	149	104
2L-T 2446cc Inline4 SOHC 2v Diesel	08/1983 - 12/2000	L4	2446	149	100
2J 2481cc Inline4 OHV 2v Diesel	01/1968 - 12/1979	L4	2481	151	98
1DZ 2486cc (Forklift) Inline4 OHV 2v Diesel	01/1990 - On	L4	2486	151	42
1JZ-GE 2492cc Inline6 DOHC 4v	01/1990 - 12/2007	L6	2492	152	61
1JZ-GTE 2492cc Inline6 DOHC 4v Twin Turbo	01/1990 - 12/2007	L6	2492	152	61
2AR-FE 2494cc Inline4 DOHC 4v	01/2008 - On	L4	2494	152	37
2KD-FTV 2494cc Inline4 DOHC 4v Turbo Diesel	01/2001 - On	L4	2494	152	4
2MZ-FE 2496cc V6 DOHC 4v	01/1998 - 12/2006	V6	2496	152	10
4VZ-FE 2496cc V6 DOHC 4v	01/1993 - 12/1998	V6	2496	152	22
5GR-FE 2497cc V6 DOHC 4v	01/2005 - On	V6	2497	152	31
4GR-FSE 2499cc V6 DOHC 4v	01/2003 - On	V6	2499	152	31
2VZ-FE 2507cc V6 DOHC 4v	05/1987 - 12/1993	V6	2507	152	22
4M 2563cc Inline6 SOHC 2v	01/1971 - 12/1983	L6	2563	156	70
4M-E 2563cc Inline6 SOHC 2v	09/1978 - 08/1979	L6	2563	156	80
1AR-FE 2672cc Inline4 DOHC 4v	01/2008 - On	L4	2672	163	37
3RZ-FE 2693cc Inline4 DOHC 4v	07/1996 - 12/2004	L4	2693	164	84
2TR-FE 2694cc Inline4 DOHC 4v	01/2004 - On	L4	2694	164	7
5M 2759cc Inline6 SOHC 2v	01/1979 - 12/1984	L6	2759	168	65
5M-E 2759cc Inline6 SOHC 2v	01/1978 - 08/1990	L6	2759	168	65
5M-GE 2759cc Inline6 DOHC 2v	08/1980 - 12/1988	L6	2759	168	66
5P 2771cc Inline4 OHV 2v Diesel	01/1974 - 10/1985	L4	2771	169	67
3L 2779cc Inline4 SOHC 2v Diesel	08/1986 - 10/2001	L4	2779	169	64
1Z 2953cc (Forklift) Inline4 OHV 2v Diesel	01/1990 - On	L4	2953	180	48
6M-GE 2954cc Inline6 DOHC 2v	07/1983 - 12/1986	L6	2954	180	122
7M-GE 2954cc Inline6 DOHC 4v	01/1986 - 12/1993	L6	2954	180	123
7M-GTE 2954cc Inline6 DOHC 4v Turbo	10/1986 - 12/1993	L6	2954	180	122
5L,5L-E 2955cc Inline4 SOHC 2v Diesel	10/1997 - On	L4	2955	180	64
3VZ-FE 2958cc V6 DOHC 4v	02/1992 - 12/1997	V6	2958	180	76
3VZ-E 2959cc V6 SOHC 3v	01/1988 - 07/1996	V6	2959	180	75
11B 2977cc Inline4 OHV 2v Diesel	01/1985 - 12/1995	L4	2977	181	88
B 2977cc Inline4 OHV 2v Diesel	01/1972 - 12/1990	L4	2977	181	117
1KD-FTV 2982cc Inline4 DOHC 4v Turbo Diesel	01/2000 - On	L4	2982	181	4
1KZ-TE 2982cc Inline4 SOHC 2v Turbo Diesel	01/1993 - On	L4	2982	181	107
3GR-FE 2994cc V6 DOHC 4v	01/2003 - On	V6	2994	182	31
3GR-FSE 2994cc V6 DOHC 4v	01/2003 - On	V6	2994	182	31
1MZ-FE 2995cc V6 DOHC 4v	10/1995 - 12/2006	V6	2995	182	10
2JZ-GE 2997cc Inline6 DOHC 4v	01/1990 - 12/2006	L6	2997	182	61





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
2JZ-GTE 2997cc Inline6 DOHC 4v Twin Turbo	01/1993 - 12/2006	L6	2997	182	61
2B 3168cc Inline4 OHV 2v Diesel	08/1977 - 08/1983	L4	3168	193	99
3MZ-FE 3311cc V6 DOHC 4v	04/2003 - On	V6	3311	202	10
5VZ-FE 3378cc V6 DOHC 4v	08/1996 - 12/2004	V6	3378	206	21
13B 3431cc Inline4 OHV 2v Diesel	09/1984 - 02/1995	L4	3431	209	88
13BT 3431cc Inline4 OHV 2v Turbo Diesel	09/1984 - 12/1990	L4	3431	209	94
3B 3431cc Inline4 OHV 2v Diesel	01/1979 - 12/1992	L4	3431	209	83
2GR-FE 3456cc V6 DOHC 4v	01/2005 - On	V6	3456	210	28
2GR-FSE 3456cc V6 DOHC 4v	01/2005 - On	V6	3456	210	31
2Z 3469cc (Forklift) Inline4 OHV 2v Diesel	01/1994 - On	L4	3469	211	49
1PZ 3470cc Inline5 SOHC 2v Diesel	01/1988 - 02/1993	L5	3470	211	108
H 3576cc Inline6 OHV 2v Diesel	01/1969 - 03/1982	L6	3576	218	120
14B 3660cc Inline4 OHV 2v Diesel	09/1988 - On	L4	3660	223	87
14BT 3660cc Inline4 OHV 2v Turbo Diesel	10/1989 - 12/1990	L4	3660	223	3
F 3878cc Inline6 OHV 2v	01/1954 - 12/1974	L6	3878	236	125
3F 3955cc Inline6 OHV 2v	11/1984 - 12/1992	L6	3955	241	72
3F-E 3955cc Inline6 OHV 2v	01/1988 - 12/1992	L6	3955	241	72
1UZ-FE 3969cc V8 DOHC 4v	01/1990 - 11/2000	V8	3969	242	54
12HT 3980cc Inline6 OHV 2v Turbo Diesel	10/1985 - 10/1990	L6	3980	242	89
2H 3980cc Inline6 OHV 2v Diesel	05/1980 - 12/1990	L6	3980	242	97
1GR-FE 3995cc V6 DOHC 4v	02/2003 - On	V6	3995	243	52
1W 4009cc Inline4 OHV 2v Diesel	01/1983 - 12/1995	L4	4009	244	41
1HD-FT 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/1999	L6	4164	254	5
1HD-FTE 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/2007	L6	4164	254	5
1HD-T 4164cc Inline6 SOHC 2v Turbo Diesel	01/1988 - 12/1995	L6	4164	254	105
1HZ 4164cc Inline6 SOHC 2v Diesel	01/1988 - On	L6	4164	254	106
2F 4230cc Inline6 OHV 2v	01/1975 - 04/1990	L6	4230	258	96
3UZ-FE 4293cc V8 DOHC 4v	11/2000 - On	V8	4293	261	55
11Z 4429cc (Forklift) Inline6 OHV 2v Diesel	01/1990 - On	L6	4429	270	50
1VD-FTV 4461cc V8 DOHC 4v Turbo Diesel	03/2007 - On	V8	4461	272	30
1VD-FTV 4461cc V8 DOHC 4v Twin Turbo Diesel	09/2007 - On	V8	4461	272	30
1FZ-FE 4476cc Inline6 DOHC 4v	01/1990 - 12/2006	L6	4476	273	109
13Z 4616cc (Forklift) Inline6 OHV 2v Diesel	01/1996 - On	L6	4616	281	51
2UZ-FE 4664cc V8 DOHC 4v	03/1998 - On	V8	4664	284	55
D 5890cc 6 SOHC 2v Diesel	01/1964 - 12/1974	L6	5890	359	121
2D 6494cc Inline6 OHV 2v Diesel	01/1964 - 12/1978	L6	6494	396	95

1	Engine	Year	Cyl	Bore x Stroke	1
	4A-GEC 1587cc Inline4 DOHC 4v	01/1985 - 12/1987	L4	81.0mm x 77.0mm	
	4A-GELC 1587cc Inline4 DOHC 4v	01/1985 - 12/1992	L4	81.0mm x 87.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has right hand notch 2.95mm wide. Suits 40mm shaft.</i>							
<b>4B1710A</b> STD, .25, .50, .75, 1.00		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1710A
		40.000/1.5748	43.024/1.6939				IH
<b>CONROD</b>							
<b>4B1780A</b> STD, .25, .50, .75		41.985/1.6529	45.000/1.7717	1.490/.0587	17.10/.673	F810	1780A
		42.000/1.6535	45.024/1.7726				IH
<b>RACE SERIES CONROD</b> <i>Suits 42mm shaft.</i>							
<b>4B1780H</b> STD, .025, .25, .50		41.985/1.6529	45.000/1.7717	1.487/.0585	17.10/.673	F781	1780H
		42.000/1.6535	45.024/1.7726				IH
<b>RACE SERIES CONROD</b> <i>Suits 42mm shaft. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1780HX</b> STD		41.985/1.6529	45.000/1.7717	1.474/.0580	17.10/.673	F781	1780HX
		42.000/1.6535	45.024/1.7726				IH
<b>CONROD</b> <i>Suits 42mm shaft.</i>							
<b>4B1780P</b> STD, .25, .50, .75, 1.00		41.985/1.6529	45.000/1.7717	1.490/.0587	17.10/.673	F780	1780
		42.000/1.6535	45.024/1.7726				IH
<b>MAINS</b> <i>Half groove set.</i>							
<b>5M1695A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1695A
		48.000/1.8898	52.050/2.0492				L
		47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A
		48.000/1.8898	52.050/2.0492				U
<b>RACE SERIES MAINS</b>							
<b>5M1695H</b> STD, .025, .25, .50	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1695H
		48.000/1.8898	52.050/2.0492				L
		47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1704H
		48.000/1.8898	52.050/2.0492				U
<b>RACE SERIES MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1695HX</b> STD	1,2,3,4,5	47.985/1.8892	52.020/2.0480	1.988/.0783	19.90/.783	F780	1695HX
		48.000/1.8898	52.050/2.0492				L
		47.985/1.8892	52.020/2.0480	1.988/.0783	19.90/.783	F780	1704HX
		48.000/1.8898	52.050/2.0492				U
<b>THRUST</b>							
<b>2T1695</b> STD		53.500/2.1063	65.750/2.5886		2.49/.098	F817	1695T
		53.750/2.1161	66.000/2.5984				UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4246</b> UNB		19.900/.7835	22.000/.8661	1.030/.0406	22.00/.866	F100	4RB4246
		20.000/.7874	22.030/.8673				
<b>PISTON PIN BUSH</b> <i>Single piece.</i>							
<b>RB4246</b> UNB		19.900/.7835	22.000/.8661	1.030/.0406	22.00/.866	F100	RB4246
		20.000/.7874	22.030/.8673				

2	Engine	Year	Cyl	Bore x Stroke	2
	2A-LC 1298cc Inline4 SOHC 2v	01/1985 - 12/1989	L4	76.0mm x 71.4mm	
	4A-F 1587cc Inline4 DOHC 4v	09/1986 - 01/1996	L4	81.0mm x 77.0mm	
	4A-FE 1587cc Inline4 DOHC 4v	04/1988 - 11/1999	L4	81.0mm x 77.0mm	
	4A-LC 1587cc Inline4 SOHC 2v	01/1985 - 05/1989	L4	81.0mm x 77.0mm	
	5A-F 1498cc Inline4 DOHC 4v	01/1987 - 12/1990	L4	78.7mm x 77.0mm	
	5A-FE 1498cc Inline4 DOHC 4v	05/1987 - 12/2006	L4	78.7mm x 77.0mm	
	6A-FC 1397cc Inline4 DOHC 4v	01/1989 - 12/1992	L4	76.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has right hand notch 2.95mm wide. Suits 40mm shaft.</i>							
<b>4B1710A</b> STD, .25, .50, .75, 1.00		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1710A
		40.000/1.5748	43.024/1.6939				IH





2 Continued ...							2
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1695A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Half groove set.</i>					
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1695A L
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1704A U
<b>RACE SERIES</b> <b>5M1695H</b> STD, .025, .25, .50		<b>MAINS</b>					
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1695H L
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1704H U
<b>RACE SERIES</b> <b>5M1695HX</b> STD		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1695HX L
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1704HX U
<b>2T1695</b> STD		<b>THRUST</b>					
		53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984		2.49/.098	F817	1695T UL

3 Engine				Year	Cyl	Bore x Stroke	3
14BT 3660cc Inline4 OHV 2v Turbo Diesel				10/1989 - 12/1990	L4	102.0mm x 112.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8285A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Oil slot in bearing.</i>					
		60.985/2.4010 61.001/2.4016	64.000/2.5197 64.025/2.5207	1.485/.0585	30.00/1.181	F810	8285A IH
<b>5M8374A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Requires thrustwashers.</i>					
	1,2,3,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL
<b>2T8283</b> STD		<b>THRUST</b> <i>For Engines Equipped with Thrust Washers</i>					
		76.250/3.0020 76.500/3.0118	90.250/3.5531 90.500/3.5630		2.48/.098	F817	8283T UL
<b>5C8205</b> STD		<b>CAMS</b> <i>Suits from 09/1988 on.</i>					
	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/.0789	20.00/.787	F23	8207
	4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/.0839	20.00/.787	F23	8208
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/.0937	20.00/.787	F23	8209

4 Engine				Year	Cyl	Bore x Stroke	4
1KD-FTV 2982cc Inline4 DOHC 4v Turbo Diesel				01/2000 - On	L4	96.0mm x 103.0mm	
2KD-FTV 2494cc Inline4 DOHC 4v Turbo Diesel				01/2001 - On	L4	92.0mm x 93.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1850A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>					
		58.982/2.3221 59.000/2.3228	62.014/2.4415 62.032/2.4422	1.489/.0586	24.60/.969	F810	1850A IH
<b>5M1852A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b>					
	1,2,3,4,5	69.982/2.7552 70.000/2.7559	75.000/2.9528 75.018/2.9535	2.485/.0978	23.80/.937	F810	1852A UL
<b>2T1852</b> STD		<b>THRUST</b>					
		76.250/3.0020 76.500/3.0118	90.670/3.5697 90.920/3.5795		2.48/.098	F817	1852T UL



**4 Continued ... 4**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4. Has one oil hole.</i>							
<b>4RB4251</b> UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	4RB4251
<b>PISTON PIN BUSH</b> <i>Has one oil hole.</i>							
<b>RB4251</b> UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	RB4251

**5 Engine Year Cyl Bore x Stroke 5**

1HD-FT 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/1999	L6	94.0mm x 100.0mm
1HD-FTE 4164cc Inline6 SOHC 4v Turbo Diesel	01/1995 - 12/2007	L6	94.0mm x 100.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8396A</b> STD, .25, .50, .75, 1.00		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH
<b>RACE SERIES</b>							
<b>6B8396H</b> STD, .025, .25		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.489/.0586	23.55/.927	F781	8396H IH
<b>RACE SERIES</b>							
<b>6B8396HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.476/.0581	23.55/.927	F781	8396HX IH
<b>MAINS</b>							
<b>7M8397A</b> STD, .25, .50, .75	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	22.10/.870	F810	8397A UL
<b>RACE SERIES</b>							
<b>7M8397H</b> STD, .025, .25	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	22.10/.870	F780	8397H UL
<b>RACE SERIES</b>							
<b>7M8397HX</b> STD	1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		1.979/.0779	22.10/.870	F780	8397HX UL
<b>THRUST</b>							
<b>2T8397</b> STD		73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
<b>CAMS</b>							
<b>7C8252A</b> STD	1	34.960/1.3764 35.000/1.3780	38.000/1.4961 38.016/1.4967	1.504/.0592	29.00/1.142	F820	8252A IH
	2,3,4,5,6,7	27.980/1.1016 28.000/1.1024	31.000/1.2205 31.016/1.2211	1.504/.0592	20.00/.787	F820	8253A IH
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4243</b> UNB				1.530/.0602	30.50/1.201	F100	6RB4243
<b>PISTON PIN BUSH</b> <i>Single piece.</i>							
<b>RB4243</b> UNB				1.530/.0602	30.50/1.201	F100	RB4243

**6 Engine Year Cyl Bore x Stroke 6**

1TR-FE 1998cc Inline4 DOHC 4v	01/2004 - On	L4	86.0mm x 86.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8419A</b> STD, .25, .50, .75, 1.00		52.989/2.0862 53.002/2.0867	56.000/2.2047 56.020/2.2055	1.493/.0588	15.60/.614	F810	8419A IH
<b>MAINS</b>							
<b>5M8423A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	59.987/2.3617 60.000/2.3622	64.004/2.5198 64.022/2.5205	1.995/.0785	21.00/.827	F810	8423A UL
<b>THRUST</b>							
<b>2T8423</b> STD, .25		65.000/2.5591 65.250/2.5689	80.550/3.1713 80.800/3.1811		2.49/.098	F817	8423T UL





7 Engine				Year	Cyl	Bore x Stroke	7
2TR-FE 2694cc Inline4 DOHC 4v				01/2004 - On	L4	95.0mm x 95.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8420A</b> STD, .25, .50, .75, 1.00, 1.25		52.989/2.0862	56.000/2.2047	1.493/.0588	15.60/.614	F810	8420A IH
		53.002/2.0867	56.020/2.2055				
<b>MAINS</b>							
<b>5M8423A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	59.987/2.3617	64.004/2.5198	1.995/.0785	21.00/.827	F810	8423A UL
		60.000/2.3622	64.022/2.5205				
<b>THRUST</b>							
<b>2T8423</b> STD, .25		65.000/2.5591	80.550/3.1713		2.49/.098	F817	8423T UL
		65.250/2.5689	80.800/3.1811				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4235</b> UNB			24.000/.9449	.980/.0386	20.40/.803	F100	4RB4235
<b>PISTON PIN BUSH</b> <i>Single Piece.</i>							
<b>RB4235</b> UNB			24.000/.9449	.980/.0386	20.40/.803	F100	RB4235

8 Engine				Year	Cyl	Bore x Stroke	8				
12T 1588cc Inline4 OHV 2v				01/1976 - 12/1984	L4	85.0mm x 70.0mm					
13T 1770cc Inline4 OHV 2v				11/1977 - 08/1985	L4	85.0mm x 78.0mm					
3T 1770cc Inline4 OHV 2v				01/1979 - 12/1983	L4	85.0mm x 78.0mm					
3T-C 1770cc Inline4 OHV 2v				01/1979 - 10/1983	L4	85.0mm x 78.0mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
<b>CONROD</b> <i>3mm oil hole at 39°, suits up to 8/1982.</i>											
<b>4B1686A</b> STD, 010, 020, 030, 040, 060.		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A IH				
		48.000/1.8898	51.024/2.0088								
<b>CONROD</b> <i>3mm oil hole at 28°, suits from 9/1982.</i>											
<b>4B1714A</b> STD, .25, .50, .75, 1.00		47.980/1.8890	51.000/2.0079	1.494/.0588	18.90/.744	F810	1714A IH				
		48.000/1.8898	51.020/2.0087								
<b>MAINS</b> <i>Suits from 09/1971.</i>											
<b>5M1689A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A IH				
		58.000/2.2835	62.024/2.4419								
<b>THRUST</b>											
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT UL				
		64.050/2.5216	76.000/2.9921								
<b>THRUST</b>											
<b>2T1689P</b> STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T UL				
		64.050/2.5216	76.000/2.9921								
<b>CAMS</b>											
<b>5C8186</b> STD	1	46.460/1.8291	50.010/1.9689	1.745/.0687	18.03/.710	F820	8186				
		46.475/1.8297	50.030/1.9697								
	2	46.210/1.8193	49.760/1.9591					1.745/.0687	16.00/.630	F820	8046
		46.225/1.8199	49.780/1.9598								
	3	45.960/1.8094	49.010/1.9295					1.495/.0589	18.00/.709	F820	8047
	45.975/1.8100	49.030/1.9303									
4	45.710/1.7996	49.260/1.9394	1.745/.0687	16.00/.630	F820	8189					
	45.725/1.8002	49.280/1.9402									
5	45.460/1.7898	49.510/1.9492	1.995/.0785	18.00/.709	F820	8049					
	45.475/1.7904	49.530/1.9500									

9	Engine	Year	Cyl	Bore x Stroke	9
	18R-GEU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	88.5mm x 80.0mm	
	18R-GU 1968cc Inline4 DOHC 2v	11/1977 - 12/1982	L4	88.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1701A</b> STD, 010, 020, 030, 040, 060		52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH
		53.000/2.0866	56.022/2.2056				
<b>MAINS</b> <i>Requires thrust washer.</i>							
<b>5M1699A</b> STD, 010, 020, 030, 040	1,2,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A IH
		60.000/2.3622	64.024/2.5206				
	3	59.976/2.3613	64.000/2.5197	2.000/.0787	27.94/1.100	F810	1699A IH
		60.000/2.3622	64.024/2.5206				
<b>THRUST</b> <i>1.99 mm thick.</i>							
<b>2T1703</b> STD		66.250/2.6083	79.750/3.1398		1.99/.078	F817	1703T UL
		66.500/2.6181	80.000/3.1496				
<b>CAMS</b>							
<b>4C8076</b> STD	1(L)	34.972/1.3768	38.014/1.4966	1.504/.0592	28.07/1.105	F820	8077A(L) L
		34.996/1.3778	38.038/1.4976				
	1(U)	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076 IH
		34.996/1.3778	38.038/1.4976				
	2,3,4	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076 IH
		34.996/1.3778	38.038/1.4976				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4028</b> UNB		21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	4RB4028
		22.000/.8661	24.021/.9457				
<b>PISTON PIN BUSH</b>							
<b>RB4028</b> UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

10	Engine	Year	Cyl	Bore x Stroke	10
	1MZ-FE 2995cc V6 DOHC 4v	10/1995 - 12/2006	V6	87.5mm x 83.0mm	
	2MZ-FE 2496cc V6 DOHC 4v	01/1998 - 12/2006	V6	87.5mm x 69.2mm	
	3MZ-FE 3311cc V6 DOHC 4v	04/2003 - On	V6	92.0mm x 83.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8381A</b> STD, .25, .50, .75, 1.00		52.992/2.0863	56.000/2.2047	1.484/.0584	16.00/.630	F810	8381A IH
		53.000/2.0866	56.020/2.2055				
<b>MAINS</b>							
<b>4M8379A</b> STD, .25, .50, .75	1,4	60.988/2.4011	66.000/2.5984	2.486/.0979	22.25/.876	F810	8383A UL
		61.000/2.4016	66.020/2.5992				
	2,3	60.988/2.4011	66.000/2.5984	2.486/.0979	19.00/.748	F810	8379A UL
		61.000/2.4016	66.020/2.5992				
<b>THRUST</b>							
<b>2T8379</b> STD		68.200/2.6850	83.700/3.2953		1.98/.078	F817	8379T UL
		68.450/2.6949	83.950/3.3051				
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4253</b> UNB			24.000/.9449	1.000/.0394	20.50/.807	F100	6RB4253
<b>PISTON PIN BUSH</b>							
<b>RB4253</b> UNB			24.000/.9449	1.000/.0394	20.50/.807	F100	RB4253



11	Engine	Year	Cyl	Bore x Stroke	11
	2RZ-E 2438cc Inline4 SOHC 2v	01/1995 - 12/2004	L4	95.0mm x 86.0mm	
	2RZ-FE 2438cc Inline4 DOHC 4v	01/1995 - 12/2004	L4	95.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits from 8/1993.</i>					
<b>4B8414A</b> STD, .25, .50, .75, 1.00		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8414A IH
	<b>MAINS</b>						
<b>5M8378A</b> STD, .25, .50, .75, 1.00	1,5	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	25.18/.991	F810	8378A UL
	2,3,4	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	23.15/.911	F810	8377A UL
	<b>THRUST</b>						
<b>2T8377</b> STD		65.250/2.5689 65.500/2.5787	89.750/3.5335 90.000/3.5433		2.49/.098	F817	8377T UL
	<b>PISTON PIN BUSH</b>						
<b>4RB4257</b>			27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	4RB4257
	<b>PISTON PIN BUSH</b>						
<b>RB4257</b> UNB			27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	RB4257

12	Engine	Year	Cyl	Bore x Stroke	12
	2C 1974cc Inline4 SOHC 2v Diesel	01/1982 - 12/2004	L4	86.0mm x 85.0mm	
	2C-T 1974cc Inline4 SOHC 2v Turbo Diesel	01/1984 - 12/2000	L4	86.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has left hand notch and is 23.70mm wide</i>					
<b>4B8370A</b> STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	23.70/.933	F810	8370A IH
	<b>CONROD</b>	<i>Has left hand notch and is 18.90mm wide</i>					
<b>4B8371A</b> STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	18.90/.744	F810	8371A IH
	<b>CONROD</b>	<i>Suits from 1996 on. Has right hand notch.</i>					
<b>4B8391A</b> STD, .25, .50		50.490/1.9878 50.500/1.9882	53.504/2.1065 53.520/2.1071	1.482/.0583	23.10/.909	F810	8391A IH
	<b>CONROD</b>	<i>Suits until 12/1995.</i>					
<b>4B8395A</b> STD, .25, .50, .75, 1.00		50.490/1.9878 50.500/1.9882	53.500/2.1063 53.520/2.1071	1.482/.0583	23.10/.909	F810	8395A IH
	<b>MAINS</b>	<i>Is 22mm wide. Suits until 08/1985.</i>					
<b>5M8372A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	22.00/.866	F810	8372A UL
	<b>MAINS</b>	<i>Is 20mm wide. Suits from 09/1985 to 08/1990.</i>					
<b>5M8373A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	20.00/.787	F810	8373A UL
	<b>MAINS</b>	<i>Suits from 09/1990.</i>					
<b>5M8399A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	22.00/.866	F810	8399A UL
	<b>THRUST</b>						
<b>2T8372</b> STD		63.000/2.4803 63.250/2.4902	76.550/3.0138 76.800/3.0236		2.72/.107	F817	8372T UL
	<b>PISTON PIN BUSH</b>	<i>Tapered bush. Set of 4.</i>					
<b>4RB4097</b> UNB		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.030/1.1823	1.630/.0642	28.00/1.102	F100	4RB4097
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4247</b> UNB			30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	4RB4247



**12 Continued ... 12**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Tapered Bush.</i>							
<b>RB4097</b> UNB		27.000/1.0630	30.000/1.1811	1.630/.0642	28.00/1.102	F100	RB4097
		27.012/1.0635	30.030/1.1823				
<b>PISTON PIN BUSH</b>							
<b>RB4247</b> UNB			30.000/1.1811	1.540/.0606	27.50/1.083	F100	RB4247
			30.030/1.1823				

**13 Engine Year Cyl Bore x Stroke 13**

3E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	73.0mm x 87.0mm
3E-E 1456cc Inline4 SOHC 3v	05/1986 - 12/1994	L4	73.0mm x 87.0mm
3E-TE 1456cc Inline4 SOHC 3v Turbo	01/1987 - 12/1994	L4	73.0mm x 87.0mm
5E-FE 1496cc Inline4 DOHC 4v	01/1991 - 12/1999	L4	74.0mm x 87.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B8380A</b> STD, .25, .50, .75, 1.00		42.985/1.6923	46.000/1.8110	1.492/.0587	15.10/.595	F810	8380A IH
		43.000/1.6929	46.020/1.8118				
<b>MAINS</b>							
<b>5M8382A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	49.985/1.9679	54.021/2.1268	2.000/.0787	16.00/.630	F810	8382A UL
		50.000/1.9685	54.041/2.1276				
<b>THRUST</b>							
<b>2T8382</b> STD		55.560/2.1874	67.560/2.6598		2.48/.098	F817	8382T UL
		55.820/2.1976	67.820/2.6701				

**14 Engine Year Cyl Bore x Stroke 14**

4K-E 1290cc Inline4 OHV 2v	01/1983 - 12/1984	L4	75.0mm x 73.0mm
5K 1486cc Inline4 OHV 2v	01/1983 - 03/1992	L4	80.5mm x 73.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1101A</b> STD, .25, .50, .75, 1.00, 1.25		41.976/1.6526	44.999/1.7716	1.496/.0589	18.90/.744	F810	1101A IH
		42.000/1.6535	45.024/1.7726				
<b>MAINS</b> <i>Half grooved bearing set, with upper &amp; lower.</i>							
<b>5M1103A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1102A U
		50.000/1.9685	54.028/2.1271				
	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1103A L
		50.000/1.9685	54.028/2.1271				
<b>THRUST</b>							
<b>2T8062</b> STD		55.560/2.1874	67.560/2.6598		2.49/.098	F817	8062T UL
		55.820/2.1976	67.820/2.6701				
<b>CAMS</b>							
<b>4C8066</b> STD	1	43.209/1.7011	48.000/1.8898	2.385/.0939	17.90/.705	F23	8066
		43.225/1.7018	48.025/1.8907				
	2	42.959/1.6913	47.500/1.8701	2.260/.0890	17.90/.705	F23	8067
		42.975/1.6919	47.525/1.8711				
	3	42.709/1.6815	47.000/1.8504	2.133/.0840	17.90/.705	F23	8068
		42.725/1.6821	47.025/1.8514				
	4	42.459/1.6716	46.500/1.8307	2.006/.0790	17.90/.705	F23	8069
		42.475/1.6722	46.525/1.8317				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4037</b> UNB		17.986/.7081	20.000/.7874	1.180/.0465	24.89/.980	F100	4RB4037
		17.998/.7086	20.020/.7882				





15 Engine		Year	Cyl	Bore x Stroke	15		
2T 1588cc Inline4 OHV 2v		01/1970 - 07/1980	L4	85.0mm x 70.0mm			
T 1407cc Inline4 OHV 2v		01/1970 - 12/1979	L4	80.0mm x 70.0mm			
<i>Suits up to 08/1971.</i>							
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>3mm oil hole at 39°, suits up to 8/1982.</i>							
<b>4B1686A</b> STD, 010, 020, 030, 040, 060		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A IH
		48.000/1.8898	51.024/2.0088				
<b>MAINS</b> <i>Suits from 09/1971.</i>							
<b>5M1689A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A IH
		58.000/2.2835	62.024/2.4419				
<b>MAINS</b> <i>Suits up to 08/1971.</i>							
<b>5M1718A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.980/2.2827	62.000/2.4409	1.992/.0784	20.80/.819	F810	1718A UL
		58.000/2.2835	62.020/2.4417				
	3	57.980/2.2827	62.000/2.4409	1.992/.0784	30.93/1.218	F810	1719A(F) UL
<b>2T1689</b> STD, .125, .25, .50, .75	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT UL
		64.050/2.5216	76.000/2.9921				
<b>2T1689P</b> STD	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T UL
		64.050/2.5216	76.000/2.9921				
<b>CAMS</b>							
<b>5C8186</b> STD	1	46.460/1.8291	50.010/1.9689	1.745/.0687	18.03/.710	F820	8186
		46.475/1.8297	50.030/1.9697				
	2	46.210/1.8193	49.760/1.9591	1.745/.0687	16.00/.630	F820	8046
		46.225/1.8199	49.780/1.9598				
	3	45.960/1.8094	49.010/1.9295	1.495/.0589	18.00/.709	F820	8047
	45.975/1.8100	49.030/1.9303					
4	45.710/1.7996	49.260/1.9394	1.745/.0687	16.00/.630	F820	8189	
	45.725/1.8002	49.280/1.9402					
5	45.460/1.7898	49.510/1.9492	1.995/.0785	18.00/.709	F820	8049	
	45.475/1.7904	49.530/1.9500					

16 Engine		Year	Cyl	Bore x Stroke	16		
2T-G 1588cc Inline4 DOHC 2v		01/1970 - 12/1985	L4	85.0mm x 70.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>3mm oil hole at 39°, suits up to 8/1982.</i>							
<b>4B1686A</b> STD, 010, 020, 030, 040, 060		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A IH
		48.000/1.8898	51.024/2.0088				
<b>CONROD</b> <i>3mm oil hole at 28°, suits from 9/1982.</i>							
<b>4B1714A</b> STD, .25, .50, .75, 1.00		47.980/1.8890	51.000/2.0079	1.494/.0588	18.90/.744	F810	1714A IH
		48.000/1.8898	51.020/2.0087				
<b>MAINS</b> <i>Suits from 09/1971.</i>							
<b>5M1689A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A IH
		58.000/2.2835	62.024/2.4419				
<b>MAINS</b> <i>Suits up to 08/1971.</i>							
<b>5M1718A</b> STD, .25, .50, .75, 1.00	1,2,4,5	57.980/2.2827	62.000/2.4409	1.992/.0784	20.80/.819	F810	1718A UL
		58.000/2.2835	62.020/2.4417				
	3	57.980/2.2827	62.000/2.4409	1.992/.0784	30.93/1.218	F810	1719A(F) UL
<b>2T1689</b> STD, .125, .25, .50, .75	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT UL
		64.050/2.5216	76.000/2.9921				
<b>2T1689P</b> STD	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T UL
		64.050/2.5216	76.000/2.9921				

17	Engine	Year	Cyl	Bore x Stroke	17
	2TZ-FE 2438cc Inline4 DOHC 4v	01/1989 - 12/2000	L4	95.0mm x 86.0mm	
	2TZ-FZE 2438cc Inline4 DOHC 4v S/charged	01/1995 - 12/1997	L4	95.0mm x 86.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Suits until 07/1993.</i>					
<b>4B8376A</b> STD, .25, .50, .75, 1.00		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8376A IH
	<b>MAINS</b>						
<b>5M8378A</b> STD, .25, .50, .75, 1.00	1,5	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	25.18/.991	F810	8378A UL
	2,3,4	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	23.15/.911	F810	8377A UL
	<b>THRUST</b>						
<b>2T8377</b> STD		65.250/2.5689 65.500/2.5787	89.750/3.5335 90.000/3.5433		2.49/.098	F817	8377T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4238</b> UNB		24.000/.9449	27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	4RB4238
	<b>PISTON PIN BUSH</b>	<i>Single piece.</i>					
<b>RB4238</b> UNB		24.000/.9449	27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	RB4238

18	Engine	Year	Cyl	Bore x Stroke	18
	3T-G 1770cc Inline4 DOHC 2v	01/1982 - 12/1985	L4	85.0mm x 78.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>3mm oil hole at 39°, suits up to 8/1982.</i>					
<b>4B1686A</b> STD, 010, 020, 030, 040, 060		47.976/1.8888 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.488/.0586	19.84/.781	F810	1686A IH
	<b>CONROD</b>	<i>3mm oil hole at 28°, suits from 9/1982.</i>					
<b>4B1714A</b> STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.494/.0588	18.90/.744	F810	1714A IH
	<b>MAINS</b>						
<b>5M1715A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	57.976/2.2825 58.000/2.2835	62.000/2.4409 62.024/2.4419	1.991/.0784	20.80/.819	F810	1715A IH
	<b>THRUST</b>						
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL
	<b>THRUST</b>						
<b>2T1689P</b> STD		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL

19	Engine	Year	Cyl	Bore x Stroke	19
	3T-GTE 1770cc Inline4 DOHC 2v Turbo	09/1982 - 08/1985	L4	85.0mm x 78.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>3mm oil hole at 28°, suits from 9/1982.</i>					
<b>4B1714A</b> STD, .25, .50, .75, 1.00		47.980/1.8890 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.494/.0588	18.90/.744	F810	1714A IH
	<b>MAINS</b>						
<b>5M1715A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	57.976/2.2825 58.000/2.2835	62.000/2.4409 62.024/2.4419	1.991/.0784	20.80/.819	F810	1715A IH
	<b>THRUST</b>						
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL
	<b>THRUST</b>						
<b>2T1689P</b> STD		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL





20 Engine		Year	Cyl	Bore x Stroke	20		
4S-FE 1838cc Inline4 DOHC 4v		01/1989 - 12/1998	L4	82.5mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>For engines with 52mm shaft.</i>							
<b>4B8365A</b> STD, .25, .50, .75, 1.00		51.985/2.0466	55.000/2.1654	1.493/.0588	20.50/.807	F810	8365A
		52.000/2.0472	55.024/2.1663				IH
<b>MAINS</b>							
<b>5M8361A</b> STD, .25, .50, .75	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
<b>RACE SERIES</b>							
<b>5M8361H</b> STD, .025, .25, .50	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
<b>RACE SERIES</b>							
<b>5M8361HX</b> STD	1,2,4,5	54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
<b>THRUST</b>							
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
<b>THRUST</b>							
<b>2T1689P</b> STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4087</b> UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
<b>PISTON PIN BUSH</b>							
<b>RB4087</b> UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

21 Engine		Year	Cyl	Bore x Stroke	21		
5VZ-FE 3378cc V6 DOHC 4v		08/1996 - 12/2004	V6	93.5mm x 82.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8061A</b> STD, .25, .50, .75, 1.00		54.987/2.1648	58.000/2.2835	1.488/.0586	17.00/.669	F810	8061A
		55.000/2.1654	58.024/2.2844				IH
<b>MAINS</b>							
<b>4M8070A</b> STD, .25, .50, .75, 1.00	1	63.985/2.5191	68.010/2.6776	1.993/.0785	22.00/.866	F810	8064A
		64.000/2.5197	68.028/2.6783				UL
	2,3,4	63.985/2.5191	68.010/2.6776	1.993/.0785	20.00/.787	F810	8070A
		64.000/2.5197	68.028/2.6783				UL
<b>THRUST</b>							
<b>2T8063</b> STD, .25		71.250/2.8051	86.250/3.3957		2.49/.098	F817	8063T
		71.500/2.8150	86.500/3.4055				UL
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4109</b> UNB		21.997/.8660	24.010/.9453	1.180/.0465	23.00/.906	F100	6RB4109
		22.009/.8665	24.030/.9461				
<b>PISTON PIN BUSH</b>							
<b>RB4109</b> UNB		21.997/.8660	24.010/.9453	1.180/.0465	23.00/.906	F100	RB4109
		22.009/.8665	24.030/.9461				

22 Engine		Year	Cyl	Bore x Stroke	22
2VZ-FE 2507cc V6 DOHC 4v		05/1987 - 12/1993	V6	87.5mm x 69.5mm	
4VZ-FE 2496cc V6 DOHC 4v		01/1993 - 12/1998	V6	87.5mm x 69.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8061A</b> STD, .25, .50, .75, 1.00		54.987/2.1648	58.000/2.2835	1.488/.0586	17.00/.669	F810	8061A
		55.000/2.1654	58.024/2.2844				IH
<b>MAINS</b>							
<b>4M8063A</b> STD, .25, .50, .75, 1.00	1	63.985/2.5191	68.010/2.6776	1.993/.0785	22.00/.866	F810	8064A
		64.000/2.5197	68.028/2.6783				UL
	2,3,4	63.985/2.5191	68.010/2.6776	1.993/.0785	20.00/.787	F810	8063A
		64.000/2.5197	68.028/2.6783				UL
<b>THRUST</b>							
<b>2T8063</b> STD, .25		71.250/2.8051	86.250/3.3957		2.49/.098	F817	8063T
		71.500/2.8150	86.500/3.4055				UL

23 Engine		Year	Cyl	Bore x Stroke	23
1VZ-FE 1992cc V6 DOHC 4v		01/1987 - 12/1993	V6	78.0mm x 69.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8040A</b> STD, .25, .50		47.986/1.8892	51.000/2.0079	1.488/.0586	17.00/.669	F810	8040A
		48.000/1.8898	51.024/2.0088				IH
<b>MAINS</b>							
<b>4M8063A</b> STD, .25, .50, .75, 1.00	1	63.985/2.5191	68.010/2.6776	1.993/.0785	22.00/.866	F810	8064A
		64.000/2.5197	68.028/2.6783				UL
	2,3,4	63.985/2.5191	68.010/2.6776	1.993/.0785	20.00/.787	F810	8063A
		64.000/2.5197	68.028/2.6783				UL
<b>THRUST</b>							
<b>2T8063</b> STD, .25		71.250/2.8051	86.250/3.3957		2.49/.098	F817	8063T
		71.500/2.8150	86.500/3.4055				UL

24 Engine		Year	Cyl	Bore x Stroke	24
3R-B 1897cc Inline4 OHV 2v		01/1963 - 01/1968	L4	88.0mm x 78.0mm	
3R-C 1897cc Inline4 OHV 2v		01/1965 - 12/1970	L4	88.0mm x 79.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2986P</b> STD, 010, 020, 030, 040		54.985/2.1648	58.025/2.2844	1.499/.0590	30.98/1.220	F780	2986
		55.000/2.1654	58.045/2.2852				UL
<b>MAINS</b>							
<b>3M2987A</b> STD, 010, 020, 030, 040	1	<i>Suits until 12/1968.</i>		2.489/.0980	27.99/1.102	F810	2987A
		59.985/2.3616	65.010/2.5594				UL
		60.000/2.3622	65.040/2.5606				UL
	2	59.985/2.3616	65.010/2.5594	2.489/.0980	35.99/1.417	F810	2988A
		60.000/2.3622	65.040/2.5606				UL
	3	59.985/2.3616	65.010/2.5594	2.489/.0980	40.00/1.575	F810	2989A
	60.000/2.3622	65.040/2.5606				UL	
<b>THRUST</b>							
<b>2T7962</b> STD		<i>2.97 mm Thick.</i>			2.98/.117	F817	7962T
		65.500/2.5787	79.750/3.1398				UL
		66.250/2.6083	80.000/3.1496				
<b>CAMS</b>							
<b>5C7969</b> STD	1	46.460/1.8291	50.000/1.9685	1.740/.0685	29.21/1.150	F23	7966
		46.475/1.8297	50.025/1.9695				
	2	46.210/1.8193	50.000/1.9685	1.867/.0735	20.19/.795	F23	7967
		46.225/1.8199	50.025/1.9695				
	3	45.960/1.8094	50.000/1.9685	1.994/.0785	46.28/1.822	F23	7968
		45.975/1.8100	50.025/1.9695				
	4	45.710/1.7996	50.000/1.9685	2.121/.0835	19.30/.760	F23	7969
		45.725/1.8002	50.025/1.9695				
	5	45.460/1.7898	50.000/1.9685	2.248/.0885	28.19/1.110	F23	7960
		45.475/1.7904	50.025/1.9695				





25	Engine	Year	Cyl	Bore x Stroke	25
	1AZ-FE 1998cc Inline4 DOHC 4v	07/2000 - On	L4	86.0mm x 86.0mm	
	2AZ-FE 2362cc Inline4 DOHC 4v	06/2000 - On	L4	88.5mm x 96.0mm	
	2AZ-FXE 2362cc Inline4 DOHC 4v	01/2007 - On	L4	88.5mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8411A</b> STD, .25, .50, .75, 1.00		47.990/1.8894	51.000/2.0079	1.490/.0587	15.60/.614	F810	8411A
		48.000/1.8898	51.020/2.0087				IH
<b>RACE SERIES</b>							
<b>4B8411H</b> STD, .025, .25		47.990/1.8894	51.000/2.0079	1.490/.0587	15.60/.614	F781	8411H
		48.000/1.8898	51.020/2.0087				IH
<b>RACE SERIES</b>							
<b>4B8411HX</b> STD		<i>0.001" extra oil clearance on STD journal.</i>		1.477/.0581	15.60/.614	F781	8411HX
		47.990/1.8894	51.000/2.0079				IH
		48.000/1.8898	51.020/2.0087				
<b>MAINS</b>							
<b>5M8412A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	54.988/2.1649	59.000/2.3228	1.996/.0786	17.00/.669	F810	8412A
		55.000/2.1654	59.016/2.3235				UL
<b>RACE SERIES</b>							
<b>5M8412H</b> STD, .025, .25	1,2,3,4,5	54.988/2.1649	59.000/2.3228	1.996/.0786	17.00/.669	F780	8412H
		55.000/2.1654	59.016/2.3235				UL
<b>RACE SERIES</b>							
<b>5M8412HX</b> STD	1,2,3,4,5	54.988/2.1649	59.000/2.3228	1.983/.0781	17.00/.669	F780	8412HX
		55.000/2.1654	59.016/2.3235				UL
<b>THRUST</b>							
<b>1T8412</b> STD		60.500/2.3819	77.750/3.0610		1.98/.078	F817	8412T
		60.750/2.3917	78.000/3.0709				U
<b>CAMS</b>							
<b>1C8415A</b> STD		35.971/1.4162	40.000/1.5748	2.004/.0789	22.60/.890	F810	8415A
		35.985/1.4167	40.025/1.5758				U
		35.971/1.4162	40.000/1.5748	2.004/.0789	23.60/.929	F810	8417A
		35.985/1.4167	40.025/1.5758				L
<b>BALANCE</b>							
<b>4BS8416A</b> STD		22.985/.9049	26.000/1.0236	1.498/.0590	22.10/.870	F810	8416A
		23.000/.9055	26.018/1.0243				IH

26	Engine	Year	Cyl	Bore x Stroke	26
	1ZR-FE 1598cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 78.5mm	
	2ZR-FE 1797cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 88.3mm	
	2ZR-FXE 1797cc Inline4 DOHC 4v	07/2009 - On	L4	80.5mm x 88.3mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8450A</b> STD, .25, .50, .75				1.493/.0588	14.50/.571	F810	8450A
							IH
<b>MAINS</b>							
<b>5M8458A</b> STD, .25, .50, .75	1,2,3,4,5			1.997/.0786	17.20/.677	F810	8458A
							UL
<b>THRUST</b>							
<b>1T1853</b> STD		53.600/2.1102	69.550/2.7382		2.48/.098	F817	1853T
		53.850/2.1201	69.800/2.7480				IH

27	Engine	Year	Cyl	Bore x Stroke	27
	3ZR-FAE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 97.6mm	
	3ZR-FE 1986cc Inline4 DOHC 4v	01/2007 - On	L4	80.5mm x 97.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8451A</b> STD, .25, .50, .75						F810	8451A
							IH



**27 Continued ... 27**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8458A</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,2,3,4,5			1.997/.0786	17.20/.677	F810	8458A UL
<b>1T1853</b> STD	<b>THRUST</b>						
		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH

**28 Engine Year Cyl Bore x Stroke 28**

<b>2GR-FE 3456cc V6 DOHC 4v</b>				01/2005 - On	V6	94.0mm x 83.0mm	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B8466A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No notch.</i>					
		52.980/2.0858 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.490/.0587	15.00/.591	F810	8466A IH
<b>RACE SERIES</b> <b>6B8466H</b> STD, .025, .25	<b>CONROD</b>	<i>No notch.</i>					
		52.980/2.0858 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.490/.0587	15.00/.591	F781	8466H IH
<b>RACE SERIES</b> <b>6B8466HX</b> STD	<b>CONROD</b>	<i>No notch. 0.001" extra oil clearance on STD journal.</i>					
		52.980/2.0858 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.477/.0581	15.00/.591	F781	8466HX IH
<b>4M8468A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,4		66.000/2.5984 66.020/2.5992	2.497/.0983	21.00/.827	F810	8468A UL
	2,3		66.000/2.5984 66.020/2.5992	2.497/.0983	18.00/.709	F810	8469A UL
<b>RACE SERIES</b> <b>4M8468H</b> STD, .025, .25	<b>MAINS</b>						
	1,4	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.497/.0983	21.00/.827	F780	8468H UL
	2,3	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.497/.0983	18.00/.709	F780	8469H UL
<b>RACE SERIES</b> <b>4M8468HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
	1,4	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.484/.0978	21.00/.827	F780	8468HX UL
	2,3	60.988/2.4011 61.000/2.4016	66.000/2.5984 66.020/2.5992	2.484/.0978	18.00/.709	F780	8469HX UL
<b>2T8468</b> STD	<b>THRUST</b>						
		68.050/2.6791 68.300/2.6890	91.450/3.6004 91.700/3.6102		2.44/.096	F817	8468T IH

**29 Engine Year Cyl Bore x Stroke 29**

<b>7K 1762cc Inline4 OHV 2v</b>				01/1983 - 12/1998	L4	81.0mm x 85.5mm	
<b>7K-E 1762cc Inline4 OHV 2v</b>				01/1997 - On	L4	81.0mm x 85.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1680A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>						
		47.988/1.8893 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.490/.0587	17.10/.673	F810	1680A IH
<b>5M1103A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Half grooved bearing set, with upper &amp; lower.</i>					
	1,2,3,4,5	49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/.0786	20.90/.823	F810	1102A U
	1,2,3,4,5	49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/.0786	20.90/.823	F810	1103A L
<b>2T8382</b> STD	<b>THRUST</b>						
		55.560/2.1874 55.820/2.1976	67.560/2.6598 67.820/2.6701		2.48/.098	F817	8382T UL
<b>4C8066</b> STD	<b>CAMS</b>						
	1	43.209/1.7011 43.225/1.7018	48.000/1.8898 48.025/1.8907	2.385/.0939	17.90/.705	F23	8066





29 Continued ...							29
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4C8066</b> STD	2	42.959/1.6913 42.975/1.6919	47.500/1.8701 47.525/1.8711	2.260/.0890	17.90/.705	F23	8067
	3	42.709/1.6815 42.725/1.6821	47.000/1.8504 47.025/1.8514	2.133/.0840	17.90/.705	F23	8068
	4	42.459/1.6716 42.475/1.6722	46.500/1.8307 46.525/1.8317	2.006/.0790	17.90/.705	F23	8069

30 Engine	Year	Cyl	Bore x Stroke	30
1VD-FTV 4461cc V8 DOHC 4v Turbo Diesel	03/2007 - On	V8	86.0mm x 96.0mm	
1VD-FTV 4461cc V8 DOHC 4v Twin Turbo Diesel	09/2007 - On	V8	86.0mm x 96.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>8B8250P</b> STD, .25, .50		54.982/2.1646 55.000/2.1654	58.000/2.2835 58.012/2.2839	1.490/.0587	17.50/.689	F781	8250 IH
	<b>MAINS</b>						
<b>5M8254P</b> STD, .25, .50	1,3	74.982/2.9520 75.000/2.9528	79.000/3.1102 79.020/3.1110	1.988/.0783	22.50/.886	F780	8255 UL
	2,4,5	74.982/2.9520 75.000/2.9528	79.000/3.1102 79.020/3.1110	1.988/.0783	20.50/.807	F780	8254 UL
	<b>THRUST</b>						
<b>1T8254</b> STD						F817	8254T
<b>PISTON PIN BUSH</b>							
<b>RB4143</b> UNB			32.000/1.2598 32.020/1.2606	1.800/.0709	24.50/.965	F100	RB4143

31 Engine	Year	Cyl	Bore x Stroke	31
2GR-FSE 3456cc V6 DOHC 4v	01/2005 - On	V6	94.0mm x 83.0mm	
3GR-FE 2994cc V6 DOHC 4v	01/2003 - On	V6	87.5mm x 83.0mm	
3GR-FSE 2994cc V6 DOHC 4v	01/2003 - On	V6	87.5mm x 83.0mm	
4GR-FSE 2499cc V6 DOHC 4v	01/2003 - On	V6	83.0mm x 77.0mm	
5GR-FE 2497cc V6 DOHC 4v	01/2005 - On	V6	87.5mm x 69.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>2T8468</b> STD		68.050/2.6791 68.300/2.6890	91.450/3.6004 91.700/3.6102		2.44/.096	F817	8468T IH

32 Engine	Year	Cyl	Bore x Stroke	32
4A-GE (20v) 1587cc Inline4 DOHC 5v	01/1991 - 12/1995	L4	81.0mm x 77.0mm	
4A-GE 1587cc Inline4 DOHC 4v	01/1985 - 08/1994	L4	81.0mm x 77.0mm	
4A-GZE 1587cc Inline4 DOHC 4v Supercharged	05/1987 - 01/1989	L4	81.0mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1780A</b> STD, .25, .50, .75		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.490/.0587	17.10/.673	F810	1780A IH
	<b>RACE SERIES</b>						
<b>4B1780H</b> STD, .025, .25, .50		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.487/.0585	17.10/.673	F781	1780H IH
	<b>RACE SERIES</b>						
<b>4B1780HX</b> STD		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.474/.0580	17.10/.673	F781	1780HX IH
	<b>CONROD</b>						
<b>4B1780P</b> STD, .25, .50, .75, 1.00		41.985/1.6529 42.000/1.6535	45.000/1.7717 45.024/1.7726	1.490/.0587	17.10/.673	F780	1780 IH

32 Continued ...								32	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>MAINS</b>		<i>Half groove set.</i>							
<b>5M1695A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1704A U		
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1695A L		
<b>RACE SERIES</b>		<b>MAINS</b>							
<b>5M1695H</b> STD, .025, .25, .50	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1695H L		
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1704H U		
<b>RACE SERIES</b>		<b>MAINS</b>							
<b>5M1695HX</b> STD	<i>0.001" extra oil clearance on STD journal.</i>								
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1695HX L		
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1704HX U		
<b>THRUST</b>									
<b>2T1695</b> STD	53.500/2.1063 53.750/2.1161		65.750/2.5886 66.000/2.5984		2.49/.098		F817	1695T UL	
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>						
<b>4RB4246</b> UNB	19.900/.7835 20.000/.7874		22.000/.8661 22.030/.8673		1.030/.0406		22.00/.866	F100	4RB4246
	<b>PISTON PIN BUSH</b>		<i>Single piece.</i>						
<b>RB4246</b> UNB	19.900/.7835 20.000/.7874		22.000/.8661 22.030/.8673		1.030/.0406		22.00/.866	F100	RB4246

33 Engine				Year	Cyl	Bore x Stroke	33		
4U-GSE (FA20) 1998cc Flat4 DOHC 4v				07/2012 - On	H4	86.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b>		<b>CONROD</b>							
<b>4B8310H</b> STD, .025, .25	<i>0.001" extra oil clearance on STD journal.</i>								
	49.976/1.9676 50.000/1.9685		53.000/2.0866 53.024/2.0876		1.504/.0592		15.60/.614	F781	8310H IH
<b>RACE SERIES</b>		<b>CONROD</b>							
<b>4B8310HX</b> STD	<i>0.001" extra oil clearance on STD journal.</i>								
	49.976/1.9676 50.000/1.9685		53.000/2.0866 53.024/2.0876		1.491/.0587		17.00/.669	F781	8310HX IH
<b>CONROD</b>									
<b>4B8310P</b> STD, .25, .50	49.976/1.9676 50.000/1.9685		53.000/2.0866 53.024/2.0876		1.504/.0592		15.50/.610	F780	8310 IH
	<b>MAINS</b>								
<b>5M8312A</b> STD, .25, .50									
						F810	8312A U		
						F810	8313A L		
						F810	8314A(F) U		

34 Engine				Year	Cyl	Bore x Stroke	34	
1ND-TV 1364cc Inline4 SOHC 2v Turbo Diesel				01/2002 - On	L4	73.0mm x 81.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>To suit 40mm Journal.</i>						
<b>4B8224A</b> STD, .25, .50, .75, 1.00, 1.25								
	43.000/1.6929 43.020/1.6937		47.000/1.8504 47.020/1.8512		1.495/.0589		13.63/.537	F810
<b>CONROD</b>		<i>To suit 44mm Journal.</i>						
<b>4B8225A</b> STD, .25, .50, .75, 1.00, 1.25								
	47.000/1.8504 47.020/1.8512		47.000/1.8504 47.020/1.8512		1.495/.0589		15.60/.614	F810
<b>MAINS</b>		<i>Same as 5M8214A but with no notch.</i>						
<b>5M8226A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	46.000/1.8110 46.012/1.8115	50.000/1.9685 50.016/1.9691	2.000/.0787	16.00/.630	F810	8226A UL	





34 Continued ...							34
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1T1853</b> STD	<b>THRUST</b>	53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH

35 Engine				Year	Cyl	Bore x Stroke	35
2NR-FE 1495cc Inline4 DOHC 4v				10/2010 - On	L4		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8402A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>			1.495/.0589	13.90/.547	F810	8402A IH
<b>5M8404A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5		52.000/2.0472	1.990/.0783	15.00/.591	F810	8404A UL
<b>5M8404A+2T</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Contains one set of 1T8404-STD for all sizes.</i>		68.000/2.6772	1.95/.077	F817	8404T U
<b>1T8404</b> STD	<b>THRUST</b>		68.000/2.6772	1.990/.0783	15.00/.591	F810	8404A UL
<b>1T8404</b> STD	<b>THRUST</b>		68.000/2.6772	1.95/.077	F817	F817	8404T U

36 Engine				Year	Cyl	Bore x Stroke	36
3SZ-VE 1495cc Inline4 DOHC 4v				11/2005 - On	L4	72.0mm x 91.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8436A</b> STD, .25, .50, .75	<b>CONROD</b>		45.000/1.7717 45.020/1.7724	1.492/.0587	13.00/.512	F810	8436A IH
<b>5M8438A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	45.989/1.8106 46.000/1.8110	50.000/1.9685 50.018/1.9692	1.992/.0784	14.90/.587	F810	8438A UL
<b>1T8438</b> STD	<b>THRUST</b>					F817	8438T U

37 Engine				Year	Cyl	Bore x Stroke	37
1AR-FE 2672cc Inline4 DOHC 4v				01/2008 - On	L4	90.0mm x 105.0mm	
2AR-FE 2494cc Inline4 DOHC 4v				01/2008 - On	L4	90.0mm x 98.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8428A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>			1.490/.0587	17.00/.669	F810	8428A IH
<b>5M8429A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5					F810	8429A UL
<b>1T8429</b> STD	<b>THRUST</b>		74.000/2.9134		1.98/.078	F817	8429T U

38 Engine				Year	Cyl	Bore x Stroke	38
1KR-FE 996cc Inline3 DOHC 4v				07/2005 - On	L4	71.0mm x 84.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3B8421A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		43.000/1.6929 43.020/1.6937	1.500/.0591	13.60/.535	F810	8421A IH

**38 Continued ... 38**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M8424A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4			1.995/.0785	14.90/.587	F810	8424A UL
<b>1T8424</b> STD	<b>THRUST</b>					F817	8424T IH

**39 Engine Year Cyl Bore x Stroke 39**  
1CD-FTV 1995cc Inline 4 DOHC 4v Turbo Diesel 08/1999 - 12/2008 L4 82.2mm x 94.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8407A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		53.500/2.1063 53.500/2.1063	1.480/.0583	21.10/.831	F810	8407A IH
<b>5M8409A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5			2.485/.0978	23.80/.937	F810	8409A UL

**40 Engine Year Cyl Bore x Stroke 40**  
1SZ-FE 998cc Inline4 DOHC 4v 10/1998 - 07/2005 L4 69.0mm x 66.7mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8155A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		38.000/1.4961 38.010/1.4965	1.494/.0588	13.00/.512	F810	8155A IH
<b>5M8184A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5		<i>Bearings have a notch and one oil hole.</i> 50.000/1.9685 50.020/1.9693	1.995/.0785	14.80/.583	F810	8184A UL
<b>5M8185A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5		<i>Bearings have no notch and two oil holes.</i> 50.000/1.9685 50.020/1.9693	1.995/.0785	14.80/.583	F810	8185A UL
<b>1T8126</b> STD	<b>THRUST</b>	52.250/2.0571 52.500/2.0669	62.750/2.4705 63.000/2.4803		1.99/.078	F817	8126T IH

**41 Engine Year Cyl Bore x Stroke 41**  
1W 4009cc Inline4 OHV 2v Diesel 01/1983 - 12/1995 L4 104.0mm x 118.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8435P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	61.940/2.4386 61.960/2.4394	65.985/2.5978 66.000/2.5984	1.997/.0786	28.13/1.108	F780	8435 UL
<b>5M8439P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	72.940/2.8716 72.960/2.8724		2.493/.0981	25.13/.989	F780	8439 IH
<b>2T8439</b> STD, .125, .25	<b>THRUST</b>		98.900/3.8937 99.000/3.8976		2.50/.098	F817	8439T UL
<b>3C8230A</b> STD	<b>CAMS</b>						
	1	56.950/2.2421 56.970/2.2429	60.000/2.3622 60.030/2.3634	1.500/.0591	27.00/1.063	F820	8230A
	2	56.750/2.2342 56.770/2.2350	59.800/2.3543 59.830/2.3555	1.500/.0591	27.00/1.063	F820	8231A
	3	56.550/2.2264 56.570/2.2272	59.600/2.3465 59.630/2.3476	1.500/.0591	27.00/1.063	F820	8232A
<b>4RB4256</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i> 34.990/1.3776 35.000/1.3780		2.040/.0803	38.00/1.496	F100	4RB4256



41 Continued ...							41
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4256</b> UNB		34.900/1.3740 35.000/1.3780	39.000/1.5354 39.030/1.5366	2.040/.0803	38.00/1.496	F100	RB4256

42 Engine		Year	Cyl	Bore x Stroke	42		
1DZ 2486cc (Forklift) Inline4 OHV 2v Diesel		01/1990 - On	L4	86.0mm x 107.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B8486A</b> STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.500/2.1063 53.520/2.1071	1.478/.0582	20.40/.803	F810	8486A IH
<b>MAINS</b> 16.3mm wide.							
<b>5M8487A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	64.990/2.5587 65.000/2.5591	69.000/2.7165 69.020/2.7173	1.983/.0781	16.30/.642	F810	8487A UL
<b>MAINS</b> 18.3mm wide.							
<b>5M8488A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5			1.983/.0781	18.30/.721	F810	8488A UL
<b>THRUST</b>							
<b>2T8397</b> STD		73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
<b>THRUST</b>							
<b>2T8488</b> STD					1.98/.078	F817	8488T UL
<b>CAMS</b>							
<b>3C8490A</b> STD	1	47.160/1.8567	51.000/2.0079 51.030/2.0091	1.900/.0748	23.00/.906	F820	8490A
	2	46.960/1.8488	50.800/2.0000 50.830/2.0012	1.900/.0748	20.00/.787	F820	8491A
	3	46.760/1.8409	51.000/2.0079 51.030/2.0091	2.100/.0827	20.00/.787	F820	8492A
<b>PISTON PIN BUSH</b> Set of 4.							
<b>4RB4258</b> UNB		30.000/1.1811 27.000/1.0630		1.530/.0602	27.30/1.075	F100	4RB4258
<b>PISTON PIN BUSH</b>							
<b>RB4258</b> UNB			30.000/1.1811 30.030/1.1823	1.530/.0602	27.30/1.075	F100	RB4258

43 Engine		Year	Cyl	Bore x Stroke	43		
1G-EU 1988cc Inline6 SOHC 2v		01/1979 - 04/1988	L6	75.0mm x 75.0mm			
1G-GEU 1988cc Inline6 DOHC 4v		08/1982 - 04/1988	L6	75.0mm x 75.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> To suit 42mm shaft, up to 7/1988.							
<b>6B8470A</b> STD, .25, .50, .75, 1.00		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.498/.0590	18.90/.744	F810	8470A IH
<b>MAINS</b> Suits up to 2/1985.							
<b>7M8474A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756	F810	8474A UL
<b>MAINS</b> Suits from 3/1985 on.							
<b>7M8475A</b> STD, .25, .50, .75, 1.00	1	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	22.20/.874	F810	8475A UL
	2,3,4,5,6,7	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756	F810	8474A UL
<b>THRUST</b>							
<b>2T8474</b> STD, .25	4	60.500/2.3819 60.750/2.3917	73.000/2.8740		1.99/.078	F817	8474T UL
<b>PISTON PIN BUSH</b> Set of 6. To suit 18mm shaft, up to 9/1985.							
<b>6RB4239</b> UNB		18.000/.7087 18.011/.7091	20.000/.7874 22.030/.8673	1.030/.0406	25.00/.984	F100	6RB4239



**43 Continued ... 43**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6RB4240</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6. To suit 22mm shaft, 10/1985-7/1988.</i>		24.000/.9449	1.030/.0406	20.30/.799	F100 6RB4240
<b>RB4239</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. To suit 18mm shaft, up to 9/1985.</i>		18.000/.7087 18.011/.7091	20.000/.7874 22.030/.8673	1.030/.0406	25.00/.984 F100 RB4239
<b>RB4240</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. To suit 22mm shaft, 10/1985-7/1988.</i>		24.000/.9449	1.030/.0406	20.30/.799	F100 RB4240

**44 Engine Year Cyl Bore x Stroke 44**  
 1G-GE 1988cc Inline6 DOHC 4v 05/1988 - 12/1993 L6 75.0mm x 75.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B8471A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To suit 44mm shaft, 8/1988 on</i>		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676 F810 8471A IH
<b>6B8471P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>To suit 44mm shaft, 8/1988 on.</i>		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676 F780 8471 IH
<b>7M8475A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Suits from 3/1985 on.</i>		1 54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	22.20/.874 F810 8475A UL
	2,3,4,5,6,7			54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756 F810 8474A UL
<b>2T8474</b> STD, .25	<b>THRUST</b>	4	60.500/2.3819 60.750/2.3917	73.000/2.8740		1.99/.078	F817 8474T UL
<b>6RB4241</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6. To suit 20mm shaft, 8/1988 on.</i>		19.980/.7866 20.000/.7874	22.000/.8661 22.030/.8673	1.030/.0406	23.30/.917 F100 6RB4241
<b>RB4241</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece. To suit 20mm shaft, 8/1988 on.</i>		22.000/.8661	1.030/.0406	23.30/.917	F100 RB4241

**45 Engine Year Cyl Bore x Stroke 45**  
 1N 1453cc Inline4 SOHC 2v Diesel 12/1986 - 07/1999 L4 74.0mm x 84.5mm  
 1N-T 1453cc Inline4 SOHC 2v Turbo Diesel 05/1988 - 07/1999 L4 74.0mm x 84.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8364A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	43.980/1.7315 44.000/1.7323	47.014/1.8509 47.040/1.8520	1.492/.0587	17.90/.705	F810	8364A IH
<b>5M8368A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,3,4,5 49.980/1.9677 50.000/1.9685	54.036/2.1274 54.060/2.1283	2.008/.0791	18.00/.709	F810	8368A UL
<b>2T8382</b> STD	<b>THRUST</b>	55.560/2.1874 55.820/2.1976	67.560/2.6598 67.820/2.6701		2.48/.098	F817	8382T UL
<b>4RB4254</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		26.500/1.0433 26.530/1.0445	1.540/.0606	23.50/.925	F100 4RB4254
<b>RB4254</b> UNB	<b>PISTON PIN BUSH</b>			26.500/1.0433 26.530/1.0445	1.540/.0606	23.50/.925	F100 RB4254





46	Engine	Year	Cyl	Bore x Stroke	46
	3P 1345cc Inline4 2v	05/1967 - 08/1981	L4	76.6mm x 73.0mm	
	4P 1493cc Inline4 2v	09/1971 - 08/1988	L4	76.6mm x 81.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B8479A</b> STD, .25, .50, .75, 1.00		46.970/1.8492	56.000/2.2047	1.504/.0592	23.00/.906	F810	8479A IH	
		47.000/1.8504	50.040/1.9701					
<b>5M8480A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	51.970/2.0461	56.000/2.2047	2.004/.0789	29.00/1.142	F810	8480A UL	
		52.000/2.0472	56.040/2.2063					
<b>2T8480</b> STD	THRUST	56.750/2.2342	69.500/2.7362		2.48/.098	F817	8480T UL	
		57.000/2.2441	69.750/2.7461					
<b>3C8482A</b> STD	CAMS	1	46.970/1.8492	51.000/2.0079	2.000/.0787	24.00/.945	F820	8482A
			46.975/1.8494	51.030/2.0091				
		2	46.770/1.8413	51.000/2.0079	2.100/.0827	20.00/.787	F820	8483A
			46.775/1.8415	51.030/2.0091				
3	46.570/1.8335	51.000/2.0079	2.200/.0866	24.00/.945	F820	8484A		
	46.575/1.8337	51.030/2.0091						
<b>4RB4255</b> UNB	PISTON PIN BUSH	Set of 4.		22.000/.8661	1.030/.0406	24.00/.945	F100	4RB4255
<b>RB4255</b> UNB	PISTON PIN BUSH			22.000/.8661	1.030/.0406	24.00/.945	F100	RB4255
				22.050/.8681				

47	Engine	Year	Cyl	Bore x Stroke	47
	2SZ-FE 1297cc Inline4 DOHC 4v	01/2002 - On	L4	72.0mm x 79.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Bearings have no notch and two oil holes.</i>							
<b>5M8185A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5		50.000/1.9685	1.995/.0785	14.80/.583	F810	8185A UL
			50.020/1.9693				
<b>1T8126</b> STD	THRUST	52.250/2.0571	62.750/2.4705		1.99/.078	F817	8126T IH
		52.500/2.0669	63.000/2.4803				

48	Engine	Year	Cyl	Bore x Stroke	48
	1Z 2953cc (Forklift) Inline4 OHV 2v Diesel	01/1990 - On	L4	96.0mm x 102.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8493A</b> STD, .25, .50, .75, 1.00		54.980/2.1646	58.000/2.2835	1.485/.0585	25.60/1.008	F810	8493A IH
		55.000/2.1654	58.020/2.2842				
<b>5M8494A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	73.990/2.9130	78.000/3.0709	1.985/.0781	25.60/1.008	F810	8494A UL
		74.000/2.9134	78.020/3.0716				
<b>2T8494</b> STD, .25, .50, .75	THRUST	82.000/3.2283	95.750/3.7697		2.48/.098	F817	8494T UL
		82.250/3.2382	96.000/3.7795				
<b>3C8448A</b> STD	CAMS	1	51.150/2.0138	2.000/.0787	22.00/.866	F820	8496A
			50.950/2.0059				
		3	50.750/1.9980	2.100/.0827	24.00/.945	F820	8449A
<b>3C8496A</b> STD	CAMS	1	51.150/2.0138	2.000/.0787	22.00/.866	F820	8496A

48 Continued ...							48	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>3C8496A</b> STD	2	50.950/2.0059		2.100/.0827	22.00/.866	F820	8497A	
	3	50.750/1.9980		2.300/.0906	24.00/.945	F820	8498A	
<b>4RB4259</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>	36.000/1.4173 36.030/1.4185		31.00/1.221	F100	4RB4259
	<b>PISTON PIN BUSH</b>			36.000/1.4173 36.030/1.4185	2.030/.0799	31.00/1.221	F100	RB4259

49 Engine				Year	Cyl	Bore x Stroke	49	
2Z 3469cc (Forklift) Inline4 OHV 2v Diesel				01/1994 - On	L4	98.0mm x 115.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8493A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	25.60/1.008	F810	8493A IH
	<b>5M8495A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>		73.990/2.9130 74.000/2.9134	78.000/3.0709 78.020/3.0716	1.985/.0781	22.50/.886	F810
<b>2T8494</b> STD, .25, .50, .75		<b>THRUST</b>		82.000/3.2283 82.250/3.2382	95.750/3.7697 96.000/3.7795		2.48/.098	F817

50 Engine				Year	Cyl	Bore x Stroke	50	
11Z 4429cc (Forklift) Inline6 OHV 2v Diesel				01/1990 - On	L6	96.0mm x 102.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B8493A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	25.60/1.008	F810	8493A IH
	<b>7M8494A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>		73.990/2.9130 74.000/2.9134	78.000/3.0709 78.020/3.0716	1.985/.0781	25.60/1.008	F810
<b>2T8494</b> STD, .25, .50, .75		<b>THRUST</b>		82.000/3.2283 82.250/3.2382	95.750/3.7697 96.000/3.7795		2.48/.098	F817
	<b>4C8499A</b> STD	<b>CAMS</b>						
1			51.350/2.0216		2.000/.0787	24.00/.945	F820	8499A
2			51.150/2.0138		2.000/.0787	22.00/.866	F820	8496A
3			50.950/2.0059		2.100/.0827	22.00/.866	F820	8497A
<b>6RB4259</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>	36.000/1.4173 36.030/1.4185	2.030/.0799	31.00/1.221	F100	6RB4259
	<b>PISTON PIN BUSH</b>			36.000/1.4173 36.030/1.4185	2.030/.0799	31.00/1.221	F100	RB4259



51	Engine	Year	Cyl	Bore x Stroke	51		
	13Z 4616cc (Forklift) Inline6 OHV 2v Diesel	01/1996 - On	L6	98.0mm x 115.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>6B8493A</b> STD, .25, .50, .75, 1.00		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	25.60/1.008	F810	8493A IH
	<b>MAINS</b>						
<b>7M8495A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6,7	73.990/2.9130 74.000/2.9134	78.000/3.0709 78.020/3.0716	1.985/.0781	22.50/.886	F810	8495A UL
52	Engine	Year	Cyl	Bore x Stroke	52		
	1GR-FE 3995cc V6 DOHC 4v	02/2003 - On	V6	94.0mm x 95.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>6B8262A</b> STD, .25, .50, .75, 1.00		55.992/2.2044 56.000/2.2047	59.000/2.3228 59.024/2.3238	1.492/.0587	16.00/.630	F810	8262A IH
	<b>MAINS</b>						
<b>4M8263A</b> STD, .25, .50, .75	1,4	71.988/2.8342 72.000/2.8346	77.000/3.0315 77.016/3.0321	2.497/.0983	22.40/.882	F810	8263A UL
	2,3	71.988/2.8342 72.000/2.8346	77.000/3.0315 77.016/3.0321	2.497/.0983	19.00/.748	F810	8264A UL
	<b>THRUST</b>						
<b>2T8263</b> STD	2	79.250/3.1201 79.500/3.1299	94.700/3.7283 94.950/3.7382		1.97/.078	F817	8263T UL
53	Engine	Year	Cyl	Bore x Stroke	53		
	1G-FE 1988cc Inline6 DOHC 4v	01/1988 - 12/2005	L6	75.0mm x 75.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>6B8470A</b> STD, .25, .50, .75, 1.00		<i>To suit 42mm shaft, up to 7/1988.</i>					
		41.980/1.6528 42.000/1.6535	45.000/1.7717 45.020/1.7724	1.498/.0590	18.90/.744	F810	8470A IH
	<b>CONROD</b>						
<b>6B8471A</b> STD, .25, .50, .75, 1.00		<i>To suit 44mm shaft, 8/1988 on</i>					
		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676	F810	8471A IH
	<b>CONROD</b>						
<b>6B8471P</b> STD, .25, .50, .75, 1.00		<i>To suit 44mm shaft, 8/1988 on.</i>					
		43.990/1.7319 44.000/1.7323	47.000/1.8504 47.020/1.8512	1.492/.0587	17.18/.676	F780	8471 IH
	<b>MAINS</b>						
<b>7M8475A</b> STD, .25, .50, .75, 1.00	1	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	22.20/.874	F810	8475A UL
	2,3,4,5,6,7	54.980/2.1646 55.000/2.1654	59.020/2.3236 59.040/2.3244	2.000/.0787	19.20/.756	F810	8474A UL
	<b>THRUST</b>						
<b>2T8474</b> STD, .25	4	60.500/2.3819 60.750/2.3917	73.000/2.8740		1.99/.078	F817	8474T UL
	<b>PISTON PIN BUSH</b>						
<b>6RB4240</b> UNB		<i>Set of 6. To suit 22mm shaft, 10/1985-7/1988.</i>					
			24.000/.9449	1.030/.0406	20.30/.799	F100	6RB4240
	<b>PISTON PIN BUSH</b>						
<b>6RB4241</b> UNB		<i>Set of 6. To suit 20mm shaft, 8/1988 on.</i>					
		19.980/.7866 20.000/.7874	22.000/.8661 22.030/.8673	1.030/.0406	23.30/.917	F100	6RB4241
	<b>PISTON PIN BUSH</b>						
<b>RB4240</b> UNB		<i>Single piece. To suit 22mm shaft, 10/1985-7/1988.</i>					
			24.000/.9449	1.030/.0406	20.30/.799	F100	RB4240
	<b>PISTON PIN BUSH</b>						
<b>RB4241</b> UNB		<i>Single piece. To suit 20mm shaft, 8/1988 on.</i>					
			22.000/.8661	1.030/.0406	23.30/.917	F100	RB4241



54 Engine		Year		Cyl	Bore x Stroke	54	
1UZ-FE 3969cc V8 DOHC 4v		01/1990 - 11/2000		V8	88.0mm x 83.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>8B8091H</b> STD, .025, .25, .50	<b>CONROD</b>	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F781	8091H IH
<b>RACE SERIES</b> <b>8B8091HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.483/.0584	19.50/.768	F781	8091HX IH
<b>8B8091P</b> STD, .25, .50	<b>CONROD</b>	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F780	8091 IH
<b>RACE SERIES</b> <b>5M8088H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.491/.0981	22.50/.886	F780	8088H UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	19.50/.768	F780	8089H UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	19.50/.768	F780	8089H UL
<b>RACE SERIES</b> <b>5M8088HX</b> STD	<b>MAINS</b>	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.478/.0976	22.50/.886	F780	8088HX UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	19.50/.768	F780	8089HX UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	19.50/.768	F780	8089HX UL
<b>5M8088P</b> STD, .25, .50	<b>MAINS</b>	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.496/.0983	22.50/.886	F780	8088 UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F780	8089 UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F780	8089 UL
<b>5M8092A</b> STD, .25, .50	<b>MAINS</b>	<i>This set has a notch, to suit 1UZ only.</i>		2.496/.0983	22.50/.886	F810	8092A UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F810	8093A UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F810	8093A UL
<b>2T8092</b> STD	<b>THRUST</b>	73.410/2.8902 73.850/2.9075	89.000/3.5039 89.300/3.5157		2.50/.098	F817	8092T UL
<b>8RB4237</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 8.</i>		24.000/.9449	1.230/.0484	F100	8RB4237
<b>RB4237</b> UNB	<b>PISTON PIN BUSH</b>			24.000/.9449	1.230/.0484	F100	RB4237

55 Engine		Year		Cyl	Bore x Stroke	55	
2UZ-FE 4664cc V8 DOHC 4v		03/1998 - On		V8			
3UZ-FE 4293cc V8 DOHC 4v		11/2000 - On		V8	91.0mm x 82.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>8B8091H</b> STD, .025, .25, .50	<b>CONROD</b>	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F781	8091H IH
<b>RACE SERIES</b> <b>8B8091HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.483/.0584	19.50/.768	F781	8091HX IH
<b>8B8091P</b> STD, .25, .50	<b>CONROD</b>	51.981/2.0465 51.999/2.0472	55.001/2.1654 55.024/2.1663	1.496/.0589	19.50/.768	F780	8091 IH
<b>RACE SERIES</b> <b>5M8088H</b> STD, .025, .25, .50	<b>MAINS</b>	<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>		2.491/.0981	22.50/.886	F780	8088H UL
	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	22.50/.886	F780	8088H UL





55 Continued ...							55
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8088H</b> STD, .025, .25, .50	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.491/.0981	19.50/.768	F780	8089H UL
<b>RACE SERIES</b>		<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>					
<b>5M8088HX</b> STD	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	22.50/.886	F780	8088HX UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.478/.0976	19.50/.768	F780	8089HX UL
<b>MAINS</b>		<i>This set has no notch, to suit 1UZ, 2UZ, 3UZ.</i>					
<b>5M8088P</b> STD, .25, .50	1,5	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	22.50/.886	F780	8088 UL
	2,3,4	66.987/2.6373 67.000/2.6378	71.999/2.8346 72.014/2.8352	2.496/.0983	19.50/.768	F780	8089 UL
<b>THRUST</b>							
<b>2T8092</b> STD		73.410/2.8902 73.850/2.9075	89.000/3.5039 89.300/3.5157		2.50/.098	F817	8092T UL
<b>PISTON PIN BUSH</b>		<i>Set of 8.</i>					
<b>8RB4237</b> UNB			24.000/.9449	1.230/.0484	20.80/.819	F100	8RB4237
<b>PISTON PIN BUSH</b>							
<b>RB4237</b> UNB			24.000/.9449	1.230/.0484	20.80/.819	F100	RB4237

56 Engine	Year	Cyl	Bore x Stroke	56
18R-G 1968cc Inline4 DOHC 2v	01/1971 - 11/1977	L4	88.5mm x 80.0mm	
6R 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	86.0mm x 73.5mm	
6R-B 1707cc Inline4 OHV 2v	01/1968 - 12/1981	L4	86.0mm x 73.5mm	
7R 1591cc Inline4 OHV 2v	01/1968 - 12/1971	L4	86.0mm x 68.5mm	
8R 1858cc Inline4 SOHC 2v	01/1968 - 12/1973	L4	86.0mm x 80.0mm	
8R-B 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	86.0mm x 80.0mm	
8R-C 1858cc Inline4 SOHC 2v	01/1969 - 01/1971	L4	86.0mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1701A</b> STD, 010, 020, 030, 040, 060		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH
<b>MAINS</b>		<i>Has integral thrust flanges.</i>					
<b>5M1697A</b> STD, 010, 020, 030, 040, 060	1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A IH
	3	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	35.98/1.417	F780	1698A(F) IH
<b>CAMS</b>							
<b>4C8076</b> STD	1(L)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8077AL(F) L
	1(U)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
<b>AUX</b>							
<b>2B58286</b> STD	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
<b>PISTON PIN BUSH</b>							
<b>RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

57	Engine	Year	Cyl	Bore x Stroke	57
	1Nz-FE 1497cc Inline4 DOHC 4v	09/1999 - On	L4	75.0mm x 84.7mm	
	1Nz-FXE 1497cc Inline4 DOHC 4v	10/2001 - On	L4	75.0mm x 84.7mm	
	2Nz-FE 1299cc Inline4 DOHC 4v	09/1999 - On	L4	75.0mm x 73.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B8210A</b> STD, .25, .50, .75		39.992/1.5745 40.000/1.5748	43.001/1.6929 43.020/1.6937	1.497/.0589	13.60/.535	F810	8210A IH
	<b>MAINS</b>						
<b>5M8214A</b> STD, .25, .50, .75	1,2,3,4,5	46.000/1.8110 46.012/1.8115	50.000/1.9685 50.016/1.9691	1.994/.0785	16.00/.630	F810	8214A UL
	<b>THRUST</b>						
<b>1T1853</b> STD		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH

58	Engine	Year	Cyl	Bore x Stroke	58
	1ZZ-FE 1794cc Inline4 DOHC 4v	01/1997 - 12/2007	L4	79.0mm x 91.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>4B1851A</b> STD, .25, .50, .75		43.993/1.7320 44.000/1.7323	47.000/1.8504 47.023/1.8513	1.496/.0589	15.70/.618	F810	1851A IH
	<b>MAINS</b>						
<b>5M1853A</b> STD, .25, .50, .75	1,2,3,4,5	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/.0786	17.00/.669	F810	1853A UL
	<b>THRUST</b>						
<b>1T1853</b> STD		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4236</b> UNB			22.000/.8661	1.000/.0394	20.00/.787	F100	4RB4236
	<b>PISTON PIN BUSH</b>						
<b>RB4236</b>			22.000/.8661	1.000/.0394	20.00/.787	F100	RB4236

59	Engine	Year	Cyl	Bore x Stroke	59
	2ZZ-GE 1796cc Inline4 DOHC 4v	11/1999 - 12/2010	L4	82.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
	<b>CONROD</b>								
<b>4B1856A</b> STD, .25, .50, .75, 1.00		44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.492/.0587	16.00/.630	F810	1856A IH		
<b>RACE SERIES</b> <b>4B1856H</b> STD, .025, .25	<b>CONROD</b>	44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.492/.0587	16.00/.630	F781	1856H IH		
<b>RACE SERIES</b> <b>4B1856HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		44.992/1.7713 45.000/1.7717	48.000/1.8898 48.024/1.8907	1.479/.0582	16.00/.630	F781	1856HX IH
	<b>MAINS</b>								
<b>5M1857A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/.0786	17.00/.669	F810	1857A UL		
<b>RACE SERIES</b> <b>5M1857H</b> Std, .025, .25	<b>MAINS</b>	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/.0786	17.00/.669	F780	1857H UL		
<b>RACE SERIES</b> <b>5M1857HX</b> Std	<b>MAINS</b>	47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.983/.0781	17.00/.669	F780	1857HX UL		
	<b>THRUST</b>								
<b>1T1853</b> STD		53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817	1853T IH		





59 Continued ...							59
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4RB4236</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>				
			22.000/.8661	1.000/.0394	20.00/.787	F100	4RB4236
<b>RB4236</b>	<b>PISTON PIN BUSH</b>		22.000/.8661	1.000/.0394	20.00/.787	F100	RB4236

60 Engine				Year	Cyl	Bore x Stroke	60
3ZZ-FE 1598cc Inline4 DOHC 4v				01/2003 - On	L4	79.0mm x 71.3mm	
4ZZ-FE 1398cc Inline4 DOHC 4v				01/2003 - On	L4	79.0mm x 71.3mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1851A</b> STD, .25, .50, .75	<b>CONROD</b>		43.993/1.7320 44.000/1.7323	47.000/1.8504 47.023/1.8513	1.496/.0589	15.70/.618	F810
							1851A IH
<b>5M1853A</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,2,3,4,5		47.988/1.8893 48.000/1.8898	52.000/2.0472 52.016/2.0479	1.996/.0786	17.00/.669	F810
<b>1T1853</b> STD	<b>THRUST</b>						
			53.600/2.1102 53.850/2.1201	69.550/2.7382 69.800/2.7480		2.48/.098	F817
							1853T IH

61 Engine				Year	Cyl	Bore x Stroke	61
1JZ-GE 2492cc Inline6 DOHC 4v				01/1990 - 12/2007	L6	86.0mm x 71.5mm	
1JZ-GTE 2492cc Inline6 DOHC 4v Twin Turbo				01/1990 - 12/2007	L6	86.0mm x 71.5mm	
2JZ-GE 2997cc Inline6 DOHC 4v				01/1990 - 12/2006	L6	86.0mm x 86.0mm	
2JZ-GTE 2997cc Inline6 DOHC 4v Twin Turbo				01/1993 - 12/2006	L6	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B8100A</b> STD, .25	<b>CONROD</b>		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.511/.0595	19.30/.760	F810
							8100A IH
<b>RACE SERIES</b> <b>6B8100H</b> STD, .025, .25	<b>CONROD</b>		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.506/.0593	19.30/.760	F781
							8100H IH
<b>RACE SERIES</b> <b>6B8100HX</b> STD	<b>CONROD</b>		<i>0.001" extra oil clearance on STD journal.</i>				
			51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.493/.0588	19.30/.760	F781
							8100HX IH
<b>6B8100P</b> STD, .25	<b>CONROD</b>		51.981/2.0465 52.000/2.0472	55.024/2.1663 55.042/2.1670	1.511/.0595	19.30/.760	F780
							8100 IH
<b>7M8103A</b> STD, .25	<b>MAINS</b>						
	1		61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.009/.0791	23.00/.906	F810
							8104A UL
	2,3,4,5,6,7		61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.009/.0791	20.00/.787	F810
							8103A UL
<b>RACE SERIES</b> <b>7M8103H</b> STD, .025, .25	<b>MAINS</b>						
	1		61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/.0789	23.00/.906	F780
							8104H UL
	2,3,4,5,6,7		61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.004/.0789	20.00/.787	F780
							8103H UL
<b>RACE SERIES</b> <b>7M8103HX</b> STD	<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>				
	1		61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/.0784	23.00/.906	F780
							8104HX UL
	2,3,4,5,6,7		61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	1.991/.0784	20.00/.787	F780
							8103HX UL
<b>7M8103P</b> STD, .25	<b>MAINS</b>						
	1		61.984/2.4403 62.001/2.4410	66.020/2.5992 66.035/2.5998	2.009/.0791	23.00/.906	F780
							8104 UL

61 Continued ...							61
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>7M8103P</b> STD, .25	2,3,4,5,6,7	61.984/2.4403	66.020/2.5992	2.009/.0791	20.00/.787	F780	8103 UL
		62.001/2.4410	66.035/2.5998				
<b>2T8103</b> STD	THRUST	67.350/2.6516	81.350/3.2027		1.97/.078	F817	8103T UL
		67.600/2.6614	81.600/3.2126				
<b>4RB4245</b> UNB	PISTON PIN BUSH	Set of 4.		1.040/.0409	26.10/1.028	F100	4RB4245
		22.000/.8661	24.000/.9449				
<b>RB4245</b> UNB	PISTON PIN BUSH	Single piece.		1.050/.0413	26.10/1.028	F100	RB4245
		22.000/.8661	24.000/.9449				
		22.006/.8664	24.030/.9461				

62 Engine		Year	Cyl	Bore x Stroke	62			
1G-GTE 1988cc Inline6 DOHC 4v Twin Turbo		01/1986 - 12/1992	L6	75.0mm x 75.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B8471A</b> STD, .25, .50, .75, 1.00	CONROD	To suit 44mm shaft, 8/1988 on		1.492/.0587	17.18/.676	F810	8471A IH	
		43.990/1.7319	47.000/1.8504					
<b>6B8471P</b> STD, .25, .50, .75, 1.00	CONROD	To suit 44mm shaft, 8/1988 on.		1.492/.0587	17.18/.676	F780	8471 IH	
		43.990/1.7319	47.000/1.8504					
<b>6B8472A</b> STD, .25, .50, .75, 1.00	CONROD	To suit 42mm shaft, 10/1985 - 7/1988.		1.492/.0587	18.18/.716	F810	8472A IH	
		41.980/1.6528	45.000/1.7717					
<b>6B8472P</b> STD, .25, .50, .75, 1.00	CONROD	To suit 42mm shaft, 10/1985 - 7/1988.		1.492/.0587	18.18/.716	F780	8472 IH	
		41.980/1.6528	45.000/1.7717					
<b>7M8476A</b> STD, .25	MAINS	1	54.980/2.1646	59.020/2.3236	2.000/.0787	22.20/.874	8476A UL	
			55.000/2.1654	59.040/2.3244				
	2,3,4,5,6,7		54.980/2.1646	59.020/2.3236	2.000/.0787	19.20/.756	F810	8477A UL
			55.000/2.1654	59.040/2.3244				
<b>2T8474</b> STD, .25	THRUST	4	60.500/2.3819	73.000/2.8740		1.99/.078	8474T UL	
			60.750/2.3917					
<b>6RB4240</b> UNB	PISTON PIN BUSH	Set of 6. To suit 22mm shaft, 10/1985-7/1988.		1.030/.0406	20.30/.799	F100	6RB4240	
			24.000/.9449					
<b>6RB4241</b> UNB	PISTON PIN BUSH	Set of 6. To suit 20mm shaft, 8/1988 on.		1.030/.0406	23.30/.917	F100	6RB4241	
		19.980/.7866	22.000/.8661					
<b>RB4240</b> UNB	PISTON PIN BUSH	Single piece. To suit 22mm shaft, 10/1985-7/1988.		1.030/.0406	20.30/.799	F100	RB4240	
			24.000/.9449					
<b>RB4241</b> UNB	PISTON PIN BUSH	Single piece. To suit 20mm shaft, 8/1988 on.		1.030/.0406	23.30/.917	F100	RB4241	
			22.000/.8661					

63 Engine		Year	Cyl	Bore x Stroke	63		
3C-TE 2184cc Inline4 SOHC 2v Turbo Diesel		01/1991 - 12/1998	L4	86.0mm x 94.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8391A</b> STD, .25, .50	CONROD	Suits from 1996 on. Has right hand notch.		1.482/.0583	23.10/.909	F810	8391A IH
		50.490/1.9878	53.504/2.1065				
		50.500/1.9882	53.520/2.1071				





63 Continued ...							63
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Suits until 12/1995.</i>							
<b>4B8395A</b> STD, .25, .50, .75, 1.00		50.490/1.9878	53.500/2.1063	1.482/.0583	23.10/.909	F810	8395A IH
		50.500/1.9882	53.520/2.1071				
<b>MAINS</b> <i>Suits from 09/1990.</i>							
<b>5M8399A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	56.980/2.2433	61.000/2.4016	1.990/.0783	22.00/.866	F810	8399A UL
		57.000/2.2441	61.020/2.4024				
<b>THRUST</b>							
<b>2T8372</b> STD		63.000/2.4803	76.550/3.0138		2.72/.107	F817	8372T UL
		63.250/2.4902	76.800/3.0236				
<b>PISTON PIN BUSH</b> <i>Tapered bush. Set of 4.</i>							
<b>4RB4097</b> UNB		27.000/1.0630	30.000/1.1811	1.630/.0642	28.00/1.102	F100	4RB4097
		27.012/1.0635	30.030/1.1823				
<b>PISTON PIN BUSH</b> <i>Tapered Bush.</i>							
<b>RB4097</b> UNB		27.000/1.0630	30.000/1.1811	1.630/.0642	28.00/1.102	F100	RB4097
		27.012/1.0635	30.030/1.1823				

64 Engine				Year	Cyl	Bore x Stroke	64
3L 2779cc Inline4 SOHC 2v Diesel				08/1986 - 10/2001	L4	96.0mm x 96.0mm	
5L,5L-E 2955cc Inline4 SOHC 2v Diesel				10/1997 - On	L4	99.5mm x 96.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1720A</b> STD, 010, 020, 030, 040		54.985/2.1648	58.004/2.2836	1.486/.0585	26.00/1.024	F810	1720A IH
		55.000/2.1654	58.024/2.2844				
<b>MAINS</b> <i>Set is half grooved.</i>							
<b>5M1728A</b> STD, 010, 020, 030, 040	1,2,3,4,5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1727A U
		62.000/2.4409	66.020/2.5992				
	1-5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1728A L
		62.000/2.4409	66.020/2.5992				
<b>THRUST</b>							
<b>2T1727</b> STD		70.000/2.7559	81.450/3.2067		2.49/.098	F817	1727T UL
		70.250/2.7657	81.700/3.2165				
<b>CAMS</b>							
<b>5C8094</b> STD, .125, .25	1	34.959/1.3763	38.014/1.4966	1.504/.0592	32.63/1.285	F820	8094AL(F) IH
		34.975/1.3770	38.038/1.4976				
	2,3,4,5	27.959/1.1007	31.014/1.2210	1.504/.0592	17.50/.689	F820	8095AL IH
		27.975/1.1014	31.038/1.2220				
<b>PISTON PIN BUSH</b> <i>Tapered Bush. Set of 4. Suits 29mm shaft.</i>							
<b>4RB4093</b> UNB			32.000/1.2598	1.700/.0669	30.50/1.201	F100	4RB4093
			32.020/1.2606				
<b>PISTON PIN BUSH</b> <i>Tapered bush. Suits 29mm shaft.</i>							
<b>RB4093</b> UNB			32.000/1.2598	1.700/.0669	31.00/1.221	F100	RB4093
			32.020/1.2606				

65 Engine				Year	Cyl	Bore x Stroke	65
5M 2759cc Inline6 SOHC 2v				01/1979 - 12/1984	L6	83.0mm x 85.0mm	
5M-E 2759cc Inline6 SOHC 2v				01/1978 - 08/1990	L6	83.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has two oil holes.</i>							
<b>6B1160A</b> STD, 010, 020, 030, 040		51.984/2.0466	55.015/2.1659	1.499/.0590	19.85/.782	F810	1160A IH
		52.000/2.0472	55.035/2.1667				
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>6B1170A</b> STD, .25, .50, .75, 1.00		51.984/2.0466	55.015/2.1659	1.500/.0591	19.90/.784	F810	1170A IH
		52.000/2.0472	55.035/2.1667				
<b>MAINS</b> <i>All bearings are 22mm wide.</i>							
<b>7M1164A</b> STD, 010, 020, 030, 040	1,2,3,4,5,6,7	59.985/2.3616	64.021/2.5205	1.996/.0786	22.00/.866	F810	1164A UL
		60.000/2.3622	64.046/2.5215				

65		Continued ...						65
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>THRUST</b>	<i>2.97 mm Thick.</i>						
<b>2T7962</b> STD		65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL	
	<b>CAMS</b>							
<b>4C8076</b> STD	1(L)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8077AL(F) L	
	1(U)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH	
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH	
	<b>AUX</b>							
<b>2BS8078</b> STD	1		44.981/1.7709 45.001/1.7717	2.009/.0791	16.25/.640	F23	8078	
	2		36.980/1.4559 37.000/1.4567	2.009/.0791	16.25/.640	F23	8079	
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>						
<b>4RB4008</b> UNB		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008	
	<b>PISTON PIN BUSH</b>							
<b>RB4008</b> UNB		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008	
	<b>ROCKER ARM BUSH</b>	<i>Has Honing Allowance Only.</i>						
<b>B791</b>		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B791	
	<b>ROCKER ARM BUSH</b>	<i>Has Boring Allowance Only.</i>						
<b>B792</b>		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B792	

66		Engine	Year	Cyl	Bore x Stroke	66	
		5M-GE 2759cc Inline6 DOHC 2v	08/1980 - 12/1988	L6	83.0mm x 85.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has two oil holes.</i>					
<b>6B1160A</b> STD, 010, 020, 030, 040		51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.499/.0590	19.85/.782	F810	1160A IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>6B1170A</b> STD, 25, 50, 75, 1.00		51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.500/.0591	19.90/.784	F810	1170A IH
	<b>MAINS</b>	<i>All bearings are 22mm wide.</i>					
<b>7M1164A</b> STD, 010, 020, 030, 040	1,2,3,4,5,6,7	59.985/2.3616 60.000/2.3622	64.021/2.5205 64.046/2.5215	1.996/.0786	22.00/.866	F810	1164A UL
	<b>MAINS</b>	<i>Bearings in position number one are 25mm wide, bearings in positions 2-7 are 22mm wide.</i>					
<b>7M1165A</b> STD, 25, 50, 75, 1.00	1	59.985/2.3616 60.010/2.3626	64.022/2.5205 64.046/2.5215	2.000/.0787	25.00/.984	F810	1166A UL
	2,3,4,5,6,7	59.985/2.3616 60.010/2.3626	64.022/2.5205 64.046/2.5215	2.000/.0787	22.00/.866	F810	1165A UL
	<b>THRUST</b>	<i>2.97 mm Thick.</i>					
<b>2T7962</b> STD		65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL
	<b>AUX</b>						
<b>2BS8078</b> STD	1		44.981/1.7709 45.001/1.7717	2.009/.0791	16.25/.640	F23	8078
	2		36.980/1.4559 37.000/1.4567	2.009/.0791	16.25/.640	F23	8079
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4008</b> UNB		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008





66 Continued ...							66
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>PISTON PIN BUSH</b>							
<b>RB4008</b> UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008
		22.000/.8661	24.000/.9449				

67 Engine		Year	Cyl	Bore x Stroke	67		
5P 2771cc Inline4 OHV 2v Diesel		01/1974 - 10/1985	L4	93.0mm x 102.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1361A</b> STD, .25, .50, .75, 1.00		54.980/2.1646	58.000/2.2835	1.485/.0585	27.55/1.085	F810	1361A IH
		55.000/2.1654	58.020/2.2842				
<b>MAINS</b>							
<b>5M1362A</b> STD, .25, .50, .75, 1.00	1,2,4,5	69.980/2.7551	74.000/2.9134	1.989/.0783	24.63/.970	F810	1362A IH
		70.000/2.7559	74.021/2.9142				
	3	69.980/2.7551	74.000/2.9134	1.989/.0783	31.37/1.235	F810	1365A IH
		70.000/2.7559	74.021/2.9142				
<b>MAINS</b>							
<b>5M8258A</b> STD, .25, .50, .75, 1.00	1,2,4,5	69.980/2.7551	74.000/2.9134	1.986/.0782	22.60/.890	F810	8258A IH
		70.000/2.7559	74.030/2.9146				
	3	69.980/2.7551	74.000/2.9134	1.986/.0782	29.60/1.165	F810	8259A IH
		70.000/2.7559	74.030/2.9146				
<b>THRUST</b>							
<b>2T1362</b> STD		75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T UL
		76.200/3.0000	89.660/3.5299				
<b>CAMS</b>							
<b>4C8065</b> STD	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
		47.180/1.8575	51.019/2.0086				
	2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
		46.980/1.8496	51.019/2.0086				
	3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
	46.780/1.8417	51.019/2.0086					
	4	46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8065
		46.580/1.8339	51.019/2.0086				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4244</b> UNB			30.000/1.1811	1.530/.0602	30.50/1.201	F100	4RB4244
			30.010/1.1815				
<b>PISTON PIN BUSH</b> <i>Single piece.</i>							
<b>RB4244</b> UNB			30.000/1.1811	1.530/.0602	30.50/1.201	F100	RB4244
			30.010/1.1815				

68 Engine		Year	Cyl	Bore x Stroke	68		
5R 1994cc Inline4 OHV 2v		01/1967 - 12/1983	L4	88.0mm x 82.0mm			

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B2980A</b> STD, .25, .50, .75, 1.00, 1.25		54.985/2.1648	58.025/2.2844	1.499/.0590	26.03/1.025	F810	2980A IH
		55.000/2.1654	58.045/2.2852				
<b>MAINS</b> <i>With Flanged Bearing. Suits from 1969 to 5/1978.</i>							
<b>3M2977A</b> STD, 010, 020, 030, 040, 050,	1	59.970/2.3610	64.000/2.5197	1.986/.0782	27.81/1.095	F810	2977A IH
		60.000/2.3622	64.030/2.5209				
	2	59.970/2.3610	64.000/2.5197	1.986/.0782	41.98/1.653	F810	2978A(F) IH
		60.000/2.3622	64.030/2.5209				
	3	59.970/2.3610	64.000/2.5197	1.986/.0782	35.81/1.410	F810	2979A IH
		60.000/2.3622	64.030/2.5209				
<b>MAINS</b> <i>Use with 2T1703. Suits from 05/1978.</i>							
<b>3M2984A</b> STD, .25, .50, .75, 1.00	1	59.985/2.3616	64.000/2.5197	1.990/.0783	27.80/1.095	F810	2984A IH
		60.000/2.3622	64.030/2.5209				
	2,3	59.985/2.3616	64.000/2.5197	1.990/.0783	35.50/1.398	F810	2985A IH
		60.000/2.3622	64.030/2.5209				

68		Continued ...						68
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>3M2987A</b> STD, 010, 020, 030, 040		<b>MAINS</b> <i>Suits until 12/1968.</i>						
	1	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/.0980	27.99/1.102	F810	2987A UL	
	2	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/.0980	35.99/1.417	F810	2988A UL	
	3	59.985/2.3616 60.000/2.3622	65.010/2.5594 65.040/2.5606	2.489/.0980	40.00/1.575	F810	2989A UL	
<b>2T1703</b> STD		<b>THRUST</b> <i>1.99 mm thick.</i>						
		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		1.99/.078	F817	1703T UL	
<b>2T7962</b> STD		<b>THRUST</b> <i>2.97 mm Thick.</i>						
		65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL	
<b>5C7969</b> STD		<b>CAMS</b>						
	1	46.460/1.8291 46.475/1.8297	50.000/1.9685 50.025/1.9695	1.740/.0685	29.21/1.150	F23	7966	
	2	46.210/1.8193 46.225/1.8199	50.000/1.9685 50.025/1.9695	1.867/.0735	20.19/.795	F23	7967	
	3	45.960/1.8094 45.975/1.8100	50.000/1.9685 50.025/1.9695	1.994/.0785	46.28/1.822	F23	7968	
	4	45.710/1.7996 45.725/1.8002	50.000/1.9685 50.025/1.9695	2.121/.0835	19.30/.760	F23	7969	
	5	45.460/1.7898 45.475/1.7904	50.000/1.9685 50.025/1.9695	2.248/.0885	28.19/1.110	F23	7960	
<b>4RB4040</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
		21.997/.8660 22.009/.8665	24.000/.9449 24.021/.9457	1.120/.0441	30.98/1.220	F100	4RB4040	
<b>RB4040</b> UNB		<b>PISTON PIN BUSH</b>						
		21.997/.8660 22.009/.8665	24.000/.9449 24.021/.9457	1.120/.0441	30.98/1.220	F100	RB4040	
<b>B791</b>		<b>ROCKER ARM BUSH</b> <i>Has Honing Allowance Only.</i>						
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B791	
<b>B792</b>		<b>ROCKER ARM BUSH</b> <i>Has Boring Allowance Only.</i>						
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B792	

69		Engine	Year	Cyl	Bore x Stroke	69	
		5S-FE 2164cc Inline4 DOHC 4v	01/1989 - 12/2009	L4	87.0mm x 91.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8365A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>For engines with 52mm shaft.</i>					
		51.985/2.0466 52.000/2.0472	55.000/2.1654 55.024/2.1663	1.493/.0588	20.50/.807	F810	8365A IH
<b>5M8361A</b> STD, .25, .50, .75		<b>MAINS</b>					
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F810	8361A UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F810	8362A UL
<b>RACE SERIES</b> <b>5M8361H</b> STD, .025, .25, .50		<b>MAINS</b>					
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F780	8361H UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F780	8362H UL
<b>RACE SERIES</b> <b>5M8361HX</b> STD		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>					
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.987/.0782	19.20/.756	F780	8361HX UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.982/.0780	23.00/.906	F780	8362HX UL





69 Continued ...							69
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1689</b> STD, .125, .25, .50, .75	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
<b>2T1689P</b> STD	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
<b>2T8363</b> STD, .25, .50	<b>THRUST</b>	64.000/2.5197	76.000/2.9921		2.49/.098	F817	8363T
		64.250/2.5295					UL
<b>4RB4087</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>	21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
<b>RB4087</b> UNB	<b>PISTON PIN BUSH</b>	21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

70 Engine	Year	Cyl	Bore x Stroke	70
2M 2253cc Inline6 SOHC 2v	01/1965 - 12/1975	L6	75.0mm x 85.0mm	
3M 1988cc Inline6 DOHC 2v	01/1965 - 02/1971	L6	75.0mm x 75.0mm	
4M 2563cc Inline6 SOHC 2v	01/1971 - 12/1983	L6	80.0mm x 85.0mm	
M 1988cc Inline6 SOHC 2v	01/1965 - 08/1974	L6	75.0mm x 75.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B1160A</b> STD, 010, 020, 030, 040	<b>CONROD</b> <i>Has two oil holes.</i>	51.984/2.0466	55.015/2.1659	1.499/.0590	19.85/.782	F810	1160A	
		52.000/2.0472	55.035/2.1667				IH	
		51.984/2.0466	55.015/2.1659	1.499/.0590	19.85/.782	F810	1160A	
		52.000/2.0472	55.035/2.1667				IH	
<b>7M1164A</b> STD, 010, 020, 030, 040	<b>MAINS</b> <i>All bearings are 22mm wide.</i>	59.985/2.3616	64.021/2.5205	1.996/.0786	22.00/.866	F810	1164A	
		60.000/2.3622	64.046/2.5215				UL	
<b>2T7962</b> STD	<b>THRUST</b> <i>2.97 mm Thick.</i>	65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T	
		66.250/2.6083	80.000/3.1496				UL	
<b>4C8076</b> STD	<b>CAMS</b>	1(L)	34.972/1.3768	38.014/1.4966	1.504/.0592	28.07/1.105	F820	8077AL(F)
			34.996/1.3778	38.038/1.4976				L
		1(U)	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076
			34.996/1.3778	38.038/1.4976				IH
		2,3,4	34.972/1.3768	38.014/1.4966	1.504/.0592	20.13/.793	F23	8076
34.996/1.3778	38.038/1.4976				IH			
<b>2B58078</b> STD	<b>AUX</b>	1	44.981/1.7709	2.009/.0791	16.25/.640	F23	8078	
			45.001/1.7717					
		2	36.980/1.4559	2.009/.0791	16.25/.640	F23	8079	
			37.000/1.4567					
<b>4RB4008</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>	22.000/.8661	24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008	
		22.000/.8661	24.000/.9449					
<b>RB4008</b> UNB	<b>PISTON PIN BUSH</b>	22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008	
		22.000/.8661	24.000/.9449					
<b>B791</b>	<b>ROCKER ARM BUSH</b> <i>Has Honing Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B791	
		19.000/.7480	21.000/.8268					
<b>B792</b>	<b>ROCKER ARM BUSH</b> <i>Has Boring Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B792	
		19.000/.7480	21.000/.8268					



71	Engine	Year	Cyl	Bore x Stroke	71
	2K 993cc Inline4 OHV 2v	04/1969 - 09/1986	L4	72.0mm x 61.0mm	
	3K 1166cc Inline4 OHV 2v	01/1966 - 12/1988	L4	75.0mm x 66.0mm	
	4K 1290cc Inline4 OHV 2v	02/1978 - 08/1990	L4	75.0mm x 73.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1101A</b> STD, .25, .50, .75, 1.00, 1.25		41.976/1.6526	44.999/1.7716	1.496/.0589	18.90/.744	F810	1101A	
		42.000/1.6535	45.024/1.7726				IH	
<b>MAINS</b> <i>Fully grooved bearings, identical halves.</i>								
<b>5M1102A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1102A	
		50.000/1.9685	54.028/2.1271				IH	
<b>MAINS</b> <i>Half grooved bearing set, with upper &amp; lower.</i>								
<b>5M1103A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1103A	
		50.000/1.9685	54.028/2.1271				L	
	1,2,3,4,5	49.976/1.9676	54.000/2.1260	1.996/.0786	20.90/.823	F810	1102A	
		50.000/1.9685	54.028/2.1271				U	
		<b>THRUST</b>						
		<b>2T8062</b> STD		55.560/2.1874	67.560/2.6598		2.49/.098	F817
55.820/2.1976	67.820/2.6701						UL	
<b>CAMS</b>								
<b>4C8066</b> STD	1	43.209/1.7011	48.000/1.8898	2.385/.0939	17.90/.705	F23	8066	
		43.225/1.7018	48.025/1.8907					
	2	42.959/1.6913	47.500/1.8701	2.260/.0890	17.90/.705	F23	8067	
		42.975/1.6919	47.525/1.8711					
	3	42.709/1.6815	47.000/1.8504	2.133/.0840	17.90/.705	F23	8068	
		42.725/1.6821	47.025/1.8514					
	4	42.459/1.6716	46.500/1.8307	2.006/.0790	17.90/.705	F23	8069	
		42.475/1.6722	46.525/1.8317					
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4037</b> UNB		17.986/.7081	20.000/.7874	1.180/.0465	24.89/.980	F100	4RB4037	
		17.998/.7086	20.020/.7882					

72	Engine	Year	Cyl	Bore x Stroke	72
	3F 3955cc Inline6 OHV 2v	11/1984 - 12/1992	L6	94.0mm x 95.0mm	
	3F-E 3955cc Inline6 OHV 2v	01/1988 - 12/1992	L6	94.0mm x 95.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B7986A</b> STD, 010, 020, 030, 040		52.988/2.0861	56.000/2.2047	1.495/.0589	22.13/.871	F810	7986A
		53.000/2.0866	56.020/2.2055				IH
<b>MAINS</b>							
<b>4M7987A</b> STD, 010, 020, 030, 040	1	66.975/2.6368	71.999/2.8346	2.497/.0983	32.13/1.265	F810	7982A
		67.000/2.6378	72.034/2.8360				UL
	2	68.473/2.6958	73.500/2.8937	2.497/.0983	30.12/1.186	F810	7983A
		68.500/2.6968	73.536/2.8951				IH
	3	69.972/2.7548	75.000/2.9528	2.497/.0983	28.12/1.107	F810	7987A
		69.996/2.7557	75.035/2.9541				IH
	4	71.472/2.8139	76.500/3.0118	2.497/.0983	40.13/1.580	F810	7988A
		71.496/2.8148	76.535/3.0132				UL
<b>THRUST</b>							
<b>2T7987</b> STD		78.000/3.0709	90.500/3.5630		2.48/.098	F250	7987T
		78.250/3.0807	90.750/3.5728				UL
<b>CAMS</b>							
<b>4C7979</b> STD	1	47.955/1.8880	52.000/2.0472	2.014/.0793	29.23/1.151	F23	7976
		47.975/1.8888	52.035/2.0486				
	2	46.455/1.8289	50.500/1.9882	2.014/.0793	24.25/.955	F23	7977
		46.475/1.8297	50.535/1.9896				
	3	44.955/1.7699	49.000/1.9291	2.014/.0793	24.25/.955	F23	7970
		44.975/1.7707	49.030/1.9303				
	4	43.455/1.7108	47.500/1.8701	2.014/.0793	25.25/.994	F23	7979
		43.475/1.7116	47.530/1.8713				





72 Continued ...							72
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6RB4028</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 6.</i>	21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	6RB4028
		22.000/.8661	24.021/.9457				
<b>RB4028</b> UNB	<b>PISTON PIN BUSH</b>	21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

73 Engine			Year	Cyl	Bore x Stroke	73		
3R 1897cc Inline4 OHV 2v			01/1960 - 12/1973	L4	88.0mm x 78.9mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B2986P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	54.985/2.1648	58.025/2.2844	1.499/.0590	30.98/1.220	F780	2986	
		55.000/2.1654	58.045/2.2852				UL	
<b>3M2987A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Suits until 12/1968.</i>						
		1	59.985/2.3616	65.010/2.5594	2.489/.0980	27.99/1.102	F810	2987A
			60.000/2.3622	65.040/2.5606				UL
		2	59.985/2.3616	65.010/2.5594	2.489/.0980	35.99/1.417	F810	2988A
			60.000/2.3622	65.040/2.5606				UL
<b>2T7962</b> STD	<b>THRUST</b>	<i>2.97 mm Thick.</i>						
			65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T
			66.250/2.6083	80.000/3.1496				UL
<b>5C7969</b> STD	<b>CAMS</b>	1	46.460/1.8291	50.000/1.9685	1.740/.0685	29.21/1.150	F23	7966
			46.475/1.8297	50.025/1.9695				
		2	46.210/1.8193	50.000/1.9685	1.867/.0735	20.19/.795	F23	7967
			46.225/1.8199	50.025/1.9695				
		3	45.960/1.8094	50.000/1.9685	1.994/.0785	46.28/1.822	F23	7968
			45.975/1.8100	50.025/1.9695				
<b>RB911</b>	<b>PISTON PIN BUSH</b>	24.000/.9449	27.000/1.0630	1.650/.0650	31.24/1.230	F100	RB911	
		24.012/.9454	27.021/1.0638					
<b>B791</b>	<b>ROCKER ARM BUSH</b> <i>Has Honing Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B791	
		19.000/.7480	21.000/.8268					
<b>B792</b>	<b>ROCKER ARM BUSH</b> <i>Has Boring Allowance Only.</i>	19.000/.7480	21.000/.8268		20.83/.820	F100	B792	
		19.000/.7480	21.000/.8268					

74 Engine			Year	Cyl	Bore x Stroke	74	
1E 999cc Inline4 SOHC 3v			10/1984 - 12/1994	L4	70.5mm x 64.0mm		
2E 1295cc Inline4 SOHC 3v			10/1984 - 12/1998	L4	73.0mm x 77.4mm		
4E-FE 1332cc Inline4 DOHC 4v			01/1991 - 12/1999	L4	77.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8390A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	39.985/1.5742	43.001/1.6929	1.491/.0587	15.10/.595	F810	8390A
		40.000/1.5748	43.021/1.6937				IH
<b>5M8392A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	46.985/1.8498	51.022/2.0087	2.000/.0787	16.00/.630	F810	8392A
		47.000/1.8504	51.036/2.0093				UL

**74 Continued ... 74**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>2T8392</b> STD		52.750/2.0768 53.000/2.0866	64.250/2.5295 64.500/2.5394		2.49/.098	F817	8392T UL

**75 Engine Year Cyl Bore x Stroke 75**

3VZ-E 2959cc V6 SOHC 3v		01/1988 - 07/1996	V6	87.5mm x 82.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8060A</b> STD, .25, .50, .75, 1.00		54.987/2.1648 55.000/2.1654	58.000/2.2835 58.024/2.2844	1.488/.0586	17.00/.669	F810	8060A IH
<b>MAINS</b>							
<b>4M8070A</b> STD, .25, .50, .75, 1.00	1	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	22.00/.866	F810	8064A UL
	2,3,4	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	20.00/.787	F810	8070A UL
	<b>THRUST</b>						
<b>2T8063</b> STD, .25		71.250/2.8051 71.500/2.8150	86.250/3.3957 86.500/3.4055		2.49/.098	F817	8063T UL

**76 Engine Year Cyl Bore x Stroke 76**

3VZ-FE 2958cc V6 DOHC 4v		02/1992 - 12/1997	V6	87.5mm x 82.0mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B8061A</b> STD, .25, .50, .75, 1.00		54.987/2.1648 55.000/2.1654	58.000/2.2835 58.024/2.2844	1.488/.0586	17.00/.669	F810	8061A IH
<b>MAINS</b>							
<b>4M8063A</b> STD, .25, .50, .75, 1.00	1	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	22.00/.866	F810	8064A UL
	2,3,4	63.985/2.5191 64.000/2.5197	68.010/2.6776 68.028/2.6783	1.993/.0785	20.00/.787	F810	8063A UL
<b>THRUST</b>							
<b>2T8063</b> STD, .25		71.250/2.8051 71.500/2.8150	86.250/3.3957 86.500/3.4055		2.49/.098	F817	8063T UL
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4109</b> UNB		21.997/.8660 22.009/.8665	24.010/.9453 24.030/.9461	1.180/.0465	23.00/.906	F100	6RB4109
<b>PISTON PIN BUSH</b>							
<b>RB4109</b> UNB		21.997/.8660 22.009/.8665	24.010/.9453 24.030/.9461	1.180/.0465	23.00/.906	F100	RB4109

**77 Engine Year Cyl Bore x Stroke 77**

1Y 1626cc Inline4 OHV 2v		11/1983 - 09/1989	L4	86.0mm x 70.0mm
2Y 1812cc Inline4 OHV 2v		01/1983 - On	L4	86.0mm x 78.0mm
3Y,3YC 1998cc Inline4 OHV 2v		10/1978 - 11/1997	L4	86.0mm x 86.0mm
4Y 2237cc Inline4 OHV 2v		10/1978 - 07/1998	L4	91.0mm x 86.0mm
4Y-EC 2237cc Inline4 OHV 2v		01/1986 - 12/1996	L4	91.0mm x 86.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8281A</b> STD, .25, .50, .75, 1.00, 1.25		47.985/1.8892 48.000/1.8898	51.000/2.0079 51.020/2.0087	1.492/.0587	19.90/.784	F810	8281A IH
<b>MAINS</b>							
<b>5M8282A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,3,4,5	57.985/2.2829 58.000/2.2835	62.000/2.4409 62.024/2.4419	1.990/.0783	20.82/.820	F810	8282A UL
	<b>THRUST</b>						
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL





**77 Continued ... 77**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>2T1689P</b> STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
<b>CAMS</b>							
<b>5C8045</b> STD	1	46.460/1.8291	50.010/1.9689	1.745/.0687	17.90/.705	F820	8045
		46.475/1.8297	50.030/1.9697				
	2	46.210/1.8193	49.760/1.9591	1.745/.0687	16.00/.630	F820	8046
		46.225/1.8199	49.780/1.9598				
	3	45.960/1.8094	49.010/1.9295	1.495/.0589	18.00/.709	F820	8047
	45.975/1.8100	49.030/1.9303					
	4	45.710/1.7996	49.260/1.9394	1.745/.0687	16.00/.630	F820	8048
		45.725/1.8002	49.280/1.9402				
	5	45.460/1.7898	49.510/1.9492	1.995/.0785	18.00/.709	F820	8049
		45.475/1.7904	49.530/1.9500				

**78 Engine Year Cyl Bore x Stroke 78**

2A 1298cc Inline4 SOHC 2v	01/1977 - 12/1988	L4	76.0mm x 71.4mm
3A 1452cc Inline4 SOHC 2v	01/1979 - 12/1989	L4	77.5mm x 77.0mm
3A-C 1452cc Inline4 SOHC 2v	01/1979 - 12/1988	L4	77.5mm x 77.0mm
3A-U 1452cc Inline4 SOHC 2v	01/1979 - 12/1990	L4	77.5mm x 77.0mm
4A-C 1587cc Inline4 SOHC 2v	01/1982 - 12/1989	L4	81.0mm x 77.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Has left hand notch 3.95mm wide.</i>							
<b>4B1690A</b> STD, .25, .50, .75		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1690A
		40.000/1.5748	43.024/1.6939				IH
<b>CONROD</b>							
<i>Has right hand notch 2.95mm wide. Suits 40mm shaft.</i>							
<b>4B1710A</b> STD, .25, .50, .75, 1.00		39.985/1.5742	43.000/1.6929	1.498/.0590	17.10/.673	F810	1710A
		40.000/1.5748	43.024/1.6939				IH
<b>MAINS</b>							
<i>Half groove set.</i>							
<b>5M1695A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A
		48.000/1.8898	52.050/2.0492				U
	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1695A
		48.000/1.8898	52.050/2.0492				L
<b>MAINS</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>5M1695H</b> STD, .025, .25, .50	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1704H
		48.000/1.8898	52.050/2.0492				U
	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.001/.0788	19.90/.783	F780	1695H
		48.000/1.8898	52.050/2.0492				L
<b>MAINS</b>							
<i>Full grooved set.</i>							
<b>5M1704A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A
		48.000/1.8898	52.050/2.0492				IH
<b>THRUST</b>							
<b>2T1695</b> STD		53.500/2.1063	65.750/2.5886		2.49/.098	F817	1695T
		53.750/2.1161	66.000/2.5984				UL

**79 Engine Year Cyl Bore x Stroke 79**

4K-C 1290cc Inline4 OHV 2v	01/1981 - 08/1982	L4	75.0mm x 66.0mm
K 1077cc Inline4 SOHC 2v	01/1966 - 12/1978	L4	75.0mm x 61.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1101A</b> STD, .25, .50, .75, 1.00, 1.25		41.976/1.6526	44.999/1.7716	1.496/.0589	18.90/.744	F810	1101A
		42.000/1.6535	45.024/1.7726				IH

79 Continued ...							79
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1102A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> 1,2,3,4,5	<i>Fully grooved bearings, identical halves.</i>					
		49.976/1.9676 50.000/1.9685	54.000/2.1260 54.028/2.1271	1.996/.0786	20.90/.823	F810	1102A IH
<b>2T8062</b> STD	<b>THRUST</b>	55.560/2.1874	67.560/2.6598		2.49/.098	F817	8062T UL
		55.820/2.1976	67.820/2.6701				
<b>4C8066</b> STD	<b>CAMS</b> 1	43.209/1.7011	48.000/1.8898	2.385/.0939	17.90/.705	F23	8066
		43.225/1.7018	48.025/1.8907				
		42.959/1.6913	47.500/1.8701	2.260/.0890	17.90/.705	F23	8067
		42.975/1.6919	47.525/1.8711				
		42.709/1.6815	47.000/1.8504	2.133/.0840	17.90/.705	F23	8068
	2	42.725/1.6821	47.025/1.8514				
	3	42.459/1.6716	46.500/1.8307	2.006/.0790	17.90/.705	F23	8069
	4	42.475/1.6722	46.525/1.8317				
<b>4RB4037</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		17.986/.7081 17.998/.7086	20.000/.7874 20.020/.7882	1.180/.0465	24.89/.980	F100	4RB4037

80 Engine				Year	Cyl	Bore x Stroke	80
4M-E 2563cc Inline6 SOHC 2v				09/1978 - 08/1979	L6	80.0mm x 85.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1160A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>Has two oil holes.</i>					
		51.984/2.0466 52.000/2.0472	55.015/2.1659 55.035/2.1667	1.499/.0590	19.85/.782	F810	1160A IH
<b>7M1164A</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4,5,6,7	<i>All bearings are 22mm wide.</i>					
		59.985/2.3616 60.000/2.3622	64.021/2.5205 64.046/2.5215	1.996/.0786	22.00/.866	F810	1164A UL
<b>2T7962</b> STD	<b>THRUST</b>	<i>2.97 mm Thick.</i>					
		65.500/2.5787 66.250/2.6083	79.750/3.1398 80.000/3.1496		2.98/.117	F817	7962T UL
<b>2BS8078</b> STD	<b>AUX</b> 1		44.981/1.7709 45.001/1.7717	2.009/.0791	16.25/.640	F23	8078
		2	36.980/1.4559 37.000/1.4567	2.009/.0791	16.25/.640	F23	8079
<b>4RB4008</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		22.000/.8661 22.000/.8661	24.000/.9449 24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008
<b>RB4008</b> UNB	<b>PISTON PIN BUSH</b>	22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008
		22.000/.8661	24.000/.9449				
<b>B791</b>	<b>ROCKER ARM BUSH</b>	<i>Has Honing Allowance Only.</i>					
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B791
<b>B792</b>	<b>ROCKER ARM BUSH</b>	<i>Has Boring Allowance Only.</i>					
		19.000/.7480 19.000/.7480	21.000/.8268 21.000/.8268		20.83/.820	F100	B792



81 Engine		Year	Cyl	Bore x Stroke	81			
12R 1587cc Inline4 OHV 2v		09/1968 - 10/1988	L4	80.5mm x 78.0mm				
2R 1490cc Inline4 OHV 2v <i>To Engine No. 1542213.</i>		01/1964 - 12/1971	L4	78.0mm x 78.0mm				
4R 1587cc Inline4 OHV 2v		01/1965 - 12/1968	L4	80.5mm x 78.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1691A</b> STD, 010, 020, 030, 040, 050,		49.985/1.9679	53.010/2.0870	1.488/.0586	27.00/1.063	F810	1691A IH	
		50.000/1.9685	53.030/2.0878					
<b>MAINS</b>								
<b>3M1692A</b> STD, 010, 020, 030, 040, 050,	1	57.976/2.2825	61.600/2.4252	1.791/.0705	29.97/1.180	F810	1692A IH	
		58.000/2.2835	61.620/2.4260					
	2	57.976/2.2825	61.600/2.4252	1.791/.0705	34.03/1.340	F810	1693A IH	
		58.000/2.2835	61.620/2.4260					
	3	57.976/2.2825	61.600/2.4252	1.791/.0705	40.00/1.575	F810	1694A IH	
		58.000/2.2835	61.620/2.4260					
<b>THRUST</b>								
<b>2T8002</b> STD, 005		64.010/2.5201	75.560/2.9748		2.97/.117	F1	8002T UL	
		64.260/2.5299	75.950/2.9902					
<b>CAMS</b> <i>To Eng.No.1542213.</i>								
<b>3C8006</b> STD	1	46.459/1.8291	50.000/1.9685	1.753/.0690	28.02/1.103	F23	8006	
		46.475/1.8297	50.025/1.9695					
	1	46.459/1.8291	50.000/1.9685	1.753/.0690	28.02/1.103	F23	8006	
		46.475/1.8297	50.025/1.9695					
	2	46.209/1.8192	50.000/1.9685	1.880/.0740	41.96/1.652	F23	8007	
		46.225/1.8199	50.025/1.9695					
	2	46.209/1.8192	50.000/1.9685	1.880/.0740	41.96/1.652	F23	8007	
		46.225/1.8199	50.025/1.9695					
	3	45.959/1.8094	50.000/1.9685	2.006/.0790	25.07/.987	F23	8008	
		45.975/1.8100	50.025/1.9695					
		3	45.959/1.8094	50.000/1.9685	2.006/.0790	25.07/.987	F23	8008
			45.975/1.8100	50.025/1.9695				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB910</b> STD		20.004/.7876	22.000/.8661	1.190/.0469	27.05/1.065	F100	4RB910	
		20.016/.7880	22.025/.8671					
<b>PISTON PIN BUSH</b>								
<b>RB910</b> UNB		20.004/.7876	22.000/.8661	1.190/.0469	27.05/1.065	F100	RB910	
		20.016/.7880	22.025/.8671					
<b>ROCKER ARM BUSH</b> <i>Has Honing Allowance Only.</i>								
<b>B791</b>		19.000/.7480	21.000/.8268		20.83/.820	F100	B791	
		19.000/.7480	21.000/.8268					
<b>ROCKER ARM BUSH</b> <i>Has Boring Allowance Only.</i>								
<b>B792</b>		19.000/.7480	21.000/.8268		20.83/.820	F100	B792	
		19.000/.7480	21.000/.8268					

82 Engine		Year	Cyl	Bore x Stroke	82		
3S-GE 1998cc Inline4 DOHC 4v		10/1985 - 09/1999	L4	86.0mm x 86.0mm			
3S-GTE 1998cc Inline4 DOHC 4v Turbo		05/1985 - 10/1995	L4	86.0mm x 86.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B8366A</b> STD, .25, .50, .75, 1.00		47.985/1.8892	51.004/2.0080	1.488/.0586	21.30/.839	F810	8366A IH
		48.000/1.8898	51.024/2.0088				
<b>RACE SERIES</b>							
<b>4B8366H</b> STD, .025, .25, .50		47.985/1.8892	51.004/2.0080	1.488/.0586	21.30/.839	F781	8366H IH
		48.000/1.8898	51.024/2.0088				
<b>RACE SERIES</b>							
<b>4B8366HX</b> STD		47.985/1.8892	51.004/2.0080	1.475/.0581	21.30/.839	F781	8366HX IH
		48.000/1.8898	51.024/2.0088				
<i>0.001" extra oil clearance on STD journal.</i>							





82		Continued ...						82
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B8366P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.985/1.8892 48.000/1.8898	51.004/2.0080 51.024/2.0088	1.488/.0586	21.30/.839	F780	8366 IH	
	<b>MAINS</b>							
<b>5M8361A</b> STD, .25, .50, .75	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F810	8361A UL	
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F810	8362A UL	
	<b>MAINS</b>							
<b>RACE SERIES</b> <b>5M8361H</b> STD, .025, .25, .50	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F780	8361H UL	
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F780	8362H UL	
	<b>MAINS</b>							
<b>RACE SERIES</b> <b>5M8361HX</b> STD	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.987/.0782	19.20/.756	F780	8361HX UL	
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.982/.0780	23.00/.906	F780	8362HX UL	
	<b>MAINS</b>							
<b>2T1689</b> STD, .125, .25, .50, .75	<b>THRUST</b>	63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL	
	<b>THRUST</b>							
<b>2T1689P</b> STD	<b>THRUST</b>	63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL	
	<b>THRUST</b>							
<b>4RB4087</b> UNB	<b>PISTON PIN BUSH</b>	21.977/.8652 22.009/.8665	23.980/.9441 24.000/.9449	1.220/.0480	26.40/1.039	F100	4RB4087	
	<b>PISTON PIN BUSH</b>							
<b>RB4087</b> UNB	<b>PISTON PIN BUSH</b>	21.977/.8652 22.009/.8665	23.980/.9441 24.000/.9449	1.220/.0480	26.40/1.039	F100	RB4087	
	<b>PISTON PIN BUSH</b>							

83		Engine	Year	Cyl	Bore x Stroke	83	
		3B 3431cc Inline4 OHV 2v Diesel	01/1979 - 12/1992	L4	102.0mm x 105.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8280A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	60.980/2.4008 61.000/2.4016	64.000/2.5197 64.021/2.5205	1.490/.0587	30.00/1.181	F780	8280 IH
	<b>CONROD</b>						
<b>4B8285A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	60.985/2.4010 61.001/2.4016	64.000/2.5197 64.025/2.5207	1.485/.0585	30.00/1.181	F810	8285A IH
	<b>CONROD</b>						
<b>5M1787A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>						
	1,2,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	27.60/1.087	F810	1787A IH
	3	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	33.93/1.336	F810	1788A(F) UL
<b>5M8374A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,3,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL
<b>2T8283</b> STD	<b>THRUST</b>	76.250/3.0020 76.500/3.0118	90.250/3.5531 90.500/3.5630		2.48/.098	F817	8283T UL
	<b>THRUST</b>						
<b>3C8071</b> STD	<b>CAMS</b>						
	1	47.159/1.8566 47.175/1.8573	51.030/2.0091 51.060/2.0102	1.915/.0754	24.00/.945	F23	8071
	2	46.959/1.8488 46.975/1.8494	51.030/2.0091 51.060/2.0102	2.014/.0793	20.00/.787	F23	8072
	3	46.759/1.8409 46.775/1.8415	51.030/2.0091 51.060/2.0102	2.115/.0833	24.00/.945	F23	8073





83		Continued ...						83
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
		<b>CAMS</b> <i>Suits from 09/1988 on.</i>						
<b>5C8205</b> STD	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205	
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206	
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/.0789	20.00/.787	F23	8207	
	4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/.0839	20.00/.787	F23	8208	
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/.0937	20.00/.787	F23	8209	
		<b>CAMS</b> <i>Suits from 09/1984 to 06/1986.</i>						
<b>5C8215</b> STD	1	53.450/2.1043 53.475/2.1053	56.500/2.2244 56.530/2.2256	1.505/.0593	20.00/.787	F23	8215	
	2	53.200/2.0945 53.225/2.0955	56.250/2.2146 56.280/2.2157	1.505/.0593	20.00/.787	F23	8216	
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217	
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218	
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219	
		<b>CAMS</b> <i>Suits from 06/1986 to 08/1988.</i>						
<b>5C8217</b> STD	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205	
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206	
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217	
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218	
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219	
		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
<b>4RB4076</b> UNB		32.010/1.2602	36.030/1.4185	2.110/.0831	31.75/1.250	F100	4RB4076	
		32.010/1.2602	36.030/1.4185					
		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
<b>4RB4095</b> UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	4RB4095	
		32.010/1.2602	36.030/1.4185					
		<b>PISTON PIN BUSH</b>						
<b>RB4076</b> UNB		32.010/1.2602	36.030/1.4185	2.110/.0831	31.75/1.250	F100	RB4076	
		32.010/1.2602	36.030/1.4185					
		<b>PISTON PIN BUSH</b>						
<b>RB4095</b> UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	RB4095	
		32.010/1.2602	36.030/1.4185					

84		Engine	Year	Cyl	Bore x Stroke	84	
		3RZ-FE 2693cc Inline4 DOHC 4v	07/1996 - 12/2004	L4	95.0mm x 95.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
		<b>CONROD</b> <i>Suits from 8/1993.</i>					
<b>4B8414A</b> STD, .25, .50, .75, 1.00		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8414A IH
		<b>MAINS</b>					
<b>5M8378A</b> STD, .25, .50, .75, 1.00	1,5	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	25.18/.991	F810	8378A UL
	2,3,4	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	23.15/.911	F810	8377A UL

84 Continued ...							84
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T8377</b> STD	<b>THRUST</b>	65.250/2.5689	89.750/3.5335		2.49/.098	F817	8377T
		65.500/2.5787	90.000/3.5433				UL
<b>4BS8000</b> STD	<b>BALANCE</b>		41.519/1.6346	2.006/.0790	22.73/.895	F820	8001
			41.539/1.6354				
			42.000/1.6535	1.988/.0783	20.32/.800	F820	8000
			42.024/1.6545				
<b>4RB4257</b>	<b>PISTON PIN BUSH</b>		27.000/1.0630	1.535/.0604	26.00/1.024	F100	4RB4257
			27.030/1.0642				
<b>RB4257</b> UNB	<b>PISTON PIN BUSH</b>		27.000/1.0630	1.535/.0604	26.00/1.024	F100	RB4257
			27.030/1.0642				

85 Engine				Year	Cyl	Bore x Stroke	85
3S-FC 1998cc Inline4 DOHC 4v				01/1985 - 02/1993	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8360A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines with 48mm shaft.</i>					
		47.985/1.8892	51.000/2.0079	1.488/.0586	20.50/.807	F810	8360A
		48.000/1.8898	51.024/2.0088				IH
<b>5M8361A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
		54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
<b>RACE SERIES</b> <b>5M8361H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
		54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
<b>RACE SERIES</b> <b>5M8361HX</b> STD	<b>MAINS</b> 1,2,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
		54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
<b>2T1689</b> STD, .125, .25, .50, .75	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
<b>2T1689P</b> STD	<b>THRUST</b>	63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
<b>4RB4087</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
<b>RB4087</b> UNB	<b>PISTON PIN BUSH</b>	21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

86 Engine				Year	Cyl	Bore x Stroke	86
3S-FE 1998cc Inline4 DOHC 4v				01/1986 - 12/2002	L4	86.0mm x 86.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8360A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>For engines with 48mm shaft.</i>					
		47.985/1.8892	51.000/2.0079	1.488/.0586	20.50/.807	F810	8360A
		48.000/1.8898	51.024/2.0088				IH





86 Continued ...							86
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>For engines with 52mm shaft.</i>							
<b>4B8365A</b> STD, .25, .50, .75, 1.00		51.985/2.0466	55.000/2.1654	1.493/.0588	20.50/.807	F810	8365A
		52.000/2.0472	55.024/2.1663				IH
<b>MAINS</b>							
<b>5M8361A</b> STD, .25, .50, .75	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
<b>MAINS</b>							
<b>RACE SERIES</b> <b>5M8361H</b> STD, .025, .25, .50	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>5M8361HX</b> STD	1,2,4,5	54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
<b>THRUST</b>							
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
<b>THRUST</b>							
<b>2T1689P</b> STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL
<b>THRUST</b>							
<b>2T8363</b> STD, .25, .50		64.000/2.5197	76.000/2.9921		2.49/.098	F817	8363T
		64.250/2.5295					UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4087</b> UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	4RB4087
		22.009/.8665	24.000/.9449				
<b>PISTON PIN BUSH</b>							
<b>RB4087</b> UNB		21.977/.8652	23.980/.9441	1.220/.0480	26.40/1.039	F100	RB4087
		22.009/.8665	24.000/.9449				

87 Engine				Year	Cyl	Bore x Stroke	87
14B 3660cc Inline4 OHV 2v Diesel				09/1988 - On	L4	102.0mm x 112.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Oil slot in bearing.</i>							
<b>4B8285A</b> STD, .25, .50, .75, 1.00		60.985/2.4010	64.000/2.5197	1.485/.0585	30.00/1.181	F810	8285A
		61.001/2.4016	64.025/2.5207				IH
<b>MAINS</b> <i>Requires thrustwashers.</i>							
<b>5M8374A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	69.980/2.7551	75.000/2.9528	2.490/.0980	26.90/1.059	F810	8374A
		70.000/2.7559	75.024/2.9537				UL
<b>THRUST</b> <i>For Engines Equipped with Thrust Washers</i>							
<b>2T8283</b> STD		76.250/3.0020	90.250/3.5531		2.48/.098	F817	8283T
		76.500/3.0118	90.500/3.5630				UL
<b>CAMS</b> <i>Suits from 09/1988 on.</i>							
<b>5C8205</b> STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205
		53.475/2.1053	57.530/2.2650				
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206
		53.225/2.0955	57.280/2.2551				
	3	52.950/2.0846	57.000/2.2441	2.005/.0789	20.00/.787	F23	8207
		52.975/2.0856	57.030/2.2453				
	4	52.700/2.0748	57.000/2.2441	2.130/.0839	20.00/.787	F23	8208
		52.725/2.0758	57.030/2.2453				
	5	52.450/2.0650	57.250/2.2539	2.380/.0937	20.00/.787	F23	8209
		52.475/2.0659	57.282/2.2552				

**87 Continued ... 87**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4095</b> UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	4RB4095
		32.010/1.2602	36.030/1.4185				
<b>PISTON PIN BUSH</b>							
<b>RB4095</b> UNB		32.010/1.2602	36.000/1.4173	2.110/.0831	32.80/1.291	F100	RB4095
		32.010/1.2602	36.030/1.4185				

**88 Engine Year Cyl Bore x Stroke 88**

11B 2977cc Inline4 OHV 2v Diesel 01/1985 - 12/1995 L4 95.0mm x 105.0mm  
 13B 3431cc Inline4 OHV 2v Diesel 09/1984 - 02/1995 L4 102.0mm x 105.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has 4mm oil hole at 11 degrees from centre.</i>								
<b>4B8280A</b> STD, .25, .50, .75, 1.00		60.980/2.4008	64.000/2.5197	1.490/.0587	30.00/1.181	F780	8280 IH	
		61.000/2.4016	64.021/2.5205					
<b>CONROD</b> <i>Oil slot in bearing.</i>								
<b>4B8285A</b> STD, .25, .50, .75, 1.00		60.985/2.4010	64.000/2.5197	1.485/.0585	30.00/1.181	F810	8285A IH	
		61.001/2.4016	64.025/2.5207					
<b>MAINS</b> <i>Requires thrustwashers.</i>								
<b>5M8374A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	69.980/2.7551	75.000/2.9528	2.490/.0980	26.90/1.059	F810	8374A UL	
		70.000/2.7559	75.024/2.9537					
<b>THRUST</b> <i>For Engines Equipped with Thrust Washers</i>								
<b>2T8283</b> STD		76.250/3.0020	90.250/3.5531		2.48/.098	F817	8283T UL	
		76.500/3.0118	90.500/3.5630					
<b>CAMS</b> <i>Suits from 09/1988 on.</i>								
<b>5C8205</b> STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205	
		53.475/2.1053	57.530/2.2650					
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206	
		53.225/2.0955	57.280/2.2551					
	3	52.950/2.0846	57.000/2.2441	2.005/.0789	20.00/.787	F23	8207	
		52.975/2.0856	57.030/2.2453					
	4	52.700/2.0748	57.000/2.2441	2.130/.0839	20.00/.787	F23	8208	
		52.725/2.0758	57.030/2.2453					
	5	52.450/2.0650	57.250/2.2539	2.380/.0937	20.00/.787	F23	8209	
		52.475/2.0659	57.282/2.2552					
	<b>CAMS</b> <i>Suits from 09/1984 to 06/1986.</i>							
	<b>5C8215</b> STD	1	53.450/2.1043	56.500/2.2244	1.505/.0593	20.00/.787	F23	8215
			53.475/2.1053	56.530/2.2256				
		2	53.200/2.0945	56.250/2.2146	1.505/.0593	20.00/.787	F23	8216
			53.225/2.0955	56.280/2.2157				
3		52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
4		52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
5		52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					
<b>CAMS</b> <i>Suits from 06/1986 to 08/1988.</i>								
<b>5C8217</b> STD		1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205
			53.475/2.1053	57.530/2.2650				
		2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206
			53.225/2.0955	57.280/2.2551				
	3	52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
	4	52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
	5	52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					





88 Continued ...								88
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4082</b> UNB		34.000/1.3386 34.010/1.3390	38.005/1.4963 38.025/1.4970	2.110/.0831	36.00/1.417	F100	4RB4082	
	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4095</b> UNB		32.010/1.2602 32.010/1.2602	36.000/1.4173 36.030/1.4185	2.110/.0831	32.80/1.291	F100	4RB4095	
	<b>PISTON PIN BUSH</b>							
<b>RB4082</b> UNB		34.000/1.3386 34.010/1.3390	38.005/1.4963 38.025/1.4970	2.110/.0831	36.00/1.417	F100	RB4082	
	<b>PISTON PIN BUSH</b>							
<b>RB4095</b> UNB		32.010/1.2602 32.010/1.2602	36.000/1.4173 36.030/1.4185	2.110/.0831	32.80/1.291	F100	RB4095	

89 Engine								89
12HT 3980cc Inline6 OHV 2v Turbo Diesel				Year	Cyl	Bore x Stroke		
				10/1985 - 10/1990	L6	91.0mm x 102.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>CONROD</b>		<i>Has oil hole and notch on left hand side.</i>					
<b>6B1360A</b> STD, .25, .50, .75		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.486/.0585	25.60/1.008	F810	1360A IH	
	<b>CONROD</b>		<i>Is plain and has notch on right hand side</i>					
<b>6B1376A</b> STD, .25, .50, .75		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.486/.0585	25.60/1.008	F810	1376A IH	
	<b>MAINS</b>							
<b>7M1388A</b> STD, .25, .50, .75, 1.00	1,2,3,5,6,7	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	22.46/.884	F810	1388A IH	
	4	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	29.60/1.165	F810	1389A IH	
	<b>THRUST</b>							
<b>2T1388</b> STD		76.250/3.0020 76.500/3.0118	89.750/3.5335 90.000/3.5433		2.98/.117	F817	1388T UL	
	<b>CAMS</b>							
<b>4C8052</b> STD	1	51.175/2.0148 51.175/2.0148	55.000/2.1654 55.020/2.1661	1.890/.0744	24.00/.945	F23	8052	
	2	50.975/2.0069 50.975/2.0069	55.000/2.1654 55.020/2.1661	1.990/.0783	20.00/.787	F23	8053	
	3	50.775/1.9990 50.775/1.9990	55.000/2.1654 55.020/2.1661	2.090/.0823	20.00/.787	F23	8054	
	4	50.575/1.9911 50.575/1.9911	55.020/2.1661 55.000/2.1654	2.190/.0862	24.00/.945	F23	8055	
	<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4242</b> UNB			36.000/1.4173 36.030/1.4185	2.040/.0803	31.00/1.221	F100	6RB4242	
	<b>PISTON PIN BUSH</b>		<i>Single piece.</i>					
<b>RB4242</b> UNB			36.000/1.4173 36.030/1.4185	2.040/.0803	31.00/1.221	F100	RB4242	

90 Engine								90
16R 1808cc Inline4 OHV 2v				Year	Cyl	Bore x Stroke		
				08/1973 - 11/1982	L4	88.5mm x 73.5mm		
18R 1968cc Inline4 SOHC 2v				Year	Cyl	Bore x Stroke		
				01/1967 - 11/1983	L4	88.5mm x 80.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
	<b>CONROD</b>							
<b>4B1701A</b> STD, 010, 020, 030, 040, 060		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH	
	<b>MAINS</b>		<i>Has integral thrust flanges.</i>					
<b>5M1697A</b> STD, 010, 020, 030, 040, 060	1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A IH	



90 Continued ...							90
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1697A</b> STD, 010, 020, 030, 040, 060	3	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	35.98/1.417	F780	1698A(F) IH
<b>MAINS</b>		<i>Requires thrust washer.</i>					
<b>5M1699A</b> STD, 010, 020, 030, 040	1,2,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A IH
	3	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	27.94/1.100	F810	1699A IH
<b>THRUST</b>		<i>1.99 mm thick.</i>					
<b>2T1703</b> STD		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		1.99/.078	F817	1703T UL
<b>CAMS</b>							
<b>4C8076</b> STD	1(L)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8077AL(F) L
	1(U)	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
	2,3,4	34.972/1.3768 34.996/1.3778	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F23	8076 IH
<b>AUX</b>							
<b>2BS8286</b> STD	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
<b>PISTON PIN BUSH</b>							
<b>RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

91 Engine	Year	Cyl	Bore x Stroke	91
1A 1452cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	77.5mm x 77.0mm	
1A-C 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	77.5mm x 77.0mm	
1A-U 1453cc Inline4 SOHC 2v	01/1978 - 12/1979	L4	77.5mm x 77.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has left hand notch 3.95mm wide.</i>					
<b>4B1690A</b> STD, .25, .50, .75		39.985/1.5742 40.000/1.5748	43.000/1.6929 43.024/1.6939	1.498/.0590	17.10/.673	F810	1690A IH
<b>MAINS</b>		<i>Full grooved set.</i>					
<b>5M1704A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1704A IH
<b>THRUST</b>							
<b>2T1695</b> STD		53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984		2.49/.098	F817	1695T UL

92 Engine	Year	Cyl	Bore x Stroke	92
1C 1839cc Inline4 SOHC 2v Diesel	01/1981 - 12/1992	L4	83.0mm x 85.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has left hand notch and is 23.70mm wide</i>					
<b>4B8370A</b> STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	23.70/.933	F810	8370A IH
<b>CONROD</b>		<i>Has left hand notch and is 18.90mm wide</i>					
<b>4B8371A</b> STD, .25, .50, .75, 1.00		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	18.90/.744	F810	8371A IH
<b>CONROD</b>		<i>Suits until 12/1995.</i>					
<b>4B8395A</b> STD, .25, .50, .75, 1.00		50.490/1.9878 50.500/1.9882	53.500/2.1063 53.520/2.1071	1.482/.0583	23.10/.909	F810	8395A IH





92 Continued ...							92		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>5M8372A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Is 22mm wide. Suits until 08/1985.</i>		56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	22.00/.866	F810	8372A UL
<b>5M8373A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Is 20mm wide. Suits from 09/1985 to 08/1990.</i>		56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	20.00/.787	F810	8373A UL
<b>5M8399A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Suits from 09/1990.</i>		56.980/2.2433 57.000/2.2441	61.000/2.4016 61.020/2.4024	1.990/.0783	22.00/.866	F810	8399A UL
<b>2T8372</b> STD	<b>THRUST</b>	63.000/2.4803 63.250/2.4902	76.550/3.0138 76.800/3.0236		2.72/.107	F817	8372T UL		
<b>4RB4097</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered bush. Set of 4.</i>		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.030/1.1823	1.630/.0642	28.00/1.102	F100	4RB4097
<b>4RB4247</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	4RB4247
<b>RB4097</b> UNB	<b>PISTON PIN BUSH</b>	<i>Tapered Bush.</i>		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.030/1.1823	1.630/.0642	28.00/1.102	F100	RB4097
<b>RB4247</b> UNB	<b>PISTON PIN BUSH</b>		30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	RB4247		

93 Engine				Year	Cyl	Bore x Stroke	93		
1C-T 1839cc Inline4 OHV 2v Turbo Diesel				08/1983 - 01/1985	L4	83.0mm x 85.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B8370A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has left hand notch and is 23.70mm wide</i>		50.480/1.9874 50.500/1.9882	53.504/2.1065 53.524/2.1072	1.482/.0583	23.70/.933	F810	8370A IH
<b>5M8372A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Is 22mm wide. Suits until 08/1985.</i>		56.980/2.2433 57.000/2.2441	61.004/2.4017 61.024/2.4025	1.990/.0783	22.00/.866	F810	8372A UL
<b>2T8372</b> STD	<b>THRUST</b>	63.000/2.4803 63.250/2.4902	76.550/3.0138 76.800/3.0236		2.72/.107	F817	8372T UL		
<b>4RB4247</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	4RB4247
<b>RB4247</b> UNB	<b>PISTON PIN BUSH</b>		30.000/1.1811 30.030/1.1823	1.540/.0606	27.50/1.083	F100	RB4247		

94 Engine				Year	Cyl	Bore x Stroke	94		
13BT 3431cc Inline4 OHV 2v Turbo Diesel				09/1984 - 12/1990	L4	102.0mm x 105.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B8280A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has 4mm oil hole at 11 degrees from centre.</i>		60.980/2.4008 61.000/2.4016	64.000/2.5197 64.021/2.5205	1.490/.0587	30.00/1.181	F780	8280 IH
<b>4B8285A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Oil slot in bearing.</i>		60.985/2.4010 61.001/2.4016	64.000/2.5197 64.025/2.5207	1.485/.0585	30.00/1.181	F810	8285A IH



94 Continued ...							94
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M8374A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Requires thrustwashers.</i>					
	1,2,3,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL
<b>2T8283</b> STD		<b>THRUST</b> <i>For Engines Equipped with Thrust Washers</i>					
		76.250/3.0020 76.500/3.0118	90.250/3.5531 90.500/3.5630		2.48/.098	F817	8283T UL
<b>5C8205</b> STD		<b>CAMS</b> <i>Suits from 09/1988 on.</i>					
	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206
	3	52.950/2.0846 52.975/2.0856	57.000/2.2441 57.030/2.2453	2.005/.0789	20.00/.787	F23	8207
	4	52.700/2.0748 52.725/2.0758	57.000/2.2441 57.030/2.2453	2.130/.0839	20.00/.787	F23	8208
	5	52.450/2.0650 52.475/2.0659	57.250/2.2539 57.282/2.2552	2.380/.0937	20.00/.787	F23	8209
<b>5C8215</b> STD		<b>CAMS</b> <i>Suits from 09/1984 to 06/1986.</i>					
	1	53.450/2.1043 53.475/2.1053	56.500/2.2244 56.530/2.2256	1.505/.0593	20.00/.787	F23	8215
	2	53.200/2.0945 53.225/2.0955	56.250/2.2146 56.280/2.2157	1.505/.0593	20.00/.787	F23	8216
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219
<b>5C8217</b> STD		<b>CAMS</b> <i>Suits from 06/1986 to 08/1988.</i>					
	1	53.450/2.1043 53.475/2.1053	57.500/2.2638 57.530/2.2650	2.005/.0789	20.00/.787	F23	8205
	2	53.200/2.0945 53.225/2.0955	57.250/2.2539 57.280/2.2551	2.005/.0789	20.00/.787	F23	8206
	3	52.950/2.0846 52.975/2.0856	56.000/2.2047 56.030/2.2059	1.505/.0593	20.00/.787	F23	8217
	4	52.700/2.0748 52.725/2.0758	56.000/2.2047 56.030/2.2059	1.630/.0642	20.00/.787	F23	8218
	5	52.450/2.0650 52.475/2.0659	56.250/2.2146 56.280/2.2157	1.880/.0740	20.00/.787	F23	8219
<b>4RB4076</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>					
		32.010/1.2602 32.010/1.2602	36.030/1.4185 36.030/1.4185	2.110/.0831	31.75/1.250	F100	4RB4076
<b>RB4076</b> UNB		<b>PISTON PIN BUSH</b>					
		32.010/1.2602 32.010/1.2602	36.030/1.4185 36.030/1.4185	2.110/.0831	31.75/1.250	F100	RB4076

95 Engine				Year	Cyl	Bore x Stroke	95
2D 6494cc Inline6 OHV 2v Diesel				01/1964 - 12/1978	L6	105.0mm x 125.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1356P</b> STD, 010, 020, 030, 040		<b>CONROD</b>					
		61.970/2.4398 61.990/2.4405	66.030/2.5996 66.050/2.6004	1.994/.0785	30.98/1.220	F780	1356 IH
<b>7M1357P</b> STD, 010, 020, 030, 040, 060		<b>MAINS</b>					
	1,2,3,5,6,7	74.970/2.9516 74.990/2.9524	81.030/3.1902 81.050/3.1909	2.990/.1177	34.03/1.340	F780	1357 IH
	4	74.970/2.9516 74.990/2.9524	81.030/3.1902 81.050/3.1909	2.990/.1177	49.02/1.930	F780	1358 IH





95 Continued ...							95
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1357</b> STD	<b>THRUST</b>		100.000/3.9370		2.98/.117	F817	1357T UL
<b>6RB4248</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6. Suits 40mm tunnel, engines up to 8/1976.</i>					
		34.000/1.3386 34.030/1.3398	40.000/1.5748	3.030/.1193	37.00/1.457	F100	6RB4248
<b>6RB4249</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6. Suits 38mm tunnel, engines from 9/1976.</i>					
		34.000/1.3386 34.030/1.3398	38.000/1.4961	2.030/.0799	37.00/1.457	F100	6RB4249
<b>RB4248</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 40mm tunnel, engines up to 8/1976.</i>					
		34.000/1.3386 34.030/1.3398	40.000/1.5748	3.030/.1193	37.00/1.457	F100	RB4248
<b>RB4249</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 38mm tunnel, engines from 9/1976.</i>					
		34.000/1.3386 34.030/1.3398	40.000/1.5748	2.030/.0799	37.00/1.457	F100	RB4249

96 Engine			Year	Cyl	Bore x Stroke	96	
2F 4230cc Inline6 OHV 2v			01/1975 - 04/1990	L6	94.0mm x 101.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B7971A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	53.980/2.1252 54.000/2.1260	56.800/2.2362 56.820/2.2370	1.380/.0543	32.89/1.295	F810	7971A IH
<b>4M7982A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Bearings have locating notches.</i>					
	1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.034/2.8360	2.497/.0983	32.13/1.265	F810	7982A UL
	2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.536/2.8951	2.497/.0983	30.12/1.186	F810	7983A IH
	3	69.976/2.7550 70.000/2.7559	75.010/2.9531 75.034/2.9541	2.492/.0981	35.94/1.415	F810	7984A(F) IH
	4	71.470/2.8138 71.500/2.8150	76.500/3.0118 76.535/3.0132	2.497/.0983	40.13/1.580	F810	7985A UL
<b>4C7979</b> STD	<b>CAMS</b>						
	1	47.955/1.8880 47.975/1.8888	52.000/2.0472 52.035/2.0486	2.014/.0793	29.23/1.151	F23	7976
	2	46.455/1.8289 46.475/1.8297	50.500/1.9882 50.535/1.9896	2.014/.0793	24.25/.955	F23	7977
	3	44.955/1.7699 44.975/1.7707	49.000/1.9291 49.030/1.9303	2.014/.0793	24.25/.955	F23	7970
	4	43.455/1.7108 43.475/1.7116	47.500/1.8701 47.530/1.8713	2.014/.0793	25.25/.994	F23	7979

97 Engine			Year	Cyl	Bore x Stroke	97	
2H 3980cc Inline6 OHV 2v Diesel			05/1980 - 12/1990	L6	91.0mm x 102.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B1360A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Has oil hole and notch on left hand side.</i>					
		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.486/.0585	25.60/1.008	F810	1360A IH
<b>6B1361A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and is 27.55mm wide.</i>					
		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	27.55/1.085	F810	1361A IH
<b>7M1388A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,2,3,5,6,7	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	22.46/.884	F810	1388A IH
	4	69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	29.60/1.165	F810	1389A IH

**97** Continued ... **97**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2T1362</b> STD	<b>THRUST</b>	75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T	
		76.200/3.0000	89.660/3.5299				UL	
<b>2T1388</b> STD	<b>THRUST</b>	76.250/3.0020	89.750/3.5335		2.98/.117	F817	1388T	
		76.500/3.0118	90.000/3.5433				UL	
<b>4C8052</b> STD	<b>CAMS</b>	1	51.175/2.0148	55.000/2.1654	1.890/.0744	24.00/.945	F23	8052
			51.175/2.0148	55.020/2.1661				
		2	50.975/2.0069	55.000/2.1654	1.990/.0783	20.00/.787	F23	8053
			50.975/2.0069	55.020/2.1661				
		3	50.775/1.9990	55.000/2.1654	2.090/.0823	20.00/.787	F23	8054
		50.775/1.9990	55.020/2.1661					
		50.575/1.9911	55.020/2.1661	2.190/.0862	24.00/.945	F23	8055	
		50.575/1.9911	55.000/2.1654					
<b>4C8065</b> STD	<b>CAMS</b>	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
			47.180/1.8575	51.019/2.0086				
		2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
			46.980/1.8496	51.019/2.0086				
		3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
		46.780/1.8417	51.019/2.0086					
		46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8065	
		46.580/1.8339	51.019/2.0086					
<b>4RB4023</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>						
		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	4RB4023	
		27.012/1.0635	30.021/1.1819					
<b>4RB4070</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>						
		29.000/1.1417	33.000/1.2992	2.250/.0886	31.00/1.221	F100	4RB4070	
		29.000/1.1417	33.030/1.3004					
<b>RB4023</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece.</i>						
		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	RB4023	
		27.012/1.0635	30.021/1.1819					
<b>RB4070</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece.</i>						
		29.000/1.1417	33.000/1.2992	2.250/.0886	31.00/1.221	F100	RB4070	
		29.000/1.1417	33.030/1.3004					

**98** Engine **Year** **Cyl** **Bore x Stroke** **98**  
 2J 2481cc Inline4 OHV 2v Diesel 01/1968 - 12/1979 L4 88.0mm x 102.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1361A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	54.980/2.1646	58.000/2.2835	1.485/.0585	27.55/1.085	F810	1361A	
		55.000/2.1654	58.020/2.2842				IH	
<b>5M1362A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4,5	69.980/2.7551	74.000/2.9134	1.989/.0783	24.63/.970	1362A	
			70.000/2.7559	74.021/2.9142			IH	
		3	69.980/2.7551	74.000/2.9134	1.989/.0783	31.37/1.235	F810	1365A
		70.000/2.7559	74.021/2.9142				IH	
<b>5M8258A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4,5	69.980/2.7551	74.000/2.9134	1.986/.0782	22.60/.890	8258A	
			70.000/2.7559	74.030/2.9146			IH	
		3	69.980/2.7551	74.000/2.9134	1.986/.0782	29.60/1.165	F810	8259A
		70.000/2.7559	74.030/2.9146				IH	
<b>2T1362</b> STD	<b>THRUST</b>	75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T	
		76.200/3.0000	89.660/3.5299				UL	
<b>4C8056</b> STD	<b>CAMS</b>	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
			47.180/1.8575	51.019/2.0086				





98 Continued ...							98	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4C8056</b> STD	2	46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/.0789	20.00/.787	F23	8057	
	3	46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/.0829	20.00/.787	F23	8058	
	4	46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/.0868	24.00/.945	F23	8059	
	<b>CAMS</b>							
<b>4C8065</b> STD	1	47.164/1.8568 47.180/1.8575	51.000/2.0079 51.019/2.0086	1.905/.0750	24.00/.945	F23	8056	
	2	46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/.0789	20.00/.787	F23	8057	
	3	46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/.0829	20.00/.787	F23	8058	
	4	46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/.0868	24.00/.945	F23	8065	
<b>4RB4023</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 6.</i>		27.000/1.0630 27.012/1.0635	30.000/1.1811 30.021/1.1819	1.730/.0681	30.50/1.201	F100	4RB4023
	<b>4RB4244</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>		30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4244
<b>RB4244</b> UNB		<b>PISTON PIN BUSH</b> <i>Single piece.</i>		30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4244

99 Engine				Year	Cyl	Bore x Stroke	99	
2B 3168cc Inline4 OHV 2v Diesel				08/1977 - 08/1983	L4	98.0mm x 105.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1786A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b> <i>Has a 4mm oil hole at 10 degrees from centre.</i>							
			58.980/2.3220 59.000/2.3228	62.000/2.4409 62.020/2.4417	1.487/.0585	30.00/1.181	F810	1786A IH
<b>5M1787A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> <i>Fully grooved set with integral flanges.</i>							
	1,2,4,5		69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	27.60/1.087	F810	1787A IH
	3		69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	33.93/1.336	F810	1788A(F) UL
<b>3C8071</b> STD	<b>CAMS</b> <i>Suits up to 08/1984.</i>							
	1		47.159/1.8566 47.175/1.8573	51.030/2.0091 51.060/2.0102	1.915/.0754	24.00/.945	F23	8071
	2		46.959/1.8488 46.975/1.8494	51.030/2.0091 51.060/2.0102	2.014/.0793	20.00/.787	F23	8072
<b>4RB4065</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>		29.000/1.1417 29.012/1.1422	33.000/1.2992 33.025/1.3002	2.110/.0831	32.00/1.260	F100	4RB4065
	<b>RB4065</b> UNB	<b>PISTON PIN BUSH</b> <i>Single piece.</i>		29.000/1.1417 29.012/1.1422	33.000/1.2992 33.025/1.3002	2.110/.0831	32.00/1.260	F100

100 Engine				Year	Cyl	Bore x Stroke	100
2L-T 2446cc Inline4 SOHC 2v Diesel				08/1983 - 12/2000	L4	92.0mm x 92.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1720A</b> STD, 010, 020, 030, 040	<b>CONROD</b>						
			54.985/2.1648 55.000/2.1654	58.004/2.2836 58.024/2.2844	1.486/.0585	26.00/1.024	F810



100		Continued ...						100
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1728A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Set is half grooved.</i>						
	1,2,3,4,5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1727A U	
	1-5	61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1728A L	
<b>2T1727</b> STD	<b>THRUST</b>	70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165		2.49/.098	F817	1727T UL	
	<b>CAMS</b>	<i>Suits until 08/1988.</i>						
<b>3C8074</b> STD	1	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8075AL(F) L	
	1,2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL U	
	2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL L	
	<b>CAMS</b>	1	34.959/1.3763 34.975/1.3770	38.014/1.4966 38.038/1.4976	1.504/.0592	32.63/1.285	F820	8094AL(F) IH
<b>5C8094</b> STD, .125, .25	2,3,4,5	27.959/1.1007 27.975/1.1014	31.014/1.2210 31.038/1.2220	1.504/.0592	17.50/.689	F820	8095AL IH	
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 29mm shaft.</i>						
<b>4RB4080</b> UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	4RB4080	
	<b>PISTON PIN BUSH</b>	<i>Tapered Bush. Set of 4. Suits 29mm shaft.</i>						
<b>4RB4093</b> UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	4RB4093	
	<b>PISTON PIN BUSH</b>	<i>Suits 29mm shaft.</i>						
<b>RB4080</b> UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	RB4080	
	<b>PISTON PIN BUSH</b>	<i>Tapered bush. Suits 29mm shaft.</i>						
<b>RB4093</b> UNB			32.000/1.2598 32.020/1.2606	1.700/.0669	31.00/1.221	F100	RB4093	

101		Engine	Year	Cyl	Bore x Stroke	101	
		1RZ 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	86.0mm x 86.0mm		
		1RZ-E 1998cc Inline4 SOHC 2v	08/1989 - 12/2005	L4	86.0mm x 86.0mm		
		2RZ 2438cc Inline4 SOHC 2v	08/1989 - 09/1998	L4	95.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8376A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Suits until 07/1993.</i>					
		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8376A IH
<b>4B8414A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Suits from 8/1993.</i>					
		52.987/2.0861 53.000/2.0866	56.000/2.2047 56.024/2.2057	1.485/.0585	19.83/.781	F810	8414A IH
<b>5M8378A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>						
	1,5	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	25.18/.991	F810	8378A UL
	2,3,4	59.987/2.3617 60.000/2.3622	64.000/2.5197 64.024/2.5206	1.990/.0783	23.15/.911	F810	8377A UL
	<b>THRUST</b>	65.250/2.5689 65.500/2.5787	89.750/3.5335 90.000/3.5433		2.49/.098	F817	8377T UL
<b>2T8377</b> STD	<b>PISTON PIN BUSH</b>						
			27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	4RB4257
<b>4RB4257</b>	<b>PISTON PIN BUSH</b>						
			27.000/1.0630 27.030/1.0642	1.535/.0604	26.00/1.024	F100	RB4257





102 Engine		Year		Cyl	Bore x Stroke		102
2S,2S-E 1995cc Inline4 SOHC 2v		01/1982 - 12/1987		L4	84.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>For engines with 48mm shaft.</i>							
<b>4B8360A</b> STD, .25, .50, .75, 1.00		47.985/1.8892	51.000/2.0079	1.488/.0586	20.50/.807	F810	8360A
		48.000/1.8898	51.024/2.0088				IH
<b>MAINS</b>							
<b>5M8361A</b> STD, .25, .50, .75	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F810	8361A
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F810	8362A
		55.000/2.1654	59.038/2.3243				UL
<b>RACE SERIES</b>							
<b>5M8361H</b> STD, .025, .25, .50	1,2,4,5	54.985/2.1648	59.020/2.3236	2.000/.0787	19.20/.756	F780	8361H
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.995/.0785	23.00/.906	F780	8362H
		55.000/2.1654	59.038/2.3243				UL
<b>RACE SERIES</b>							
<b>5M8361HX</b> STD	1,2,4,5	54.985/2.1648	59.020/2.3236	1.987/.0782	19.20/.756	F780	8361HX
		55.000/2.1654	59.038/2.3243				UL
	3	54.985/2.1648	59.020/2.3236	1.982/.0780	23.00/.906	F780	8362HX
		55.000/2.1654	59.038/2.3243				UL
<b>THRUST</b>							
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL

103 Engine		Year		Cyl	Bore x Stroke		103
2T-GEU 1588cc Inline4 DOHC 2v		01/1975 - 12/1981		L4	85.0mm x 70.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>3mm oil hole at 39°, suits up to 8/1982.</i>							
<b>4B1686A</b> STD, 010, 020, 030, 040, 060		47.976/1.8888	51.000/2.0079	1.488/.0586	19.84/.781	F810	1686A
		48.000/1.8898	51.024/2.0088				IH
<b>MAINS</b> <i>Suits from 09/1971.</i>							
<b>5M1689A</b> STD, .25, .50, .75, 1.00, 1.50	1,2,3,4,5	57.976/2.2825	62.000/2.4409	1.991/.0784	20.82/.820	F810	1689A
		58.000/2.2835	62.024/2.4419				IH
<b>THRUST</b>							
<b>2T1689</b> STD, .125, .25, .50, .75		63.800/2.5118	75.740/2.9819		2.49/.098	F817	1689AT
		64.050/2.5216	76.000/2.9921				UL
<b>THRUST</b>							
<b>2T1689P</b> STD		63.800/2.5118	75.740/2.9819		2.49/.098	F780	1689T
		64.050/2.5216	76.000/2.9921				UL

104 Engine		Year		Cyl	Bore x Stroke		104
2L 2446cc Inline4 SOHC 2v Diesel		02/1982 - 09/1997		L4	92.0mm x 92.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1720A</b> STD, 010, 020, 030, 040		54.985/2.1648	58.004/2.2836	1.486/.0585	26.00/1.024	F810	1720A
		55.000/2.1654	58.024/2.2844				IH
<b>CONROD</b> <i>Is plain with no oil hole.</i>							
<b>4B1730A</b> STD, 010, 020, 030, 040, 050		52.988/2.0861	56.000/2.2047	1.485/.0585	25.90/1.020	F810	1730A
		53.000/2.0866	56.020/2.2055				IH
<b>MAINS</b> <i>Set is fully grooved.</i>							
<b>5M1727A</b> STD, 010, 020, 030, 040, 060	1,2,3,4,5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1727A
		62.000/2.4409	66.020/2.5992				IH
<b>MAINS</b> <i>Set is half grooved.</i>							
<b>5M1728A</b> STD, 010, 020, 030, 040	1,2,3,4,5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1727A
		62.000/2.4409	66.020/2.5992				U
	1-5	61.980/2.4402	66.000/2.5984	1.986/.0782	27.56/1.085	F810	1728A
		62.000/2.4409	66.020/2.5992				L

104		Continued ...						104
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2T1727</b> STD	<b>THRUST</b>	70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165		2.49/.098	F817	1727T UL	
<b>3C8074</b> STD	<b>CAMS</b>	<i>Suits until 08/1988.</i>						
	1	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8075AL(F) L	
	1,2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL U	
	2,3	34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL L	
<b>5C8094</b> STD, .125, .25	<b>CAMS</b>							
	1	34.959/1.3763 34.975/1.3770	38.014/1.4966 38.038/1.4976	1.504/.0592	32.63/1.285	F820	8094AL(F) IH	
	2,3,4,5	27.959/1.1007 27.975/1.1014	31.014/1.2210 31.038/1.2220	1.504/.0592	17.50/.689	F820	8095AL IH	
<b>4RB4080</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 29mm shaft.</i>						
			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	4RB4080	
<b>4RB4100</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 27mm shaft.</i>						
			30.000/1.1811 30.021/1.1819	1.520/.0598	31.00/1.221	F100	4RB4100	
<b>4RB4252</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Suits 27mm shaft.</i>						
			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4252	
<b>RB4080</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 29mm shaft.</i>						
			32.000/1.2598 32.020/1.2606	1.700/.0669	30.50/1.201	F100	RB4080	
<b>RB4100</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 27mm shaft.</i>						
			30.000/1.1811 30.021/1.1819	1.520/.0598	31.00/1.221	F100	RB4100	
<b>RB4252</b> UNB	<b>PISTON PIN BUSH</b>	<i>Suits 27mm shaft.</i>						
			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4252	

105		Engine	Year	Cyl	Bore x Stroke	105	
		1HD-T 4164cc Inline6 SOHC 2v Turbo Diesel	01/1988 - 12/1995	L6	94.0mm x 100.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B8396A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH
<b>RACE SERIES</b> <b>6B8396H</b> STD, .025, .25	<b>CONROD</b>	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.489/.0586	23.55/.927	F781	8396H IH
<b>RACE SERIES</b> <b>6B8396HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.476/.0581	23.55/.927	F781	8396HX IH
<b>7M8397A</b> STD, .25, .50, .75	<b>MAINS</b>	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	F810	8397A UL
<b>RACE SERIES</b> <b>7M8397H</b> STD, .025, .25	<b>MAINS</b>	1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	F780	8397H UL
<b>RACE SERIES</b> <b>7M8397HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
		1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	F780	8397HX UL





105 Continued ...							105
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T8397</b> STD	<b>THRUST</b>	73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
<b>6RB4243</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>		1.530/.0602	30.50/1.201	F100	6RB4243
<b>RB4243</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece.</i>		1.530/.0602	30.50/1.201	F100	RB4243

106 Engine				Year	Cyl	Bore x Stroke	106
1HZ 4164cc Inline6 SOHC 2v Diesel				01/1988 - On	L6	94.0mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B8396A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH
<b>RACE SERIES</b> <b>6B8396H</b> STD, .025, .25	<b>CONROD</b>	58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.489/.0586	23.55/.927	F781	8396H IH
<b>RACE SERIES</b> <b>6B8396HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.476/.0581	23.55/.927	F781	8396HX IH
<b>7M8397A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	22.10/.870	F810	8397A UL
<b>RACE SERIES</b> <b>7M8397H</b> STD, .025, .25	<b>MAINS</b> 1,2,3,4,5,6,7	66.995/2.6376 67.005/2.6380	70.982/2.7946 71.000/2.7953	1.979/.0779	22.10/.870	F780	8397H UL
<b>RACE SERIES</b> <b>7M8397HX</b> STD	<b>MAINS</b> 1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		1.979/.0779	22.10/.870	F780	8397HX UL
<b>2T8397</b> STD	<b>THRUST</b>	73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
<b>1C8398A</b> STD	<b>CAMS</b>	34.969/1.3767 34.985/1.3774	38.020/1.4968 34.040/1.3402	1.504/.0592	28.75/1.132	F810	8398A IH
<b>4RB4090</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>		1.700/.0669	27.20/1.071	F100	4RB4090
<b>RB4090</b> UNB	<b>PISTON PIN BUSH</b>	<i>Single piece.</i>		1.700/.0669	27.20/1.071	F100	RB4090

107 Engine				Year	Cyl	Bore x Stroke	107
1KZ-TE 2982cc Inline4 SOHC 2v Turbo Diesel				01/1993 - On	L4	96.0mm x 103.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1850A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	58.982/2.3221 59.000/2.3228	62.014/2.4415 62.032/2.4422	1.489/.0586	24.60/.969	F810	1850A IH
<b>5M1852A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	69.982/2.7552 70.000/2.7559	75.000/2.9528 75.018/2.9535	2.485/.0978	23.80/.937	F810	1852A UL
<b>2T1852</b> STD	<b>THRUST</b>	76.250/3.0020 76.500/3.0118	90.670/3.5697 90.920/3.5795		2.48/.098	F817	1852T UL

107 Continued ...							107
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 6. Has 2 oil holes.</i>							
<b>4RB4250</b> UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	4RB4250
<b>PISTON PIN BUSH</b> <i>Has 2 oil holes.</i>							
<b>RB4250</b> UNB		33.990/1.3382 34.000/1.3386	37.000/1.4567 37.030/1.4579	1.530/.0602	31.50/1.240	F100	RB4250

108 Engine				Year	Cyl	Bore x Stroke	108
1PZ 3470cc Inline5 SOHC 2v Diesel				01/1988 - 02/1993	L5	94.0mm x 100.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>5B8396A</b> STD, .25, .50, .75		58.995/2.3226 59.005/2.3230	62.014/2.4415 62.032/2.4422	1.492/.0587	23.55/.927	F810	8396A IH
<b>MAINS</b>							
<b>6M8397A</b> STD, .25, .50, .75	1,2,3,4,5,6	66.995/2.6376 67.005/2.6380	71.000/2.7953 71.018/2.7960	1.980/.0780	22.10/.870	F810	8397A UL
<b>THRUST</b>							
<b>2T8397</b> STD		73.450/2.8917 73.700/2.9016	86.450/3.4035 86.700/3.4134		2.98/.117	F817	8397T UL
<b>CAMS</b>							
<b>1C8398A</b> STD		34.969/1.3767 34.985/1.3774	38.020/1.4968 34.040/1.3402	1.504/.0592	28.75/1.132	F810	8398A IH
<b>PISTON PIN BUSH</b> <i>Set of 5.</i>							
<b>5RB4090</b> UNB		29.000/1.1417 29.012/1.1422	32.000/1.2598 32.030/1.2610	1.700/.0669	27.20/1.071	F100	5RB4090
<b>PISTON PIN BUSH</b> <i>Single piece.</i>							
<b>RB4090</b> UNB		29.000/1.1417 29.012/1.1422	32.000/1.2598 32.030/1.2610	1.700/.0669	27.20/1.071	F100	RB4090

109 Engine				Year	Cyl	Bore x Stroke	109
1FZ-FE 4476cc Inline6 DOHC 4v				01/1990 - 12/2006	L6	100.0mm x 95.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B7990A</b> STD, .25, .50, .75, 1.00		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.745/.0687	21.40/.843	F810	7990A IH
<b>RACE SERIES</b>							
<b>6B7990H</b> STD, .025, .25		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.745/.0687	21.40/.843	F781	7990H IH
<b>RACE SERIES</b>							
<b>6B7990HX</b> STD		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.732/.0682	21.40/.843	F781	7990HX IH
<b>CONROD</b>							
<b>6B7990P</b> STD, .25, .50, .75, 1.00		56.980/2.2433 57.000/2.2441	60.520/2.3827 60.540/2.3835	1.745/.0687	21.40/.843	F780	7990 IH
<b>MAINS</b>							
<b>7M7989A</b> STD, .25, .50	1,2,3,4,5,6,7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.492/.0981	23.40/.921	F810	7989A UL
<b>RACE SERIES</b>							
<b>7M7989H</b> STD, .025, .25	1,2,3,4,5,6,7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.489/.0980	23.40/.921	F780	7989H UL
<b>RACE SERIES</b>							
<b>7M7989HX</b> STD	1,2,3,4,5,6,7	68.980/2.7157 69.000/2.7165	74.020/2.9142 74.040/2.9150	2.476/.0975	23.40/.921	F780	7989HX UL
<b>THRUST</b>							
<b>2T7989</b> STD		75.250/2.9626 75.500/2.9724	93.500/3.6811 93.750/3.6909		2.49/.098	F817	7989T UL





**109 Continued ... 109**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6RB4098</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>		28.010/1.1028	1.220/.0480	28.00/1.102	F100
			28.030/1.1035	6RB4098			
<b>RB4098</b> UNB	<b>PISTON PIN BUSH</b>		28.010/1.1028	1.220/.0480	28.00/1.102	F100	RB4098
			28.030/1.1035				

**110 Engine 110**  
**20R 2189cc Inline4 SOHC 2v**      **Year** 01/1973 - 04/1982      **Cyl** L4      **Bore x Stroke** 88.5mm x 88.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1701A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH	
		53.000/2.0866	56.022/2.2056					
<b>5M1703A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Full groove.</i>		2.000/.0787	21.97/.865	F810	1697A IH	
		1,2,4,5	59.976/2.3613					64.000/2.5197
			60.000/2.3622	64.024/2.5206	2.000/.0787	24.00/.945	F810	1703A IH
		3	59.976/2.3613	64.000/2.5197				
		60.000/2.3622	64.024/2.5206					
<b>2T1703</b> STD	<b>THRUST</b>	<i>1.99 mm thick.</i>			1.99/.078	F817	1703T UL	
		66.250/2.6083	79.750/3.1398					
<b>2B58286</b> STD	<b>AUX</b>	1	45.950/1.8091	1.999/.0787	24.69/.972	F23	8286	
			45.970/1.8098					50.000/1.9685
		2	40.950/1.6122	1.999/.0787	19.91/.784	F23	8287	
			40.970/1.6130					45.001/1.7717
<b>4RB4028</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		1.230/.0484	27.80/1.095	F100	4RB4028	
		21.987/.8656	24.000/.9449					
		22.000/.8661	24.021/.9457					
<b>RB4028</b> UNB	<b>PISTON PIN BUSH</b>	21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028	
		22.000/.8661	24.021/.9457					

**111 Engine 111**  
**21R 1972cc Inline4 SOHC 2v**      **Year** 01/1978 - 01/1983      **Cyl** L4      **Bore x Stroke** 84.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1701A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>	52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH	
		53.000/2.0866	56.022/2.2056					
<b>5M1703A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Full groove.</i>		2.000/.0787	21.97/.865	F810	1697A IH	
		1,2,4,5	59.976/2.3613					64.000/2.5197
			60.000/2.3622	64.024/2.5206	2.000/.0787	24.00/.945	F810	1703A IH
		3	59.976/2.3613	64.000/2.5197				
		60.000/2.3622	64.024/2.5206					
<b>5M1705A</b> STD, 010, 020, 030, 040, 060	<b>MAINS</b>	<i>Half groove.</i>		2.000/.0787	21.97/.865	F810	1697A U	
		1,2,3,4,5	59.976/2.3613					64.000/2.5197
			60.000/2.3622	64.024/2.5206	2.000/.0787	21.97/.865	F810	1705A L
		1,2,3,4,5	59.976/2.3613	64.000/2.5197				
		60.000/2.3622	64.024/2.5206					
<b>2T1703</b> STD	<b>THRUST</b>	<i>1.99 mm thick.</i>			1.99/.078	F817	1703T UL	
		66.250/2.6083	79.750/3.1398					
		66.500/2.6181	80.000/3.1496					
<b>2B58286</b> STD	<b>AUX</b>	1	45.950/1.8091	1.999/.0787	24.69/.972	F23	8286	
			45.970/1.8098					50.000/1.9685
			2	40.950/1.6122	1.999/.0787	19.91/.784	F23	8287
				40.970/1.6130				

**111 Continued ... 111**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4028</b> UNB		21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	4RB4028
		22.000/.8661	24.021/.9457				
<b>PISTON PIN BUSH</b>							
<b>RB4028</b> UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

**112 Engine Year Cyl Bore x Stroke 112**

21R-C 1972cc Inline4 SOHC 2v 01/1982 - 12/1985 L4 84.0mm x 89.0mm  
 21R-U 1972cc Inline4 SOHC 2v 01/1982 - 12/1988 L4 84.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1701A</b> STD, 010, 020, 030, 040, 060		52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH
		53.000/2.0866	56.022/2.2056				
<b>MAINS</b> <i>Half groove.</i>							
<b>5M1705A</b> STD, 010, 020, 030, 040, 060	1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1705A L
		60.000/2.3622	64.024/2.5206				
	1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A U
		60.000/2.3622	64.024/2.5206				
<b>THRUST</b> <i>1.99 mm thick.</i>							
<b>2T1703</b> STD		66.250/2.6083	79.750/3.1398		1.99/.078	F817	1703T UL
		66.500/2.6181	80.000/3.1496				
<b>AUX</b>							
<b>2BS8286</b> STD	1	45.950/1.8091	49.980/1.9677	1.999/.0787	24.69/.972	F23	8286
		45.970/1.8098	50.000/1.9685				
	2	40.950/1.6122	44.981/1.7709	1.999/.0787	19.91/.784	F23	8287
		40.970/1.6130	45.001/1.7717				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4028</b> UNB		21.987/.8656	24.000/.9449	1.230/.0484	27.80/1.095	F100	4RB4028
		22.000/.8661	24.021/.9457				
<b>PISTON PIN BUSH</b>							
<b>RB4028</b> UNB		21.987/.8656	24.000/.9449	1.230/.0484	28.70/1.130	F100	RB4028
		22.000/.8661	24.021/.9457				

**113 Engine Year Cyl Bore x Stroke 113**

22R 2366cc Inline4 SOHC 2v 01/1980 - 07/1996 L4 92.0mm x 89.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1701A</b> STD, 010, 020, 030, 040, 060		52.977/2.0857	56.000/2.2047	1.494/.0588	22.00/.866	F810	1701A IH	
		53.000/2.0866	56.022/2.2056					
<b>MAINS</b> <i>Full groove.</i>								
<b>5M1703A</b> STD, 010, 020, 030, 040	1,2,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A IH	
		60.000/2.3622	64.024/2.5206					
	3	59.976/2.3613	64.000/2.5197	2.000/.0787	24.00/.945	F810	1703A IH	
		60.000/2.3622	64.024/2.5206					
	<b>MAINS</b> <i>Half groove.</i>							
	<b>5M1705A</b> STD, 010, 020, 030, 040, 060	1,2,3,4,5	59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1697A U
60.000/2.3622			64.024/2.5206					
1,2,3,4,5		59.976/2.3613	64.000/2.5197	2.000/.0787	21.97/.865	F810	1705A L	
		60.000/2.3622	64.024/2.5206					
<b>THRUST</b> <i>1.99 mm thick.</i>								
<b>2T1703</b> STD		66.250/2.6083	79.750/3.1398		1.99/.078	F817	1703T UL	
		66.500/2.6181	80.000/3.1496					
<b>THRUST</b> <i>2.74 mm thick.</i>								
<b>2T1705</b> STD, .25		66.250/2.6083	79.750/3.1398		2.74/.108	F817	1705T UL	
		66.500/2.6181	80.000/3.1496					





113 Continued ...							113
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS8286</b> STD	<b>AUX</b>						
	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
	<b>PISTON PIN BUSH</b> Set of 4.						
<b>4RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
	<b>PISTON PIN BUSH</b>						
<b>RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

114 Engine				Year	Cyl	Bore x Stroke	114
22R-E 2367cc Inline4 SOHC 2v				08/1982 - 12/1997	L4	92.0mm x 89.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1701A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>						
		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH
<b>5M1705A</b> STD, 010, 020, 030, 040, 060	<b>MAINS</b> Half groove.						
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A U
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1705A L
	<b>THRUST</b> 1.99 mm thick.						
<b>2T1703</b> STD		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		1.99/.078	F817	1703T UL
	<b>THRUST</b> 2.74 mm thick.						
<b>2T1705</b> STD, .25		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		2.74/.108	F817	1705T UL
	<b>AUX</b>						
<b>2BS8286</b> STD	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
	<b>PISTON PIN BUSH</b> Set of 4.						
	<b>4RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100
<b>PISTON PIN BUSH</b>							
<b>RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

115 Engine				Year	Cyl	Bore x Stroke	115
22R-TEC 2367cc Inline4 SOHC 2v Turbo				11/1984 - 12/1988	L4	92.0mm x 89.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1701A</b> STD, 010, 020, 030, 040, 060	<b>CONROD</b>						
		52.977/2.0857 53.000/2.0866	56.000/2.2047 56.022/2.2056	1.494/.0588	22.00/.866	F810	1701A IH
<b>5M1705A</b> STD, 010, 020, 030, 040, 060	<b>MAINS</b> Half groove.						
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1697A U
	1,2,3,4,5	59.976/2.3613 60.000/2.3622	64.000/2.5197 64.024/2.5206	2.000/.0787	21.97/.865	F810	1705A L
	<b>THRUST</b> 2.74 mm thick.						
<b>2T1705</b> STD, .25		66.250/2.6083 66.500/2.6181	79.750/3.1398 80.000/3.1496		2.74/.108	F817	1705T UL

115 Continued ...							115
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS8286</b> STD	<b>AUX</b>						
	1	45.950/1.8091 45.970/1.8098	49.980/1.9677 50.000/1.9685	1.999/.0787	24.69/.972	F23	8286
	2	40.950/1.6122 40.970/1.6130	44.981/1.7709 45.001/1.7717	1.999/.0787	19.91/.784	F23	8287
	<b>PISTON PIN BUSH</b> Set of 4.						
<b>4RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	27.80/1.095	F100	4RB4028
	<b>PISTON PIN BUSH</b>						
<b>RB4028</b> UNB		21.987/.8656 22.000/.8661	24.000/.9449 24.021/.9457	1.230/.0484	28.70/1.130	F100	RB4028

116 Engine				Year	Cyl	Bore x Stroke	116
1S 1832cc Inline4 SOHC 2v				01/1981 - 09/1989	L4	80.5mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B8360A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b> For engines with 48mm shaft.						
		47.985/1.8892 48.000/1.8898	51.000/2.0079 51.024/2.0088	1.488/.0586	20.50/.807	F810	8360A IH
<b>5M8361A</b> STD, .25, .50, .75	<b>MAINS</b>						
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F810	8361A UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F810	8362A UL
<b>RACE SERIES</b> <b>5M8361H</b> STD, .025, .25, .50	<b>MAINS</b>						
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	2.000/.0787	19.20/.756	F780	8361H UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.995/.0785	23.00/.906	F780	8362H UL
<b>RACE SERIES</b> <b>5M8361HX</b> STD	<b>MAINS</b> 0.001" extra oil clearance on STD journal.						
	1,2,4,5	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.987/.0782	19.20/.756	F780	8361HX UL
	3	54.985/2.1648 55.000/2.1654	59.020/2.3236 59.038/2.3243	1.982/.0780	23.00/.906	F780	8362HX UL
<b>2T1689</b> STD, .125, .25, .50, .75	<b>THRUST</b>						
		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F817	1689AT UL
<b>2T1689P</b> STD	<b>THRUST</b>						
		63.800/2.5118 64.050/2.5216	75.740/2.9819 76.000/2.9921		2.49/.098	F780	1689T UL

117 Engine				Year	Cyl	Bore x Stroke	117
B 2977cc Inline4 OHV 2v Diesel				01/1972 - 12/1990	L4	95.0mm x 105.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1786A</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b> Suits to 08/1988. Has a 4mm oil hole at 10 degrees from centre.						
		58.980/2.3220 59.000/2.3228	62.000/2.4409 62.020/2.4417	1.487/.0585	30.00/1.181	F810	1786A IH
<b>4B8375A</b> STD, .25, .50, .75	<b>CONROD</b> Suits from 09/1988. Has a 4mm oil hole at 24.5° from centre.						
		58.980/2.3220 59.000/2.3228	62.000/2.4409 62.025/2.4419	1.490/.0587	30.00/1.181	F810	8375A IH
<b>5M1787A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> Fully grooved set with integral flanges.						
	1,2,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	27.60/1.087	F810	1787A IH
	3	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	33.93/1.336	F810	1788A(F) UL
<b>5M8374A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> Requires thrustwashers.						
	1,2,3,4,5	69.980/2.7551 70.000/2.7559	75.000/2.9528 75.024/2.9537	2.490/.0980	26.90/1.059	F810	8374A UL





117 Continued ...								117
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>THRUST</b>		<i>For Engines Equipped with Thrust Washers</i>						
<b>2T8283</b> STD		76.250/3.0020	90.250/3.5531		2.48/.098	F817	8283T	
		76.500/3.0118	90.500/3.5630				UL	
<b>CAMS</b>		<i>Suits up to 08/1984.</i>						
<b>3C8071</b> STD	1	47.159/1.8566	51.030/2.0091	1.915/.0754	24.00/.945	F23	8071	
		47.175/1.8573	51.060/2.0102					
	2	46.959/1.8488	51.030/2.0091	2.014/.0793	20.00/.787	F23	8072	
		46.975/1.8494	51.060/2.0102					
	3	46.759/1.8409	51.030/2.0091	2.115/.0833	24.00/.945	F23	8073	
		46.775/1.8415	51.060/2.0102					
<b>CAMS</b>		<i>Suits from 09/1988 on.</i>						
<b>5C8205</b> STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205	
		53.475/2.1053	57.530/2.2650					
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206	
		53.225/2.0955	57.280/2.2551					
	3	52.950/2.0846	57.000/2.2441	2.005/.0789	20.00/.787	F23	8207	
		52.975/2.0856	57.030/2.2453					
	4	52.700/2.0748	57.000/2.2441	2.130/.0839	20.00/.787	F23	8208	
		52.725/2.0758	57.030/2.2453					
	5	52.450/2.0650	57.250/2.2539	2.380/.0937	20.00/.787	F23	8209	
		52.475/2.0659	57.282/2.2552					
<b>CAMS</b>		<i>Suits from 09/1984 to 06/1986.</i>						
<b>5C8215</b> STD	1	53.450/2.1043	56.500/2.2244	1.505/.0593	20.00/.787	F23	8215	
		53.475/2.1053	56.530/2.2256					
	2	53.200/2.0945	56.250/2.2146	1.505/.0593	20.00/.787	F23	8216	
		53.225/2.0955	56.280/2.2157					
	3	52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
	4	52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
	5	52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					
<b>CAMS</b>		<i>Suits from 06/1986 to 08/1988.</i>						
<b>5C8217</b> STD	1	53.450/2.1043	57.500/2.2638	2.005/.0789	20.00/.787	F23	8205	
		53.475/2.1053	57.530/2.2650					
	2	53.200/2.0945	57.250/2.2539	2.005/.0789	20.00/.787	F23	8206	
		53.225/2.0955	57.280/2.2551					
	3	52.950/2.0846	56.000/2.2047	1.505/.0593	20.00/.787	F23	8217	
		52.975/2.0856	56.030/2.2059					
	4	52.700/2.0748	56.000/2.2047	1.630/.0642	20.00/.787	F23	8218	
		52.725/2.0758	56.030/2.2059					
	5	52.450/2.0650	56.250/2.2146	1.880/.0740	20.00/.787	F23	8219	
		52.475/2.0659	56.280/2.2157					
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>						
<b>4RB4065</b> UNB		29.000/1.1417	33.000/1.2992	2.110/.0831	32.00/1.260	F100	4RB4065	
		29.012/1.1422	33.025/1.3002					
<b>PISTON PIN BUSH</b>		<i>Single piece.</i>						
<b>RB4065</b> UNB		29.000/1.1417	33.000/1.2992	2.110/.0831	32.00/1.260	F100	RB4065	
		29.012/1.1422	33.025/1.3002					

118 Engine		Year		Cyl	Bore x Stroke		118
L 2188cc Inline4 SOHC 2v Diesel		01/1978 - 08/1988		L4	90.0mm x 86.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has 6mm oil hole.</i>					
<b>4B1726A</b> STD, 010, 020, 030, 040, 060		52.988/2.0861	56.004/2.2049	1.485/.0585	25.90/1.020	F810	1726A
		53.000/2.0866	56.024/2.2057				IH

118		Continued ...						118	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1730A</b> STD, 010, 020, 030, 040, 050,		<b>CONROD</b> <i>Is plain with no oil hole.</i>		52.988/2.0861 53.000/2.0866	56.000/2.2047 56.020/2.2055	1.485/.0585	25.90/1.020	F810	1730A IH
<b>5M1727A</b> STD, 010, 020, 030, 040, 060		<b>MAINS</b> <i>Set is fully grooved.</i>		61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1727A IH
<b>5M1728A</b> STD, 010, 020, 030, 040		<b>MAINS</b> <i>Set is half grooved.</i>		61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1727A U
				61.980/2.4402 62.000/2.4409	66.000/2.5984 66.020/2.5992	1.986/.0782	27.56/1.085	F810	1728A L
<b>2T1727</b> STD		<b>THRUST</b>		70.000/2.7559 70.250/2.7657	81.450/3.2067 81.700/3.2165		2.49/.098	F817	1727T UL
<b>3C8074</b> STD		<b>CAMS</b> <i>Suits until 08/1988.</i>		34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	28.07/1.105	F820	8075AL(F) L
				34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL U
				34.969/1.3767 34.985/1.3774	38.014/1.4966 38.038/1.4976	1.504/.0592	20.13/.793	F820	8074AL L
<b>4RB4252</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4. Suits 27mm shaft.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4252
<b>RB4252</b> UNB		<b>PISTON PIN BUSH</b> <i>Suits 27mm shaft.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4252

119		Engine	Year	Cyl	Bore x Stroke	119			
		J 2336cc Inline4 SOHC 2v Diesel	01/1965 - 12/1970	L4	88.0mm x 96.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1361A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>		54.980/2.1646 55.000/2.1654	58.000/2.2835 58.020/2.2842	1.485/.0585	27.55/1.085	F810	1361A IH
<b>5M1362A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b>		69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	24.63/.970	F810	1362A IH
				69.980/2.7551 70.000/2.7559	74.000/2.9134 74.021/2.9142	1.989/.0783	31.37/1.235	F810	1365A IH
<b>2T1362</b> STD		<b>THRUST</b>		75.950/2.9902 76.200/3.0000	89.410/3.5201 89.660/3.5299		3.00/.118	F817	1362T UL
<b>4C8056</b> STD		<b>CAMS</b>		47.164/1.8568 47.180/1.8575	51.000/2.0079 51.019/2.0086	1.905/.0750	24.00/.945	F23	8056
				46.964/1.8490 46.980/1.8496	51.000/2.0079 51.019/2.0086	2.005/.0789	20.00/.787	F23	8057
				46.764/1.8411 46.780/1.8417	51.000/2.0079 51.019/2.0086	2.105/.0829	20.00/.787	F23	8058
				46.564/1.8332 46.580/1.8339	51.000/2.0079 51.019/2.0086	2.205/.0868	24.00/.945	F23	8059
<b>4RB4244</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	4RB4244
<b>RB4244</b> UNB		<b>PISTON PIN BUSH</b> <i>Single piece.</i>			30.000/1.1811 30.010/1.1815	1.530/.0602	30.50/1.201	F100	RB4244





120 Engine		Year		Cyl	Bore x Stroke		120
H 3576cc Inline6 OHV 2v Diesel		01/1969 - 03/1982		L6	88.0mm x 98.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole and is 27.55mm wide.</i>							
<b>6B1361A</b> STD, .25, .50, .75, 1.00		54.980/2.1646	58.000/2.2835	1.485/.0585	27.55/1.085	F810	1361A
		55.000/2.1654	58.020/2.2842				IH
<b>MAINS</b>							
<b>7M1388A</b> STD, .25, .50, .75, 1.00	1,2,3,5,6,7	69.980/2.7551	74.000/2.9134	1.989/.0783	22.46/884	F810	1388A
		70.000/2.7559	74.021/2.9142				IH
	4	69.980/2.7551	74.000/2.9134	1.989/.0783	29.60/1.165	F810	1389A
		70.000/2.7559	74.021/2.9142				IH
<b>THRUST</b>							
<b>2T1362</b> STD		75.950/2.9902	89.410/3.5201		3.00/.118	F817	1362T
		76.200/3.0000	89.660/3.5299				UL
<b>CAMS</b>							
<b>4C8056</b> STD	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
		47.180/1.8575	51.019/2.0086				
	2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
		46.980/1.8496	51.019/2.0086				
	3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
		46.780/1.8417	51.019/2.0086				
	4	46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8059
		46.580/1.8339	51.019/2.0086				
<b>CAMS</b>							
<b>4C8065</b> STD	1	47.164/1.8568	51.000/2.0079	1.905/.0750	24.00/.945	F23	8056
		47.180/1.8575	51.019/2.0086				
	2	46.964/1.8490	51.000/2.0079	2.005/.0789	20.00/.787	F23	8057
		46.980/1.8496	51.019/2.0086				
	3	46.764/1.8411	51.000/2.0079	2.105/.0829	20.00/.787	F23	8058
		46.780/1.8417	51.019/2.0086				
	4	46.564/1.8332	51.000/2.0079	2.205/.0868	24.00/.945	F23	8065
		46.580/1.8339	51.019/2.0086				
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>4RB4023</b> UNB		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	4RB4023
		27.012/1.0635	30.021/1.1819				
<b>PISTON PIN BUSH</b> <i>Single piece.</i>							
<b>RB4023</b> UNB		27.000/1.0630	30.000/1.1811	1.730/.0681	30.50/1.201	F100	RB4023
		27.012/1.0635	30.021/1.1819				

121 Engine		Year		Cyl	Bore x Stroke		121
D 5890cc 6 SOHC 2v Diesel		01/1964 - 12/1974		L6	100.0mm x 125.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B1356P</b> STD, .010, .020, .030, .040		61.970/2.4398	66.030/2.5996	1.994/.0785	30.98/1.220	F780	1356
		61.990/2.4405	66.050/2.6004				IH
<b>MAINS</b>							
<b>7M1357P</b> STD, .010, .020, .030, .040, .060	1,2,3,5,6,7	74.970/2.9516	81.030/3.1902	2.990/.1177	34.03/1.340	F780	1357
		74.990/2.9524	81.050/3.1909				IH
	4	74.970/2.9516	81.030/3.1902	2.990/.1177	49.02/1.930	F780	1358
		74.990/2.9524	81.050/3.1909				IH
<b>THRUST</b>							
<b>2T1357</b> STD			100.000/3.9370		2.98/.117	F817	1357T
							UL
<b>PISTON PIN BUSH</b> <i>Set of 6. Suits 40mm tunnel, engines up to 8/1976.</i>							
<b>6RB4248</b> UNB		34.000/1.3386	40.000/1.5748	3.030/.1193	37.00/1.457	F100	6RB4248
		34.030/1.3398					
<b>PISTON PIN BUSH</b> <i>Suits 40mm tunnel, engines up to 8/1976.</i>							
<b>RB4248</b> UNB		34.000/1.3386	40.000/1.5748	3.030/.1193	37.00/1.457	F100	RB4248
		34.030/1.3398					



122 Engine		Year		Cyl	Bore x Stroke		122	
6M-GE 2954cc Inline6 DOHC 2v		07/1983 - 12/1986		L6	83.0mm x 91.0mm			
7M-GTE 2954cc Inline6 DOHC 4v Turbo		10/1986 - 12/1993		L6	83.0mm x 91.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>6B1170A</b> STD, .25, .50, .75, 1.00		51.984/2.0466	55.015/2.1659	1.500/.0591	19.90/.784	F810	1170A IH	
		52.000/2.0472	55.035/2.1667					
<b>MAINS</b> <i>Bearings in position number one are 25mm wide, bearings in positions 2-7 are 22mm wide.</i>								
<b>7M1165A</b> STD, .25, .50, .75, 1.00	1	59.985/2.3616	64.022/2.5205	2.000/.0787	25.00/.984	F810	1166A UL	
		60.010/2.3626	64.046/2.5215					
	2,3,4,5,6,7		59.985/2.3616	64.022/2.5205	2.000/.0787	22.00/.866	F810	1165A UL
			60.010/2.3626	64.046/2.5215				
<b>THRUST</b> <i>2.97 mm Thick.</i>								
<b>2T7962</b> STD		65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T UL	
		66.250/2.6083	80.000/3.1496					
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4008</b> UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008	
		22.000/.8661	24.000/.9449					
<b>PISTON PIN BUSH</b>								
<b>RB4008</b> UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008	
		22.000/.8661	24.000/.9449					

123 Engine		Year		Cyl	Bore x Stroke		123	
7M-GE 2954cc Inline6 DOHC 4v		01/1986 - 12/1993		L6	83.0mm x 91.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>6B1170A</b> STD, .25, .50, .75, 1.00		51.984/2.0466	55.015/2.1659	1.500/.0591	19.90/.784	F810	1170A IH	
		52.000/2.0472	55.035/2.1667					
<b>MAINS</b> <i>Bearings in position number one are 25mm wide, bearings in positions 2-7 are 22mm wide.</i>								
<b>7M1165A</b> STD, .25, .50, .75, 1.00	1	59.985/2.3616	64.022/2.5205	2.000/.0787	25.00/.984	F810	1166A UL	
		60.010/2.3626	64.046/2.5215					
	2,3,4,5,6,7		59.985/2.3616	64.022/2.5205	2.000/.0787	22.00/.866	F810	1165A UL
			60.010/2.3626	64.046/2.5215				
<b>THRUST</b> <i>2.97 mm Thick.</i>								
<b>2T7962</b> STD		65.500/2.5787	79.750/3.1398		2.98/.117	F817	7962T UL	
		66.250/2.6083	80.000/3.1496					
<b>AUX</b>								
<b>2BS8078</b> STD	1		44.981/1.7709	2.009/.0791	16.25/.640	F23	8078	
			45.001/1.7717					
	2		36.980/1.4559	2.009/.0791	16.25/.640	F23	8079	
			37.000/1.4567					
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4008</b> UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.24/.994	F100	4RB4008	
		22.000/.8661	24.000/.9449					
<b>PISTON PIN BUSH</b>								
<b>RB4008</b> UNB		22.000/.8661	24.000/.9449	1.120/.0441	25.25/.994	F100	RB4008	
		22.000/.8661	24.000/.9449					

124 Engine		Year		Cyl	Bore x Stroke		124
7A-FE 1762cc Inline4 DOHC 4v		06/1992 - 12/2001		L4	81.0mm x 85.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1680A</b> STD, .25, .50, .75, 1.00, 1.25		47.988/1.8893	51.000/2.0079	1.490/.0587	17.10/.673	F810	1680A IH
		48.000/1.8898	51.024/2.0088				
<b>MAINS</b> <i>Half groove set.</i>							
<b>5M1695A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892	52.020/2.0480	2.004/.0789	19.90/.784	F810	1704A U
		48.000/1.8898	52.050/2.0492				





124 Continued ...							124
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1695A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.004/.0789	19.90/.784	F810	1695A L
<b>RACE SERIES</b> <b>5M1695H</b> STD, .025, .25, .50	<b>MAINS</b> 1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1704H U
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	2.001/.0788	19.90/.783	F780	1695H L
<b>RACE SERIES</b> <b>5M1695HX</b> STD	<b>MAINS</b> 1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1704HX U
	1,2,3,4,5	47.985/1.8892 48.000/1.8898	52.020/2.0480 52.050/2.0492	1.988/.0783	19.90/.783	F780	1695HX L
	<b>THRUST</b>						
<b>2T1695</b> STD		53.500/2.1063 53.750/2.1161	65.750/2.5886 66.000/2.5984		2.49/.098	F817	1695T UL

125 Engine		Year	Cyl	Bore x Stroke	125		
F 3878cc Inline6 OHV 2v		01/1954 - 12/1974	L6	90.0mm x 101.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>6B7971A</b> STD, .010, .020, .030, .040, .060		53.980/2.1252 54.000/2.1260	56.800/2.2362 56.820/2.2370	1.380/.0543	32.89/1.295	F810	7971A IH
	<b>MAINS</b>	<i>From engine no. F510001. Bearings have no notches.</i>					
<b>4M7972A</b> STD, .010, .020, .030	1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.019/2.8354	2.487/.0979	32.13/1.265	F810	7972A UL
	2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.520/2.8945	2.487/.0979	30.12/1.186	F810	7973A UL
	3	69.975/2.7549 70.000/2.7559	74.999/2.9527 75.019/2.9535	2.487/.0979	35.99/1.417	F810	7974A(F) UL
	4	71.476/2.8140 71.500/2.8150	76.500/3.0118 76.520/3.0126	2.487/.0979	40.13/1.580	F810	7975A UL
	<b>MAINS</b>	<i>To engine no. F510000. Bearings have locating notches.</i>					
<b>4M7982A</b> STD, .010, .020, .030, .040	1	66.975/2.6368 67.000/2.6378	71.999/2.8346 72.034/2.8360	2.497/.0983	32.13/1.265	F810	7982A UL
	2	68.473/2.6958 68.500/2.6968	73.500/2.8937 73.536/2.8951	2.497/.0983	30.12/1.186	F810	7983A IH
	3	69.976/2.7550 70.000/2.7559	75.010/2.9531 75.034/2.9541	2.492/.0981	35.94/1.415	F810	7984A(F) IH
	4	71.470/2.8138 71.500/2.8150	76.500/3.0118 76.535/3.0132	2.497/.0983	40.13/1.580	F810	7985A UL
	<b>CAMS</b>						
<b>4C7979</b> STD	1	47.955/1.8880 47.975/1.8888	52.000/2.0472 52.035/2.0486	2.014/.0793	29.23/1.151	F23	7976
	2	46.455/1.8289 46.475/1.8297	50.500/1.9882 50.535/1.9896	2.014/.0793	24.25/.955	F23	7977
	3	44.955/1.7699 44.975/1.7707	49.000/1.9291 49.030/1.9303	2.014/.0793	24.25/.955	F23	7970
	4	43.455/1.7108 43.475/1.7116	47.500/1.8701 47.530/1.8713	2.014/.0793	25.25/.994	F23	7979

# Triumph/Standard



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
1296cc Inline4 OHV 2v	01/1968 - 12/1972	L4	1296	79	6
1493cc Inline4 OHV 2v	01/1970 - 01/1981	L4	1493	91	6
1670cc Inline4 OHV 2v	01/1947 - 12/1963	L4	1670	101	3
P104S 1709cc Inline4 SOHC 2v	01/1968 - 12/1971	L4	1709	104	1
PE104S 1854cc Inline4 SOHC 2v	01/1972 - 12/1981	L4	1854	113	1
1991cc Inline4 OHV 2v	01/1953 - 12/1961	L4	1991	121	3
1998cc Inline4 SOHC 2v	01/1973 - 12/1981	L4	1998	121	1
1998cc Inline6 OHV 2v	01/1964 - 12/1977	L6	1998	121	4
PE124 1998cc Inline4 SOHC 4v	01/1973 - 01/1978	L4	1998	121	1
2088cc Inline4 OHV 2v	01/1948 - 12/1955	L4	2088	127	3
20C 2092cc Inline4 OHV 2v Diesel	01/1954 - 12/1956	L4	2092	127	2
2138cc Inline4 OHV 2v	01/1952 - 12/1967	L4	2138	130	3
23C 2260cc Inline4 OHV 2v Diesel	01/1956 - 12/1963	L4	2260	137	2
2498cc Inline6 OHV 2v	01/1967 - 01/1981	L6	2498	152	4
3528cc V8 OHV 2v	01/1973 - 12/1976	V8	3528	215	5



# Triumph/Standard

1 Engine		Year	Cyl	Bore x Stroke	1		
1998cc Inline4 SOHC 2v		01/1973 - 12/1981	L4	74.7mm x 78.0mm			
P104S 1709cc Inline4 SOHC 2v		01/1968 - 12/1971	L4	83.5mm x 78.0mm			
PE104S 1854cc Inline4 SOHC 2v		01/1972 - 12/1981	L4	87.0mm x 78.0mm			
PE124 1998cc Inline4 SOHC 4v		01/1973 - 01/1978	L4	74.7mm x 78.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2556P</b> STD, 010, 020, 030, 040		44.450/1.7500	48.146/1.8955	1.829/.0720	18.92/.745	F780	2556
		44.463/1.7505	48.158/1.8960				IH
<b>MAINS</b>							
<b>5M2557</b> STD, 010, 020, 030	1,2,3,4,5	53.988/2.1255	57.683/2.2710	1.824/.0718	20.70/.815	F780	2557
		54.000/2.1260	57.696/2.2715				IH
2 Engine		Year	Cyl	Bore x Stroke	2		
20C 2092cc Inline4 OHV 2v Diesel		01/1954 - 12/1956	L4	81.0mm x 101.6mm			
23C 2260cc Inline4 OHV 2v Diesel		01/1956 - 12/1963	L4	84.1mm x 101.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1084P</b> STD, 010, 020, 030, 040, 050,		58.699/2.3110	62.408/2.4570	1.829/.0720	26.92/1.060	F780	1084
		58.712/2.3115	62.420/2.4575				IH
3 Engine		Year	Cyl	Bore x Stroke	3		
1670cc Inline4 OHV 2v		01/1947 - 12/1963	L4	76.0mm x 92.0mm			
1991cc Inline4 OHV 2v		01/1953 - 12/1961	L4	83.0mm x 92.0mm			
2088cc Inline4 OHV 2v		01/1948 - 12/1955	L4	85.0mm x 92.0mm			
2138cc Inline4 OHV 2v		01/1952 - 12/1967	L4	86.0mm x 92.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1841P</b> STD, 010, 020, 030, 040, 060		52.984/2.0860	56.710/2.2327	1.842/.0725	24.76/.975	F780	1841
		53.000/2.0866	56.731/2.2335				IH
<b>CONROD</b> <i>Babbitt Bearing</i>							
<b>4B3068</b> STD, 010, 020, 030, 040		52.984/2.0860	56.711/2.2327	1.848/.0728	24.76/.975	F23	3068
		53.000/2.0866	56.731/2.2335				IH
<b>MAINS</b>							
<b>3M3284</b> STD, 010, 020, 030	1,2,3	62.967/2.4790	66.675/2.6250	1.835/.0722	38.23/1.505	F23	3284
		62.979/2.4795	66.688/2.6255				IH
<b>THRUST</b>							
<b>2T7062</b> STD, 005		68.072/2.6800	80.823/3.1820		2.36/.093	F1	7062T
		68.326/2.6900	81.077/3.1920				UL
<b>PISTON PIN BUSH</b>							
<b>RB875</b>		22.225/.8750	25.387/.9995	1.740/.0685	27.56/1.085	F100	RB875
		22.230/.8752	25.400/1.0000				
4 Engine		Year	Cyl	Bore x Stroke	4		
1998cc Inline6 OHV 2v		01/1964 - 12/1977	L6	74.7mm x 76.0mm			
2498cc Inline6 OHV 2v		01/1967 - 01/1981	L6	74.7mm x 95.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Set contains one pair of bearings. Order # of pairs req'd.</i>							
<b>1B2406P</b> Std, 010, 020, 030, 040		47.625/1.8750	51.333/2.0210	1.839/.0724	17.58/.692	F780	2405
		47.638/1.8755	51.346/2.0215				IH
<b>CONROD</b>							
<b>6B2406A</b> STD, 010, 020, 030, 040		47.625/1.8750	51.333/2.0210	1.837/.0723	17.58/.692	F810	2406A
		47.638/1.8755	51.346/2.0215				IH
<b>MAINS</b> <i>Set contains one pair of bearings. Order # of pairs req'd.</i>							
<b>1M2407P</b> STD, 010, 020, 030, 040		58.699/2.3110	62.408/2.4570	1.839/.0724	21.71/.855	F780	2408
		58.712/2.3115	62.420/2.4575				IH



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## 4 Continued ... 4

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M2407A</b> STD, 010, 020, 030, 040, 050	<b>MAINS</b> 1,2,3,4	58.699/2.3110 58.712/2.3115	62.408/2.4570 62.420/2.4575	1.839/.0724	21.71/.855	F810	2407A IH
	<b>THRUST</b>	65.580/2.5819 65.840/2.5921	77.470/3.0500 77.720/3.0598		2.36/.093	F250	2407T IH
<b>RB890</b>	<b>PISTON PIN BUSH</b>	20.632/.8123 20.638/.8125	23.800/.9370 23.800/.9370	1.730/.0681	22.35/.880	F100	RB890

## 5 Engine 5

3528cc V8 OHV 2v Year 01/1973 - 12/1976 Cyl V8 Bore x Stroke 88.9mm x 71.1mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>8B610A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	50.800/2.0000 50.813/2.0005	53.967/2.1247 53.980/2.1252	1.570/.0618	18.84/.742	F810	2226A IH
	<b>MAINS</b> 1,2,4,5	<i>Overwidth flanges on undersizes: Std=Std, 010"=Std+010".</i>					
<b>5M2217A</b> STD, 010	3	58.400/2.2992 58.412/2.2997	63.274/2.4911 63.287/2.4916	2.426/.0955	20.50/.807	F820	2217AL UL
	3	58.400/2.2992 58.412/2.2997	63.274/2.4911 63.287/2.4916	2.426/.0955	26.87/1.058	F820	2218AL(F) UL
	<b>CAMS</b>						
<b>5C4326</b> STD	1	45.339/1.7850 45.364/1.7860	48.654/1.9155 48.704/1.9175	1.633/.0643	19.30/.760	F23	4326
	2	44.577/1.7550 44.602/1.7560	47.892/1.8855 47.942/1.8875	1.633/.0643	19.30/.760	F23	4327
	3	43.815/1.7250 43.840/1.7260	47.130/1.8555 47.180/1.8575	1.633/.0643	19.30/.760	F23	4328
	4	43.053/1.6950 43.078/1.6960	46.368/1.8255 46.418/1.8275	1.633/.0643	19.30/.760	F23	4329
	5	42.291/1.6650 42.316/1.6660	45.606/1.7955 45.656/1.7975	1.633/.0643	19.30/.760	F23	4320

## 6 Engine 6

1296cc Inline4 OHV 2v Year 01/1968 - 12/1972 Cyl L4 Bore x Stroke 73.6mm x 76.0mm  
 1493cc Inline4 OHV 2v Year 01/1970 - 01/1981 Cyl L4 Bore x Stroke 73.6mm x 87.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>1B2406P</b> Std, 010, 020, 030, 040	<b>CONROD</b>	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		47.625/1.8750 47.638/1.8755	51.333/2.0210 51.346/2.0215	1.839/.0724	17.58/.692	F780	2405 IH
<b>4B2406A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		47.625/1.8750 47.638/1.8755	51.333/2.0210 51.346/2.0215	1.837/.0723	17.58/.692	F810	2406A IH
<b>1M2407P</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Set contains one pair of bearings. Order # of pairs req'd.</i>					
		58.699/2.3110 58.712/2.3115	62.408/2.4570 62.420/2.4575	1.839/.0724	21.71/.855	F780	2408 IH
<b>3M2407A</b> STD, 010, 020, 030	<b>MAINS</b> 1,2,3	58.699/2.3110 58.712/2.3115	62.408/2.4570 62.420/2.4575	1.839/.0724	21.71/.855	F810	2407A IH
	<b>THRUST</b>	65.580/2.5819 65.840/2.5921	77.470/3.0500 77.720/3.0598		2.36/.093	F250	2407T IH





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
HA20 1057cc Inline4 OHV 2v	01/1964 - 12/1967	L4	1057	64	3
HA22 1159cc Inline4 OHV 2v	01/1966 - 12/1971	L4	1159	70	3
HB22 1256cc Inline4 OHV 2v	01/1971 - 12/1985	L4	1256	76	2
1599cc Inline 4 OHC 2v	01/1967 - 12/1972	L4	1599	97	1
1759cc Inline 4 SOHC 2v	01/1967 - 01/1974	L4	1759	107	1
1796cc Inline4 SOHC 2v	01/1982 - On	L4	1796	109	4
1975cc Inline4 OHV 2v	01/1967 - 12/1972	L4	1975	120	1
2279cc Inline4 OHV 2v	01/1972 - 12/1979	L4	2279	139	1

1	Engine	Year	Cyl	Bore x Stroke	1
	1599cc Inline 4 OHC 2v	01/1967 - 12/1972	L4	85.7mm x 69.2mm	
	1759cc Inline 4 SOHC 2v	01/1967 - 01/1974	L4	85.7mm x 76.2mm	
	1975cc Inline4 OHV 2v	01/1967 - 12/1972	L4	95.3mm x 69.2mm	
	2279cc Inline4 OHV 2v	01/1972 - 12/1979	L4	97.5mm x 76.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1346P</b> STD, 010, 020, 030	<b>CONROD</b>	50.737/1.9975	54.508/2.1460	1.862/.0733	23.70/.933	F780	1346	
		50.762/1.9985	54.521/2.1465				IH	
<b>5M1347P</b> STD, 010, 020, 030	<b>MAINS</b>	1,2,4	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1347
			63.512/2.5005	67.716/2.6660				IH
		3	63.487/2.4995	67.704/2.6655	2.083/.0820	23.36/.920	F780	1348
			63.512/2.5005	67.716/2.6660				IH
		5	63.487/2.4995	67.704/2.6655	2.083/.0820	34.01/1.339	F780	1349(F)
63.512/2.5005	67.716/2.6660				IH			
<b>RB889</b>	<b>PISTON PIN BUSH</b>	22.007/.8664	25.387/.9995	1.854/.0730	29.97/1.180	F100	RB889	
		22.009/.8665	25.400/1.0000					

2	Engine	Year	Cyl	Bore x Stroke	2
	HB22 1256cc Inline4 OHV 2v	01/1971 - 12/1985	L4	81.0mm x 61.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5120A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>From Engine No.1400011.</i>						
		46.487/1.8302	49.594/1.9525	1.529/.0602	19.20/.756	F820	5120AL	
		46.507/1.8310	49.606/1.9530				IH	
<b>4B5121A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	44.971/1.7705	48.158/1.8960	1.570/.0618	19.20/.756	F820	5121AL	
		44.988/1.7712	48.171/1.8965				IH	
<b>3M5123A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>						
		1,3	53.988/2.1255	58.000/2.2835	1.994/.0785	25.57/1.007	F820	5122AL
			54.000/2.1260	58.014/2.2840				IH
		2	53.988/2.1255	58.000/2.2835	1.989/.0783	32.74/1.289	F820	5123AL(F)
54.000/2.1260	58.014/2.2840					UL		
<b>3C5126</b> STD	<b>CAMS</b>	1	40.963/1.6127	44.000/1.7323	1.486/.0585	21.00/.827	F23	5126
			40.975/1.6132	44.025/1.7333				
		2	40.462/1.5930	43.500/1.7126	1.486/.0585	21.00/.827	F23	5127
			40.475/1.5935	43.525/1.7136				
		3	39.962/1.5733	43.000/1.6929	1.486/.0585	21.00/.827	F23	5128
			39.974/1.5738	43.025/1.6939				

3	Engine	Year	Cyl	Bore x Stroke	3
	HA20 1057cc Inline4 OHV 2v	01/1964 - 12/1967	L4	74.3mm x 61.0mm	
	HA22 1159cc Inline4 OHV 2v	01/1966 - 12/1971	L4	77.7mm x 61.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5121A</b> STD, 010, 020, 030, 040	<b>CONROD</b>	44.971/1.7705	48.158/1.8960	1.570/.0618	19.20/.756	F820	5121AL	
		44.988/1.7712	48.171/1.8965				IH	
<b>3M5123A</b> STD, 010, 020, 030, 040	<b>MAINS</b>	<i>Overwidth flanges on undersizes: Std=Std, 010/020=Std+004", 030/040=Std+008".</i>						
		1,3	53.988/2.1255	58.000/2.2835	1.994/.0785	25.57/1.007	F820	5122AL
			54.000/2.1260	58.014/2.2840				IH
		2	53.988/2.1255	58.000/2.2835	1.989/.0783	32.74/1.289	F820	5123AL(F)
54.000/2.1260	58.014/2.2840					UL		
<b>3C5126</b> STD	<b>CAMS</b>	1	40.963/1.6127	44.000/1.7323	1.486/.0585	21.00/.827	F23	5126
			40.975/1.6132	44.025/1.7333				
		2	40.462/1.5930	43.500/1.7126	1.486/.0585	21.00/.827	F23	5127
			40.475/1.5935	43.525/1.7136				



3 Continued ...								3
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>3C5126</b> STD	3	39.962/1.5733 39.974/1.5738	43.000/1.6929 43.025/1.6939	1.486/.0585	21.00/.827	F23	5128	
4 Engine								4
1796cc Inline4 SOHC 2v				Year 01/1982 - On	Cyl L4	Bore x Stroke 84.8mm x 79.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Bearing has two oil holes in the upper half. Can be used in place of 4B2320 and 4B2326.</i>								
<b>4B2322A</b> STD, .25, .50, .75, 1.00		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F810	2322A UL	
<b>RACE SERIES</b>								
<b>4B2322H</b> STD, .025, .25, .50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.498/.0590	19.30/.760	F781	2322H UL	
<b>RACE SERIES</b>								
<b>4B2322HX</b> STD		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.485/.0585	19.30/.760	F781	2322HX UL	
<b>CONROD</b> <i>Has one oil hole in the upper shell at 42 degrees from centre. Suits earlier engines up to 11/85.</i>								
<b>4B2326P</b> STD, .25, .50, .75, 1.00, 1.50		48.971/1.9280 48.987/1.9286	52.000/2.0472 52.012/2.0477	1.500/.0591	19.30/.760	F780	2326 UL	
<b>MAINS</b> <i>Contains 3/4 groove bearings. Overwidth flanges for undersizes: STD=STD, .25=STD+0.20mm, 0.50=STD+0.40mm.</i>								
<b>5M2293A</b> STD, .25, .50	1,2,4,5  3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785  1.995/.0785	19.50/.768  25.90/1.020	F820  F820	2293AL UL 2294AL UL	
<b>MAINS</b> <i>Overwidth flanges for undersizes: Std=Std, .25mm=Std+.20mm, .50mm=Std+.40mm, .75mm=Std+.60mm, 1.00/1.25/1.50mm=Std+.80mm. Flanges have one hole. Also known as 5M1549A.</i>								
<b>5M2327A</b> STD, .25, .50, .75, 1.00	1,2,4,5  3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785  1.995/.0785	19.50/.768  25.90/1.020	F810  F810	2327A IH 2328A(F) IH	
<b>MAINS</b> <i>Has Std width flanges on all U/S. Flanges have one hole. Use 5M2327A for overwidth flanges.</i>								
<b>5M2329A</b> STD, .25, .50, .75, 1.00, 1.25	1,2,4,5  3	57.982/2.2828 57.995/2.2833 57.982/2.2828 57.995/2.2833	62.000/2.4409 62.013/2.4415 62.000/2.4409 62.013/2.4415	1.995/.0785  1.995/.0785	19.50/.768  25.90/1.020	F810  F810	2327A IH 2329A(F) IH	



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
HE 771cc Inline4 SOHC 2v	01/1976 - 07/1978	L4	771	47	1
HA 895cc Inline4 SOHC 2v	04/1975 - 09/1981	L4	895	54	2
AER 999cc Inline4 SOHC 2v	07/1996 - 05/2000	L4	999	60	144
AFZ 999cc Inline4 SOHC 2v	07/1997 - 05/2002	L4	999	60	135
AHT 999cc Inline4 SOHC 2v	10/1998 - 05/2000	L4	999	60	145
ALD 999cc Inline4 SOHC 2v	05/1999 - 07/2005	L4	999	60	146
ALL 999cc Inline4 SOHC 2v	08/1997 - 05/2000	L4	999	60	144
ANV 999cc Inline4 SOHC 2v	05/1999 - 05/2000	L4	999	60	146
ASF 999cc Inline4 SOHC 2v	09/1998 - 05/2005	L4	999	60	135
AT512 999cc Inline4 DOHC 4v Turbo	06/2000 - 05/2002	L4	999	60	135
ATE 999cc Inline4 SOHC 2v	06/2000 - On	L4	999	60	146
AUC 999cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	999	60	147
AAK 1043cc Inline4 SOHC 2v	01/1990 - 07/1990	L4	1043	63	10
AAU 1043cc Inline4 SOHC 2v	10/1990 - 07/1994	L4	1043	63	10
ACM 1043cc Inline4 SOHC 2v	02/1992 - 12/1992	L4	1043	63	10
AEV 1043cc Inline4 SOHC 2v	10/1994 - 06/1996	L4	1043	63	10
GL 1043cc Inline4 SOHC 2v	08/1981 - 10/1986	L4	1043	63	7
GN 1043cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	1043	63	7
HZ 1043cc Inline4 SOHC 2v	05/1985 - 01/1992	L4	1043	63	10
361 1093cc Inline4 SOHC 2v	01/1974 - On	L4	1093	66	2
FA 1093cc Inline4 SOHC 2v	02/1974 - 07/1979	L4	1093	66	2
FJ 1093cc Inline4 SOHC 2v	08/1976 - 07/1979	L4	1093	66	2
GG 1093cc Inline4 SOHC 2v	08/1979 - 02/1984	L4	1093	66	2
HB 1093cc Inline4 SOHC 2v	04/1975 - 07/1983	L4	1093	66	2
HC 1093cc Inline4 SOHC 2v	04/1975 - 07/1977	L4	1093	66	3
HD 1093cc Inline4 SOHC 2v	08/1976 - 07/1978	L4	1093	66	2
D 1184cc Flat4 OHV 2v	08/1965 - 12/1985	H4	1184	72	39
ANY 1191cc Inline3 SOHC 2v Turbo Diesel	06/1999 - 11/2000	L3	1191	72	139
AYZ 1191cc Inline3 SOHC 2v Turbo Diesel	11/2000 - 07/2005	L3	1191	72	139
113 1192cc Flat4 OHV 2v	01/1960 - 12/1972	H4	1192	72	39
122/2 1192cc Flat4 OHV 2v	08/1972 - 07/1991	H4	1192	72	39
AWY 1198cc Inline3 SOHC 2v	01/2002 - 05/2004	L3	1198	73	158
AZQ 1198cc Inline3 DOHC 4v	11/2001 - 05/2004	L3	1198	73	158
BBM 1198cc Inline3 SOHC 2v	05/2007 - On	L3	1198	73	158
BMD 1198cc Inline3 SOHC 2v	05/2004 - On	L3	1198	73	158
BME 1198cc Inline3 DOHC 4v	11/2004 - 07/2007	L3	1198	73	158
BZG 1198cc Inline3 DOHC 4v	05/2007 - On	L3	1198	73	158
CFWA 1199cc Inline3 DOHC 4v Turbo Diesel	10/2009 - On	L3	1199	73	154
2G 1272cc Inline4 SOHC 2v	01/1989 - 08/1994	L4	1272	77	10
3F 1272cc Inline4 SOHC 2v	01/1990 - 07/1994	L4	1272	77	10
AAV 1272cc Inline4 SOHC 2v	01/1991 - 07/1994	L4	1272	77	10
EU 1272cc Inline4 SOHC 2v	08/1983 - 07/1984	L4	1272	77	6
FY 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	1272	77	7
FZ 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	1272	77	7
GF 1272cc Inline4 SOHC 2v	02/1977 - 12/1985	L4	1272	77	7
GK 1272cc Inline4 SOHC 2v	08/1982 - 07/1989	L4	1272	77	10
GS 1272cc Inline4 SOHC 2v	08/1982 - 02/1984	L4	1272	77	8
GT 1272cc Inline4 SOHC 2v	08/1982 - 07/1988	L4	1272	77	7
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1983	L4	1272	77	7
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1982	L4	1272	77	7
HK 1272cc Inline4 SOHC 2v	08/1983 - 07/1986	L4	1272	77	7
HW 1272cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	1272	77	7
MH 1272cc Inline4 SOHC 2v	08/1985 - 12/1988	L4	1272	77	7
MN 1272cc Inline4 SOHC 2v Diesel	08/1985 - 07/1990	L4	1272	77	11
NU 1272cc Inline4 SOHC 2v	08/1985 - 12/1987	L4	1272	77	7
NZ 1272cc Inline4 SOHC 2v	08/1985 - 12/1992	L4	1272	77	10
PY 1272cc Inline4 SOHC 2v	08/1986 - 07/1994	L4	1272	77	11
AB 1285cc Flat4 OHV 2v	01/1970 - 06/1975	H4	1285	78	39





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AC 1285cc Flat4 OHV 2v	08/1970 - 07/1975	H4	1285	78	39
AR 1285cc Flat4 OHV 2v	08/1973 - 07/1975	H4	1285	78	39
E 1285cc Flat4 OHV 2v	08/1965 - 07/1970	H4	1285	78	39
F 1285cc Flat4 OHV 2v	08/1965 - 07/1970	H4	1285	78	39
ADX 1296cc Inline4 SOHC 2v	10/1994 - 04/1997	L4	1296	79	13
EP 1297cc Inline4 SOHC 2v	08/1981 - 07/1987	L4	1297	79	5
ZA 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	1297	79	9
ZF 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	1297	79	9
AEX 1390cc Inline4 SOHC 2v	07/1995 - 12/1997	L4	1390	84	13
AFH 1390cc Inline4 DOHC 4v	04/1996 - 12/1999	L4	1390	84	14
AFK 1390cc Inline4 DOHC 4v	05/1999 - 09/2001	L4	1390	84	16
AHW 1390cc Inline4 DOHC 4v	10/1997 - 06/2006	L4	1390	84	17
AKK 1390cc Inline4 SOHC 2v	10/1999 - 09/2001	L4	1390	84	17
AKP 1390cc Inline4 SOHC 2v	10/1999 - 09/2001	L4	1390	84	16
AKQ 1390cc Inline4 DOHC 4v	10/1997 - 05/2000	L4	1390	84	16
AKV 1390cc Inline4 SOHC 2v	05/1997 - 09/2000	L4	1390	84	20
ANM 1390cc Inline4 DOHC 4v	05/1999 - 05/2000	L4	1390	84	141
ANW 1390cc Inline4 SOHC 2v	10/1999 - 08/2000	L4	1390	84	17
ANX 1390cc Inline4 SOHC 2v	01/1998 - 12/1999	L4	1390	84	21
APE 1390cc Inline4 DOHC 4v	05/1999 - 12/2000	L4	1390	84	17
APQ 1390cc Inline4 SOHC 2v	11/1997 - 06/2003	L4	1390	84	20
AQQ 1390cc Inline4 DOHC 4v	05/1999 - 05/2000	L4	1390	84	17
ARR 1390cc Inline4 DOHC 4v	09/2000 - 11/2003	L4	1390	84	137
AUA 1390cc Inline4 DOHC 4v	10/1999 - 06/2003	L4	1390	84	17
AUB 1390cc Inline4 DOHC 4v	05/2000 - 07/2005	L4	1390	84	17
AUD 1390cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	1390	84	17
AXP 1390cc Inline4 DOHC 4v	05/2000 - 04/2002	L4	1390	84	16
AXU 1390cc Inline4 DOHC 4v	02/2002 - 07/2006	L4	1390	84	25
BBY 1390cc Inline4 DOHC 4v	11/2001 - 07/2006	L4	1390	84	17
BBZ 1390cc Inline4 DOHC 4v	05/2002 - On	L4	1390	84	17
BCA 1390cc Inline4 DOHC 4v	08/2001 - On	L4	1390	84	18
BKG 1390cc Inline4 DOHC 4v	10/2003 - 12/2004	L4	1390	84	159
BKY 1390cc Inline4 DOHC 4v	05/2004 - 05/2008	L4	1390	84	17
BLG 1390cc Inline4 DOHC 4v	11/2005 - On	L4	1390	84	28
BLN 1390cc Inline4 DOHC 4v	11/2004 - 07/2006	L4	1390	84	28
BMY 1390cc Inline4 DOHC 4v Turbo	02/2006 - On	L4	1390	84	28
BUD 1390cc Inline4 DOHC 4v	05/2006 - On	L4	1390	84	29
BWK 1390cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1390	84	27
CAVA 1390cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1390	84	151
CAVB 1390cc Inline4 DOHC 4v Turbo	11/2008 - On	L4	1390	84	27
CAVC 1390cc Inline4 DOHC 4v Turbo	11/2008 - On	L4	1390	84	27
CAVD 1390cc Inline4 DOHC 4v Turbo	05/2008 - On	L4	1390	84	27
CAVE 1390cc Inline4 DOHC 4v Turbo	05/2010 - 05/2012	L4	1390	84	151
CAXA 1390cc Inline4 DOHC 4v Turbo	05/2007 - On	L4	1390	84	151
CGGA 1390cc Inline4 DOHC 4v	10/2008 - On	L4	1390	84	153
CGGB 1390cc Inline4 DOHC 4v	06/2009 - On	L4	1390	84	153
CNWA 1390cc Inline4 DOHC 4v Turbo	07/2008 - On	L4	1390	84	152
ABD 1391cc Inline4 SOHC 2v	11/1991 - 07/1995	L4	1391	84	4
1W 1398cc Inline4 SOHC 2v Diesel	10/1990 - 07/1994	L4	1398	85	10
AMF 1422cc Inline3 SOHC 2v Turbo Diesel	05/1999 - 07/2006	L3	1422	86	140
ATL 1422cc Inline3 SOHC 2v Turbo Diesel	01/2000 - 04/2000	L3	1422	86	140
BAY 1422cc Inline3 SOHC 2v Turbo Diesel	11/2001 - 07/2006	L3	1422	86	140
BMS 1422cc Inline3 SOHC 2v Turbo Diesel	04/2005 - 11/2009	L3	1422	86	140
BNM 1422cc Inline3 SOHC 2v Turbo Diesel	04/2005 - On	L4	1422	86	140
BNV 1422cc Inline3 SOHC 2v Turbo Diesel	04/2005 - 11/2009	L3	1422	86	140
BWB 1422cc Inline3 SOHC 2v Turbo Diesel	05/2006 - On	L3	1422	86	140
EH 1457cc Inline4 SOHC 2v	08/1977 - 07/1979	L4	1457	88	9
FX 1457cc Inline4 SOHC 2v	08/1977 - 07/1980	L4	1457	88	9



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
GH 1457cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	1457	88	9
JB 1457cc Inline4 SOHC 2v	08/1977 - 02/1984	L4	1457	88	9
682 1471cc Inline4 SOHC 2v Diesel	12/1977 - 01/1982	L4	1471	89	32
CK 1471cc Inline4 SOHC 2v Diesel	08/1976 - 12/1982	L4	1471	89	9
FB 1471cc Inline4 SOHC 2v	02/1974 - 04/1974	L4	1471	89	143
FD 1471cc Inline4 SOHC 2v	02/1974 - 09/1975	L4	1471	89	9
FH 1471cc Inline4 SOHC 2v	01/1974 - 12/1975	L4	1471	89	30
FK 1471cc Inline4 SOHC 2v	08/1974 - 07/1975	L4	1471	89	30
YJ 1471cc Inline4 SOHC 2v	01/1974 - 12/1975	L4	1471	89	37
ZB 1471cc Inline4 SOHC 2v	05/1973 - 12/1975	L4	1471	89	37
ZC 1471cc Inline4 SOHC 2v	05/1973 - 12/1975	L4	1471	89	37
H 1493cc Flat4 OHV 2v	01/1960 - 12/1992	H4	1493	91	118
124 A 1584cc Flat4 OHV 2v	08/1961 - 07/1974	H4	1584	96	118
126/A 1584cc Flat4 OHV 2v	08/1963 - 07/1991	H4	1584	96	118
311 1584cc Flat4 OHV 2v	01/1960 - 12/1992	H4	1584	96	118
ACD 1584cc Flat4 OHV 2v	10/1992 - On	H4	1584	96	118
AD 1584cc Flat4 OHV 2v	07/1970 - 07/1973	H4	1584	96	118
AM 1584cc Flat4 OHV 2v	03/1973 - 09/1974	H4	1584	96	118
AS 1584cc Flat4 OHV 2v	08/1973 - 01/1980	H4	1584	96	118
1V 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 07/1992	L4	1588	96	31
496 1588cc Inline4 SOHC 2v	01/1974 - 12/1983	L4	1588	96	41
685 1588cc Inline4 SOHC 2v Diesel	12/1981 - 10/1988	L4	1588	96	33
686 1588cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 12/1990	L4	1588	96	33
68A 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 08/1988	L4	1588	96	33
68C 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 03/1994	L4	1588	96	33
68D 1588cc Inline4 SOHC 2v Diesel	03/1989 - 03/1994	L4	1588	96	33
ADK 1588cc Inline4 SOHC 2v Diesel	04/1994 - 07/1996	L4	1588	96	36
CR 1588cc Inline4 SOHC 2v Diesel	08/1980 - 02/1984	L4	1588	96	38
CS 1588cc Inline4 SOHC 2v Diesel	01/1981 - 07/1987	L4	1588	96	38
CY 1588cc Inline4 SOHC 2v Turbo Diesel	08/1981 - 03/1988	L4	1588	96	38
EE 1588cc Inline4 SOHC 2v	02/1976 - 07/1977	L4	1588	96	9
EF 1588cc Inline4 SOHC 2v	02/1976 - 07/1976	L4	1588	96	9
EG 1588cc Inline4 SOHC 2v	06/1976 - 07/1982	L4	1588	96	9
EJ 1588cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	1588	96	9
EM 1588cc Inline4 SOHC 2v	06/1979 - 02/1984	L4	1588	96	9
FN 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	1588	96	9
FP 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	1588	96	9
FR 1588cc Inline4 SOHC 2v	08/1975 - 02/1984	L4	1588	96	9
FS 1588cc Inline4 SOHC 2v	01/1976 - 08/1979	L4	1588	96	9
FT 1588cc Inline4 SOHC 2v	08/1975 - 07/1977	L4	1588	96	9
FV 1588cc Inline4 SOHC 2v	01/1976 - 07/1979	L4	1588	96	9
JK 1588cc Inline4 SOHC 2v Diesel	08/1981 - 11/1998	L4	1588	96	34
JP 1588cc Inline4 SOHC 2v Diesel	08/1983 - 10/1991	L4	1588	96	35
JR 1588cc Inline4 SOHC 2v Turbo Diesel	08/1983 - 10/1991	L4	1588	96	33
JX 1588cc Inline4 SOHC 2v Turbo Diesel	08/1984 - 07/1992	L4	1588	96	33
ME 1588cc Inline4 SOHC 2v Diesel	05/1988 - 07/1992	L4	1588	96	31
MF 1588cc Inline4 SOHC 2v Turbo Diesel	05/1988 - 10/1991	L4	1588	96	31
RA 1588cc Inline4 SOHC 2v Turbo Diesel	08/1988 - 02/1990	L4	1588	96	31
SB 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 10/1993	L4	1588	96	31
WP 1588cc Inline4 SOHC 2v	08/1980 - 07/1981	L4	1588	96	9
WV 1588cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1588	96	41
WY 1588cc Inline4 SOHC 2v	09/1979 - 07/1983	L4	1588	96	9
WZ 1588cc Inline4 SOHC 2v	08/1978 - 11/1980	L4	1588	96	9
YG 1588cc Inline4 SOHC 2v	01/1975 - 07/1980	L4	1588	96	9
YH 1588cc Inline4 SOHC 2v	09/1974 - 07/1980	L4	1588	96	9
YN 1588cc Inline4 SOHC 2v	09/1975 - 07/1981	L4	1588	96	41
YP 1588cc Inline4 SOHC 2v	09/1975 - 12/1982	L4	1588	96	9
YS 1588cc Inline4 SOHC 2v	02/1979 - 07/1980	L4	1588	96	9





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
YV 1588cc Inline4 SOHC 2v	09/1975 - 12/1983	L4	1588	96	9
YY 1588cc Inline4 SOHC 2v	02/1979 - 07/1981	L4	1588	96	9
1F 1595cc Inline4 SOHC 2v	08/1988 - 09/1997	L4	1595	97	62
ABN 1595cc Inline4 SOHC 2v	08/1991 - On	L4	1595	97	62
ADP 1595cc Inline4 SOHC 2v	01/1997 - 10/1997	L4	1595	97	69
AEH 1595cc Inline4 SOHC 2v	01/1998 - 05/2005	L4	1595	97	73
AEK 1595cc Inline4 SOHC 2v	10/1994 - 12/1995	L4	1595	97	69
AFT 1595cc Inline4 SOHC 2v	07/1995 - 10/2000	L4	1595	97	74
AHL 1595cc Inline4 SOHC 2v	10/1996 - 08/2000	L4	1595	97	78
AKL 1595cc Inline4 SOHC 2v	10/1997 - 05/2005	L4	1595	97	166
AKS 1595cc Inline4 SOHC 2v	04/1997 - 10/2000	L4	1595	97	76
ALZ 1595cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	1595	97	129
ANA 1595cc Inline4 SOHC 2v	07/1999 - 08/2000	L4	1595	97	129
APF 1595cc Inline4 SOHC 2v	05/1999 - 10/2000	L4	1595	97	73
ARM 1595cc Inline4 SOHC 2v	01/1999 - 08/2000	L4	1595	97	78
AUR 1595cc Inline4 SOHC 2v	07/2000 - 09/2001	L4	1595	97	73
AVU 1595cc Inline4 SOHC 2v	09/2000 - 04/2002	L4	1595	97	129
AWH 1595cc Inline4 SOHC 2v	11/1999 - 10/2000	L4	1595	97	73
AYD 1595cc Inline4 SOHC 2v	06/2000 - On	L4	1595	97	129
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	1595	97	129
BFS 1595cc Inline4 SOHC 2v	06/2002 - On	L4	1595	97	129
BGU 1595cc Inline4 SOHC 2v	07/2003 - 07/2007	L4	1595	97	129
BSE 1595cc Inline4 SOHC 2v	05/2005 - On	L4	1595	97	129
BSF 1595cc Inline4 SOHC 2v	05/2005 - On	L4	1595	97	129
CMXA 1595cc Inline4 SOHC 2v	05/2010 - On	L4	1595	97	129
DT 1595cc Inline4 SOHC 2v	08/1983 - 03/1988	L4	1595	97	87
EW 1595cc Inline4 SOHC 2v	01/1983 - 07/1992	L4	1595	97	93
EZ 1595cc Inline4 SOHC 2v	08/1983 - 09/1991	L4	1595	97	93
EZA 1595cc Inline4 SOHC 2v	08/1985 - 07/1987	L4	1595	97	87
HM 1595cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	1595	97	88
HN 1595cc Inline4 SOHC 2v	08/1983 - 07/1989	L4	1595	97	89
JU 1595cc Inline4 SOHC 2v	08/1983 - 07/1986	L4	1595	97	89
PN 1595cc Inline4 SOHC 2v	08/1985 - 07/1992	L4	1595	97	90
PP 1595cc Inline4 SOHC 2v	03/1987 - 03/1988	L4	1595	97	98
RE 1595cc Inline4 SOHC 2v	04/1986 - 07/1990	L4	1595	97	91
RF 1595cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	1595	97	64
RL 1595cc Inline4 SOHC 2v	08/1986 - 03/1988	L4	1595	97	92
ABU 1598cc Inline4 SOHC 2v	08/1992 - 09/1994	L4	1598	97	13
AEA 1598cc Inline4 SOHC 2v	10/1994 - 07/1995	L4	1598	97	13
AEE 1598cc Inline4 SOHC 2v	07/1995 - 12/2000	L4	1598	97	167
AHS 1598cc Inline4 SOHC 2v	03/1996 - 12/1999	L4	1598	97	15
AJV 1598cc Inline4 DOHC 4v	08/1998 - 12/1999	L4	1598	97	19
ALM 1598cc Inline SOHC 2v	07/1998 - 09/2001	L4	1598	97	12
ARC 1598cc Inline4 DOHC 4v	11/1999 - 09/2001	L4	1598	97	22
ATN 1598cc Inline4 DOHC 4v	11/1999 - 05/2000	L4	1598	97	23
AUS 1598cc Inline4 DOHC 4v	05/2000 - 04/2001	L4	1598	97	24
AVY 1598cc Inline4 DOHC 4v	06/2000 - 07/2005	L4	1598	97	22
AZD 1598cc Inline4 DOHC 4v	09/2000 - 11/2001	L4	1598	97	22
BAD 1598cc Inline4 DOHC 4v	08/2001 - 06/2006	L4	1598	97	26
BAG 1598cc Inline4 DOHC 4v	02/2003 - 07/2004	L4	1598	97	26
BCB 1598cc Inline4 DOHC 4v	11/2001 - 06/2006	L4	1598	97	22
BLF 1598cc Inline4 DOHC 4v	01/2005 - On	L4	1598	97	27
BLP 1598cc Inline4 DOHC 4v	02/2003 - 07/2005	L4	1598	97	27
BTS 1598cc Inline4 DOHC 4v	05/2006 - On	L4	1598	97	27
CAYA 1598cc Inline4 DOHC 4v Turbo Diesel	06/2009 - On	L4	1598	97	128
CAYB 1598cc Inline4 DOHC 4v Turbo Diesel	02/2009 - On	L4	1598	97	128
CAYC 1598cc Inline4 DOHC 4v Turbo Diesel	02/2009 - On	L4	1598	97	128
CAYD 1598cc Inline4 DOHC 4v Turbo Diesel	08/2010 - On	L4	1598	97	128



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CAYE 1598cc Inline4 DOHC 4v Turbo Diesel	08/2010 - On	L4	1598	97	128
CCSA 1598cc Inline4 SOHC 2v	07/2005 - On	L4	1598	97	129
CNKA 1598cc Inline4 DOHC 4v	01/2011 - On	L4	1598	97	150
O21 1679cc Flat4 OHV 2v	01/1968 - 12/1969	H4	1679	102	119
O22 1679cc Flat4 OHV 2v	08/1969 - 07/1974	H4	1679	102	119
CA 1679cc Flat4 OHV 2v	08/1971 - 12/1973	H4	1679	102	119
W 1679cc Flat4 OHV 2v	01/1969 - 12/1973	H4	1679	102	119
AHB 1716 Inline4 SOHC 2v Diesel	07/1996 - 09/2000	L4	1716	104	42
AHG 1716cc Inline4 SOHC 2v Diesel	04/1997 - 12/1999	L4	1716	104	42
AKU 1716cc Inline4 SOHC 2v Diesel	08/1997 - 07/2005	L4	1716	104	42
AKW 1716cc Inline4 SOHC 2v Diesel	11/1997 - 08/1999	L4	1716	104	42
EN 1716cc Inline4 SOHC 2v	08/1980 - 07/1984	L4	1716	104	142
JF 1716cc Inline4 SOHC 2v	01/1982 - 07/1984	L4	1716	104	40
KY 1716cc Inline4 SOHC 2v Diesel	08/1984 - 07/1992	L4	1716	104	58
WT 1716cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	1716	104	40
1H 1781cc Inline4 SOHC 2v Turbo	08/1988 - 07/1989	L4	1781	108	155
1P 1781cc Inline4 SOHC 2v	08/1988 - 07/1991	L4	1781	108	64
2H 1781cc Inline4 SOHC 2v	08/1989 - 07/1993	L4	1781	108	96
AAM 1781cc Inline4 SOHC 2v	08/1990 - 10/2000	L4	1781	108	67
ABS 1781cc Inline4 SOHC 2v	08/1991 - 07/1995	L4	1781	108	63
ACC 1781cc Inline4 SOHC 2v	11/1991 - 06/1999	L4	1781	108	69
ADD 1781cc Inline4 SOHC 2v	08/1985 - 09/2005	L4	1781	108	69
ADF 1781cc Inline4 SOHC 2v	04/1994 - On	L4	1781	108	69
ADR 1781cc Inline4 DOHC 5v	12/1996 - 01/1999	L4	1781	108	71
ADZ 1781cc Inline4 SOHC 2v	08/1994 - 10/2000	L4	1781	108	164
AEB 1781cc Inline4 DOHC 5v Turbo	10/1996 - 02/2001	L4	1781	108	72
AFY 1781cc Inline4 SOHC 2v	01/1997 - 04/2000	L4	1781	108	75
AGN 1781cc Inline4 DOHC 5v	10/1997 - 10/2000	L4	1781	108	73
AGU 1781cc Inline4 DOHC 5v Turbo	10/1997 - 05/2006	L4	1781	108	77
AJH 1781cc Inline4 DOHC 5v Turbo	11/1997 - 02/2000	L4	1781	108	70
ANB 1781cc Inline4 DOHC 5v Turbo	01/1999 - 04/2001	L4	1781	108	79
ANN 1781cc Inline4 SOHC 2v	12/1997 - 10/2000	L4	1781	108	68
ANP 1781cc Inline4 SOHC 2v	12/1997 - 10/2000	L4	1781	108	68
APH 1781cc Inline4 DOHC 5v Turbo	01/1998 - 05/2001	L4	1781	108	80
APT 1781cc Inline4 DOHC 5v	01/1999 - 04/2001	L4	1781	108	73
APU 1781cc Inline4 DOHC 5v Turbo	01/1999 - 04/2001	L4	1781	108	77
AQX 1781cc Inline4 DOHC 5v Turbo	12/1999 - 10/2000	L4	1781	108	136
ARG 1781cc Inline4 DOHC 5v	02/1999 - 04/2001	L4	1781	108	73
ARX 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2001	L4	1781	108	81
ARZ 1781cc Inline4 DOHC 5v Turbo	05/1999 - 04/2001	L4	1781	108	77
AUM 1781cc Inline4 DOHC 5v Turbo	09/2000 - 05/2006	L4	1781	108	83
AUQ 1781cc Inline4 DOHC 5v Turbo	06/2001 - 05/2005	L4	1781	108	83
AVC 1781cc Inline4 DOHC 5v Turbo	07/1999 - 10/2000	L4	1781	108	80
AWC 1781cc Inline4 DOHC 5v Turbo	04/2000 - On	L4	1781	108	73
AWM 1781cc Inline4 DOHC 5v Turbo	02/2001 - 05/2005	L4	1781	108	84
AWP 1781cc Inline4 DOHC 5v Turbo	06/2001 - 06/2005	L4	1781	108	81
AWT 1781cc Inline4 DOHC 5v Turbo	10/2000 - 05/2005	L4	1781	108	84
AWU 1781cc Inline4 DOHC 5v Turbo	10/2000 - On	L4	1781	108	82
AWV 1781cc Inline4 DOHC 5v Turbo	06/2000 - On	L4	1781	108	82
AYP 1781cc Inline4 DOHC 5v Turbo	09/2000 - 08/2002	L4	1781	108	136
BBU 1781cc Inline4 DOHC 5v Turbo	05/2006 - On	L4	1781	108	81
BJX 1781cc Inline4 DOHC 5v Turbo	09/2005 - On	L4	1781	108	81
BKF 1781cc Inline4 DOHC 5v Turbo	07/2004 - On	L4	1781	108	81
BKV 1781cc Inline4 DOHC 5v Turbo	12/2003 - On	L4	1781	108	81
BLZ 1781cc Inline4 DOHC 5v Turbo	05/2004 - On	L4	1781	108	81
DS 1781cc Inline4 SOHC 2v	01/1983 - 07/1988	L4	1781	108	85
DX 1781cc Inline4 SOHC 2v	08/1982 - 07/1992	L4	1781	108	94
DZ 1781cc Inline4 SOHC 2v	12/1983 - 07/1984	L4	1781	108	86





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EV 1781cc Inline4 SOHC 2v	12/1983 - 07/1987	L4	1781	108	95
EX 1781cc Inline4 SOHC 2v	08/1983 - 07/1993	L4	1781	108	95
GU 1781cc Inline4 SOHC 2v	08/1983 - 10/1991	L4	1781	108	95
GX 1781cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	1781	108	95
GZ 1781cc Inline4 SOHC 2v	01/1984 - 07/1988	L4	1781	108	95
HT 1781cc Inline4 SOHC 2v	01/1985 - 07/1985	L4	1781	108	134
HV 1781cc Inline4 SOHC 2v	08/1983 - 07/1987	L4	1781	108	95
JH 1781cc Inline4 SOHC 2v	05/1983 - 07/1994	L4	1781	108	95
JN 1781cc Inline4 SOHC 2v	08/1983 - 06/1993	L4	1781	108	85
JV 1781cc Inline4 SOHC 2v	08/1983 - 03/1988	L4	1781	108	85
KR 1781cc Inline4 DOHC 4v	08/1984 - 07/1992	L4	1781	108	95
KT 1781cc Inline4 SOHC 2v	08/1983 - 07/1989	L4	1781	108	95
PB 1781cc Inline4 SOHC 2v	01/1987 - On	L4	1781	108	65
PF 1781cc Inline4 SOHC 2v	01/1987 - 10/1991	L4	1781	108	64
PG 1781cc Inline4 SOHC 2v Turbo	08/1988 - 07/1993	L4	1781	108	97
PL 1781cc Inline4 DOHC 4v	02/1986 - 07/1992	L4	1781	108	96
RG 1781cc Inline4 SOHC 2v	02/1986 - 07/1987	L4	1781	108	96
RH 1781cc Inline4 SOHC 2v	08/1986 - 07/1990	L4	1781	108	96
RP 1781cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	1781	108	96
RV 1781cc Inline4 SOHC 2v	08/1987 - On	L4	1781	108	65
127 1795cc Flat4 OHV 2v	02/1974 - 01/1986	H4	1795	109	119
AP 1795cc Flat4 OHV 2v	08/1973 - 07/1975	H4	1795	109	119
AT 1795cc Flat4 OHV 2v	08/1973 - 12/1975	H4	1795	109	119
1X 1896cc Inline4 SOHC 2v Diesel	09/1990 - 12/1995	L4	1896	115	42
1Y 1896cc Inline4 SOHC 2v Diesel	05/1989 - 07/2006	L4	1896	115	42
1Z 1896cc Inline4 SOHC 2v Turbo Diesel	07/1993 - 06/1997	L4	1896	115	43
AAZ 1896cc Inline4 SOHC 2v Turbo Diesel	03/1991 - 08/1997	L4	1896	115	43
ABL 1896cc Inline4 SOHC 2v Turbo Diesel	01/1991 - 12/1998	L4	1896	115	43
ADE 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	1896	115	44
ADG 1896cc Inline4 SOHC 2v Diesel	04/1994 - On	L4	1896	115	45
AEF 1896cc Inline4 SOHC 2v Diesel	10/1994 - 07/2001	L4	1896	115	42
AEY 1896cc Inline4 SOHC 2v Diesel	07/1995 - 09/2000	L4	1896	115	44
AFD 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	1896	115	44
AFN 1896cc Inline4 SOHC 2v Turbo Diesel	02/1996 - 08/1999	L4	1896	115	46
AGD 1896cc Inline4 SOHC 2v Diesel	07/1996 - 09/2001	L4	1896	115	44
AGP 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 09/2001	L4	1896	115	48
AGR 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 05/2006	L4	1896	115	43
AHF 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 05/2005	L4	1896	115	49
AHH 1896cc Inline4 SOHC 2v Turbo Diesel	05/1998 - 08/2000	L4	1896	115	43
AHU 1896cc Inline4 SOHC 2v Turbo Diesel	07/1996 - On	L4	1896	115	43
AJM 1896cc Inline4 SOHC 2v Turbo Diesel	11/1998 - 07/2001	L4	1896	115	50
ALE 1896cc Inline4 SOHC 2v Turbo Diesel	05/1996 - 12/2001	L4	1896	115	43
ALH 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - On	L4	1896	115	43
ANC 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	1896	115	42
ANU 1896cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 05/2005	L4	1896	115	54
AQM 1896cc Inline4 SOHC 2v Diesel	11/1998 - 05/2006	L4	1896	115	42
ARD 1896cc Inline4 SOHC 2v Diesel	01/2002 - On	L4	1896	115	44
ARL 1896cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2006	L4	1896	115	122
ASV 1896cc Inline4 SOHC 2v Turbo Diesel	10/1999 - 05/2006	L4	1896	115	47
ASX 1896cc Inline4 SOHC 2v Diesel	10/1999 - 09/2001	L4	1896	115	44
ASY 1896cc Inline4 SOHC 2v Diesel	11/2001 - On	L4	1896	115	42
ASZ 1896cc Inline4 SOHC 2v Turbo Diesel	04/2001 - On	L4	1896	115	123
ATD 1896cc Inline4 SOHC 2v Turbo Diesel	02/2000 - On	L4	1896	115	50
ATJ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2000 - 08/2000	L4	1896	115	51
AUY 1896cc Inline4 SOHC 2v Turbo Diesel	01/2000 - On	L4	1896	115	52
AVB 1896cc Inline4 SOHC 2v Turbo Diesel	02/2000 - 05/2005	L4	1896	115	56
AVF 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2005	L4	1896	115	57
AVG 1896cc Inline4 SOHC 2v Turbo Diesel	08/1999 - 10/2000	L4	1896	115	46



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AVM 1896cc Inline4 SOHC 2v Turbo Diesel	11/2000 - On	L4	1896	115	44
AVQ 1896cc Inline4 SOHC 2v Turbo Diesel	02/2003 - 05/2004	L4	1896	115	127
AWX 1896cc Inline4 SOHC 2v Turbo Diesel	10/2000 - 05/2005	L4	1896	115	57
AXB 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	1896	115	100
AXC 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	1896	115	100
AXR 1896cc Inline4 SOHC 2v Turbo Diesel	05/2001 - On	L4	1896	115	126
AYQ 1896cc Inline4 SOHC 2v Diesel	09/2000 - 06/2003	L4	1896	115	42
BEQ 1896cc Inline4 SOHC 2v Diesel	02/2002 - On	L4	1896	115	44
BEU 1896cc Inline4 SOHC 2v Turbo Diesel	11/2002 - On	L4	1896	115	44
BEW 1896cc Inline4 SOHC 2v Turbo Diesel	06/2003 - On	L4	1896	115	128
BGL 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	1896	115	42
BGM 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	1896	115	42
BJB 1896cc Inline4 SOHC 2v Turbo Diesel	02/2004 - On	L4	1896	115	128
BJC 1896cc Inline4 SOHC 2v Turbo Diesel	11/2003 - On	L4	1896	115	44
BKC 1896cc Inline4 SOHC 2v Turbo Diesel	08/2003 - On	L4	1896	115	128
BLS 1896cc Inline4 SOHC 2v Turbo Diesel	06/2005 - On	L4	1896	115	128
BLT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - On	L4	1896	115	124
BMT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2006 - On	L4	1896	115	128
BPZ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2007 - 03/2008	L4	1896	115	100
BRR 1896cc Inline4 SOHC 2v Turbo Diesel	01/2006 - 11/2009	L4	1896	115	125
BRS 1896cc Inline4 SOHC 2v Turbo Diesel	06/2006 - 11/2009	L4	1896	115	125
BRU 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - 02/2006	L4	1896	115	55
BSU 1896cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	1896	115	55
BSW 1896cc Inline4 SOHC 2v Turbo Diesel	07/2003 - On	L4	1896	115	55
BTB 1896cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 05/2007	L4	1896	115	100
BVK 1896cc Inline4 SOHC 2v Turbo Diesel	11/2005 - On	L4	1896	115	53
BXE 1896cc Inline4 SOHC 2v Turbo Diesel	12/2005 - On	L4	1896	115	128
BXF 1896cc Inline4 SOHC 2v Turbo Diesel	02/2006 - On	L4	1896	115	128
BXJ 1896cc Inline4 SOHC 2v Turbo Diesel	06/2006 - On	L4	1896	115	128
BXT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2006 - On	L4	1896	115	44
DF 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	1915	116	121
DG 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	1915	116	121
DH 1915cc Flat4 OHV 2v	01/1983 - 11/1986	H4	1915	116	121
GW 1915cc Flat4 OHV 2v	08/1983 - 07/1985	H4	1915	116	121
WN 1921cc Inline5 SOHC 2v	01/1981 - 12/1984	L5	1921	117	60
AZV 1968cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	1968	120	99
BDJ 1968cc Inline4 SOHC 2v Diesel	02/2004 - On	L4	1968	120	100
BDK 1968cc Inline4 SOHC 2v Diesel	01/2004 - 11/2008	L4	1968	120	100
BGW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	1968	120	100
BHW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	1968	120	100
BKD 1968cc Inline4 DOHC 4v Turbo Diesel	08/2003 - On	L4	1968	120	99
BKP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - 05/2009	L4	1968	120	99
BMA 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2009	L4	1968	120	99
BMM 1968cc Inline4 DOHC 4v Turbo Diesel	12/2004 - On	L4	1968	120	100
BMN 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	1968	120	100
BMP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - On	L4	1968	120	100
BMR 1968cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	1968	120	99
BRT 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	1968	120	100
BST 1968cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	1968	120	100
BUZ 1968cc Inline4 DOHC 4v Turbo Diesel	10/2005 - On	L4	1968	120	99
BVE 1968cc Inline4 DOHC 4v Turbo Diesel	06/2005 - 05/2007	L4	1968	120	99
BVH 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	1968	120	100
BWV 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2007	L4	1968	120	99
CAAA 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	1968	120	101
CAAB 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	1968	120	101
CAAC 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	1968	120	101
CAAE 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	1968	120	101
CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	101





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2007 - On	L4	1968	120	101
CBAC 1968cc Inline4 DOHC 4v Turbo Diesel	01/2009 - On	L4	1968	120	101
CBBA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - 08/2009	L4	1968	120	101
CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - On	L4	1968	120	101
CBDA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	1968	120	101
CBDB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	1968	120	101
CBDC 1968cc Inline4 DOHC 4v Turbo Diesel	10/2008 - On	L4	1968	120	101
CBEA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	1968	120	101
CBHA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	124
CBJA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	101
CBJB 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	124
CBKA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	1968	120	124
CCHA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	1968	120	101
CCHB 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	1968	120	101
CDBA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	1968	120	101
CDCA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	1968	120	101
CEGA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - On	L4	1968	120	101
CFCA 1968cc Inline4 DOHC 4v Twin Turbo Diesel	09/2009 - On	L4	1968	120	101
CFFA 1968cc Inline4 Turbo Diesel	11/2007 - On	L4	1968	120	101
CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2008 - On	L4	1968	120	101
CFFD 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	1968	120	101
CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	101
CFHB 1968cc Inline4 Turbo Diesel	05/2005 - On	L4	1968	120	101
CFHC 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	1968	120	101
CFHE 1968cc Inline4 Turbo Diesel	11/2010 - On	L4	1968	120	101
CFHF 1968cc Inline4 Turbo Diesel	08/2010 - On	L4	1968	120	101
CFJA 1968cc Inline4 Turbo Diesel	12/2005 - On	L4	1968	120	101
CJAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2009 - On	L4	1968	120	101
CKJA 1968cc Inline4 SOHC 2v	10/2010 - On	L4	1968	120	162
CTKB 1968cc Inline4 Turbo Diesel	05/2011 - On	L4	1968	120	148
CKUB 1968cc Inline4 DOHC 4v Twin Turbo Diesel	10/2011 - On	L4	1968	120	148
CKUB 1968cc Inline4 Turbo Diesel	07/2011 - On	L4	1968	120	148
CKUC 1968cc Inline4 Turbo Diesel	10/2011 - On	L4	1968	120	148
CLCA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2010 - On	L4	1968	120	101
CLCB 1968cc Inline4 DOHC 4v Turbo Diesel	10/2010 - On	L4	1968	120	101
CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	1968	120	101
CLLA 1968cc Inline4 Turbo Diesel	06/2008 - On	L4	1968	120	101
039 1971cc Flat4 OHV 2v	01/1969 - 02/1976	H4	1971	120	120
CJ 1971cc Flat4 OHV 2v	08/1975 - 12/1980	H4	1971	120	120
CU 1971cc Flat4 OHV 2v	05/1979 - 12/1983	H4	1971	120	120
CV 1971cc Flat4 OHV 2v	05/1979 - 12/1982	H4	1971	120	120
GB 1971cc Flat4 OHV 2v	01/1972 - 12/1975	H4	1971	120	120
GE 1971cc Flat4 OHV 2v	08/1976 - 06/1979	H4	1971	120	120
2E 1984cc Inline4 SOHC 2v	01/1990 - 07/1996	L4	1984	121	165
9A 1984cc Inline4 DOHC 4v	04/1988 - 07/1995	L4	1984	121	62
ABF 1984cc Inline4 DOHC 4v	08/1992 - 10/1999	L4	1984	121	106
ADY 1984cc Inline4 SOHC 2v	07/1994 - 02/2000	L4	1984	121	106
AEG 1984cc Inline4 SOHC 2v	01/1998 - On	L4	1984	121	73
AEP 1984cc Inline4 SOHC 2v	01/1995 - 12/1997	L4	1984	121	107
AGG 1984cc Inline4 SOHC 2v	07/1995 - 03/2003	L4	1984	121	108
AKR 1984cc Inline4 SOHC 2v	09/1994 - On	L4	1984	121	109
ALT 1984cc Inline4 DOHC 5v	11/2001 - 05/2005	L4	1984	121	110
APK 1984cc Inline4 SOHC 2v	08/1998 - On	L4	1984	121	73
AQY 1984cc Inline4 SOHC 2v	08/1998 - On	L4	1984	121	73
ASU 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	1984	121	73
ATM 1984cc Inline4 SOHC 2v	04/2000 - On	L4	1984	121	111
ATU 1984cc Inline4 SOHC 2v	06/1999 - 06/2000	L4	1984	121	113
AUZ 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	1984	121	73



ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AVA 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	1984	121	73
AWF 1984cc Inline4 SOHC 2v	06/2000 - 06/2002	L4	1984	121	114
AWG 1984cc Inline4 SOHC 2v	05/2000 - 06/2002	L4	1984	121	114
AXA 1984cc Inline4 SOHC 2v	11/2003 - 11/2009	L4	1984	121	115
AXW 1984cc Inline4 DOHC 4v	10/2003 - 07/2005	L4	1984	121	116
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 02/2009	L4	1984	121	110
AZG 1984cc Inline4 SOHC 2v	08/2000 - On	L4	1984	121	81
AZH 1984cc Inline4 SOHC 2v	04/2000 - 06/2001	L4	1984	121	81
AZJ 1984cc Inline4 SOHC 2v	05/2001 - On	L4	1984	121	81
AZM 1984cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	1984	121	81
BBX 1984cc Inline4 SOHC 2v	04/2002 - On	L4	1984	121	81
BDC 1984cc Inline4 SOHC 2v	01/2003 - 06/2003	L4	1984	121	81
BEF 1984cc Inline4 SOHC 2v	04/2002 - On	L4	1984	121	161
BEH 1984cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	1984	121	81
BEJ 1984cc Inline4 SOHC 2v	06/2001 - On	L4	1984	121	81
BER 1984cc Inline4 SOHC 2v	01/2003 - On	L4	1984	121	81
BEV 1984cc Inline4 SOHC 2v	06/2003 - On	L4	1984	121	81
BGD 1984cc Inline4 SOHC 2v	07/2003 - On	L4	1984	121	81
BHP 1984cc Inline4 SOHC 2v	06/2003 - On	L4	1984	121	112
BHY 1984cc Inline4 SOHC 2v	09/2004 - 11/2008	L4	1984	121	160
BLR 1984cc Inline4 DOHC 4v	01/2005 - 07/2007	L4	1984	121	116
BLX 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	1984	121	116
BLY 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	1984	121	116
BPY 1984 Inline4 DOHC 4v Turbo	06/2005 - On	L4	1984	121	110
BSX 1984cc Inline4 DOHC 4v	02/2006 - On	L4	1984	121	81
BVX 1984cc Inline4 DOHC 4v	11/2005 - On	L4	1984	121	110
BVY 1984cc Inline4 DOHC 4v	06/2005 - On	L4	1984	121	116
BVZ 1984cc Inline4 DOHC 4v	11/2005 - On	L4	1984	121	116
BWA 1984cc Inline4 DOHC 4v Turbo	06/2005 - On	L4	1984	121	110
BYD 1984cc Inline4 DOHC 4v Turbo	09/2006 - 05/2007	L4	1984	121	117
CBSA 1984cc Inline4 SOHC 2v	08/2006 - On	L4	1984	121	84
CDLA 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	1984	121	117
CDLC 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	1984	121	117
HP 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	1994	121	103
JS 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	1994	121	103
AAC 1998cc Inline4 SOHC 2v	09/1990 - 06/2003	L4	1998	121	66
DJ 2095cc Flat4 OHV 2v	08/1984 - 07/1992	H4	2095	127	121
MV 2095cc Flat4 OHV 2v	08/1985 - 12/1992	H4	2095	127	121
SR 2095cc Flat4 OHV 2v	08/1986 - 07/1992	H4	2095	127	121
SS 2095cc Flat4 OHV 2v	08/1989 - 07/1992	H4	2095	127	121
WE 2144cc Inline5 SOHC 2v	06/1977 - 07/1984	L5	2144	130	59
HY 2226cc Inline5 SOHC 2v	08/1984 - 07/1988	L5	2226	135	104
JT 2226cc Inline5 SOHC 2v	08/1985 - 07/1988	L5	2226	135	104
KM 2226cc Inline5 SOHC 2v	08/1983 - 07/1985	L5	2226	135	104
KV 2226cc Inline5 SOHC 2v	01/1985 - 03/1988	L5	2226	135	104
KX 2226cc Inline5 SOHC 2v	01/1985 - 07/1988	L5	2226	135	104
AGZ 2324cc V5 DOHC 2v	09/1997 - 06/2001	V5	2324	141	130
AQN 2324cc V5 DOHC 5v	09/2000 - On	V5	2324	141	130
AZX 2324cc V5 DOHC 4v	01/2001 - 05/2005	V5	2324	141	130
AAB 2370cc Inline5 SOHC 2v Diesel	09/1990 - 12/2000	L5	2370	144	61
AJA 2370cc Inline5 SOHC 2v Diesel	04/1997 - 06/2003	L5	2370	144	61
1E 2383cc Inline6 SOHC 2v	08/1988 - 12/1995	L6	2383	145	138
1G 2383cc Inline6 SOHC 2v Turbo Diesel	08/1988 - 07/1992	L6	2383	145	138
1S 2383cc Inline6 SOHC 2v Diesel	08/1988 - 12/1995	L6	2383	145	138
751 2383cc Inline6 SOHC 2v Diesel	09/1983 - 06/1993	L6	2383	145	138
752 2383cc Inline6 SOHC 2v Turbo Diesel	09/1983 - 06/1993	L6	2383	145	138
ACL 2383cc Inline6 SOHC 2v Turbo Diesel	08/1991 - 12/1995	L6	2383	145	138
ACT 2383cc Inline6 SOHC 2v Diesel	08/1992 - 12/1995	L6	2383	145	138





ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
CP 2383cc Inline6 SOHC 2v Diesel	08/1978 - 11/1982	L6	2383	145	138
DL 2383cc Inline6 SOHC 2v	08/1982 - 07/1992	L6	2383	145	138
DV 2383cc Inline6 SOHC 2v Turbo Diesel	12/1982 - 07/1992	L6	2383	145	138
DW 2383cc Inline6 SOHC 2v Diesel	12/1982 - 07/1992	L6	2383	145	138
HS 2383cc Inline6 SOHC 2v	01/1983 - 12/1985	L6	2383	145	138
AAF 2461cc Inline5 SOHC 2v	09/1990 - 04/1995	L5	2461	150	102
ACU 2461cc Inline5 SOHC 2v	08/1993 - 10/1996	L5	2461	150	102
ACV 2461cc Inline5 SOHC 2v Turbo Diesel	09/1995 - 09/2003	L5	2461	150	105
AEN 2461cc Inline5 SOHC 2v	05/1995 - 12/1995	L5	2461	150	102
AET 2461cc Inline5 SOHC 2v	08/1996 - 09/2003	L5	2461	150	102
AEU 2461cc Inline5 SOHC 2v	08/1996 - 06/2003	L5	2461	150	102
AGX 2461cc Inline5 SOHC 2v Diesel	05/1996 - 04/2001	L5	2461	150	105
AHD 2461cc Inline5 SOHC 2v Turbo Diesel	05/1996 - 05/1999	L5	2461	150	105
AHY 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2000	L5	2461	150	105
AJT 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2003	L5	2461	150	105
ANF 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	2461	150	105
ANG 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
ANH 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
ANJ 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 07/2006	L5	2461	150	105
APA 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 04/2001	L5	2461	150	105
APL 2461cc Inline5 SOHC 2v	05/1999 - 12/1999	L5	2461	150	102
AUF 2461cc Inline5 SOHC 2v Turbo Diesel	11/1999 - 09/2003	L5	2461	150	105
AVR 2461cc Inline5 SOHC 2v Turbo Diesel	12/2002 - 07/2006	L5	2461	150	105
AVT 2461cc Inline5 SOHC 2v	12/1999 - 06/2003	L5	2461	150	102
AXD 2461cc Inline5 SOHC 2v Turbo Diesel	04/2003 - On	L5	2461	150	149
AXE 2461cc Inline5 SOHC 2v Turbo Diesel	04/2003 - On	L5	2461	150	149
AXG 2461cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 09/2003	L5	2461	150	105
AXL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	2461	150	105
AYC 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	2461	150	105
AYY 2461cc Inline5 SOHC 2v Diesel	10/2001 - 09/2003	L5	2461	150	105
BAC 2461cc Inline5 SOHC 2v Turbo Diesel	01/2003 - 11/2006	L5	2461	150	149
BBE 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	2461	150	105
BBF 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	2461	150	105
BBR 2461cc Inline5 SOHC 2v Turbo Diesel	01/2003 - On	L5	2461	150	105
BCT 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	2461	150	105
BCU 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
BCV 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	2461	150	105
BJJ 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BJK 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BJL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BJM 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	2461	150	156
BLJ 2461cc Inline5 SOHC 2v Turbo Diesel	11/2003 - 11/2009	L5	2461	150	149
BLK 2461cc Inline5 SOHC 2v Turbo Diesel	07/2003 - 11/2006	L5	2461	150	149
BNZ 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - 11/2009	L5	2461	150	149
BPC 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - 11/2009	L5	2461	150	149
BPD 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - On	L5	2461	150	149
BPE 2461cc Inline5 SOHC 2v Turbo Diesel	01/2006 - On	L5	2461	150	149
BTW 2461cc Inline5 SOHC 2v Turbo Diesel	04/2005 - On	L5	2461	150	105
CEBA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
CEBB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
CECA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
CECB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	2461	150	156
ACK 2771cc V6 DOHC 5v	05/1997 - 12/1998	V6	2771	169	157
AGE 2771cc V6 DOHC 5v	05/1997 - 09/1999	V6	2771	169	157
AHA 2771cc V6 DOHC 5v	01/1994 - 12/1999	V6	2771	169	163
ALG 2771cc V6 DOHC 5v	06/1997 - 12/1998	V6	2771	169	157
AMX 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	2771	169	157
APR 2771cc V6 DOHC 5v	01/1999 - 02/2001	V6	2771	169	157

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ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
AQD 2771cc V6 DOHC 5v	01/1999 - 08/2000	V6	2771	169	157
ATQ 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	2771	169	157
ATX 2771cc V6 DOHC 5v	09/1999 - 08/2000	V6	2771	169	157
BBG 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	2771	169	157
AAA 2792cc V6 DOHC 2v	06/1991 - On	V6	2792	170	131
AES 2792cc V6 DOHC 2v	01/1996 - 05/2000	V6	2792	170	131
AMV 2792cc V6 DOHC 4v	05/2000 - 09/2003	V6	2792	170	131
AQP 2792cc V6 DOHC 4v	05/1999 - 05/2000	V6	2792	170	131
AUE 2792cc V6 DOHC 4v	01/2000 - 04/2002	V6	2792	170	131
AYL 2792cc V6 DOHC 4v	04/2000 - On	V6	2792	170	131
BDE 2792cc V6 DOHC 4v	05/2001 - 06/2005	V6	2792	170	131
ABV 2861cc V6 DOHC 2v	10/1984 - 12/1997	V6	2861	174	131
AXZ 3168cc V6 DOHC 4v	11/2005 - On	V6	3168	193	132
AXJ 3189cc V6 DOHC 4v	10/2000 - 05/2001	V6	3189	194	131
AYT 3189cc V6 DOHC 4v	05/2002 - 05/2005	V6	3189	194	131
AZZ 3189cc V6 DOHC 4v	11/2002 - 05/2004	V6	3189	194	131
BAA 3189cc V6 DOHC 4v	08/2003 - 05/2004	V6	3189	194	131
BDL 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	3189	194	131
BFH 3189cc V6 DOHC 4v	06/2002 - 05/2004	V6	3189	194	131
BKJ 3189cc V6 DOHC 4v	05/2003 - 05/2004	V6	3189	194	131
BKK 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	3189	194	131
BKL 3189cc V6 DOHC 4v	08/2003 - 10/2008	V6	3189	194	131
BML 3189cc V6 DOHC 4v	10/2003 - 06/2006	V6	3189	194	131
BMV 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	3189	194	131
BMX 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	3189	194	131
BRJ 3189cc V6 DOHC 4v	05/2004 - 05/2006	V6	3189	194	131
BRK 3189cc V6 DOHC 4v	05/2004 - 10/2008	V6	3189	194	131
BUB 3189cc V6 DOHC 4v	11/2005 - On	V6	3189	194	131
CBRA 3189cc V6 DOHC 4v	05/2007 - On	V6	3189	194	131
CFLA 3189cc V6 DOHC 4v	11/2003 - 11/2009	V6	3189	194	131
BHK 3597cc V6 DOHC 4v	10/2005 - On	V6	3597	219	132
BLV 3597cc V6 DOHC 4v	05/2004 - On	V6	3597	219	132
BWS 3597cc V6 DOHC 4v	04/2007 - On	V6	3597	219	133





1	Engine	Year	Cyl	Bore x Stroke	1		
	HE 771cc Inline4 SOHC 2v	01/1976 - 07/1978	L4	64.5mm x 59.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A
		41.970/1.6524	45.016/1.7723				IH
<b>CONROD</b>							
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610
		41.980/1.6528	45.016/1.7723				IH
<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b>							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)
		53.978/2.1251	59.019/2.3236				UL
<b>MAINS</b>							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)
		53.978/2.1251	59.019/2.3236				UL
<b>MAINS</b>							
<i>Full Groove Set. Overwidth flange on undersizes.</i>							
<b>5M1675A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1675A(F)
		53.978/2.1251	59.019/2.3236				UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

2	Engine	Year	Cyl	Bore x Stroke	2
	361 1093cc Inline4 SOHC 2v	01/1974 - On	L4	69.5mm x 72.0mm	
	FA 1093cc Inline4 SOHC 2v	02/1974 - 07/1979	L4	69.5mm x 72.0mm	
	FJ 1093cc Inline4 SOHC 2v	08/1976 - 07/1979	L4	69.5mm x 72.0mm	
	GG 1093cc Inline4 SOHC 2v	08/1979 - 02/1984	L4	69.5mm x 72.0mm	
	HA 895cc Inline4 SOHC 2v	04/1975 - 09/1981	L4	69.5mm x 59.0mm	
	HB 1093cc Inline4 SOHC 2v	04/1975 - 07/1983	L4	69.5mm x 72.0mm	
	HD 1093cc Inline4 SOHC 2v	08/1976 - 07/1978	L4	69.5mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A IH	
		41.970/1.6524	45.016/1.7723					
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610 IH	
		41.980/1.6528	45.016/1.7723					
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
			53.978/2.1251	59.019/2.3236				
<b>MAINS</b> <i>Full Groove Set. Overwidth flange on undersizes.</i>								
<b>5M1675A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
		53.978/2.1251	59.019/2.3236					
	3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1675A(F) UL
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4169</b> UNB			23.000/.9055		24.00/.945	F100	4RB4169	
			23.025/.9065					
<b>PISTON PIN BUSH</b>								
<b>RB4169</b> UNB			23.000/.9055		24.00/.945	F100	RB4169	
			23.025/.9065					

3	Engine	Year	Cyl	Bore x Stroke	3
	HC 1093cc Inline4 SOHC 2v	04/1975 - 07/1977	L4	69.5mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A IH	
		41.970/1.6524	45.016/1.7723					
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610 IH	
		41.980/1.6528	45.016/1.7723					
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
			53.978/2.1251	59.019/2.3236				
<b>AUX</b>								
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					





**3 Continued ...** **3**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4169</b> UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169
<b>PISTON PIN BUSH</b>							
<b>RB4169</b> UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169

**4 Engine** **4**

**Year** **Cyl** **Bore x Stroke**

ABD 1391cc Inline4 SOHC 2v 11/1991 - 07/1995 L4 76.5mm x 76.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
<b>CONROD</b>							
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>							
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

**5 Engine** **5**

**Year** **Cyl** **Bore x Stroke**

EP 1297cc Inline4 SOHC 2v 08/1981 - 07/1987 L4 75.0mm x 73.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>								
<b>RACE SERIES</b> <b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>CONROD</b> <i>Has plain shells.</i>								
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH	
<b>MAINS</b> <i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
	<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
1,2,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
		53.978/2.1251	59.019/2.3236					

5 Continued ...							5
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110	15.00/.591	15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717			F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4170</b> UNB	PISTON PIN BUSH	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170
<b>RB4053</b> UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				
<b>RB4170</b> UNB	PISTON PIN BUSH	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170

6 Engine				Year	Cyl	Bore x Stroke	6										
EU 1272cc Inline4 SOHC 2v				08/1983 - 07/1984	L4	75.0mm x 72.0mm											
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.										
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH										
		47.758/1.8802	50.600/1.9921														
RACE SERIES <b>4B1606H</b> STD, .025, .25, .50	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH										
		47.758/1.8802	50.600/1.9921														
RACE SERIES <b>4B1606HX</b> STD	CONROD	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH										
		47.778/1.8810	50.619/1.9929														
<b>4B1606P</b> STD, .25, .50, .75, 1.00	CONROD	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH										
		47.758/1.8802	50.600/1.9921														
<b>5M1643A</b> STD, .25, .50, .75, 1.00	MAINS	<i>Full groove on #4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>		2.502/.0985	18.50/.728	F810	1648A U 1644A L 1643A(F) UL 1648A L										
		1,2,4,5	53.958/2.1243					59.000/2.3228									
			53.978/2.1251					59.019/2.3236									
		1,2,5	53.958/2.1243					59.000/2.3228									
			53.978/2.1251					59.019/2.3236									
		3	53.958/2.1243					59.000/2.3228									
			53.978/2.1251					59.019/2.3236									
		4	53.958/2.1243					59.000/2.3228									
			53.978/2.1251					59.019/2.3236									
		<b>5M1654A</b> STD, .25, .50, .75, 1.00	MAINS					<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>		2.502/.0985	18.50/.728	F810	1648A U 1644A L 1654A(F) UL				
								1,2,4,5	53.958/2.1243					59.000/2.3228			
									53.978/2.1251					59.019/2.3236			
1,2,4,5	53.958/2.1243			59.000/2.3228													
	53.978/2.1251			59.019/2.3236													
3	53.958/2.1243			59.000/2.3228													
	53.978/2.1251			59.019/2.3236													
<b>2BS7006</b> UNB	AUX			1	42.959/1.6913	46.000/1.8110	15.00/.591	F23	7006								
					42.975/1.6919	46.025/1.8120											
					2	41.959/1.6519								45.000/1.7717	15.00/.591	F23	7007
						41.975/1.6526								45.025/1.7726			
<b>4RB4170</b> UNB	PISTON PIN BUSH			<i>Set of 4. Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	4RB4170								





6 Continued ...							6
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>RB4170</b> UNB		<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170
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7 Engine	Year	Cyl	Bore x Stroke	7
FY 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	75.0mm x 72.0mm	
FZ 1272cc Inline4 SOHC 2v	01/1978 - 07/1983	L4	75.0mm x 72.0mm	
GF 1272cc Inline4 SOHC 2v	02/1977 - 12/1985	L4	75.0mm x 72.0mm	
GL 1043cc Inline4 SOHC 2v	08/1981 - 10/1986	L4	75.0mm x 59.0mm	
GN 1043cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	75.0mm x 59.0mm	
GT 1272cc Inline4 SOHC 2v	08/1982 - 07/1988	L4	75.0mm x 72.0mm	
HH 1272cc Inline4 SOHC 2v	08/1977 - 07/1983	L4	75.0mm x 72.0mm	
HJ 1272cc Inline4 SOHC 2v	01/1977 - 07/1982	L4	75.0mm x 72.0mm	
HK 1272cc Inline4 SOHC 2v	08/1983 - 07/1986	L4	75.0mm x 72.0mm	
HW 1272cc Inline4 SOHC 2v	08/1983 - 07/1985	L4	75.0mm x 72.0mm	
MH 1272cc Inline4 SOHC 2v	08/1985 - 12/1988	L4	75.0mm x 72.0mm	
NU 1272cc Inline4 SOHC 2v	08/1985 - 12/1987	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b>	41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
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<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25		<b>CONROD</b>	41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
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<b>5M1675A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b>	<i>Full Groove Set. Overwidth flange on undersizes.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
		1,2,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL

<b>2B57006</b> UNB		<b>AUX</b>	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
			2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

<b>4RB4169</b> UNB		<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		23.000/.9055 23.025/.9065	24.00/.945	F100	4RB4169
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<b>RB4169</b> UNB		<b>PISTON PIN BUSH</b>		23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169
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8 Engine	Year	Cyl	Bore x Stroke	8
GS 1272cc Inline4 SOHC 2v	08/1982 - 02/1984	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b>	41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
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<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25		<b>CONROD</b>	41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
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<b>5M1643A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		1,2,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L

# Volkswagen



8 Continued ...							8
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1643A</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
	<b>MAINS</b>		<i>Full Groove Set. Overwidth flange on undersizes.</i>				
<b>5M1675A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
<b>4RB4169</b> UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	4RB4169
<b>PISTON PIN BUSH</b>							
<b>RB4169</b> UNB			23.000/.9055 23.025/.9065		24.00/.945	F100	RB4169





9	Engine	Year	Cyl	Bore x Stroke	9
	CK 1471cc Inline4 SOHC 2v Diesel	08/1976 - 12/1982	L4	76.5mm x 80.0mm	
	EE 1588cc Inline4 SOHC 2v	02/1976 - 07/1977	L4	79.5mm x 80.0mm	
	EF 1588cc Inline4 SOHC 2v	02/1976 - 07/1976	L4	79.5mm x 80.0mm	
	EG 1588cc Inline4 SOHC 2v	06/1976 - 07/1982	L4	79.5mm x 80.0mm	
	EH 1457cc Inline4 SOHC 2v	08/1977 - 07/1979	L4	79.5mm x 73.4mm	
	EJ 1588cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	79.5mm x 80.0mm	
	EM 1588cc Inline4 SOHC 2v	06/1979 - 02/1984	L4	79.5mm x 80.0mm	
	FD 1471cc Inline4 SOHC 2v	02/1974 - 09/1975	L4	76.5mm x 80.0mm	
	FN 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	79.5mm x 80.0mm	
	FP 1588cc Inline4 SOHC 2v	01/1975 - 06/1979	L4	79.5mm x 80.0mm	
	FR 1588cc Inline4 SOHC 2v	08/1975 - 02/1984	L4	79.5mm x 80.0mm	
	FS 1588cc Inline4 SOHC 2v	01/1976 - 08/1979	L4	79.5mm x 80.0mm	
	FT 1588cc Inline4 SOHC 2v	08/1975 - 07/1977	L4	79.5mm x 80.0mm	
	FV 1588cc Inline4 SOHC 2v	01/1976 - 07/1979	L4	79.5mm x 80.0mm	
	FX 1457cc Inline4 SOHC 2v	08/1977 - 07/1980	L4	79.5mm x 73.4mm	
	GH 1457cc Inline4 SOHC 2v	08/1979 - 07/1980	L4	79.5mm x 73.4mm	
	JB 1457cc Inline4 SOHC 2v	08/1977 - 02/1984	L4	79.5mm x 73.4mm	
	WP 1588cc Inline4 SOHC 2v	08/1980 - 07/1981	L4	79.5mm x 80.0mm	
	WY 1588cc Inline4 SOHC 2v	09/1979 - 07/1983	L4	79.5mm x 80.0mm	
	WZ 1588cc Inline4 SOHC 2v	08/1978 - 11/1980	L4	79.5mm x 80.0mm	
	YG 1588cc Inline4 SOHC 2v	01/1975 - 07/1980	L4	79.5mm x 80.0mm	
	YH 1588cc Inline4 SOHC 2v	09/1974 - 07/1980	L4	79.5mm x 80.0mm	
	YP 1588cc Inline4 SOHC 2v	09/1975 - 12/1982	L4	79.5mm x 80.0mm	
	YS 1588cc Inline4 SOHC 2v	02/1979 - 07/1980	L4	79.5mm x 80.0mm	
	YV 1588cc Inline4 SOHC 2v	09/1975 - 12/1983	L4	79.5mm x 80.0mm	
	YY 1588cc Inline4 SOHC 2v	02/1979 - 07/1981	L4	79.5mm x 80.0mm	
	ZA 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	75.0mm x 73.4mm	
	ZF 1297cc Inline4 SOHC 2v	05/1973 - 01/1978	L4	75.0mm x 73.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Has plain shells.</i>							
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A
		45.970/1.8098	49.016/1.9298				IH
<b>CONROD</b>							
<i>Has plain shells.</i>							
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636
		45.970/1.8098	49.016/1.9298				IH
<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b>							
<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U

9 Continued ...							9
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
	<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
	<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
	<b>CAMS</b>						
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
	<b>AUX</b>						
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
	<b>PISTON PIN BUSH</b>						
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

10 Engine	Year	Cyl	Bore x Stroke	10
1W 1398cc Inline4 SOHC 2v Diesel	10/1990 - 07/1994	L4	75.0mm x 79.1mm	
2G 1272cc Inline4 SOHC 2v	01/1989 - 08/1994	L4	75.0mm x 72.0mm	
3F 1272cc Inline4 SOHC 2v	01/1990 - 07/1994	L4	75.0mm x 72.0mm	
AAK 1043cc Inline4 SOHC 2v	01/1990 - 07/1990	L4	75.0mm x 59.0mm	
AAU 1043cc Inline4 SOHC 2v	10/1990 - 07/1994	L4	75.0mm x 59.0mm	
AAV 1272cc Inline4 SOHC 2v	01/1991 - 07/1994	L4	75.0mm x 72.0mm	
ACM 1043cc Inline4 SOHC 2v	02/1992 - 12/1992	L4	75.0mm x 59.0mm	
AEV 1043cc Inline4 SOHC 2v	10/1994 - 06/1996	L4	75.0mm x 59.0mm	
GK 1272cc Inline4 SOHC 2v	08/1982 - 07/1989	L4	75.0mm x 72.0mm	
HZ 1043cc Inline4 SOHC 2v	05/1985 - 01/1992	L4	75.0mm x 59.0mm	
NZ 1272cc Inline4 SOHC 2v	08/1985 - 12/1992	L4	75.0mm x 72.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>						
		41.950/1.6516 41.970/1.6524	45.000/1.7717 45.016/1.7723	1.506/.0593	18.00/.709	F810	1610A IH
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>						
		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.505/.0593	18.00/.709	F780	1610 IH
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
<b>2T1644</b> STD	<b>THRUST</b>						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL





**10 Continued ... 10**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS7006</b> UNB	<b>AUX</b>						
	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4169</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
			23.000/.9055		24.00/.945	F100	4RB4169
			23.025/.9065				
<b>RB4169</b> UNB	<b>PISTON PIN BUSH</b>						
			23.000/.9055		24.00/.945	F100	RB4169
			23.025/.9065				

**11 Engine Year Cyl Bore x Stroke 11**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MN 1272cc Inline4 SOHC 2v Diesel</b>				08/1985 - 07/1990	L4	75.0mm x 72.0mm	
<b>PY 1272cc Inline4 SOHC 2v</b>				08/1986 - 07/1994	L4	75.0mm x 72.0mm	
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>						
		41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A IH
		41.970/1.6524	45.016/1.7723				
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25	<b>CONROD</b>						
		41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610 IH
		41.980/1.6528	45.016/1.7723				
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A IH
		53.978/2.1251	59.019/2.3236				
<b>5M1675A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> <i>Full Groove Set. Overwidth flange on undersizes.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1675A(F) UL
		53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>						
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>2BS7006</b> UNB	<b>AUX</b>						
	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4169</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>						
			23.000/.9055		24.00/.945	F100	4RB4169
			23.025/.9065				
<b>RB4169</b> UNB	<b>PISTON PIN BUSH</b>						
			23.000/.9055		24.00/.945	F100	RB4169
			23.025/.9065				

**12 Engine Year Cyl Bore x Stroke 12**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>ALM 1598cc Inline SOHC 2v</b>				07/1998 - 09/2001	L4	76.5mm x 86.9mm	
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b> <i>Bearing has no locating notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH
		47.778/1.8810	50.619/1.9929				
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>						
		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>						
	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				

# Volkswagen



## 12 Continued ... 12

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

## 13 Engine Year Cyl Bore x Stroke 13

ABU 1598cc Inline4 SOHC 2v	08/1992 - 09/1994	L4	76.5mm x 86.9mm
ADX 1296cc Inline4 SOHC 2v	10/1994 - 04/1997	L4	76.5mm x 70.5mm
AEA 1598cc Inline4 SOHC 2v	10/1994 - 07/1995	L4	76.5mm x 86.9mm
AEX 1390cc Inline4 SOHC 2v	07/1995 - 12/1997	L4	76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>Bearing has no locating notch.</i>							
<b>4B1615A</b> STD, .25, .50, .75		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A
		47.778/1.8810	50.619/1.9929				IH
<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>							
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				IH
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

## 14 Engine Year Cyl Bore x Stroke 14

AFH 1390cc Inline4 DOHC 4v	04/1996 - 12/1999	L4	76.5mm x 75.6mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>Bearing has no locating notch.</i>								
<b>4B1615A</b> STD, .25, .50, .75		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A	
		47.778/1.8810	50.619/1.9929				IH	
<b>CONROD</b>								
<b>4B5536D</b> STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D	
		47.778/1.8810	50.612/1.9926				U	
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536	
		47.778/1.8810	50.612/1.9926				L	
<b>CONROD</b>								
<b>4B5536P</b> STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536	
		47.778/1.8810	50.612/1.9926				IH	
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
	<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L	
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
<b>MAINS</b>								
<b>5M5543A</b> STD, .25, .50		1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A
		53.978/2.1251	59.019/2.3236				UL	





14 Continued ...							14
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			20.50/.807	F100	4RB4174
			20.000/.7874 20.033/.7887				
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

15 Engine			Year	Cyl	Bore x Stroke	15
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AHS 1598cc Inline4 SOHC 2v			03/1996 - 12/1999	L4	76.5mm x 86.9mm	
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH	
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
1,2,3,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>5M5543A</b> STD, .25, .50		<b>MAINS</b>	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810
	<b>THRUST</b>							
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			20.50/.807	F100	4RB4174	
			20.000/.7874 20.033/.7887					
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174	

16 Engine			Year	Cyl	Bore x Stroke	16
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AFK 1390cc Inline4 DOHC 4v			05/1999 - 09/2001	L4	76.5mm x 75.6mm	
AKP 1390cc Inline4 SOHC 2v			10/1999 - 09/2001	L4	76.5mm x 75.6mm	
AKQ 1390cc Inline4 DOHC 4v			10/1997 - 05/2000	L4	76.5mm x 75.6mm	
AXP 1390cc Inline4 DOHC 4v			05/2000 - 04/2002	L4	76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH	
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
		<b>THRUST</b>						
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL	
		59.750/2.3524	71.800/2.8268					

**16 Continued ... 16**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS7006</b> UNB	<b>AUX</b> 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

**17 Engine Year Cyl Bore x Stroke 17**

AHW 1390cc Inline4 DOHC 4v	10/1997 - 06/2006	L4	76.5mm x 75.6mm
AKK 1390cc Inline4 SOHC 2v	10/1999 - 09/2001	L4	76.5mm x 75.6mm
ANW 1390cc Inline4 SOHC 2v	10/1999 - 08/2000	L4	76.5mm x 75.6mm
APE 1390cc Inline4 DOHC 4v	05/1999 - 12/2000	L4	76.5mm x 75.6mm
AQQ 1390cc Inline4 DOHC 4v	05/1999 - 05/2000	L4	76.5mm x 75.6mm
AUA 1390cc Inline4 DOHC 4v	10/1999 - 06/2003	L4	76.5mm x 75.6mm
AUB 1390cc Inline4 DOHC 4v	05/2000 - 07/2005	L4	76.5mm x 75.6mm
AUD 1390cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	76.5mm x 75.6mm
BBY 1390cc Inline4 DOHC 4v	11/2001 - 07/2006	L4	76.5mm x 75.6mm
BBZ 1390cc Inline4 DOHC 4v	05/2002 - On	L4	76.5mm x 75.6mm
BKY 1390cc Inline4 DOHC 4v	05/2004 - 05/2008	L4	76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>		1.405/.0553	18.50/.728	F810	1615A IH
		47.758/1.8802	50.600/1.9921				
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				
<b>2BS7006</b> UNB	<b>AUX</b> 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>	20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				



# Volkswagen

18 Engine		Year	Cyl	Bore x Stroke	18		
BCA 1390cc Inline4 DOHC 4v		08/2001 - On	L4	76.5mm x 75.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
<b>2B57006</b> UNB	<b>AUX</b> 1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

19 Engine		Year	Cyl	Bore x Stroke	19		
AJV 1598cc Inline4 DOHC 4v		08/1998 - 12/1999	L4	76.5mm x 75.6mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL



**19 Continued ... 19**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4174</b> UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	4RB4174
<b>PISTON PIN BUSH</b>							
<b>RB4174</b> UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

**20 Engine Year Cyl Bore x Stroke 20**

AKV 1390cc Inline4 SOHC 2v	05/1997 - 09/2000	L4	76.5mm x 75.6mm
APQ 1390cc Inline4 SOHC 2v	11/1997 - 06/2003	L4	76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing has no locating notch.</i>							
<b>4B1615A</b> STD, .25, .50, .75		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
<b>4B5542A</b> STD, .25, .50, .75		47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>							
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
<b>5M5543A</b> STD, .25, .50	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4174</b> UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	4RB4174
<b>PISTON PIN BUSH</b>							
<b>RB4174</b> UNB			20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

**21 Engine Year Cyl Bore x Stroke 21**

ANX 1390cc Inline4 SOHC 2v	01/1998 - 12/1999	L4	76.5mm x 75.6mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Bearing has no locating notch.</i>							
<b>4B1615A</b> STD, .25, .50, .75		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
<b>4B5542A</b> STD, .25, .50, .75		47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH
<b>MAINS</b> <i>Full Groove Set. Requires thrustwashers.</i>							
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
<b>5M5543A</b> STD, .25, .50	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL





**21 Continued ... 21**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

<b>22 Engine</b>	<b>Year</b>	<b>Cyl</b>	<b>Bore x Stroke</b>	<b>22</b>
ARC 1598cc Inline4 DOHC 4v	11/1999 - 09/2001	L4	76.5mm x 86.9mm	
AVY 1598cc Inline4 DOHC 4v	06/2000 - 07/2005	L4	76.5mm x 86.9mm	
AZD 1598cc Inline4 DOHC 4v	09/2000 - 11/2001	L4	76.5mm x 86.9mm	
BCB 1598cc Inline4 DOHC 4v	11/2001 - 06/2006	L4	76.5mm x 86.9mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES CONROD</b>							
<i>Has one oil hole and no notch.</i>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES CONROD</b>							
<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1609HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>							
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>							
<b>4B5542A</b> STD, .25, .50, .75		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>MAINS</b>							
<b>5M5543A</b> STD, .25, .50	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>PISTON PIN BUSH</b>							
<i>Set of 4.</i>							
<b>4RB4174</b> UNB			20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
<b>PISTON PIN BUSH</b>							
<b>RB4174</b> UNB			20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

**23 Engine Year Cyl Bore x Stroke 23**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>RACE SERIES CONROD</b>							
<i>Has one oil hole and no notch.</i>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES CONROD</b>							
<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1609HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>							
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b>							
<b>5M5543A</b> STD, .25, .50	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				

# Volkswagen



## 23 Continued ... 23

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

## 24 Engine Year Cyl Bore x Stroke 24

AUS 1598cc Inline4 DOHC 4v 05/2000 - 04/2001 L4 76.5mm x 86.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929 50.600/1.9921 50.619/1.9929	1.405/.0553 1.405/.0553	19.00/.748 19.00/.748	F810 F780	1609A L 1609 U
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>		20.000/.7874 20.033/.7887		20.50/.807	F100	RB4174

## 25 Engine Year Cyl Bore x Stroke 25

AXU 1390cc Inline4 DOHC 4v 02/2002 - 07/2006 L4 76.5mm x 75.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5544P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.763/1.8804 47.778/1.8810 47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926 50.600/1.9921 50.612/1.9926	1.406/.0554 1.406/.0554	17.20/.677 17.20/.677	F780 F810	5544 U 5544A L





25 Continued ...							25	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Full Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>2B57006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174	
				20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174	

26 Engine				Year	Cyl	Bore x Stroke	26
BAD 1598cc Inline4 DOHC 4v				08/2001 - 06/2006	L4	76.5mm x 86.9mm	
BAG 1598cc Inline4 DOHC 4v				02/2003 - 07/2004	L4	76.5mm x 86.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>4B5544P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F780	5544 U
		47.778/1.8810	50.612/1.9926				
		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5544A L
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
				20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174

27 Engine				Year	Cyl	Bore x Stroke	27
BLF 1598cc Inline4 DOHC 4v				01/2005 - On	L4	76.5mm x 86.9mm	
BLP 1598cc Inline4 DOHC 4v				02/2003 - 07/2005	L4	76.5mm x 86.9mm	
BTS 1598cc Inline4 DOHC 4v				05/2006 - On	L4	76.5mm x 86.9mm	
BWK 1390cc Inline4 DOHC 4v Turbo				05/2008 - On	L4	76.5mm x 75.6mm	
CAVB 1390cc Inline4 DOHC 4v Turbo				11/2008 - On	L4	76.5mm x 75.6mm	
CAVC 1390cc Inline4 DOHC 4v Turbo				11/2008 - On	L4	76.5mm x 75.6mm	
CAVD 1390cc Inline4 DOHC 4v Turbo				05/2008 - On	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				

27 Continued ...							27
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740	1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874	20.50/.807	F100	4RB4174
				20.033/.7887			
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>			20.000/.7874	20.50/.807	F100	RB4174
				20.033/.7887			

28 Engine				Year	Cyl	Bore x Stroke	28
BLG 1390cc Inline4 DOHC 4v				11/2005 - On	L4	76.5mm x 75.6mm	
BLN 1390cc Inline4 DOHC 4v				11/2004 - 07/2006	L4	76.5mm x 75.6mm	
BMY 1390cc Inline4 DOHC 4v Turbo				02/2006 - On	L4	76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740	1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874	20.50/.807	F100	4RB4174
				20.033/.7887			
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>			20.000/.7874	20.50/.807	F100	RB4174
				20.033/.7887			
<b>RB4177</b> UNB	<b>PISTON PIN BUSH</b>			21.000/.8268	20.80/.819	F100	RB4177
				21.033/.8281			

29 Engine				Year	Cyl	Bore x Stroke	29
BUD 1390cc Inline4 DOHC 4v				05/2006 - On	L4	76.5mm x 75.6mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>		1.405/.0553	18.50/.728	F810	1615A IH
		47.758/1.8802	50.600/1.9921				
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740	1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819				
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874	20.50/.807	F100	4RB4174
				20.033/.7887			





29 Continued ...							29
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4174</b> UNB			20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				
<b>PISTON PIN BUSH</b>							
<b>RB4177</b> UNB			21.000/.8268		20.80/.819	F100	RB4177
			21.033/.8281				

30 Engine		Year	Cyl	Bore x Stroke	30
FH 1471cc Inline4 SOHC 2v		01/1974 - 12/1975	L4	76.5mm x 80.0mm	
FK 1471cc Inline4 SOHC 2v		08/1974 - 07/1975	L4	76.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1610A</b> STD, .25, .50, .75, 1.00, 1.50		41.950/1.6516	45.000/1.7717	1.506/.0593	18.00/.709	F810	1610A
		41.970/1.6524	45.016/1.7723				IH
<b>CONROD</b>							
<b>4B1610P</b> STD, .25, .50, .75, 1.00, 1.25		41.965/1.6522	45.000/1.7717	1.505/.0593	18.00/.709	F780	1610
		41.980/1.6528	45.016/1.7723				IH
<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b>							
<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b>							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)
		53.978/2.1251	59.019/2.3236				UL
<b>MAINS</b>							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U

30 Continued ...							30
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1654P</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
<b>5C7008</b> STD	<b>CAMS</b> 1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
<b>2B57006</b> UNB	<b>AUX</b> 1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>RB4053</b> UNB	<b>PISTON PIN BUSH</b>	21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

31 Engine	Year	Cyl	Bore x Stroke	31
1V 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 07/1992	L4	76.5mm x 86.4mm	
ME 1588cc Inline4 SOHC 2v Diesel	05/1988 - 07/1992	L4	76.5mm x 86.4mm	
MF 1588cc Inline4 SOHC 2v Turbo Diesel	05/1988 - 10/1991	L4	76.5mm x 86.4mm	
RA 1588cc Inline4 SOHC 2v Turbo Diesel	08/1988 - 02/1990	L4	76.5mm x 86.4mm	
SB 1588cc Inline4 SOHC 2v Turbo Diesel	08/1989 - 10/1993	L4	76.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>4B5534A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606A.</i>		1.406/.0554	19.00/.748	F810	5534A IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>4B5534P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606P.</i>		1.406/.0554	19.00/.748	F780	5534 IH
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929				
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F810	1644A L
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236				
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F780	1644 L
		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236				
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>4RB4172</b> UNB	<b>PISTON PIN BUSH</b>		27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
<b>RB4172</b> UNB	<b>PISTON PIN BUSH</b>		27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172





32 Engine		Year	Cyl	Bore x Stroke	32			
682 1471cc Inline4 SOHC 2v Diesel		12/1977 - 01/1982	L4	76.5mm x 80.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A	
		47.778/1.8810	50.619/1.9929				IH	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606A.</i>								
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A	
		47.778/1.8810	50.619/1.9929				IH	
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606P.</i>								
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534	
		47.778/1.8810	50.619/1.9929				IH	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
	<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
			53.978/2.1251	59.019/2.3236				U
		1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
53.978/2.1251			59.019/2.3236				L	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>								
<b>5M1645A</b> STD, .25, .50, .75, 1.00		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
			53.978/2.1251	59.019/2.3236				U
		1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
	53.978/2.1251		59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
	<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
			53.978/2.1251	59.019/2.3236				L
		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
53.978/2.1251			59.019/2.3236				U	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)	
		53.978/2.1251	59.019/2.3236				UL	
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)	
		53.978/2.1251	59.019/2.3236				UL	

**32 Continued ... 32**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS7006</b> UNB	<b>AUX</b> 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>RB4053</b> UNB	<b>PISTON PIN BUSH</b>	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				

**33 Engine Year Cyl Bore x Stroke 33**

685 1588cc Inline4 SOHC 2v Diesel	12/1981 - 10/1988	L4	76.5mm x 86.4mm
686 1588cc Inline4 SOHC 2v Turbo Diesel	03/1989 - 12/1990	L4	76.5mm x 86.4mm
68A 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 08/1988	L4	76.5mm x 86.4mm
68C 1588cc Inline4 SOHC 2v Turbo Diesel	04/1983 - 03/1994	L4	76.5mm x 86.4mm
68D 1588cc Inline4 SOHC 2v Diesel	03/1989 - 03/1994	L4	76.5mm x 86.4mm
JR 1588cc Inline4 SOHC 2v Turbo Diesel	08/1983 - 10/1991	L4	76.5mm x 86.4mm
JX 1588cc Inline4 SOHC 2v Turbo Diesel	08/1984 - 07/1992	L4	76.5mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
<b>4B5534A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606A.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH	
<b>4B5534P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606P.</i>						
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH	
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
			53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		1,2,3,4,5	53.958/2.1243	59.000/2.3228				
			53.978/2.1251	59.019/2.3236				
		<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>				
1,2,3,4,5	53.958/2.1243			59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	53.978/2.1251			59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
1,2,3,4,5	53.958/2.1243			59.000/2.3228				
	53.978/2.1251			59.019/2.3236				
<b>5M1654A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>			<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>				
		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
			53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		1,2,4,5	53.958/2.1243	59.000/2.3228				
			53.978/2.1251	59.019/2.3236				
		3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
53.978/2.1251	59.019/2.3236							
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				
<b>4RB4172</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.00/.984	F100	4RB4172	
		27.000/1.0630	27.021/1.0638					





33 Continued ...								33
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b>								
<b>RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172	
34 Engine								34
JK 1588cc Inline4 SOHC 2v Diesel				Year 08/1981 - 11/1998	Cyl L4	Bore x Stroke 76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>CONROD</b>								
<i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>CONROD</b>								
<i>No Hole. To be superceded by 4B1606A.</i>								
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH	
<b>CONROD</b>								
<i>No Hole. To be superceded by 4B1606P.</i>								
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH	
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>MAINS</b>								
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>CAMS</b>								
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
<b>AUX</b>								
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>PISTON PIN BUSH</b>								
<i>Set of 4.</i>								
<b>4RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172	
<b>PISTON PIN BUSH</b>								
<b>RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172	

# Volkswagen



35 Engine		Year		Cyl	Bore x Stroke	35	
JP 1588cc Inline4 SOHC 2v Diesel		08/1983 - 10/1991		L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>							
<b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>							
<b>4B1606HX</b> STD	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606A.</i>							
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606P.</i>							
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172
<b>PISTON PIN BUSH</b>							
<b>RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172

36 Engine		Year		Cyl	Bore x Stroke	36	
ADK 1588cc Inline4 SOHC 2v Diesel		04/1994 - 07/1996		L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH





36 Continued ...							36
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F780 1606 IH
<b>4B5534A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606A.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F810 5534A IH
<b>4B5534P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606P.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F780 5534 IH
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A U
		1,2,3,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F810 1644A L
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F780 1644 L
		1,2,3,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F780 1648 U
<b>2T1644</b> STD	<b>THRUST</b>			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819	1.98/.078	F817 1644T UL
<b>5C7008</b> STD	<b>CAMS</b>	1,2,3,4,5		25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669 F820 7008
<b>4RB4172</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			27.000/1.0630 27.021/1.0638	25.00/.984	F100 4RB4172
<b>RB4172</b> UNB	<b>PISTON PIN BUSH</b>				27.000/1.0630 27.021/1.0638	25.00/.984	F100 RB4172

37 Engine		Year	Cyl	Bore x Stroke	37		
YJ 1471cc Inline4 SOHC 2v		01/1974 - 12/1975	L4	76.5mm x 80.0mm			
ZB 1471cc Inline4 SOHC 2v		05/1973 - 12/1975	L4	76.5mm x 80.0mm			
ZC 1471cc Inline4 SOHC 2v		05/1973 - 12/1975	L4	76.5mm x 80.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has plain shells.</i>		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748 F780 1636 IH
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A U
		1,2,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F810 1644A L
		1,2,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982 F810 1643A(F) UL
		3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A L
		4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F810 1648A L
<b>5M1643P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728 F780 1648 U
		1,2,4,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728 F780 1644 L
		1,2,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982 F780 1643(F) UL
		3		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982 F780 1643(F) UL



37		Continued ...						37
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1643P</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b>		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
4	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)		
		53.978/2.1251	59.019/2.3236				UL	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)		
		53.978/2.1251	59.019/2.3236				UL	
<b>AUX</b>								
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>PISTON PIN BUSH</b>								
<b>RB4053</b> UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053	
		22.000/.8661	25.033/.9856					

38		Engine	Year	Cyl	Bore x Stroke	38	
		CR 1588cc Inline4 SOHC 2v Diesel	08/1980 - 02/1984	L4	76.5mm x 86.4mm		
		CS 1588cc Inline4 SOHC 2v Diesel	01/1981 - 07/1987	L4	76.5mm x 86.4mm		
		CY 1588cc Inline4 SOHC 2v Turbo Diesel	08/1981 - 03/1988	L4	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
<b>CONROD</b>		<i>No Hole. To be superceded by 4B1606A.</i>					
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A
		47.778/1.8810	50.619/1.9929				IH
<b>CONROD</b>		<i>No Hole. To be superceded by 4B1606P.</i>					
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534
		47.778/1.8810	50.619/1.9929				IH
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U





38 Continued ...								38
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1654A</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
<b>MAINS</b>		<i>Full Groove Set. Overwidth flange on undersizes.</i>						
<b>5M1675A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1675A(F) UL	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>CAMS</b>								
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>						
<b>4RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4172	
<b>PISTON PIN BUSH</b>								
<b>RB4172</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4172	
39 Engine				Year	Cyl	Bore x Stroke	39	
113 1192cc Flat4 OHV 2v				01/1960 - 12/1972	H4	77.0mm x 64.0mm		
122/2 1192cc Flat4 OHV 2v				08/1972 - 07/1991	H4	77.0mm x 64.0mm		
AB 1285cc Flat4 OHV 2v				01/1970 - 06/1975	H4	77.0mm x 69.0mm		
AC 1285cc Flat4 OHV 2v				08/1970 - 07/1975	H4	77.0mm x 69.0mm		
AR 1285cc Flat4 OHV 2v				08/1973 - 07/1975	H4	77.0mm x 69.0mm		
D 1184cc Flat4 OHV 2v				08/1965 - 12/1985	H4	77.0mm x 63.6mm		
E 1285cc Flat4 OHV 2v				08/1965 - 07/1970	H4	77.0mm x 69.0mm		
F 1285cc Flat4 OHV 2v				08/1965 - 07/1970	H4	77.0mm x 69.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B2451A</b> STD, 010, 020, 030, 040, 060		54.971/2.1642 54.991/2.1650	57.800/2.2756 57.818/2.2763	1.397/.0550	17.60/.693	F810	2451A IH	
<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>						
<b>4RB4007</b> UNB		21.994/.8659 22.000/.8661	23.993/.9446 24.005/.9451	1.120/.0441	23.24/.915	F100	4RB4007	
<b>PISTON PIN BUSH</b>								
<b>RB4007</b> UNB		21.994/.8659 22.000/.8661	23.993/.9446 24.005/.9451	1.120/.0441	23.24/.915	F100	RB4007	
40 Engine				Year	Cyl	Bore x Stroke	40	
JF 1716cc Inline4 SOHC 2v				01/1982 - 07/1984	L4	79.5mm x 86.4mm		
WT 1716cc Inline4 SOHC 2v				08/1981 - 07/1983	L4	79.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Has plain shells.</i>						
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH	
<b>CONROD</b>		<i>Has plain shells.</i>						
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH	
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	

40 Continued ...							40
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1643A</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053

41 Engine	Year	Cyl	Bore x Stroke	41
496 1588cc Inline4 SOHC 2v	01/1974 - 12/1983	L4	79.5mm x 80.0mm	
WV 1588cc Inline4 SOHC 2v	08/1981 - 07/1983	L4	79.5mm x 80.0mm	
YN 1588cc Inline4 SOHC 2v	09/1975 - 07/1981	L4	79.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has plain shells.</i>					
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH
	<b>CONROD</b>		<i>Has plain shells.</i>				
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH
	<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>				
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L





41		Continued ...						41	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>MAINS</b>									
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648		
		53.978/2.1251	59.019/2.3236				U		
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644		
		53.978/2.1251	59.019/2.3236				L		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)		
		53.978/2.1251	59.019/2.3236				UL		
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648		
		53.978/2.1251	59.019/2.3236				L		
<b>MAINS</b>									
<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>									
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				U		
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A		
		53.978/2.1251	59.019/2.3236				L		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)		
		53.978/2.1251	59.019/2.3236				UL		
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				L		
<b>MAINS</b>									
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A		
		53.978/2.1251	59.019/2.3236				L		
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				U		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F)		
		53.978/2.1251	59.019/2.3236				UL		
<b>MAINS</b>									
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>									
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648		
		53.978/2.1251	59.019/2.3236				U		
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644		
		53.978/2.1251	59.019/2.3236				L		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F)		
		53.978/2.1251	59.019/2.3236				UL		
<b>AUX</b>									
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006		
		42.975/1.6919	46.025/1.8120						
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007		
		41.975/1.6526	45.025/1.7726						
<b>PISTON PIN BUSH</b>									
<b>RB4053</b> UNB		21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053		
		22.000/.8661	25.033/.9856						

42	Engine	Year	Cyl	Bore x Stroke	42		
	1X 1896cc Inline4 SOHC 2v Diesel	09/1990 - 12/1995	L4	79.5mm x 95.5mm			
	1Y 1896cc Inline4 SOHC 2v Diesel	05/1989 - 07/2006	L4	79.5mm x 95.5mm			
	AEF 1896cc Inline4 SOHC 2v Diesel	10/1994 - 07/2001	L4	79.5mm x 95.5mm			
	AHB 1716 Inline4 SOHC 2v Diesel	07/1996 - 09/2000	L4	79.5mm x 86.4mm			
	AHG 1716cc Inline4 SOHC 2v Diesel	04/1997 - 12/1999	L4	79.5mm x 86.4mm			
	AKU 1716cc Inline4 SOHC 2v Diesel	08/1997 - 07/2005	L4	79.5mm x 86.4mm			
	AKW 1716cc Inline4 SOHC 2v Diesel	11/1997 - 08/1999	L4	79.5mm x 86.4mm			
	ANC 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	79.5mm x 95.5mm			
	AQM 1896cc Inline4 SOHC 2v Diesel	11/1998 - 05/2006	L4	79.5mm x 95.5mm			
	ASY 1896cc Inline4 SOHC 2v Diesel	11/2001 - On	L4	79.5mm x 95.5mm			
	AYQ 1896cc Inline4 SOHC 2v Diesel	09/2000 - 06/2003	L4	79.5mm x 95.5mm			
	BGL 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	79.5mm x 95.5mm			
	BGM 1896cc Inline4 SOHC 2v Diesel	02/2003 - On	L4	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606A.</i>					
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606P.</i>					
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
<b>4RB4167</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
	<b>PISTON PIN BUSH</b>						
<b>RB4167</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167





43	Engine		Year	Cyl	Bore x Stroke	43	
	1Z 1896cc Inline4 SOHC 2v Turbo Diesel		07/1993 - 06/1997	L4	79.5mm x 95.5mm		
	AAZ 1896cc Inline4 SOHC 2v Turbo Diesel		03/1991 - 08/1997	L4	79.5mm x 95.5mm		
	ABL 1896cc Inline4 SOHC 2v Turbo Diesel		01/1991 - 12/1998	L4	79.5mm x 95.5mm		
	AGR 1896cc Inline4 SOHC 2v Turbo Diesel		10/1997 - 05/2006	L4	79.5mm x 95.5mm		
	AHH 1896cc Inline4 SOHC 2v Turbo Diesel		05/1998 - 08/2000	L4	79.5mm x 95.5mm		
	AHU 1896cc Inline4 SOHC 2v Turbo Diesel		07/1996 - On	L4	79.5mm x 95.5mm		
	ALE 1896cc Inline4 SOHC 2v Turbo Diesel		05/1996 - 12/2001	L4	79.5mm x 95.5mm		
	ALH 1896cc Inline4 SOHC 2v Turbo Diesel		10/1997 - On	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1075A</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A
		47.778/1.8810	50.619/1.9929				IH
<b>CONROD</b>							
<b>4B1075P</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075
		47.778/1.8810	50.619/1.9929				IH
<b>MAINS</b>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
	1,2,3,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
	4	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236			L	
<b>RACE SERIES</b>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
	1,2,3,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
	4	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236			L	
<b>RACE SERIES</b>							
<b>5M1644HX</b> STD	1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>					
		53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
	1,2,3,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
	4	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236			L	
<b>MAINS</b>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				L
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
<b>MAINS</b>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4168</b>			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				
<b>PISTON PIN BUSH</b>							
<b>RB4168</b> UNB			29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

# Volkswagen



44	Engine	Year	Cyl	Bore x Stroke	44
	ADE 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	79.5mm x 95.5mm	
	AEY 1896cc Inline4 SOHC 2v Diesel	07/1995 - 09/2000	L4	79.5mm x 95.5mm	
	AFD 1896cc Inline4 SOHC 2v Turbo Diesel	04/1994 - 01/2002	L4	79.5mm x 95.5mm	
	AGD 1896cc Inline4 SOHC 2v Diesel	07/1996 - 09/2001	L4	79.5mm x 95.5mm	
	ARD 1896cc Inline4 SOHC 2v Diesel	01/2002 - On	L4	79.5mm x 95.5mm	
	ASX 1896cc Inline4 SOHC 2v Diesel	10/1999 - 09/2001	L4	79.5mm x 95.5mm	
	AVM 1896cc Inline4 SOHC 2v Turbo Diesel	11/2000 - On	L4	79.5mm x 95.5mm	
	BEQ 1896cc Inline4 SOHC 2v Diesel	02/2002 - On	L4	79.5mm x 95.5mm	
	BEU 1896cc Inline4 SOHC 2v Turbo Diesel	11/2002 - On	L4	79.5mm x 95.5mm	
	BJC 1896cc Inline4 SOHC 2v Turbo Diesel	11/2003 - On	L4	79.5mm x 95.5mm	
	BXT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2006 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B1075A</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A IH	
		47.778/1.8810	50.619/1.9929					
<b>4B1075P</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075 IH	
		47.778/1.8810	50.619/1.9929					
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
	<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
53.978/2.1251			59.019/2.3236					
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
<b>THRUST</b>								
<b>2T1644</b> STD			59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
	59.700/2.3504		73.200/2.8819					
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4168</b>		29.000/1.1417			25.00/.984	F100	4RB4168	
		29.052/1.1438						
<b>PISTON PIN BUSH</b>								
<b>RB4168</b> UNB		29.000/1.1417			25.00/.984	F100	RB4168	
		29.052/1.1438						

45	Engine	Year	Cyl	Bore x Stroke	45
	ADG 1896cc Inline4 SOHC 2v Diesel	04/1994 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606A.</i>							
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606P.</i>							
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				





45 Continued ...							45
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>5C7008</b> STD	<b>CAMS</b> 1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				
<b>4RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			27.000/1.0630		25.00/.984	F100	4RB4167
<b>RB4167</b> UNB	<b>PISTON PIN BUSH</b>		27.021/1.0638				
			27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				

46 Engine				Year	Cyl	Bore x Stroke	46
AFN 1896cc Inline4 SOHC 2v Turbo Diesel				02/1996 - 08/1999	L4	79.5mm x 95.5mm	
AVG 1896cc Inline4 SOHC 2v Turbo Diesel				08/1999 - 10/2000	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
<b>4B5536D</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L
		47.778/1.8810	50.612/1.9926				
<b>4B5536P</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH
		47.778/1.8810	50.612/1.9926				
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				

**46 Continued ... 46**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4168</b> UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

**47 Engine 47**

Engine	Year	Cyl	Bore x Stroke
ASV 1896cc Inline4 SOHC 2v Turbo Diesel	10/1999 - 05/2006	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B5536D</b> STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D
		47.778/1.8810	50.612/1.9926				U
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536
		47.778/1.8810	50.612/1.9926				L

<b>CONROD</b>							
<b>4B5536P</b> STD, .25		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536
		47.778/1.8810	50.612/1.9926				IH

<b>MAINS</b>							
<i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U

<b>MAINS</b>							
<i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U

<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

<b>PISTON PIN BUSH</b>							
<i>Set of 4.</i>							
<b>4RB4168</b>			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				

<b>PISTON PIN BUSH</b>							
<b>RB4168</b> UNB			29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

**48 Engine 48**

Engine	Year	Cyl	Bore x Stroke
AGP 1896cc Inline4 SOHC 2v Turbo Diesel	10/1997 - 09/2001	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B1075A</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F810	1075A
		47.778/1.8810	50.619/1.9929				IH

<b>CONROD</b>							
<b>4B1075P</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	1075
		47.778/1.8810	50.619/1.9929				IH

<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH

<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH

<b>CONROD</b>							
<i>No Hole. To be superceded by 4B1606A.</i>							
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A
		47.778/1.8810	50.619/1.9929				IH

<b>CONROD</b>							
<i>No Hole. To be superceded by 4B1606P.</i>							
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534
		47.778/1.8810	50.619/1.9929				IH





48 Continued ...							48
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>4RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			27.000/1.0630		25.00/.984	F100	4RB4167
			27.021/1.0638				
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			29.000/1.1417		25.00/.984	F100	4RB4168
			29.052/1.1438				
<b>RB4167</b> UNB	<b>PISTON PIN BUSH</b>		27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				
<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>		29.000/1.1417		25.00/.984	F100	RB4168
			29.052/1.1438				

49 Engine				Year	Cyl	Bore x Stroke	49	
AHF 1896cc Inline4 SOHC 2v Turbo Diesel				10/1997 - 05/2005	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5536D</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L	
		47.778/1.8810	50.612/1.9926					
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U	
		47.778/1.8810	50.612/1.9926					
<b>4B5536P</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH	
		47.778/1.8810	50.612/1.9926					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
		53.958/2.1243	59.000/2.3228					
		53.978/2.1251	59.019/2.3236					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
		53.958/2.1243	59.000/2.3228					
		53.978/2.1251	59.019/2.3236					
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>2B57006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

# Volkswagen



50	Engine	Year	Cyl	Bore x Stroke	50
	AJM 1896cc Inline4 SOHC 2v Turbo Diesel	11/1998 - 07/2001	L4	79.5mm x 95.5mm	
	ATD 1896cc Inline4 SOHC 2v Turbo Diesel	02/2000 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
<b>CONROD</b>							
<b>4B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>CAMS</b>							
<b>5C7004</b> STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4167</b> UNB			27.000/1.0630		25.00/.984	F100	4RB4167
			27.021/1.0638				
<b>PISTON PIN BUSH</b>							
<b>RB4167</b> UNB			27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				

51	Engine	Year	Cyl	Bore x Stroke	51
	ATJ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2000 - 08/2000	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
<b>CONROD</b>							
<b>4B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				





51 Continued ...								51
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
52 Engine				Year	Cyl	Bore x Stroke	52	
AUY 1896cc Inline4 SOHC 2v Turbo Diesel				01/2000 - On	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L	
		47.778/1.8810	50.612/1.9926					
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U	
		47.778/1.8810	50.612/1.9926					
<b>CONROD</b>								
<b>4B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH	
		47.778/1.8810						
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>AUX</b>								
<b>2B57006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
		2	41.959/1.6519	45.000/1.7717				
41.975/1.6526	45.025/1.7726							
53 Engine				Year	Cyl	Bore x Stroke	53	
BVK 1896cc Inline4 SOHC 2v Turbo Diesel				11/2005 - On	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L	
		50.878/2.0031	53.712/2.1146					
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U	
		50.878/2.0031	53.712/2.1146					
<b>CONROD</b>								
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH	
		50.878/2.0031	53.712/2.1146					
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
<b>MAINS</b>								
<i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	

**53 Continued ... 53**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

**54 Engine 54**

Engine	Year	Cyl	Bore x Stroke
ANU 1896cc Inline4 SOHC 2v Turbo Diesel	03/1999 - 05/2005	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B5536D</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U
		47.778/1.8810	50.612/1.9926				

<b>4B5536P</b> STD, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH
		47.778/1.8810	50.612/1.9926				

<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
53.978/2.1251	59.019/2.3236						

<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
53.978/2.1251	59.019/2.3236						

<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

<b>5C7004</b> STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.00/.984	F100	4RB4168
		29.000/1.1417	29.052/1.1438				

<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>	29.000/1.1417		25.00/.984	F100	RB4168
		29.052/1.1438				

**55 Engine 55**

Engine	Year	Cyl	Bore x Stroke
BRU 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - 02/2006	L4	79.5mm x 95.5mm
BSU 1896cc Inline4 SOHC 2v Turbo Diesel	09/2005 - On	L4	79.5mm x 95.5mm
BSW 1896cc Inline4 SOHC 2v Turbo Diesel	07/2003 - On	L4	79.5mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				

<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					





55 Continued ...							55
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	L
		53.958/2.1243	59.000/2.3228				1648A
		53.978/2.1251	59.019/2.3236				U
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	L
		53.958/2.1243	59.000/2.3228				1648
		53.978/2.1251	59.019/2.3236				U
<b>5M5540A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				

56 Engine				Year	Cyl	Bore x Stroke	56	
AVB 1896cc Inline4 SOHC 2v Turbo Diesel				02/2000 - 05/2005	L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537	
		47.778/1.8810	50.612/1.9926					L
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D	
		47.778/1.8810	50.612/1.9926					U
<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	50.600/1.9921		1.403/.0552	20.00/.787	F780	5537	
		47.778/1.8810						IH
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	L	
		53.958/2.1243	59.000/2.3228				1648A	
		53.978/2.1251	59.019/2.3236				U	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>						
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	L	
		53.958/2.1243	59.000/2.3228				1648	
		53.978/2.1251	59.019/2.3236				U	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819					UL
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			25.00/.984	F100	4RB4168	
			29.000/1.1417					
			29.052/1.1438					
<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>		29.000/1.1417		25.00/.984	F100	RB4168	
			29.052/1.1438					

57 Engine		Year		Cyl	Bore x Stroke	57		
AVF 1896cc Inline4 SOHC 2v Turbo Diesel		10/2000 - 05/2005		L4	79.5mm x 95.5mm			
AWX 1896cc Inline4 SOHC 2v Turbo Diesel		10/2000 - 05/2005		L4	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L	
		50.878/2.0031	53.712/2.1146					
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U	
		50.878/2.0031	53.712/2.1146					
<b>CONROD</b>								
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH	
		50.878/2.0031	53.712/2.1146					
<b>MAINS</b>								
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL	
		53.978/2.1251	59.012/2.3233					
<b>MAINS</b>								
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL	
		53.978/2.1251	59.012/2.3233					
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>								
<b>4RB4168</b>			29.000/1.1417		25.00/.984	F100	4RB4168	
			29.052/1.1438					
<b>PISTON PIN BUSH</b>								
<b>RB4168</b> UNB			29.000/1.1417		25.00/.984	F100	RB4168	
			29.052/1.1438					

58 Engine		Year		Cyl	Bore x Stroke	58		
KY 1716cc Inline4 SOHC 2v Diesel		08/1984 - 07/1992		L4	79.5mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
		47.778/1.8810	50.619/1.9929					
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
		47.778/1.8810	50.619/1.9929					
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606A.</i>								
<b>4B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH	
		47.778/1.8810	50.619/1.9929					
<b>CONROD</b> <i>No Hole. To be superceded by 4B1606P.</i>								
<b>4B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH	
		47.778/1.8810	50.619/1.9929					
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
	<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
53.978/2.1251			59.019/2.3236					
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654A</b> STD, .25, .50, .75, 1.00		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	53.978/2.1251		59.019/2.3236					
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					



58 Continued ...							58
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1654A</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
		53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	THRUST	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>4RB4172</b> UNB	PISTON PIN BUSH	Set of 4.		27.000/1.0630	25.00/.984	F100	4RB4172
<b>RB4172</b> UNB	PISTON PIN BUSH			27.000/1.0630	25.00/.984	F100	RB4172
				27.021/1.0638			

59 Engine				Year	Cyl	Bore x Stroke	59	
WE 2144cc Inline5 SOHC 2v				06/1977 - 07/1984	L5	79.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5B1636A</b> STD, .25, .50, .75, 1.00	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F810	1636A IH	
		45.950/1.8091	49.000/1.9291					
		45.970/1.8098	49.016/1.9298					
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F780	1636 IH	
		45.950/1.8091	49.000/1.9291					
		45.970/1.8098	49.016/1.9298					
<b>6M1605P</b> STD, .25, .50, .75	MAINS	Set contains flanged thrust bearing.		2.502/.0985	18.50/.728	F780	1604 UL	
		1,2,4,5,6	57.958/2.2818					63.000/2.4803
			57.978/2.2826	63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
	3	57.958/2.2818	63.000/2.4803					
		57.978/2.2826	63.019/2.4811					
<b>RB4053</b> UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053	
		22.000/.8661	25.033/.9856					

60 Engine				Year	Cyl	Bore x Stroke	60
WN 1921cc Inline5 SOHC 2v				01/1981 - 12/1984	L5	79.5mm x 77.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1636A</b> STD, .25, .50, .75, 1.00	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F810	1636A IH
		45.950/1.8091	49.000/1.9291				
		45.970/1.8098	49.016/1.9298				
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50	CONROD	Has plain shells.		1.506/.0593	19.00/.748	F780	1636 IH
		45.950/1.8091	49.000/1.9291				
		45.970/1.8098	49.016/1.9298				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	MAINS	Requires thrustwashers.		2.502/.0985	18.50/.728	F780	1604 UL
		1,2,3,4,5,6	57.958/2.2818				
		57.978/2.2826	63.019/2.4811				
<b>2T1604</b> STD	THRUST	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	THRUST	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>RB4053</b> UNB	PISTON PIN BUSH	21.996/.8660	25.000/.9843	1.730/.0681	25.00/.984	F100	RB4053
		22.000/.8661	25.033/.9856				



# Volkswagen



61 Engine		Year		Cyl	Bore x Stroke	61	
AAB 2370cc Inline5 SOHC 2v Diesel		09/1990 - 12/2000		L5	79.5mm x 95.5mm		
AJA 2370cc Inline5 SOHC 2v Diesel		04/1997 - 06/2003		L5	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>5B1606A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>5B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>CONROD</b> <i>No hole. To be superceded by 5B1606A</i>							
<b>5B5534A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
<b>CONROD</b> <i>No hole. To be superceded by 5B1606P.</i>							
<b>5B5534P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
<b>MAINS</b> <i>Requires thrustwashers.</i>							
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
<b>MAINS</b> <i>Requires thrustwashers.</i>							
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>THRUST</b>							
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
<b>THRUST</b>							
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
<b>PISTON PIN BUSH</b> <i>Set of 5.</i>							
<b>5RB4167</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	5RB4167
<b>PISTON PIN BUSH</b>							
<b>RB4167</b> UNB			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167
62 Engine		Year		Cyl	Bore x Stroke	62	
1F 1595cc Inline4 SOHC 2v		08/1988 - 09/1997		L4	81.0mm x 77.4mm		
9A 1984cc Inline4 DOHC 4v		04/1988 - 07/1995		L4	82.5mm x 92.8mm		
ABN 1595cc Inline4 SOHC 2v		08/1991 - On		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>MAINS</b> <i>Full groove on #4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L





62 Continued ...							62
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

63 Engine		Year	Cyl	Bore x Stroke	63		
ABS 1781cc Inline4 SOHC 2v		08/1991 - 07/1995	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>		<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>RACE SERIES</b>		<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>CONROD</b>		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L

**63 Continued ... 63**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES</b> <b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
		53.978/2.1251	59.019/2.3236				
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				

**64 Engine Year Cyl Bore x Stroke 64**

1P 1781cc Inline4 SOHC 2v	08/1988 - 07/1991	L4	81.0mm x 86.4mm
PF 1781cc Inline4 SOHC 2v	01/1987 - 10/1991	L4	81.0mm x 86.4mm
RF 1595cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				





64 Continued ...							64
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>		Set of 4. Has 6.5mm oil hole and part groove. 23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>		Set of 4. Has 3mm oil hole and full groove. 23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>		Has 6.5mm oil hole and part groove. 23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>		Has 3mm oil hole and full groove. 23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

65 Engine				Year	Cyl	Bore x Stroke	65
PB 1781cc Inline4 SOHC 2v				01/1987 - On	L4	81.0mm x 86.4mm	
RV 1781cc Inline4 SOHC 2v				08/1987 - On	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>		<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U



65 Continued ...							65
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
	<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>				
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	<b>THRUST</b>						
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>CAMS</b>						
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
	<b>AUX</b>						
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

66 Engine				Year	Cyl	Bore x Stroke	66
AAC 1998cc Inline4 SOHC 2v				09/1990 - 06/2003	L4	81.0mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH





66		Continued ...						66
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>						
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>4RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		27.000/1.0630 27.021/1.0638	25.00/.984	F100	4RB4167	
<b>RB4167</b> UNB	<b>PISTON PIN BUSH</b>			27.000/1.0630 27.021/1.0638	25.00/.984	F100	RB4167	

67		Engine	Year	Cyl	Bore x Stroke	67	
		AAM 1781cc Inline4 SOHC 2v	08/1990 - 10/2000	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH



67		Continued ...						67
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>						
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH	
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U	
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L	
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>						
			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	





68 Engine		Year		Cyl	Bore x Stroke		68
ANN 1781cc Inline4 SOHC 2v		12/1997 - 10/2000		L4	81.0mm x 86.4mm		
ANP 1781cc Inline4 SOHC 2v		12/1997 - 10/2000		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX
		47.778/1.8810	50.619/1.9929				IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch.</i>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1609HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX
		47.778/1.8810	50.619/1.9929				IH
<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609
		47.778/1.8810	50.619/1.9929				U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A
		47.778/1.8810	50.619/1.9929				L
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
		53.978/2.1251	59.019/2.3236				L
<b>RACE SERIES</b> <b>5M1644HX</b> STD	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				U
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
		53.978/2.1251	59.019/2.3236				L
<b>RACE SERIES</b> <b>5M1644HX</b> STD	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				



**68 Continued ... 68**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

**69 Engine Year Cyl Bore x Stroke 69**

ACC 1781cc Inline4 SOHC 2v	11/1991 - 06/1999	L4	81.0mm x 86.4mm
ADD 1781cc Inline4 SOHC 2v	08/1985 - 09/2005	L4	81.0mm x 86.4mm
ADF 1781cc Inline4 SOHC 2v	04/1994 - On	L4	81.0mm x 86.4mm
ADP 1595cc Inline4 SOHC 2v	01/1997 - 10/1997	L4	81.0mm x 77.4mm
AEK 1595cc Inline4 SOHC 2v	10/1994 - 12/1995	L4	81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH

<b>RACE SERIES CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH

<b>RACE SERIES CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH

<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH

<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L

<b>RACE SERIES MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L

<b>RACE SERIES MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L

<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171

<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171





# Volkswagen

70 Engine		Year		Cyl	Bore x Stroke		70
AJH 1781cc Inline4 DOHC 5v Turbo		11/1997 - 02/2000		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>							
<b>4B5539D</b> STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U
<b>CONROD</b>							
<b>4B5539P</b> STD, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b> <b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

71 Engine		Year		Cyl	Bore x Stroke		71
ADR 1781cc Inline4 DOHC 5v		12/1996 - 01/1999		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH

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71		Continued ...						71
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>						
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	

72		Engine	Year	Cyl	Bore x Stroke	72	
		AEB 1781cc Inline4 DOHC 5v Turbo	10/1996 - 02/2001	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5539D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926 50.600/1.9921 50.612/1.9926	1.406/.0554 1.406/.0554	19.00/.748 19.00/.748	F780 F781	5539 L 5539D U





72 Continued ...								72
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B5539P</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539	
		47.778/1.8810	50.612/1.9926				IH	
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
			53.978/2.1251	59.019/2.3236				U
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
			53.978/2.1251	59.019/2.3236				L
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236			L		
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
			53.978/2.1251	59.019/2.3236				U
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
			53.978/2.1251	59.019/2.3236				L
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236			L		
<b>RACE SERIES</b> <b>5M1644HX</b> STD	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
			53.978/2.1251	59.019/2.3236				U
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
			53.978/2.1251	59.019/2.3236				L
		4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236			L		
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
			53.978/2.1251	59.019/2.3236				L
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236			U		
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
			53.978/2.1251	59.019/2.3236				L
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236			U		
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>						
			23.000/.9055		25.00/.984	F100	4RB4171	
			23.021/.9063					
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>						
			23.000/.9055		25.00/.984	F100	RB4171	
			23.021/.9063					

73	Engine	Year	Cyl	Bore x Stroke	73
	AEG 1984cc Inline4 SOHC 2v	01/1998 - On	L4	82.5mm x 92.8mm	
	AEH 1595cc Inline4 SOHC 2v	01/1998 - 05/2005	L4	81.0mm x 77.4mm	
	AGN 1781cc Inline4 DOHC 5v	10/1997 - 10/2000	L4	81.0mm x 86.4mm	
	APF 1595cc Inline4 SOHC 2v	05/1999 - 10/2000	L4	81.0mm x 77.4mm	
	APK 1984cc Inline4 SOHC 2v	08/1998 - On	L4	82.5mm x 92.8mm	
	APT 1781cc Inline4 DOHC 5v	01/1999 - 04/2001	L4	81.0mm x 86.4mm	
	AQY 1984cc Inline4 SOHC 2v	08/1998 - On	L4	82.5mm x 92.8mm	
	ARG 1781cc Inline4 DOHC 5v	02/1999 - 04/2001	L4	81.0mm x 86.4mm	
	ASU 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	82.5mm x 92.8mm	
	AUR 1595cc Inline4 SOHC 2v	07/2000 - 09/2001	L4	81.0mm x 77.4mm	
	AUZ 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	82.5mm x 92.8mm	
	AVA 1984cc Inline4 SOHC 2v	01/2000 - 08/2000	L4	82.5mm x 92.8mm	
	AWC 1781cc Inline4 DOHC 5v Turbo	04/2000 - On	L4	81.0mm x 86.4mm	
	AWH 1595cc Inline4 SOHC 2v	11/1999 - 10/2000	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5			2.502/.0985	18.50/.728	F810	1648A U
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5			2.502/.0985	18.50/.728	F780	1648 U
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5			2.508/.0987	18.49/.728	F810	1669A L
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171





74 Engine		Year		Cyl	Bore x Stroke		74
AFT 1595cc Inline4 SOHC 2v		07/1995 - 10/2000		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch.</i>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929 50.600/1.9921 50.619/1.9929	1.405/.0553 1.405/.0553	19.00/.748 19.00/.748	F780 F810	1609 U 1609A L
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b> <b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U



74 Continued ...							74
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

75 Engine				Year	Cyl	Bore x Stroke	75
AFY 1781cc Inline4 SOHC 2v				01/1997 - 04/2000	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L





75 Continued ...								75
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171	
			23.000/.9055					
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171	
			23.000/.9055					
			23.021/.9063					
			23.021/.9063					
76 Engine				Year	Cyl	Bore x Stroke	76	
AKS 1595cc Inline4 SOHC 2v				04/1997 - 10/2000	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH	
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH	
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U	
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L	
		47.758/1.8810	50.619/1.9929					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U	
		53.978/2.1251	59.019/2.3236					



76 Continued ...							76
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644H</b> STD, .25, .50	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

77 Engine				Year	Cyl	Bore x Stroke	77
AGU 1781cc Inline4 DOHC 5v Turbo				10/1997 - 05/2006	L4	81.0mm x 86.4mm	
APU 1781cc Inline4 DOHC 5v Turbo				01/1999 - 04/2001	L4	81.0mm x 86.4mm	
ARZ 1781cc Inline4 DOHC 5v Turbo				05/1999 - 04/2001	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5539D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D U
		47.778/1.8810	50.612/1.9926				
<b>4B5539P</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 IH
		47.778/1.8810	50.612/1.9926				
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810





77 Continued ...							77
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

78 Engine	Year	Cyl	Bore x Stroke	78
AHL 1595cc Inline4 SOHC 2v	10/1996 - 08/2000	L4	81.0mm x 77.4mm	
ARM 1595cc Inline4 SOHC 2v	01/1999 - 08/2000	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>		<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>RACE SERIES</b>		<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>CONROD</b>		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<b>CONROD</b>							
<b>4B5531A</b> STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F810	5531A UL
<b>CONROD</b>							
<b>4B5531P</b> STD, .25, .50		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.016/1.7723	1.507/.0593	19.00/.748	F780	5531 UL
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U



78 Continued ...							78
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Half groove in all positions.</i>					
<b>5M5533A</b> STD, .25, .50	1,2,3,4,5	47.958/1.8881	53.000/2.0866	2.508/.0987	18.50/.728	F810	5533A UL
		47.978/1.8889	53.010/2.0870				
<b>THRUST</b>							
<b>2T5533</b> STD		53.500/2.1063	65.550/2.5807		2.48/.097	F817	5533T UL
		53.750/2.1161	65.800/2.5905				
<b>THRUST</b>							
<b>2T5535</b> STD		59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB				23.000/.9055	25.00/.984	F100	4RB4171
				23.021/.9063			
<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB				23.000/.9055	25.00/.984	F100	RB4171
				23.021/.9063			

79 Engine	Year	Cyl	Bore x Stroke	79
ANB 1781cc Inline4 DOHC 5v Turbo	01/1999 - 04/2001	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>							
<b>4B5539D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F781	5539D U
		47.778/1.8810	50.612/1.9926				
<b>CONROD</b>							
<b>4B5539P</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5539 IH
		47.778/1.8810	50.612/1.9926				
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228				
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228				
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
		53.958/2.1243	59.000/2.3228				
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
		53.958/2.1243	59.000/2.3228				
		53.978/2.1251	59.019/2.3236				





79 Continued ...							79
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

80 Engine				Year	Cyl	Bore x Stroke	80
APH 1781cc Inline4 DOHC 5v Turbo				01/1998 - 05/2001	L4	81.0mm x 86.4mm	
AVC 1781cc Inline4 DOHC 5v Turbo				07/1999 - 10/2000	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>4B5539D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L		
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U		
<b>4B5539P</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH		
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171		
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171		

81	Engine	Year	Cyl	Bore x Stroke	81
	ARX 1781cc Inline4 DOHC 5v Turbo	09/2000 - 04/2001	L4	81.0mm x 86.4mm	
	AWP 1781cc Inline4 DOHC 5v Turbo	06/2001 - 06/2005	L4	81.0mm x 86.4mm	
	AZG 1984cc Inline4 SOHC 2v	08/2000 - On	L4	82.5mm x 92.8mm	
	AZH 1984cc Inline4 SOHC 2v	04/2000 - 06/2001	L4	82.5mm x 92.8mm	
	AZI 1984cc Inline4 SOHC 2v	05/2001 - On	L4	82.5mm x 92.8mm	
	AZM 1984cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	82.5mm x 92.8mm	
	BBU 1781cc Inline4 DOHC 5v Turbo	05/2006 - On	L4	81.0mm x 86.4mm	
	BBX 1984cc Inline4 SOHC 2v	04/2002 - On	L4	82.5mm x 92.8mm	
	BDC 1984cc Inline4 SOHC 2v	01/2003 - 06/2003	L4	82.5mm x 92.8mm	
	BEH 1984cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	82.5mm x 92.8mm	
	BEJ 1984cc Inline4 SOHC 2v	06/2001 - On	L4	82.5mm x 92.8mm	
	BER 1984cc Inline4 SOHC 2v	01/2003 - On	L4	82.5mm x 92.8mm	
	BEV 1984cc Inline4 SOHC 2v	06/2003 - On	L4	82.5mm x 92.8mm	
	BGD 1984cc Inline4 SOHC 2v	07/2003 - On	L4	82.5mm x 92.8mm	
	BJX 1781cc Inline4 DOHC 5v Turbo	09/2005 - On	L4	81.0mm x 86.4mm	
	BKF 1781cc Inline4 DOHC 5v Turbo	07/2004 - On	L4	81.0mm x 86.4mm	
	BKV 1781cc Inline4 DOHC 5v Turbo	12/2003 - On	L4	81.0mm x 86.4mm	
	BLZ 1781cc Inline4 DOHC 5v Turbo	05/2004 - On	L4	81.0mm x 86.4mm	
	BSX 1984cc Inline4 DOHC 4v	02/2006 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

82	Engine	Year	Cyl	Bore x Stroke	82
	AWU 1781cc Inline4 DOHC 5v Turbo	10/2000 - On	L4	81.0mm x 86.4mm	
	AWV 1781cc Inline4 DOHC 5v Turbo	06/2000 - On	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L





82 Continued ...							82
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				1648A U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				1648 U
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				1669A L
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

83 Engine				Year	Cyl	Bore x Stroke	83
AUM 1781cc Inline4 DOHC 5v Turbo				09/2000 - 05/2006	L4	81.0mm x 86.4mm	
AUQ 1781cc Inline4 DOHC 5v Turbo				06/2001 - 05/2005	L4	81.0mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.978/2.1251	59.019/2.3236				1669A L
		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	4RB4171
<b>4RB4178</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			21.000/.8268		25.00/.984	F100	4RB4178
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055		25.00/.984	F100	RB4171
<b>RB4178</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
			23.021/.9063				
<b>RB4178</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>					
			21.000/.8268		25.00/.984	F100	RB4178
			21.021/.8276				

84 Engine		Year	Cyl	Bore x Stroke	84		
AWM 1781cc Inline4 DOHC 5v Turbo		02/2001 - 05/2005	L4	81.0mm x 86.4mm			
AWT 1781cc Inline4 DOHC 5v Turbo		10/2000 - 05/2005	L4	81.0mm x 86.4mm			
CBSA 1984cc Inline4 SOHC 2v		08/2006 - On	L4	82.5mm x 92.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX
		47.778/1.8810	50.619/1.9929				IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A
		47.778/1.8810	50.619/1.9929				L
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609
		47.778/1.8810	50.619/1.9929				U
<b>5M1668A</b> STD, .25, .50, .75		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>					
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A
		53.978/2.1251	59.019/2.3236				U
1,2,3,4,5		53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A
		53.978/2.1251	59.019/2.3236				L
<b>2T1644</b> STD		<b>THRUST</b>					
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>4RB4171</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>					
		23.000/.9055	23.021/.9063		25.00/.984	F100	4RB4171
<b>RB4171</b> UNB		<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>					
		23.000/.9055	23.021/.9063		25.00/.984	F100	RB4171

85 Engine		Year	Cyl	Bore x Stroke	85		
DS 1781cc Inline4 SOHC 2v		01/1983 - 07/1988	L4	81.0mm x 86.4mm			
JN 1781cc Inline4 SOHC 2v		08/1983 - 06/1993	L4	81.0mm x 86.4mm			
JV 1781cc Inline4 SOHC 2v		08/1983 - 03/1988	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1076A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A
		47.778/1.8810	50.619/1.9929				IH
<b>4B1076P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076
		47.778/1.8810	50.619/1.9929				IH
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H
		47.778/1.8810	50.619/1.9929				IH
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX
		47.778/1.8810	50.619/1.9929				IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606
		47.778/1.8810	50.619/1.9929				IH
<b>5M1643A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
1,2,4,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U





85		Continued ...						85
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
	<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>RACE SERIES</b> <b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>2T1644</b> STD	<b>THRUST</b>		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5		25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
	<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
				23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
				23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170



86 Engine		Year		Cyl	Bore x Stroke	86	
DZ 1781cc Inline4 SOHC 2v		12/1983 - 07/1984		L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>							
<b>4B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A
		47.778/1.8810	50.619/1.9929				IH
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>							
<b>4B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076
		47.778/1.8810	50.619/1.9929				IH
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644
		53.978/2.1251	59.019/2.3236				L
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)
		53.978/2.1251	59.019/2.3236				UL
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H
		53.978/2.1251	59.019/2.3236				L
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				U
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX
		53.978/2.1251	59.019/2.3236				L
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX
		53.978/2.1251	59.019/2.3236				L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				





86 Continued ...								86
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>PISTON PIN BUSH</b> <i>Has 6.5mm oil hole and part groove.</i>								
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	
87 Engine				Year	Cyl	Bore x Stroke		87
DT 1595cc Inline4 SOHC 2v				08/1983 - 03/1988	L4	81.0mm x 77.4mm		
EZA 1595cc Inline4 SOHC 2v				08/1985 - 07/1987	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>								
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>RACE SERIES MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
	<b>RACE SERIES MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	



87		Continued ...						87
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1644HX</b> STD	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>MAINS</b>		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008	
	<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
	<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	

88		Engine	Year	Cyl	Bore x Stroke	88	
		HM 1595cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>					
<b>4B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
	<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>				
<b>4B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
	<b>CONROD</b>		<i>Has one oil hole.</i>				
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH





88		Continued ...						88	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b>		<b>CONROD</b>							
<i>Has one oil hole.</i>									
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H		
		47.778/1.8810	50.619/1.9929				IH		
<b>RACE SERIES</b>		<b>CONROD</b>							
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>									
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX		
		47.778/1.8810	50.619/1.9929				IH		
		<b>CONROD</b>							
<i>Has one oil hole.</i>									
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606		
		47.778/1.8810	50.619/1.9929				IH		
		<b>CONROD</b>							
<i>Has plain shells.</i>									
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A		
		45.970/1.8098	49.016/1.9298				IH		
		<b>CONROD</b>							
<i>Has plain shells.</i>									
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636		
		45.970/1.8098	49.016/1.9298				IH		
		<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>									
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				U		
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A		
		53.978/2.1251	59.019/2.3236				L		
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)		
		53.978/2.1251	59.019/2.3236				UL		
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				L		
			<b>MAINS</b>						
	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
	<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
			53.978/2.1251	59.019/2.3236				U	
1,2,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644		
		53.978/2.1251	59.019/2.3236				L		
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)		
		53.978/2.1251	59.019/2.3236				UL		
4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648		
		53.978/2.1251	59.019/2.3236				L		
		<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>									
<b>5M1644A</b> STD, .25, .50, .75, 1.00		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
			53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A		
		53.978/2.1251	59.019/2.3236				L		
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A		
		53.978/2.1251	59.019/2.3236				L		
		<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>									
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H		
		53.978/2.1251	59.019/2.3236				U		
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H		
		53.978/2.1251	59.019/2.3236				L		
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H		
		53.978/2.1251	59.019/2.3236				L		
		<b>MAINS</b>							
<i>0.001" extra oil clearance on STD journal.</i>									
<b>RACE SERIES</b> <b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX		
		53.978/2.1251	59.019/2.3236				U		
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX		
		53.978/2.1251	59.019/2.3236				L		
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX		
		53.978/2.1251	59.019/2.3236				L		

**88** Continued ... **88**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F) UL
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170
			23.052/.9076				
<b>PISTON PIN BUSH</b> <i>Has 6.5mm oil hole and part groove.</i>							
<b>RB4170</b> UNB			23.000/.9055		25.00/.984	F100	RB4170
			23.052/.9076				

**89** Engine **Year** **Cyl** **Bore x Stroke** **89**

HN 1595cc Inline4 SOHC 2v		08/1983 - 07/1989		L4	81.0mm x 77.4mm		
JU 1595cc Inline4 SOHC 2v		08/1983 - 07/1986		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>							
<b>4B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>							
<b>4B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076 IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>							
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>							
<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				





89		Continued ...						89
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
<b>CONROD</b> <i>Has plain shells.</i>								
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A	
		45.970/1.8098	49.016/1.9298				IH	
<b>CONROD</b> <i>Has plain shells.</i>								
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636	
		45.970/1.8098	49.016/1.9298				IH	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>								
<b>RACE SERIES</b> <b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>								
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5,	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	

89		Continued ...						89
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
		53.958/2.1243	59.000/2.3228					
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
		3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
		53.978/2.1251	59.019/2.3236					
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
		53.958/2.1243	59.000/2.3228					
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
		3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F) UL
		53.978/2.1251	59.019/2.3236					
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
<b>CAMS</b>								
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008	
		25.960/1.0220	28.271/1.1130					
<b>AUX</b>								
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
	2	42.975/1.6919	46.025/1.8120		15.00/.591	F23	7007	
		41.959/1.6519	45.000/1.7717					
		41.975/1.6526	45.025/1.7726					
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>								
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					
<b>PISTON PIN BUSH</b> <i>Has 6.5mm oil hole and part groove.</i>								
<b>RB4170</b> UNB			23.000/.9055		25.00/.984	F100	RB4170	
			23.052/.9076					

90		Engine	Year	Cyl	Bore x Stroke	90		
		PN 1595cc Inline4 SOHC 2v	08/1985 - 07/1992	L4	81.0mm x 77.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
		47.778/1.8810	50.619/1.9929					
<b>RACE SERIES</b>								
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH	
		47.778/1.8810	50.619/1.9929					
<b>RACE SERIES</b>								
<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>								
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
		47.778/1.8810	50.619/1.9929					
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
		47.778/1.8810	50.619/1.9929					
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
		53.958/2.1243	59.000/2.3228					
	3	53.978/2.1251	59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL	
		53.978/2.1251	59.019/2.3236					
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
			53.978/2.1251	59.019/2.3236				





90		Continued ...						90
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>RACE SERIES</b>								
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b>								
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	<b>MAINS</b> <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							
	<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
		1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
		3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
<b>MAINS</b> <i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>								
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	<b>THRUST</b>							
	<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

**90 Continued ... 90**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS7006</b> UNB	<b>AUX</b> 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	4RB4170
			23.000/.9055 23.052/.9076				
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171
			23.000/.9055 23.021/.9063				
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	RB4170
			23.000/.9055 23.052/.9076				
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171
			23.000/.9055 23.021/.9063				

**91 Engine Year Cyl Bore x Stroke 91**

RE 1595cc Inline4 SOHC 2v 04/1986 - 07/1990 L4 81.0mm x 77.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.			
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>								
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH			
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>								
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH			
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>								
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH			
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>								
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH			
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
		1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U		
			53.978/2.1251	59.019/2.3236						
		1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L		
			53.978/2.1251	59.019/2.3236						
		3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL		
			53.978/2.1251	59.019/2.3236						
		4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L		
			53.978/2.1251	59.019/2.3236						
		<b>5M1643P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
				1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
					53.978/2.1251	59.019/2.3236				
1,2,5	53.958/2.1243			59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L		
	53.978/2.1251			59.019/2.3236						
3	53.958/2.1243			59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F) UL		
	53.978/2.1251			59.019/2.3236						
4	53.958/2.1243			59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 L		
	53.978/2.1251			59.019/2.3236						
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>			<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
				1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
					53.978/2.1251	59.019/2.3236				
		1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L		
			53.978/2.1251	59.019/2.3236						





91 Continued ...							91
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>MAINS</b>		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>					
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170



**91** Continued ... **91**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

**92** Engine **92**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>Year</b> <b>Cyl</b> <b>Bore x Stroke</b>							
<b>RL 1595cc Inline4 SOHC 2v</b>				08/1986 - 03/1988	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES</b> <i>Has one oil hole.</i>								
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>								
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>CONROD</b> <i>Has one oil hole.</i>								
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
	<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>RACE SERIES</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
1,2,3,5		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
4		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b> <i>0.001" extra oil clearance on STD journal.</i>								
<b>5M1644HX</b> STD		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	





92 Continued ...								92
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1644HX</b> STD	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>MAINS</b>		<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5,	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
	<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	<b>THRUST</b>							
<b>2T1644</b> STD			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>						
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	

93 Engine		Year		Cyl	Bore x Stroke		93	
EW 1595cc Inline4 SOHC 2v		01/1983 - 07/1992		L4	81.0mm x 77.4mm			
EZ 1595cc Inline4 SOHC 2v		08/1983 - 09/1991		L4	81.0mm x 77.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>						
<b>4B1076A</b> STD, .25, .50, .75, 1.00			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	1076A IH
	<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>					
<b>4B1076P</b> STD, .25, .50, .75, 1.00			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	1076 IH
	<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
	<b>RACE SERIES</b>		<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH



93		Continued ...						93
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole.</i>						
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>4B1636A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has plain shells.</i>						
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F810	1636A IH	
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		<b>CONROD</b> <i>Has plain shells.</i>						
		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748	F780	1636 IH	
<b>5M1643A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1643A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>5M1643P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1643(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L	
<b>5M1644A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b>		<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
<b>5M1645A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>						
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	





93		Continued ...						93
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1645A</b> STD, .25, .50, .75, 1.00	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1645A(F) UL	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>						
<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F810	1654A(F) UL	
	<b>MAINS</b>		<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>					
<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L	
	1,2,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U	
	3	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	24.93/.982	F780	1654(F) UL	
	<b>THRUST</b>							
<b>2T1644</b> STD			59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
	<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170	
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170	
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	

94		Engine	Year	Cyl	Bore x Stroke	94	
		<b>DX 1781cc Inline4 SOHC 2v</b>	08/1982 - 07/1992	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810
<b>4B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>		<i>Has one oil hole.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>				
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781



94		Continued ...						94
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Has one oil hole.</i>						
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	<b>MAINS</b>		<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>					
	<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
		53.978/2.1251	59.019/2.3236				U	
1,2,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644A</b> STD, .25, .50, .75, 1.00		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
<b>CAMS</b>								
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008	
		25.960/1.0220	28.271/1.1130					
<b>AUX</b>								
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>						
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					





94 Continued ...							94
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>		25.00/.984	F100	4RB4171
			23.000/.9055	23.021/.9063			
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>		25.00/.984	F100	RB4170
			23.000/.9055	23.052/.9076			
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>		25.00/.984	F100	RB4171
			23.000/.9055	23.021/.9063			

95	Engine	Year	Cyl	Bore x Stroke	95
	EV 1781cc Inline4 SOHC 2v	12/1983 - 07/1987	L4	81.0mm x 86.4mm	
	EX 1781cc Inline4 SOHC 2v	08/1983 - 07/1993	L4	81.0mm x 86.4mm	
	GU 1781cc Inline4 SOHC 2v	08/1983 - 10/1991	L4	81.0mm x 86.4mm	
	GX 1781cc Inline4 SOHC 2v	08/1983 - 07/1988	L4	81.0mm x 86.4mm	
	GZ 1781cc Inline4 SOHC 2v	01/1984 - 07/1988	L4	81.0mm x 86.4mm	
	HV 1781cc Inline4 SOHC 2v	08/1983 - 07/1987	L4	81.0mm x 86.4mm	
	JH 1781cc Inline4 SOHC 2v	05/1983 - 07/1994	L4	81.0mm x 86.4mm	
	KR 1781cc Inline4 DOHC 4v	08/1984 - 07/1992	L4	81.0mm x 86.4mm	
	KT 1781cc Inline4 SOHC 2v	08/1983 - 07/1989	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.				
<b>4B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>		19.00/.748	F810	1076A IH				
			47.758/1.8802	50.600/1.9921				1.406/.0554			
<b>4B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>Has plain shells. Suits until 12/85.</i>		19.00/.748	F780	1076 IH				
			47.758/1.8802	50.600/1.9921				1.406/.0554			
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>		<i>Has one oil hole.</i>		19.00/.748	F810	1606A IH				
			47.758/1.8802	50.600/1.9921				1.405/.0553			
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>		<i>Has one oil hole.</i>		19.00/.748	F781	1606H IH				
			47.758/1.8802	50.600/1.9921				1.405/.0553			
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		19.00/.748	F781	1606HX IH				
			47.758/1.8802	50.600/1.9921				1.392/.0548			
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>		<i>Has one oil hole.</i>		19.00/.748	F780	1606 IH				
			47.758/1.8802	50.600/1.9921				1.405/.0553			
<b>5M1643A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>				18.50/.728	F810	1648A U		
			53.958/2.1243	59.000/2.3228	2.502/.0985						
			53.978/2.1251	59.019/2.3236							
			53.958/2.1243	59.000/2.3228	2.502/.0985						
			53.978/2.1251	59.019/2.3236							
	1,2,5	3	4	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL		
				53.978/2.1251	59.019/2.3236						
				53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L		
				53.978/2.1251	59.019/2.3236						
				53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U		
<b>5M1643P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	1,2,4,5	<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>				18.49/.728	F780	1644 L		
			53.958/2.1243	59.000/2.3228	2.502/.0985						
			53.978/2.1251	59.019/2.3236							
			53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982				F780	1643(F) UL
			53.978/2.1251	59.019/2.3236							



95 Continued ...							95
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1643P</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 L
<b>MAINS</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>		<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>					
<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170
<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 3mm oil hole and full groove.</i>					
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>PISTON PIN BUSH</b>		<i>Has 6.5mm oil hole and part groove.</i>					
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170
<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

96	Engine	Year	Cyl	Bore x Stroke	96		
	2H 1781cc Inline4 SOHC 2v	08/1989 - 07/1993	L4	81.0mm x 86.4mm			
	PL 1781cc Inline4 DOHC 4v	02/1986 - 07/1992	L4	81.0mm x 86.4mm			
	RG 1781cc Inline4 SOHC 2v	02/1986 - 07/1987	L4	81.0mm x 86.4mm			
	RH 1781cc Inline4 SOHC 2v	08/1986 - 07/1990	L4	81.0mm x 86.4mm			
	RP 1781cc Inline4 SOHC 2v	08/1986 - 10/1991	L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>		<i>Has one oil hole.</i>					
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>		<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH





96		Continued ...						96
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX	
		47.778/1.8810	50.619/1.9929				IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606	
		47.778/1.8810	50.619/1.9929				IH	
<b>5M1643A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>5M1643P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>						
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>5M1644A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b>		<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
<b>RACE SERIES</b>		<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
<b>2T1644</b> STD		<b>THRUST</b>						
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
<b>2B57006</b> UNB		<b>AUX</b>						
	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>4RB4170</b> UNB		<b>PISTON PIN BUSH</b>		<i>Set of 4. Has 6.5mm oil hole and part groove.</i>				
			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					

# Volkswagen



96 Continued ...							96
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

97 Engine	Year	Cyl	Bore x Stroke	97
PG 1781cc Inline4 SOHC 2v Turbo	08/1988 - 07/1993	L4	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Original bearings are marked with sputter - ACL Race Series are not sputter. Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.404/.0553	20.00/.787	F781	5537D U
<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		50.600/1.9921 47.778/1.8810		1.403/.0552	20.00/.787	F780	5537 IH
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504		73.000/2.8740 73.200/2.8819	1.98/.078	F817	1644T UL





97 Continued ...								97
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>2BS7006</b> UNB	<b>AUX</b>							
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	<b>PISTON PIN BUSH</b>							
<b>RB4053</b> UNB		21.996/.8660 22.000/.8661	25.000/.9843 25.033/.9856	1.730/.0681	25.00/.984	F100	RB4053	
	<b>98 Engine</b>							
PP 1595cc Inline4 SOHC 2v				Year 03/1987 - 03/1988	Cyl L4	Bore x Stroke 81.0mm x 77.4mm		
<b>98</b>								
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b> <i>Has one oil hole.</i>							
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b> <i>Has one oil hole.</i>							
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b> <i>Has one oil hole.</i>							
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH	
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
	<b>RACE SERIES</b>							
<b>5M1644H</b> STD, .25, .50	<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
	<b>RACE SERIES</b>							
<b>5M1644HX</b> STD	<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
	<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>							
	<b>4RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	4RB4170

**98 Continued ... 98**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Has 6.5mm oil hole and part groove.</i>							
<b>RB4170</b> UNB			23.000/.9055 23.052/.9076		25.00/.984	F100	RB4170

99 Engine	Year	Cyl	Bore x Stroke	99
AZV 1968cc Inline4 DOHC 4v Turbo Diesel	02/2003 - On	L4	81.0mm x 95.5mm	
BKD 1968cc Inline4 DOHC 4v Turbo Diesel	08/2003 - On	L4	81.0mm x 95.5mm	
BKP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - 05/2009	L4	81.0mm x 95.5mm	
BMA 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2009	L4	81.0mm x 95.5mm	
BMR 1968cc Inline4 DOHC 4v Turbo Diesel	02/2006 - On	L4	81.0mm x 95.5mm	
BUZ 1968cc Inline4 DOHC 4v Turbo Diesel	10/2005 - On	L4	81.0mm x 95.5mm	
BVE 1968cc Inline4 DOHC 4v Turbo Diesel	06/2005 - 05/2007	L4	81.0mm x 95.5mm	
BWV 1968cc Inline4 SOHC 2v Turbo Diesel	03/2005 - 05/2007	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				
<b>CONROD</b>							
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
<b>MAINS</b>							
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
<b>MAINS</b>							
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>CAMS</b>							
<b>10C7005</b> STD	Exhaust	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
	Inlet	25.939/1.0212	29.000/1.1417	1.513/.0596	22.00/.866	F780	7005
		25.960/1.0220	29.021/1.1426				

100 Engine	Year	Cyl	Bore x Stroke	100
AXB 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	79.5mm x 95.5mm	
AXC 1896cc Inline4 SOHC 2v Turbo Diesel	04/2003 - On	L4	79.5mm x 95.5mm	
BDJ 1968cc Inline4 SOHC 2v Diesel	02/2004 - On	L4	81.0mm x 95.5mm	
BDK 1968cc Inline4 SOHC 2v Diesel	01/2004 - 11/2008	L4	81.0mm x 95.5mm	
BGW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	81.0mm x 95.5mm	
BHW 1968cc Inline4 SOHC 2v Turbo Diesel	11/2003 - 05/2005	L4	81.0mm x 95.5mm	
BMM 1968cc Inline4 DOHC 4v Turbo Diesel	12/2004 - On	L4	81.0mm x 95.5mm	
BMN 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	81.0mm x 95.5mm	
BMP 1968cc Inline4 DOHC 4v Turbo Diesel	03/2005 - On	L4	81.0mm x 95.5mm	
BPZ 1896cc Inline4 SOHC 2v Turbo Diesel	01/2007 - 03/2008	L4	79.5mm x 95.5mm	
BRT 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	81.0mm x 95.5mm	
BST 1968cc Inline4 SOHC 2v Diesel	06/2005 - On	L4	81.0mm x 95.5mm	
BTB 1896cc Inline4 SOHC 2v Turbo Diesel	06/2005 - 05/2007	L4	79.5mm x 95.5mm	
BVH 1968cc Inline4 DOHC 4v Turbo Diesel	11/2005 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L
		50.878/2.0031	53.712/2.1146				





100 Continued ...							100
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5538D</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
<b>4B5538P</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				IH
<b>5M5540A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

101 Engine	Year	Cyl	Bore x Stroke	101
CAAA 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CAAB 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CAAC 1968cc Inline4 Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CAAE 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	81.0mm x 95.5mm	
CBAA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CBAB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CBAC 1968cc Inline4 DOHC 4v Turbo Diesel	01/2009 - On	L4	81.0mm x 95.5mm	
CBBA 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - 08/2009	L4	81.0mm x 95.5mm	
CBBB 1968cc Inline4 DOHC 4v Turbo Diesel	02/2008 - On	L4	81.0mm x 95.5mm	
CBDA 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	81.0mm x 95.5mm	
CBDB 1968cc Inline4 DOHC 4v Turbo Diesel	05/2005 - On	L4	81.0mm x 95.5mm	
CBDC 1968cc Inline4 DOHC 4v Turbo Diesel	10/2008 - On	L4	81.0mm x 95.5mm	
CBEA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2008 - On	L4	81.0mm x 95.5mm	
CBJA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CCHA 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	81.0mm x 95.5mm	
CCHB 1968cc Inline4 DOHC 4v Turbo Diesel	09/2009 - 05/2011	L4	81.0mm x 95.5mm	
CDBA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	81.0mm x 95.5mm	
CDCA 1968cc Inline4 Turbo Diesel	09/2010 - On	L4	81.0mm x 95.5mm	
CEGA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2008 - On	L4	81.0mm x 95.5mm	
CFCA 1968cc Inline4 DOHC 4v Twin Turbo Diesel	09/2009 - On	L4	81.0mm x 95.5mm	
CFFA 1968cc Inline4 Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CFFB 1968cc Inline4 DOHC 4v Turbo Diesel	03/2008 - On	L4	81.0mm x 95.5mm	
CFFD 1968cc Inline4 Turbo Diesel	05/2010 - On	L4	81.0mm x 95.5mm	
CFGB 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CFHB 1968cc Inline4 Turbo Diesel	05/2005 - On	L4	81.0mm x 95.5mm	
CFHC 1968cc Inline4 DOHC 4v Turbo Diesel	08/2008 - On	L4	81.0mm x 95.5mm	
CFHE 1968cc Inline4 Turbo Diesel	11/2010 - On	L4	81.0mm x 95.5mm	
CFHF 1968cc Inline4 Turbo Diesel	08/2010 - On	L4	81.0mm x 95.5mm	
CFJA 1968cc Inline4 Turbo Diesel	12/2005 - On	L4	81.0mm x 95.5mm	
CJAA 1968cc Inline4 DOHC 4v Turbo Diesel	07/2009 - On	L4	81.0mm x 95.5mm	
CLCA 1968cc Inline4 DOHC 4v Turbo Diesel	01/2010 - On	L4	81.0mm x 95.5mm	
CLCB 1968cc Inline4 DOHC 4v Turbo Diesel	10/2010 - On	L4	81.0mm x 95.5mm	
CLJA 1968cc Inline4 DOHC 4v Turbo Diesel	11/2007 - On	L4	81.0mm x 95.5mm	
CLLA 1968cc Inline4 Turbo Diesel	06/2008 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5538D</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L

101 Continued ...							101
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5538P</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
<b>5M5540A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

102 Engine	Year	Cyl	Bore x Stroke	102
AAF 2461cc Inline5 SOHC 2v	09/1990 - 04/1995	L5	81.0mm x 95.5mm	
ACU 2461cc Inline5 SOHC 2v	08/1993 - 10/1996	L5	81.0mm x 95.5mm	
AEN 2461cc Inline5 SOHC 2v	05/1995 - 12/1995	L5	81.0mm x 95.5mm	
AET 2461cc Inline5 SOHC 2v	08/1996 - 09/2003	L5	81.0mm x 95.5mm	
AEU 2461cc Inline5 SOHC 2v	08/1996 - 06/2003	L5	81.0mm x 95.5mm	
APL 2461cc Inline5 SOHC 2v	05/1999 - 12/1999	L5	81.0mm x 95.5mm	
AVT 2461cc Inline5 SOHC 2v	12/1999 - 06/2003	L5	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1606A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A IH
		47.758/1.8802	50.600/1.9921				
<b>5B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606 IH
		47.758/1.8802	50.600/1.9921				
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
		57.958/2.2818	63.000/2.4803				
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
		57.958/2.2818	63.000/2.4803				
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>5RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 5.</i>			25.00/.984	F100	5RB4167
			27.000/1.0630				
<b>RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 5.</i>			25.00/.984	F100	RB4167
			27.000/1.0630				

103 Engine	Year	Cyl	Bore x Stroke	103
HP 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	81.0mm x 77.4mm	
JS 1994cc Inline5 SOHC 2v	08/1983 - 07/1988	L5	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		1.406/.0554	19.00/.748	F810	1076A IH
		47.758/1.8802	50.600/1.9921				
		47.778/1.8810	50.619/1.9929				





103 Continued ...							103
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F780 1076 IH
<b>5B1606A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F810 1606A IH
<b>5B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F780 1606 IH
<b>5B1636A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells.</i>		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748 F810 1636A IH
<b>5B1636P</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has plain shells.</i>		45.950/1.8091 45.970/1.8098	49.000/1.9291 49.016/1.9298	1.506/.0593	19.00/.748 F780 1636 IH
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F810 1604A UL
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F780 1604 UL
<b>2T1604</b> STD	<b>THRUST</b>			63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492	1.98/.078	F817 1604T UL
<b>2T1614</b> STD	<b>THRUST</b>			63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394	1.98/.078	F817 1614T UL
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>			23.000/.9055 23.052/.9076	25.00/.984	F100 RB4170

104 Engine	Year	Cyl	Bore x Stroke	104
HY 2226cc Inline5 SOHC 2v	08/1984 - 07/1988	L5	81.0mm x 86.4mm	
JT 2226cc Inline5 SOHC 2v	08/1985 - 07/1988	L5	81.0mm x 86.4mm	
KM 2226cc Inline5 SOHC 2v	08/1983 - 07/1985	L5	81.0mm x 86.4mm	
KV 2226cc Inline5 SOHC 2v	01/1985 - 03/1988	L5	81.0mm x 86.4mm	
KX 2226cc Inline5 SOHC 2v	01/1985 - 07/1988	L5	81.0mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B1076A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F810 1076A IH
<b>5B1076P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has plain shells. Suits until 12/85.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748 F780 1076 IH
<b>5B1606A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F810 1606A IH
<b>5B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748 F780 1606 IH
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F810 1604A UL
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728 F780 1604 UL

**104 Continued ... 104**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055	25.00/.984	F100	RB4170
				23.052/.9076			

**105 Engine Year Cyl Bore x Stroke 105**

ACV 2461cc Inline5 SOHC 2v Turbo Diesel	09/1995 - 09/2003	L5	81.0mm x 95.5mm
AGX 2461cc Inline5 SOHC 2v Diesel	05/1996 - 04/2001	L5	81.0mm x 95.5mm
AHD 2461cc Inline5 SOHC 2v Turbo Diesel	05/1996 - 05/1999	L5	81.0mm x 95.5mm
AHY 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2000	L5	81.0mm x 95.5mm
AJT 2461cc Inline5 SOHC 2v Turbo Diesel	05/1998 - 09/2003	L5	81.0mm x 95.5mm
ANF 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	81.0mm x 95.5mm
ANG 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm
ANH 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm
ANJ 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 07/2006	L5	81.0mm x 95.5mm
APA 2461cc Inline5 SOHC 2v Turbo Diesel	05/1999 - 04/2001	L5	81.0mm x 95.5mm
AUF 2461cc Inline5 SOHC 2v Turbo Diesel	11/1999 - 09/2003	L5	81.0mm x 95.5mm
AVR 2461cc Inline5 SOHC 2v Turbo Diesel	12/2002 - 07/2006	L5	81.0mm x 95.5mm
AXG 2461cc Inline5 SOHC 2v Turbo Diesel	09/2000 - 09/2003	L5	81.0mm x 95.5mm
AXL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	81.0mm x 95.5mm
AYC 2461cc Inline5 SOHC 2v Turbo Diesel	04/2001 - 09/2003	L5	81.0mm x 95.5mm
AYY 2461cc Inline5 SOHC 2v Diesel	10/2001 - 09/2003	L5	81.0mm x 95.5mm
BBE 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	81.0mm x 95.5mm
BBF 2461cc Inline5 SOHC 2v Diesel	04/2001 - 07/2006	L5	81.0mm x 95.5mm
BBR 2461cc Inline5 SOHC 2v Turbo Diesel	01/2003 - On	L5	81.0mm x 95.5mm
BCT 2461cc Inline5 SOHC 2v Diesel	02/2002 - On	L5	81.0mm x 95.5mm
BCU 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm
BCV 2461cc Inline5 SOHC 2v Turbo Diesel	02/2002 - On	L5	81.0mm x 95.5mm
BTW 2461cc Inline5 SOHC 2v Turbo Diesel	04/2005 - On	L5	81.0mm x 95.5mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>5B5536D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F781	5536D U		
		47.778/1.8810	50.612/1.9926						
				47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 L
				47.778/1.8810	50.612/1.9926				
<b>5B5536P</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.406/.0554	20.00/.787	F780	5536 IH		
		47.778/1.8810	50.612/1.9926						
<b>6M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL		
		57.958/2.2818	63.000/2.4803						
		57.978/2.2826	63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL		
		57.958/2.2818	63.000/2.4803						
<b>6M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL		
		57.978/2.2826	63.019/2.4811						
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL		
		63.750/2.5098	77.450/3.0492						
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL		
		63.750/2.5098	77.200/3.0394						





105 Continued ...							105
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4168</b> UNB			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168
<b>106 Engine</b>							
ABF 1984cc Inline4 DOHC 4v			08/1992 - 10/1999		<b>Cyl</b> L4	<b>Bore x Stroke</b> 82.5mm x 92.8mm	
ADY 1984cc Inline4 SOHC 2v			07/1994 - 02/2000		L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<i>Has one oil hole.</i>							
<b>RACE SERIES</b>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<i>Has one oil hole.</i>							
<b>RACE SERIES</b>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>CONROD</b>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<i>Has one oil hole.</i>							
<b>MAINS</b>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>RACE SERIES</b>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>RACE SERIES</b>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<i>0.001" extra oil clearance on STD journal.</i>							
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>							
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>PISTON PIN BUSH</b>							
<b>4RB4173</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4173
<i>Set of 4.</i>							
<b>PISTON PIN BUSH</b>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
<i>Has 3mm oil hole and full groove.</i>							



**106 Continued ... 106**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4173</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173

**107 Engine 107**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>Year Cyl Bore x Stroke</b>							
AEP 1984cc Inline4 SOHC 2v				01/1995 - 12/1997		L4 82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>							
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>							
<b>CONROD</b>							
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>							
<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>							
<b>MAINS</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>MAINS</b>							
<i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>MAINS</b>							
<i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>PISTON PIN BUSH</b>							
<i>Set of 4.</i>							
<b>4RB4173</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4173





**107 Continued ... 107**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4173</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173

**108 Engine 108**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>AGG 1984cc Inline4 SOHC 2v</b>				<b>Year</b> 07/1995 - 03/2003	<b>Cyl</b> L4	<b>Bore x Stroke</b> 82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>CONROD</b>							
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b>							
<i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>CONROD</b>							
<i>Has one oil hole and no notch.</i>							
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>CONROD</b>							
<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>CONROD</b>							
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>MAINS</b>							
<i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>MAINS</b>							
<i>0.001" extra oil clearance on STD journal.</i>							
<b>RACE SERIES</b> <b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>MAINS</b>							
<i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U

108 Continued ...							108
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				1648 U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				1668A U
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4173</b> UNB			23.000/.9055		25.00/.984	F100	4RB4173
			23.021/.9063				
<b>PISTON PIN BUSH</b>							
<b>RB4173</b> UNB			23.000/.9055		25.00/.984	F100	RB4173
			23.021/.9063				

109 Engine				Year	Cyl	Bore x Stroke	109
AKR 1984cc Inline4 SOHC 2v				09/1994 - On	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch.</i>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1609HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				1609 U
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				1644A L
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				





109 Continued ...							109
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1644A</b> STD, .25, .50, .75, 1.00	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b>		<i>Full groove on #4 position only. Requires thrustwashers.</i>					
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>5M1653A</b> STD, .25, .50, .75, 1.00		<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>5M1653P</b> STD, .25, .50, .75, 1.00		<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>2T1644</b> STD		<b>THRUST</b>					
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>4RB4173</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4173
<b>RB4173</b> UNB		<b>PISTON PIN BUSH</b>					
			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173

110 Engine	Year	Cyl	Bore x Stroke	110
ALT 1984cc Inline4 DOHC 5v	11/2001 - 05/2005	L4	82.5mm x 92.8mm	
AXX 1984cc Inline4 DOHC 4v Turbo	09/2004 - 02/2009	L4	82.5mm x 92.8mm	
BPY 1984 Inline4 DOHC 4v Turbo	06/2005 - On	L4	82.5mm x 92.8mm	
BVX 1984cc Inline4 DOHC 4v	11/2005 - On	L4	82.5mm x 92.8mm	
BWA 1984cc Inline4 DOHC 4v Turbo	06/2005 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
<b>5M1668A</b> STD, .25, .50, .75		<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U

110 Continued ...							110
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				
<b>THRUST</b>							
<b>2T5535</b> STD		59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				

111 Engine				Year	Cyl	Bore x Stroke	111
ATM 1984cc Inline4 SOHC 2v				04/2000 - On	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b>		<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
		47.778/1.8810	50.619/1.9929				
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
	53.978/2.1251	59.019/2.3236					
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				

112 Engine				Year	Cyl	Bore x Stroke	112
BHP 1984cc Inline4 SOHC 2v				06/2003 - On	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b>		<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
	53.978/2.1251	59.019/2.3236					
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				





113 Engine		Year	Cyl	Bore x Stroke	113		
ATU 1984cc Inline4 SOHC 2v		06/1999 - 06/2000	L4	82.5mm x 92.8mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch.</i>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810 47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929 50.600/1.9921 50.619/1.9929	1.405/.0553 1.405/.0553	19.00/.748 19.00/.748	F780 F810	1609 U 1609A L
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L
<b>RACE SERIES</b> <b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>							
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L
<b>RACE SERIES</b> <b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>							
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL

**113 Continued ... 113**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2BS7006</b> UNB	<b>AUX</b> 1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>4RB4173</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		23.000/.9055	25.00/.984	F100	4RB4173
				23.021/.9063			
<b>RB4173</b> UNB	<b>PISTON PIN BUSH</b>			23.000/.9055	25.00/.984	F100	RB4173
				23.021/.9063			

**114 Engine Year Cyl Bore x Stroke 114**

AWF 1984cc Inline4 SOHC 2v 06/2000 - 06/2002 L4 82.5mm x 92.8mm  
 AWG 1984cc Inline4 SOHC 2v 05/2000 - 06/2002 L4 92.5mm x 92.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH	
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH	
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH	
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH	
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH	
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>						
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH	
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U	
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1609A L	
		47.778/1.8810	50.619/1.9929					
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		1,2,3,4,5	53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>							
			59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
			59.700/2.3504	73.200/2.8819				
<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				
<b>4RB4173</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		23.000/.9055	25.00/.984	F100	4RB4173	
				23.021/.9063				





114 Continued ...							114
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4173</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4173
115 Engine				Year	Cyl	Bore x Stroke	115
AXA 1984cc Inline4 SOHC 2v				11/2003 - 11/2009	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<i>Has one oil hole.</i>							
<b>RACE SERIES</b>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<i>Has one oil hole.</i>							
<b>RACE SERIES</b>							
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>CONROD</b>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<i>Has one oil hole.</i>							
<b>RACE SERIES</b>							
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<i>Has one oil hole and no notch.</i>							
<b>RACE SERIES</b>							
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>							
<b>CONROD</b>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>CONROD</b>							
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>							
<b>MAINS</b>							
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<i>Half Groove Set. Requires thrustwashers.</i>							
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>PISTON PIN BUSH</b>							
<b>4RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>PISTON PIN BUSH</b>							
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
<i>Has 3mm oil hole and full groove.</i>							

# Volkswagen



116	Engine	Year	Cyl	Bore x Stroke	116
	AXW 1984cc Inline4 DOHC 4v	10/2003 - 07/2005	L4	82.5mm x 92.8mm	
	BLR 1984cc Inline4 DOHC 4v	01/2005 - 07/2007	L4	82.5mm x 92.8mm	
	BLX 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	82.5mm x 92.8mm	
	BLY 1984cc Inline4 DOHC 4v	05/2004 - 07/2007	L4	82.5mm x 92.8mm	
	BVY 1984cc Inline4 DOHC 4v	06/2005 - On	L4	82.5mm x 92.8mm	
	BVZ 1984cc Inline4 DOHC 4v	11/2005 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
<b>4RB4178</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		21.000/.8268 20.021/.7882	25.00/.984	F100	4RB4178
<b>RB4178</b> UNB	<b>PISTON PIN BUSH</b>		21.000/.8268 21.021/.8276		25.00/.984	F100	RB4178

117	Engine	Year	Cyl	Bore x Stroke	117
	BYD 1984cc Inline4 DOHC 4v Turbo	09/2006 - 05/2007	L4	82.5mm x 92.8mm	
	CDLA 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	82.5mm x 92.8mm	
	CDLC 1984cc Inline4 DOHC 4v Turbo	11/2009 - On	L4	82.5mm x 92.8mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL



118	Engine	Year	Cyl	Bore x Stroke	118
	124 A 1584cc Flat4 OHV 2v	08/1961 - 07/1974	H4	87.0mm x 66.6mm	
	126/A 1584cc Flat4 OHV 2v	08/1963 - 07/1991	H4	85.5mm x 69.0mm	
	311 1584cc Flat4 OHV 2v	01/1960 - 12/1992	H4	85.5mm x 69.0mm	
	ACD 1584cc Flat4 OHV 2v	10/1992 - On	H4	85.5mm x 69.0mm	
	AD 1584cc Flat4 OHV 2v	07/1970 - 07/1973	H4	85.5mm x 69.0mm	
	AM 1584cc Flat4 OHV 2v	03/1973 - 09/1974	H4	85.5mm x 69.0mm	
	AS 1584cc Flat4 OHV 2v	08/1973 - 01/1980	H4	85.5mm x 69.0mm	
	H 1493cc Flat4 OHV 2v	01/1960 - 12/1992	H4	83.0mm x 69.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2451A</b> STD, 010, 020, 030, 040, 060		54.971/2.1642	57.800/2.2756	1.397/.0550	17.60/.693	F810	2451A
		54.991/2.1650	57.818/2.2763				IH
<b>PISTON PIN BUSH</b>							
<b>RB4007</b> UNB		21.994/.8659	23.993/.9446	1.120/.0441	23.24/.915	F100	RB4007
		22.000/.8661	24.005/.9451				

119	Engine	Year	Cyl	Bore x Stroke	119
	021 1679cc Flat4 OHV 2v	01/1968 - 12/1969	H4	90.0mm x 66.0mm	
	022 1679cc Flat4 OHV 2v	08/1969 - 07/1974	H4	90.0mm x 66.0mm	
	127 1795cc Flat4 OHV 2v	02/1974 - 01/1986	H4	93.0mm x 66.0mm	
	AP 1795cc Flat4 OHV 2v	08/1973 - 07/1975	H4	93.0mm x 66.0mm	
	AT 1795cc Flat4 OHV 2v	08/1973 - 12/1975	H4	93.0mm x 66.0mm	
	CA 1679cc Flat4 OHV 2v	08/1971 - 12/1973	H4	90.0mm x 66.0mm	
	W 1679cc Flat4 OHV 2v	01/1969 - 12/1973	H4	90.0mm x 66.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2456P</b> STD, 010, 020, 030, 040		54.975/2.1644	57.800/2.2756	1.389/.0547	20.06/.790	F780	2456
		54.996/2.1652	57.818/2.2763				IH
<b>PISTON PIN BUSH</b>							
<b>RB4042</b> UNB		24.000/.9449	26.500/1.0433	1.380/.0543	26.00/1.024	F100	RB4042
		24.000/.9449	26.500/1.0433				

120	Engine	Year	Cyl	Bore x Stroke	120
	039 1971cc Flat4 OHV 2v	01/1969 - 02/1976	H4	94.0mm x 71.0mm	
	CJ 1971cc Flat4 OHV 2v	08/1975 - 12/1980	H4	94.0mm x 71.0mm	
	CU 1971cc Flat4 OHV 2v	05/1979 - 12/1983	H4	94.0mm x 71.0mm	
	CV 1971cc Flat4 OHV 2v	05/1979 - 12/1982	H4	94.0mm x 71.0mm	
	GB 1971cc Flat4 OHV 2v	01/1972 - 12/1975	H4	94.0mm x 71.0mm	
	GE 1971cc Flat4 OHV 2v	08/1976 - 06/1979	H4	94.0mm x 71.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2450P</b> STD, 010, 020, 030, 040		49.982/1.9678	52.799/2.0787	1.390/.0547	20.06/.790	F780	2450
		49.995/1.9683	52.812/2.0792				IH
<b>PISTON PIN BUSH</b>							
<b>RB4042</b> UNB		24.000/.9449	26.500/1.0433	1.380/.0543	26.00/1.024	F100	RB4042
		24.000/.9449	26.500/1.0433				



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121	Engine	Year	Cyl	Bore x Stroke	121
	DF 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	94.0mm x 69.0mm	
	DG 1915cc Flat4 OHV 2v	08/1982 - 07/1992	H4	94.0mm x 69.0mm	
	DH 1915cc Flat4 OHV 2v	01/1983 - 11/1986	H4	94.0mm x 69.0mm	
	DJ 2095cc Flat4 OHV 2v	08/1984 - 07/1992	H4	94.0mm x 76.0mm	
	GW 1915cc Flat4 OHV 2v	08/1983 - 07/1985	H4	94.0mm x 69.0mm	
	MV 2095cc Flat4 OHV 2v	08/1985 - 12/1992	H4	94.0mm x 76.0mm	
	SR 2095cc Flat4 OHV 2v	08/1986 - 07/1992	H4	94.0mm x 76.0mm	
	SS 2095cc Flat4 OHV 2v	08/1989 - 07/1992	H4	94.0mm x 76.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B2451A</b> STD, 010, 020, 030, 040, 060		54.971/2.1642	57.800/2.2756	1.397/.0550	17.60/.693	F810	2451A
		54.991/2.1650	57.818/2.2763				IH

122	Engine	Year	Cyl	Bore x Stroke	122
	ARL 1896cc Inline4 SOHC 2v Turbo Diesel	09/2000 - 05/2006	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L

<b>CONROD</b>							
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				IH

<b>MAINS</b>							
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL

<b>MAINS</b>							
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL

<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

<b>CAMS</b>							
<b>5C7004</b> STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4167</b> UNB			27.000/1.0630		25.00/.984	F100	4RB4167
			27.021/1.0638				

<b>PISTON PIN BUSH</b>							
<b>RB4167</b> UNB			27.000/1.0630		25.00/.984	F100	RB4167
			27.021/1.0638				

123	Engine	Year	Cyl	Bore x Stroke	123
	ASZ 1896cc Inline4 SOHC 2v Turbo Diesel	04/2001 - On	L4	79.5mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D
		50.878/2.0031	53.712/2.1146				U
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L

<b>CONROD</b>							
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				IH

<b>MAINS</b>							
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL





123 Continued ...							123
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
<b>2T1644</b> STD	<b>THRUST</b>						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>5C7004</b> STD	<b>CAMS</b>						
	1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004
<b>2B57006</b> UNB	<b>AUX</b>						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>4RB4167</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			27.000/1.0630 27.021/1.0638		25.00/.984	F100	4RB4167
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>					
			29.000/1.1417 29.052/1.1438		25.00/.984	F100	4RB4168
<b>RB4167</b> UNB	<b>PISTON PIN BUSH</b>						
			27.000/1.0630 27.021/1.0638		25.00/.984	F100	RB4167
<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>						
			29.000/1.1417 29.052/1.1438		25.00/.984	F100	RB4168

124 Engine	Year	Cyl	Bore x Stroke	124
BLT 1896cc Inline4 SOHC 2v Turbo Diesel	05/2004 - On	L4	79.5mm x 95.5mm	
CBHA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CBJB 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	
CBKA 1968cc Inline4 SOHC 2v Turbo Diesel	05/2007 - On	L4	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5538D</b> STD, .25, .50	<b>CONROD</b>						
		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 L
		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F781	5538D U
<b>4B5538P</b> STD, .25, .50	<b>CONROD</b>						
		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 IH
<b>5M5540A</b> STD, .25, .50	<b>MAINS</b>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F810	5540A UL
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b>						
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.012/2.3233	2.501/.0985	18.50/.728	F780	5540 UL
<b>2T1644</b> STD	<b>THRUST</b>						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>5C7004</b> STD	<b>CAMS</b>						
	1,2,3,4,5	28.947/1.1396 28.960/1.1402	32.000/1.2598 32.025/1.2608	1.513/.0596	25.00/.984	F780	7004

125 Engine		Year		Cyl	Bore x Stroke	125		
BRR 1896cc Inline4 SOHC 2v Turbo Diesel		01/2006 - 11/2009		L4	79.5mm x 95.5mm			
BRS 1896cc Inline4 SOHC 2v Turbo Diesel		06/2006 - 11/2009		L4	79.5mm x 95.5mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>4B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 L	
		50.878/2.0031	53.712/2.1146					
		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U	
		50.878/2.0031	53.712/2.1146					
<b>CONROD</b>								
<b>4B5538P</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH	
		50.878/2.0031	53.712/2.1146					
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L	
		53.978/2.1251	59.019/2.3236					
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1653P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
<b>MAINS</b>								
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL	
		53.978/2.1251	59.012/2.3233					
<b>MAINS</b>								
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL	
		53.978/2.1251	59.012/2.3233					
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819					
<b>CAMS</b>								
<b>5C7004</b> STD	1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004	
		28.960/1.1402	32.025/1.2608					
<b>AUX</b>								
<b>2B57006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

126 Engine		Year		Cyl	Bore x Stroke	126	
AXR 1896cc Inline4 SOHC 2v Turbo Diesel		05/2001 - On		L4	79.5mm x 95.5mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
<b>CONROD</b>							
<b>4B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
<b>MAINS</b>							
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
<b>MAINS</b>							
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				





126 Continued ...							126
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C7004</b> STD	<b>CAMS</b> 1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
<b>4RB4168</b>	<b>PISTON PIN BUSH</b>	Set of 4.	29.000/1.1417	25.00/.984	F100	4RB4168	
			29.052/1.1438				
<b>RB4168</b> UNB	<b>PISTON PIN BUSH</b>		29.000/1.1417	25.00/.984	F100	RB4168	
			29.052/1.1438				

127 Engine				Year	Cyl	Bore x Stroke	127
AVQ 1896cc Inline4 SOHC 2v Turbo Diesel				02/2003 - 05/2004	L4	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	50.600/1.9921	50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
<b>5M5540A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740	1.98/.078	F817	1644T UL	
		59.700/2.3504	73.200/2.8819				
<b>5C7004</b> STD	<b>CAMS</b> 1,2,3,4,5	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

128 Engine				Year	Cyl	Bore x Stroke	128
BEW 1896cc Inline4 SOHC 2v Turbo Diesel				06/2003 - On	L4	79.5mm x 95.5mm	
BJB 1896cc Inline4 SOHC 2v Turbo Diesel				02/2004 - On	L4	79.5mm x 95.5mm	
BKC 1896cc Inline4 SOHC 2v Turbo Diesel				08/2003 - On	L4	79.5mm x 95.5mm	
BLS 1896cc Inline4 SOHC 2v Turbo Diesel				06/2005 - On	L4	79.5mm x 95.5mm	
BMT 1896cc Inline4 SOHC 2v Turbo Diesel				05/2006 - On	L4	79.5mm x 95.5mm	
BXE 1896cc Inline4 SOHC 2v Turbo Diesel				12/2005 - On	L4	79.5mm x 95.5mm	
BXF 1896cc Inline4 SOHC 2v Turbo Diesel				02/2006 - On	L4	79.5mm x 95.5mm	
BXJ 1896cc Inline4 SOHC 2v Turbo Diesel				06/2006 - On	L4	79.5mm x 95.5mm	
CAYA 1598cc Inline4 DOHC 4v Turbo Diesel				06/2009 - On	L4	79.5mm x 80.5mm	
CAYB 1598cc Inline4 DOHC 4v Turbo Diesel				02/2009 - On	L4	79.5mm x 80.5mm	
CAYC 1598cc Inline4 DOHC 4v Turbo Diesel				02/2009 - On	L4	79.5mm x 80.5mm	
CAYD 1598cc Inline4 DOHC 4v Turbo Diesel				08/2010 - On	L4	79.5mm x 80.5mm	
CAYE 1598cc Inline4 DOHC 4v Turbo Diesel				08/2010 - On	L4	79.5mm x 80.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5537D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
<b>4B5537P</b> STD, .25, .50	<b>CONROD</b>	50.600/1.9921	50.612/1.9926	1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					

128 Continued ...							128
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M5540A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A UL
		53.978/2.1251	59.012/2.3233				
<b>5M5540P</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540 UL
		53.978/2.1251	59.012/2.3233				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

129 Engine	Year	Cyl	Bore x Stroke	129
ALZ 1595cc Inline4 SOHC 2v	10/2000 - 05/2005	L4	81.0mm x 77.4mm	
ANA 1595cc Inline4 SOHC 2v	07/1999 - 08/2000	L4	81.0mm x 77.4mm	
AVU 1595cc Inline4 SOHC 2v	09/2000 - 04/2002	L4	81.0mm x 77.4mm	
AYD 1595cc Inline4 SOHC 2v	06/2000 - On	L4	81.0mm x 77.4mm	
BFQ 1595cc Inline4 SOHC 2v	05/2002 - 06/2006	L4	81.0mm x 77.4mm	
BFS 1595cc Inline4 SOHC 2v	06/2002 - On	L4	81.0mm x 77.4mm	
BGU 1595cc Inline4 SOHC 2v	07/2003 - 07/2007	L4	81.0mm x 77.4mm	
BSE 1595cc Inline4 SOHC 2v	05/2005 - On	L4	81.0mm x 77.4mm	
BSF 1595cc Inline4 SOHC 2v	05/2005 - On	L4	81.0mm x 77.4mm	
CCSA 1598cc Inline4 SOHC 2v	07/2005 - On	L4	76.5mm x 86.9mm	
CMXA 1595cc Inline4 SOHC 2v	05/2010 - On	L4	81.0mm x 77.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5531A</b> STD, .25, .50	<b>CONROD</b>	41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F810	5531A UL
		41.980/1.6528	45.016/1.7723				
<b>4B5531P</b> STD, .25, .50	<b>CONROD</b>	41.965/1.6522	45.000/1.7717	1.507/.0593	19.00/.748	F780	5531 UL
		41.980/1.6528	45.016/1.7723				
<b>5M5533A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	<i>Half groove in all positions.</i>		2.508/.0987	18.50/.728	F810	5533A UL
		47.958/1.8881	53.000/2.0866				
<b>2T5533</b> STD	<b>THRUST</b>	53.500/2.1063	65.550/2.5807		2.48/.097	F817	5533T UL
		53.750/2.1161	65.800/2.5905				

130 Engine	Year	Cyl	Bore x Stroke	130
AGZ 2324cc V5 DOHC 2v	09/1997 - 06/2001	V5	81.0mm x 90.2mm	
AQN 2324cc V5 DOHC 5v	09/2000 - On	V5	81.0mm x 90.2mm	
AZX 2324cc V5 DOHC 4v	01/2001 - 05/2005	V5	81.0mm x 90.2mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B5530A</b> STD, .25, .50	<b>CONROD</b>	53.958/2.1243	56.800/2.2362	1.404/.0553	17.00/.669	F810	5530A IH
		53.978/2.1251	56.819/2.2370				
<b>6M5532A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5,6	59.958/2.3605	65.000/2.5591	2.501/.0985	17.00/.669	F810	5532A UL
		59.978/2.3613	65.010/2.5594				
<b>2T5532</b> STD	<b>THRUST</b>	65.450/2.5768	79.760/3.1402		1.72/.068	F817	5532T U
		65.690/2.5862	80.000/3.1496				
<b>1BS7006</b> UNB	<b>AUX</b>	<i>For Front position only.</i>			15.00/.591	F23	7006
		42.959/1.6913	46.000/1.8110				
<b>1BS7009</b> UNB	<b>AUX</b>	<i>For Rear position only.</i>			20.00/.787	F100	7009
		14.473/.5698	17.500/.6890				
		14.484/.5702	17.518/.6897				





**130 Continued ...** **130**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>							
<b>RB4140</b> UNB			23.000/.9055 23.052/.9076	1.800/.0709	20.00/.787	F100	RB4140

**131 Engine** **131**

Engine	Year	Cyl	Bore x Stroke
AAA 2792cc V6 DOHC 2v	06/1991 - On	V6	81.0mm x 90.3mm
ABV 2861cc V6 DOHC 2v	10/1984 - 12/1997	V6	82.0mm x 90.3mm
AES 2792cc V6 DOHC 2v	01/1996 - 05/2000	V6	81.0mm x 90.3mm
AMV 2792cc V6 DOHC 4v	05/2000 - 09/2003	V6	81.0mm x 90.3mm
AQP 2792cc V6 DOHC 4v	05/1999 - 05/2000	V6	81.0mm x 90.3mm
AUE 2792cc V6 DOHC 4v	01/2000 - 04/2002	V6	81.0mm x 90.3mm
AXJ 3189cc V6 DOHC 4v	10/2000 - 05/2001	V6	84.0mm x 95.9mm
AYL 2792cc V6 DOHC 4v	04/2000 - On	V6	81.0mm x 90.3mm
AYT 3189cc V6 DOHC 4v	05/2002 - 05/2005	V6	84.0mm x 95.9mm
AZZ 3189cc V6 DOHC 4v	11/2002 - 05/2004	V6	84.0mm x 95.9mm
BAA 3189cc V6 DOHC 4v	08/2003 - 05/2004	V6	84.0mm x 95.9mm
BDE 2792cc V6 DOHC 4v	05/2001 - 06/2005	V6	81.0mm x 90.3mm
BDL 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	84.0mm x 95.9mm
BFH 3189cc V6 DOHC 4v	06/2002 - 05/2004	V6	84.0mm x 95.9mm
BKJ 3189cc V6 DOHC 4v	05/2003 - 05/2004	V6	84.0mm x 95.9mm
BKK 3189cc V6 DOHC 4v	02/2004 - 11/2009	V6	84.0mm x 95.9mm
BKL 3189cc V6 DOHC 4v	08/2003 - 10/2008	V6	84.0mm x 95.9mm
BML 3189cc V6 DOHC 4v	10/2003 - 06/2006	V6	84.0mm x 95.9mm
BMV 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	84.0mm x 95.9mm
BMX 3189cc V6 DOHC 4v	05/2004 - 11/2006	V6	84.0mm x 95.9mm
BRJ 3189cc V6 DOHC 4v	05/2004 - 05/2006	V6	84.0mm x 95.9mm
BRK 3189cc V6 DOHC 4v	05/2004 - 10/2008	V6	84.0mm x 95.9mm
BUB 3189cc V6 DOHC 4v	11/2005 - On	V6	84.0mm x 95.9mm
CBRA 3189cc V6 DOHC 4v	05/2007 - On	V6	84.0mm x 95.9mm
CFLA 3189cc V6 DOHC 4v	11/2003 - 11/2009	V6	84.0mm x 95.9mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B5530A</b> STD, .25, .50		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F810	5530A IH
<b>RACE SERIES</b> <b>6B5530H</b> STD, .025, .25	<b>CONROD</b>	53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F781	5530H IH
<b>RACE SERIES</b> <b>6B5530HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.391/.0548	17.00/.669	F781	5530HX IH
<b>MAINS</b>							
<b>7M5532A</b> STD, .25, .50	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F810	5532A UL
<b>RACE SERIES</b> <b>7M5532H</b> STD, .025, .25	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F780	5532H UL
<b>RACE SERIES</b> <b>7M5532HX</b> STD	1,2,3,4,5,6,7	<i>0.001" extra oil clearance on STD journal.</i>		2.488/.0980	17.00/.669	F780	5532HX UL
<b>THRUST</b>							
<b>2T5532</b> STD		65.450/2.5768 65.690/2.5862	79.760/3.1402 80.000/3.1496		1.72/.068	F817	5532T U
<b>AUX</b>							
<b>1B57006</b> UNB		42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006

**131 Continued ...** **131**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>AUX</b> <i>For Rear position only.</i>							
<b>1BS7009</b> UNB		14.473/.5698 14.484/.5702	17.500/.6890 17.518/.6897		20.00/.787	F100	7009
<b>PISTON PIN BUSH</b>							
<b>RB4140</b> UNB			23.000/.9055 23.052/.9076	1.800/.0709	20.00/.787	F100	RB4140

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Engine	Year	Cyl	Bore x Stroke
AXZ 3168cc V6 DOHC 4v	11/2005 - On	V6	89.0mm x 90.9mm
BHK 3597cc V6 DOHC 4v	10/2005 - On	V6	89.0mm x 96.4mm
BLV 3597cc V6 DOHC 4v	05/2004 - On	V6	89.0mm x 96.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>6B5530A</b> STD, .25, .50		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F810	5530A IH
<b>RACE SERIES</b>							
<b>6B5530H</b> STD, .025, .25		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.404/.0553	17.00/.669	F781	5530H IH
<b>RACE SERIES</b>							
<b>6B5530HX</b> STD		53.958/2.1243 53.978/2.1251	56.800/2.2362 56.819/2.2370	1.391/.0548	17.00/.669	F781	5530HX IH
<b>MAINS</b>							
<b>7M5532A</b> STD, .25, .50	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F810	5532A UL
<b>RACE SERIES</b>							
<b>7M5532H</b> STD, .025, .25	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F780	5532H UL
<b>RACE SERIES</b>							
<b>7M5532HX</b> STD	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.488/.0980	17.00/.669	F780	5532HX UL
<b>THRUST</b>							
<b>2T5532</b> STD		65.450/2.5768 65.690/2.5862	79.760/3.1402 80.000/3.1496		1.72/.068	F817	5532T U
<b>PISTON PIN BUSH</b>							
<b>RB4140</b> UNB			23.000/.9055 23.052/.9076	1.800/.0709	20.00/.787	F100	RB4140

**133 Engine** **133**

Engine	Year	Cyl	Bore x Stroke
BWS 3597cc V6 DOHC 4v	04/2007 - On	V6	89.0mm x 96.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<b>7M5532A</b> STD, .25, .50	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F810	5532A UL
<b>RACE SERIES</b>							
<b>7M5532H</b> STD, .025, .25	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.501/.0985	17.00/.669	F780	5532H UL
<b>RACE SERIES</b>							
<b>7M5532HX</b> STD	1,2,3,4,5,6,7	59.958/2.3605 59.978/2.3613	65.000/2.5591 65.010/2.5594	2.488/.0980	17.00/.669	F780	5532HX UL
<b>THRUST</b>							
<b>2T5532</b> STD		65.450/2.5768 65.690/2.5862	79.760/3.1402 80.000/3.1496		1.72/.068	F817	5532T U





134 Engine		Year		Cyl	Bore x Stroke		134	
HT 1781cc Inline4 SOHC 2v		01/1985 - 07/1985		L4	81.0mm x 86.4mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>								
<b>4B1076A</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	1076A	
		47.778/1.8810	50.619/1.9929				IH	
<b>CONROD</b> <i>Has plain shells. Suits until 12/85.</i>								
<b>4B1076P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	1076	
		47.778/1.8810	50.619/1.9929				IH	
<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>								
<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				U	
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F)	
		53.978/2.1251	59.019/2.3236				UL	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
	<b>MAINS</b> <i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							
	<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648
53.978/2.1251			59.019/2.3236				U	
1,2,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644	
		53.978/2.1251	59.019/2.3236				L	
3		53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F)	
		53.978/2.1251	59.019/2.3236				UL	
4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>5M1644A</b> STD, .25, .50, .75, 1.00		1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A
	53.978/2.1251		59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>								
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H	
		53.978/2.1251	59.019/2.3236				L	
<b>MAINS</b> <i>0.001" extra oil clearance on STD journal.</i>								
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				U	
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX	
		53.978/2.1251	59.019/2.3236				L	
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX	
		53.978/2.1251	59.019/2.3236				L	
<b>THRUST</b>								
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T	
		59.700/2.3504	73.200/2.8819				UL	
<b>AUX</b>								
<b>2B57006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 6.5mm oil hole and part groove.</i>								
<b>4RB4170</b> UNB			23.000/.9055		25.00/.984	F100	4RB4170	
			23.052/.9076					

**134 Continued ... 134**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>		23.000/.9055 23.052/.9076	25.00/.984	F100	RB4170
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171

**135 Engine Year Cyl Bore x Stroke 135**

AFZ 999cc Inline4 SOHC 2v	07/1997 - 05/2002	L4	67.1mm x 70.6mm
ASF 999cc Inline4 SOHC 2v	09/1998 - 05/2005	L4	67.1mm x 70.6mm
AT512 999cc Inline4 DOHC 4v Turbo	06/2000 - 05/2002	L4	67.1mm x 70.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>			20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174

**136 Engine Year Cyl Bore x Stroke 136**

AQX 1781cc Inline4 DOHC 5v Turbo	12/1999 - 10/2000	L4	81.0mm x 86.4mm
AYP 1781cc Inline4 DOHC 5v Turbo	09/2000 - 08/2002	L4	81.0mm x 86.4mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B5539D</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 L
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F781	5539D U
<b>4B5539P</b> STD, .25, .50	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	19.00/.748	F780	5539 IH
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171





136 Continued ...							136
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b>		<i>Has 3mm oil hole and full groove.</i>					
<b>RB4171</b> UNB			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171
137 Engine			Year	Cyl	Bore x Stroke	137	
ARR 1390cc Inline4 DOHC 4v			09/2000 - 11/2003	L4	76.5mm x 75.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole and no notch.</i>					
<b>4B1609H</b> STD, .025, .25		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b>		<b>CONROD</b> <i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1609HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b> <i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<b>4RB4174</b> UNB		<b>PISTON PIN BUSH</b> <i>Set of 4.</i>		20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
<b>RB4174</b> UNB		<b>PISTON PIN BUSH</b>		20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174
138 Engine			Year	Cyl	Bore x Stroke	138	
1E 2383cc Inline6 SOHC 2v			08/1988 - 12/1995	L6	76.5mm x 86.4mm		
1G 2383cc Inline6 SOHC 2v Turbo Diesel			08/1988 - 07/1992	L6	76.5mm x 86.4mm		
1S 2383cc Inline6 SOHC 2v Diesel			08/1988 - 12/1995	L6	76.5mm x 86.4mm		
751 2383cc Inline6 SOHC 2v Diesel			09/1983 - 06/1993	L6	76.5mm x 86.4mm		
752 2383cc Inline6 SOHC 2v Turbo Diesel			09/1983 - 06/1993	L6	76.5mm x 86.4mm		
ACL 2383cc Inline6 SOHC 2v Turbo Diesel			08/1991 - 12/1995	L6	76.5mm x 86.4mm		
ACT 2383cc Inline6 SOHC 2v Diesel			08/1992 - 12/1995	L6	76.5mm x 86.4mm		
CP 2383cc Inline6 SOHC 2v Diesel			08/1978 - 11/1982	L6	76.5mm x 86.4mm		
DL 2383cc Inline6 SOHC 2v			08/1982 - 07/1992	L6	76.5mm x 86.4mm		
DV 2383cc Inline6 SOHC 2v Turbo Diesel			12/1982 - 07/1992	L6	76.5mm x 86.4mm		
DW 2383cc Inline6 SOHC 2v Diesel			12/1982 - 07/1992	L6	76.5mm x 86.4mm		
HS 2383cc Inline6 SOHC 2v			01/1983 - 12/1985	L6	76.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B5534A</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
<b>6B5534P</b> STD, .25, .50, .75, 1.00		<b>CONROD</b>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
<b>7M1604A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Requires thrustwashers.</i>					
	1,2,3,4,5,6,7	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
<b>7M1604P</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Requires thrustwashers.</i>					
	1,2,3,4,5,6,7	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
<b>7M1605A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>Set contains flanged thrust bearing.</i>					
	1,2,3,5,6,7	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	4	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL

138 Continued ...							138
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Set contains flanged thrust bearing.</i>					
<b>7M1605P</b> STD, .25, .50, .75, 1.00	1,2,3,5,6,7	57.958/2.2818	63.000/2.4803	2.502/.0985	18.50/.728	F780	1604 UL
		57.978/2.2826	63.019/2.4811				
	4	57.958/2.2818	63.000/2.4803	2.500/.0984	24.93/.981	F780	1605(F) UL
		57.978/2.2826	63.019/2.4811				
<b>THRUST</b>							
<b>2T1604</b> STD		63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T UL
		63.750/2.5098	77.450/3.0492				
<b>THRUST</b>							
<b>2T1614</b> STD		63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T UL
		63.750/2.5098	77.200/3.0394				
<b>PISTON PIN BUSH</b>		<i>Set of 6.</i>					
<b>6RB4172</b> UNB			27.000/1.0630		25.00/.984	F100	6RB4172
			27.021/1.0638				
<b>PISTON PIN BUSH</b>							
<b>RB4172</b> UNB			27.000/1.0630		25.00/.984	F100	RB4172
			27.021/1.0638				

139 Engine				Year	Cyl	Bore x Stroke	139
ANY 1191cc Inline3 SOHC 2v Turbo Diesel				06/1999 - 11/2000	L3	76.5mm x 86.4mm	
AYZ 1191cc Inline3 SOHC 2v Turbo Diesel				11/2000 - 07/2005	L3	76.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
<b>CONROD</b>							
<b>3B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					
<b>CAMS</b>							
<b>4C7004</b> STD	1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
<b>AUX</b>		<i>Rocker Arm Bush</i>					
<b>1BS7010</b> UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				
<b>AUX</b>		<i>Rocker Arm Bush</i>					
<b>1BS7011</b> UNB		31.984/1.2592	35.000/1.3780		22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				

140 Engine				Year	Cyl	Bore x Stroke	140
AMF 1422cc Inline3 SOHC 2v Turbo Diesel				05/1999 - 07/2006	L3	79.5mm x 95.5mm	
ATL 1422cc Inline3 SOHC 2v Turbo Diesel				01/2000 - 04/2000	L3	79.5mm x 95.5mm	
BAY 1422cc Inline3 SOHC 2v Turbo Diesel				11/2001 - 07/2006	L3	79.5mm x 95.5mm	
BMS 1422cc Inline3 SOHC 2v Turbo Diesel				04/2005 - 11/2009	L3	79.5mm x 95.5mm	
BNM 1422cc Inline3 SOHC 2v Turbo Diesel				04/2005 - On	L4	79.5mm x 95.5mm	
BNV 1422cc Inline3 SOHC 2v Turbo Diesel				04/2005 - 11/2009	L3	79.5mm x 95.5mm	
BWB 1422cc Inline3 SOHC 2v Turbo Diesel				05/2006 - On	L3	79.5mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537 L
		47.778/1.8810	50.612/1.9926				
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D U
		47.778/1.8810	50.612/1.9926				
<b>CONROD</b>							
<b>3B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537 IH
		47.778/1.8810					





140 Continued ...							140
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4M5552A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	5552A UL
		53.978/2.1251	59.019/2.3236				
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				
<b>4C7004</b> STD	<b>CAMS</b> 1,2,3,4	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				
<b>1BS7010</b> UNB	<b>AUX</b>	<i>Rocker Arm Bush</i>			22.00/.866	F810	7010
		31.984/1.2592	35.000/1.3780				
<b>1BS7011</b> UNB	<b>AUX</b>	<i>Rocker Arm Bush</i>			22.00/.866	F810	7010
		32.000/1.2598	35.025/1.3789				

141 Engine				Year	Cyl	Bore x Stroke	141	
ANM 1390cc Inline4 DOHC 4v				05/1999 - 05/2000	L4	76.5mm x 75.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>						
		47.758/1.8802	50.600/1.9921	1.405/.0553	18.50/.728	F810	1615A IH	
47.778/1.8810	50.619/1.9929							
<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
			41.975/1.6526	45.025/1.7726				

142 Engine				Year	Cyl	Bore x Stroke	142
EN 1716cc Inline4 SOHC 2v				08/1980 - 07/1984	L4	79.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
47.778/1.8810	50.619/1.9929						
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
47.778/1.8810	50.619/1.9929						
<b>4B5534A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606A.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F810	5534A IH
47.778/1.8810	50.619/1.9929						
<b>4B5534P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>No Hole. To be superceded by 4B1606P.</i>					
		47.758/1.8802	50.600/1.9921	1.406/.0554	19.00/.748	F780	5534 IH
47.778/1.8810	50.619/1.9929						
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	53.958/2.1243	59.000/2.3228	2.502/.0985				
	53.978/2.1251	59.019/2.3236					
	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>					
53.958/2.1243		59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
53.978/2.1251		59.019/2.3236					
53.958/2.1243	59.000/2.3228	2.502/.0985					18.50/.728
53.978/2.1251	59.019/2.3236						
<b>2T1644</b> STD	<b>THRUST</b>		59.500/2.3425	73.000/2.8740		1.98/.078	
		59.700/2.3504	73.200/2.8819				

# Volkswagen



**142 Continued ... 142**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CAMS</b>							
<b>5C7008</b> STD	1,2,3,4,5	25.939/1.0212	28.250/1.1122	1.138/.0448	17.00/.669	F820	7008
		25.960/1.0220	28.271/1.1130				

**143 Engine 143**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>Year Cyl Bore x Stroke</b>							
FB 1471cc Inline4 SOHC 2v				02/1974 - 04/1974	L4	76.5mm x 80.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>CONROD</b>							
<i>Has plain shells.</i>							
<b>4B1636A</b> STD, .25, .50, .75, 1.00		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F810	1636A IH
		45.970/1.8098	49.016/1.9298				

<b>CONROD</b>							
<i>Has plain shells.</i>							
<b>4B1636P</b> STD, .25, .50, .75, 1.00, 1.50		45.950/1.8091	49.000/1.9291	1.506/.0593	19.00/.748	F780	1636 IH
		45.970/1.8098	49.016/1.9298				

<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							

<b>5M1643A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1643A(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				

<b>MAINS</b>							
<i>Full groove on # 4 position only. Overwidth flange on undersize. Std = Std, .25/.50/.75/1.00 = Std + .10mm.</i>							

<b>5M1643P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1643(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 L
		53.978/2.1251	59.019/2.3236				

<b>MAINS</b>							
<i>Mexico Version. Full groove on # 4 position only. Overwidth flanges on undersizes. Std = 24.93mm, 0.25-1.00 = 25.23mm.</i>							

<b>5M1645A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	1,2,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1645A(F) UL
		53.978/2.1251	59.019/2.3236				
	4	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
		53.978/2.1251	59.019/2.3236				

<b>MAINS</b>							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							

<b>5M1654A</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F810	1654A(F) UL
		53.978/2.1251	59.019/2.3236				

<b>MAINS</b>							
<i>Half Groove Set. Overwidth flanges for undersizes. Std = Std, Undersizes=Std+.10mm.</i>							

<b>5M1654P</b> STD, .25, .50, .75, 1.00	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L
		53.978/2.1251	59.019/2.3236				
	1,2,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U
		53.978/2.1251	59.019/2.3236				
	3	53.958/2.1243	59.000/2.3228	2.502/.0985	24.93/.982	F780	1654(F) UL
		53.978/2.1251	59.019/2.3236				





143 Continued ...							143
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5C7008</b> STD	<b>CAMS</b>						
	1,2,3,4,5	25.939/1.0212 25.960/1.0220	28.250/1.1122 28.271/1.1130	1.138/.0448	17.00/.669	F820	7008
<b>2B57006</b> UNB	<b>AUX</b>						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007

144 Engine				Year	Cyl	Bore x Stroke	144
AER 999cc Inline4 SOHC 2v				07/1996 - 05/2000	L4	67.1mm x 70.6mm	
ALL 999cc Inline4 SOHC 2v				08/1997 - 05/2000	L4	67.1mm x 70.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5555A</b> STD, .25, .50	<b>CONROD</b>						
		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.012/1.7721	1.505/.0593	18.50/.728	F810	5555A IH
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>						
	1,2,3,4,5	53.963/2.1245 53.978/2.1251	59.007/2.3231 59.019/2.3236	2.512/.0989	17.00/.669	F810	5543A UL
<b>2T1644</b> STD	<b>THRUST</b>						
		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>2T5535</b> STD	<b>THRUST</b>						
		59.500/2.3425 59.750/2.3524	71.550/2.8169 71.800/2.8268		2.48/.097	F817	5535T UL
<b>2B57006</b> UNB	<b>AUX</b>						
	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007
<b>4RB4169</b> UNB	<b>PISTON PIN BUSH</b>		Set of 4.				
				23.000/.9055 23.025/.9065	24.00/.945	F100	4RB4169
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>		Set of 4.				
				20.000/.7874 20.033/.7887	20.50/.807	F100	4RB4174
<b>4RB4176</b> UNB	<b>PISTON PIN BUSH</b>		Set of 4.				
				20.000/.7874 20.052/.7894	20.30/.799	F100	4RB4176
<b>RB4169</b> UNB	<b>PISTON PIN BUSH</b>						
				23.000/.9055 23.025/.9065	24.00/.945	F100	RB4169
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>						
				20.000/.7874 20.033/.7887	20.50/.807	F100	RB4174
<b>RB4176</b> UNB	<b>PISTON PIN BUSH</b>						
				20.000/.7874 20.052/.7894	20.30/.799	F100	RB4176

145 Engine				Year	Cyl	Bore x Stroke	145
AHT 999cc Inline4 SOHC 2v				10/1998 - 05/2000	L4	67.1mm x 70.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5555A</b> STD, .25, .50	<b>CONROD</b>						
		41.965/1.6522 41.980/1.6528	45.000/1.7717 45.012/1.7721	1.505/.0593	18.50/.728	F810	5555A IH

**145 Continued ... 145**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3M5556A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3	59.971/2.3611	65.000/2.5591	2.495/.0982	24.00/.945	F810	5556A UL
		59.990/2.3618	65.016/2.5597				
<b>4RB4176</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.	20.000/.7874	20.052/.7894	20.30/.799	F100	4RB4176
			20.052/.7894				
<b>RB4176</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.	20.000/.7874	20.052/.7894	20.30/.799	F100	RB4176
			20.052/.7894				

**146 Engine Year Cyl Bore x Stroke 146**

ALD 999cc Inline4 SOHC 2v	05/1999 - 07/2005	L4	67.1mm x 70.6mm
ANV 999cc Inline4 SOHC 2v	05/1999 - 05/2000	L4	67.1mm x 70.6mm
ATE 999cc Inline4 SOHC 2v	06/2000 - On	L4	67.1mm x 70.6mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B5555A</b> STD, .25, .50	<b>CONROD</b>	41.965/1.6522	45.000/1.7717	1.505/.0593	18.50/.728	F810	5555A IH	
		41.980/1.6528	45.012/1.7721					
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL	
		53.978/2.1251	59.019/2.3236					
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740	59.700/2.3504	73.200/2.8819	1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819					
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425	71.550/2.8169	59.750/2.3524	71.800/2.8268	2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268					
<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110	46.025/1.8120	15.00/.591	F23	7006
			41.959/1.6519					
		2	41.975/1.6526	45.025/1.7726				
<b>4RB4169</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.	23.000/.9055	23.025/.9065	24.00/.945	F100	4RB4169	
			23.025/.9065					
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.	20.000/.7874	20.033/.7887	20.50/.807	F100	4RB4174	
			20.033/.7887					
<b>RB4169</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.	23.000/.9055	23.025/.9065	24.00/.945	F100	RB4169	
			23.025/.9065					
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>	Set of 4.	20.000/.7874	20.033/.7887	20.50/.807	F100	RB4174	
			20.033/.7887					

**147 Engine Year Cyl Bore x Stroke 147**

AUC 999cc Inline4 SOHC 2v	10/1999 - 07/2005	L4	67.1mm x 70.6mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
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<b>4B5555A</b> STD, .25, .50	<b>CONROD</b>	41.965/1.6522	45.000/1.7717	1.505/.0593	18.50/.728	F810	5555A IH	
		41.980/1.6528	45.012/1.7721					
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL	
		53.978/2.1251	59.019/2.3236					
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740	59.700/2.3504	73.200/2.8819	1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819					



147 Continued ...							147
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>THRUST</b>							
<b>2T5535</b> STD		59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T
		59.750/2.3524	71.800/2.8268				UL
<b>AUX</b>							
<b>2BS7006</b> UNB	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006
		42.975/1.6919	46.025/1.8120				
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007
		41.975/1.6526	45.025/1.7726				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4169</b> UNB			23.000/.9055		24.00/.945	F100	4RB4169
			23.025/.9065				
<b>PISTON PIN BUSH</b> <i>Set of 4. Has 3mm oil hole and full groove.</i>							
<b>4RB4171</b> UNB			23.000/.9055		25.00/.984	F100	4RB4171
			23.021/.9063				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4174</b> UNB			20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
<b>PISTON PIN BUSH</b>							
<b>RB4169</b> UNB			23.000/.9055		24.00/.945	F100	RB4169
			23.025/.9065				
<b>PISTON PIN BUSH</b> <i>Has 3mm oil hole and full groove.</i>							
<b>RB4171</b> UNB			23.000/.9055		25.00/.984	F100	RB4171
			23.021/.9063				
<b>PISTON PIN BUSH</b>							
<b>RB4174</b> UNB			20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				

148 Engine				Year	Cyl	Bore x Stroke	148
CKTB 1968cc Inline4 Turbo Diesel				05/2011 - On	L4	81.0mm x 95.5mm	
CKUB 1968cc Inline4 DOHC 4v Twin Turbo Diesel				10/2011 - On	L4	81.0mm x 95.5mm	
CKUB 1968cc Inline4 Turbo Diesel				07/2011 - On	L4	81.0mm x 95.5mm	
CKUC 1968cc Inline4 Turbo Diesel				10/2011 - On	L4	81.0mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>							
<b>5M5540A</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F810	5540A
		53.978/2.1251	59.012/2.3233				UL
<b>MAINS</b>							
<b>5M5540P</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.501/.0985	18.50/.728	F780	5540
		53.978/2.1251	59.012/2.3233				UL
<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T
		59.700/2.3504	73.200/2.8819				UL

149 Engine				Year	Cyl	Bore x Stroke	149
AXD 2461cc Inline5 SOHC 2v Turbo Diesel				04/2003 - On	L5	81.0mm x 95.5mm	
AXE 2461cc Inline5 SOHC 2v Turbo Diesel				04/2003 - On	L5	81.0mm x 95.5mm	
BAC 2461cc Inline5 SOHC 2v Turbo Diesel				01/2003 - 11/2006	L5	81.0mm x 95.5mm	
BLJ 2461cc Inline5 SOHC 2v Turbo Diesel				11/2003 - 11/2009	L5	81.0mm x 95.5mm	
BLK 2461cc Inline5 SOHC 2v Turbo Diesel				07/2003 - 11/2006	L5	81.0mm x 95.5mm	
BNZ 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - 11/2009	L5	81.0mm x 95.5mm	
BPC 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - 11/2009	L5	81.0mm x 95.5mm	
BPD 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - On	L5	81.0mm x 95.5mm	
BPE 2461cc Inline5 SOHC 2v Turbo Diesel				01/2006 - On	L5	81.0mm x 95.5mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>5B5538D</b> STD, .25, .50		50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538
		50.878/2.0031	53.712/2.1146				L



149 Continued ...							149
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B5538D</b> STD, .25, .50	<b>CONROD</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F781	5538D U
		50.878/2.0031	53.712/2.1146				
<b>5B5538P</b> STD, .25, .50	<b>MAINS</b>	50.858/2.0023	53.700/2.1142	1.404/.0553	20.40/.803	F780	5538 IH
		50.878/2.0031	53.712/2.1146				
<b>6M5558P</b> STD, .25	1,2,3,4,5,6	57.963/2.2820	64.000/2.5197	3.003/.1182	18.50/.728	F780	5558 UL
		57.978/2.2826	64.010/2.5201				
<b>5C7004</b> STD	<b>CAMS</b>	28.947/1.1396	32.000/1.2598	1.513/.0596	25.00/.984	F780	7004
		28.960/1.1402	32.025/1.2608				

150 Engine				Year	Cyl	Bore x Stroke	150
CNKA 1598cc Inline4 DOHC 4v				01/2011 - On	L4	76.5mm x 86.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
<b>2T5535</b> STD	<b>THRUST</b>	59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T UL
		59.750/2.3524	71.800/2.8268				

151 Engine				Year	Cyl	Bore x Stroke	151
CAVA 1390cc Inline4 DOHC 4v Turbo				05/2008 - On	L4	76.5mm x 75.6mm	
CAVE 1390cc Inline4 DOHC 4v Turbo				05/2010 - 05/2012	L4	76.5mm x 75.6mm	
CAXA 1390cc Inline4 DOHC 4v Turbo				05/2007 - On	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL
		53.978/2.1251	59.019/2.3236				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				

152 Engine				Year	Cyl	Bore x Stroke	152
CNWA 1390cc Inline4 DOHC 4v Turbo				07/2008 - On	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A IH
		47.778/1.8810	50.612/1.9926				
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
		59.700/2.3504	73.200/2.8819				





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153 Engine		Year	Cyl	Bore x Stroke	153				
CGGA 1390cc Inline4 DOHC 4v		10/2008 - On	L4	76.5mm x 75.6mm					
CGGB 1390cc Inline4 DOHC 4v		06/2009 - On	L4	76.5mm x 75.6mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>4B5542A</b> STD, .25, .50, .75		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5542A		
		47.778/1.8810	50.612/1.9926				IH		
154 Engine		Year	Cyl	Bore x Stroke	154				
CFWA 1199cc Inline3 DOHC 4v Turbo Diesel		10/2009 - On	L3	79.5mm x 80.5mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>3B5537D</b> STD, .25, .50		47.758/1.8802	50.600/1.9921	1.403/.0552	20.00/.787	F780	5537		
		47.778/1.8810	50.612/1.9926				L		
		47.758/1.8802	50.600/1.9921	1.404/.0553	20.00/.787	F781	5537D		
		47.778/1.8810	50.612/1.9926				U		
<b>CONROD</b>									
<b>3B5537P</b> STD, .25, .50		50.600/1.9921		1.403/.0552	20.00/.787	F780	5537		
		47.778/1.8810					IH		
<b>THRUST</b>									
<b>2T5535</b> STD		59.500/2.3425	71.550/2.8169		2.48/.097	F817	5535T		
		59.750/2.3524	71.800/2.8268				UL		
155 Engine		Year	Cyl	Bore x Stroke	155				
1H 1781cc Inline4 SOHC 2v Turbo		08/1988 - 07/1989	L4	81.0mm x 86.4mm					
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>CONROD</b>									
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F810	1606A		
		47.758/1.8802	50.600/1.9921				IH		
<b>RACE SERIES</b>		<i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H		
		47.778/1.8810	50.619/1.9929				IH		
<b>RACE SERIES</b>		<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX		
		47.778/1.8810	50.619/1.9929				IH		
<b>CONROD</b>									
<b>4B1606P</b> STD, .25, .50, .75, 1.00		<i>Has one oil hole.</i>		1.405/.0553	19.00/.748	F780	1606		
		47.758/1.8802	50.600/1.9921				IH		
<b>2T1604</b> STD		63.500/2.5000	77.200/3.0394		1.98/.078	F817	1604T		
		63.750/2.5098	77.450/3.0492				UL		
<b>THRUST</b>									
<b>2T1614</b> STD		63.500/2.5000	76.950/3.0295		1.98/.078	F817	1614T		
		63.750/2.5098	77.200/3.0394				UL		

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156	Engine	Year	Cyl	Bore x Stroke	156
	BJJ 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	BJK 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	BJL 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	BJM 2461cc Inline5 SOHC 2v Turbo Diesel	04/2006 - On	L5	81.0mm x 95.5mm	
	CEBA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	
	CEBB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	
	CECA 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	
	CECB 2461cc Inline5 Turbo Diesel	05/2009 - On	L5	81.0mm x 95.5mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>5B5538D</b> STD, .25, .50		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 L
		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F781	5538D U
	<b>CONROD</b>						
<b>5B5538P</b> STD, .25, .50		50.858/2.0023 50.878/2.0031	53.700/2.1142 53.712/2.1146	1.404/.0553	20.40/.803	F780	5538 IH
	<b>MAINS</b>	<i>Requires thrustwashers.</i>					
<b>6M1604A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F810	1604A UL
	<b>MAINS</b>	<i>Requires thrustwashers.</i>					
<b>6M1604P</b> STD, .25, .50, .75, 1.00	1,2,3,4,5,6	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.502/.0985	18.50/.728	F780	1604 UL
	<b>THRUST</b>						
<b>2T1604</b> STD		63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
	<b>THRUST</b>						
<b>2T1614</b> STD		63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL

157	Engine	Year	Cyl	Bore x Stroke	157
	ACK 2771cc V6 DOHC 5v	05/1997 - 12/1998	V6	82.5mm x 86.4mm	
	AGE 2771cc V6 DOHC 5v	05/1997 - 09/1999	V6	82.5mm x 86.4mm	
	ALG 2771cc V6 DOHC 5v	06/1997 - 12/1998	V6	82.5mm x 86.4mm	
	AMX 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	82.5mm x 86.4mm	
	APR 2771cc V6 DOHC 5v	01/1999 - 02/2001	V6	82.5mm x 86.4mm	
	AQD 2771cc V6 DOHC 5v	01/1999 - 08/2000	V6	82.5mm x 86.4mm	
	ATQ 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	82.5mm x 86.4mm	
	ATX 2771cc V6 DOHC 5v	09/1999 - 08/2000	V6	82.5mm x 86.4mm	
	BBG 2771cc V6 DOHC 5v	10/2000 - 05/2005	V6	82.5mm x 86.4mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
	<b>CONROD</b>						
<b>6B5546A</b> STD, .25, .50		49.978/1.9676 49.958/1.9668	53.216/2.0951 53.200/2.0945	1.606/.0632	17.00/.669	F810	5546A IH
	<b>CONROD</b>						
<b>6B5546P</b> STD, .25, .50		53.958/2.1243 53.978/2.1251	57.600/2.2677 57.612/2.2682	1.806/.0711	17.00/.669	F780	5546 IH
	<b>MAINS</b>	<i>Bearings have 4 slots.</i>					
<b>4M5547P</b> STD, .25, .50	1,2,3,4	64.459/2.5378 64.478/2.5385	70.000/2.7559 70.019/2.7566	2.758/.1086	18.50/.728	F780	5547 UL
	<b>MAINS</b>	<i>Bearings have one oil hole.</i>					
<b>4M5548P</b> STD, .25, .50	1,2,3,4	64.959/2.5574 64.978/2.5582	70.000/2.7559 70.019/2.7566	2.508/.0987	18.50/.728	F780	5548 UL
	<b>THRUST</b>						
<b>2T5547</b> STD		70.500/2.7756 70.750/2.7854	84.650/3.3327 84.900/3.3425		1.97/.077	F817	5547T UL





157 Continued ...							157
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>PISTON PIN BUSH</b> <i>Set of 6.</i>							
<b>6RB4175</b> UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	6RB4175
		21.000/.8268	23.021/.9063				
<b>PISTON PIN BUSH</b>							
<b>RB4175</b> UNB		20.995/.8266	23.000/.9055		22.00/.866	F100	RB4175
		21.000/.8268	23.021/.9063				
158 Engine				Year	Cyl	Bore x Stroke	158
AWY 1198cc Inline3 SOHC 2v				01/2002 - 05/2004	L3	76.5mm x 86.9mm	
AZQ 1198cc Inline3 DOHC 4v				11/2001 - 05/2004	L3	76.5mm x 86.9mm	
BBM 1198cc Inline3 SOHC 2v				05/2007 - On	L3	76.5mm x 86.9mm	
BMD 1198cc Inline3 SOHC 2v				05/2004 - On	L3	76.5mm x 86.9mm	
BME 1198cc Inline3 DOHC 4v				11/2004 - 07/2007	L3	76.5mm x 86.9mm	
BZG 1198cc Inline3 DOHC 4v				05/2007 - On	L3	76.5mm x 86.9mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>3B5560A</b> STD, .25, .50, .75, 1.00		41.975/1.6526	45.000/1.7717	1.500/.0591	15.00/.591	F810	5560A IH
		41.990/1.6531	45.012/1.7721				
159 Engine				Year	Cyl	Bore x Stroke	159
BKG 1390cc Inline4 DOHC 4v				10/2003 - 12/2004	L4	76.5mm x 75.6mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B5544P</b> STD, .25, .50, .75, 1.00		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F780	5544 U
		47.778/1.8810	50.612/1.9926				
		47.763/1.8804	50.600/1.9921	1.406/.0554	17.20/.677	F810	5544A L
		47.778/1.8810	50.612/1.9926				
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4174</b> UNB			20.000/.7874		20.50/.807	F100	4RB4174
			20.033/.7887				
<b>PISTON PIN BUSH</b>							
<b>RB4174</b> UNB			20.000/.7874		20.50/.807	F100	RB4174
			20.033/.7887				
160 Engine				Year	Cyl	Bore x Stroke	160
BHY 1984cc Inline4 SOHC 2v				09/2004 - 11/2008	L4	82.5mm x 92.8mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
		47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>							
<b>4B1606HX</b> STD		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
		47.778/1.8810	50.619/1.9929				
<b>CONROD</b> <i>Has one oil hole.</i>							
<b>4B1606P</b> STD, .25, .50, .75, 1.00		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
		47.778/1.8810	50.619/1.9929				
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>							
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U
		53.978/2.1251	59.019/2.3236				
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L
		53.978/2.1251	59.019/2.3236				

**160 Continued ... 160**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL
<b>4RB4178</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		21.000/.8268 20.021/.7882	25.00/.984	F100	4RB4178
<b>RB4178</b> UNB	<b>PISTON PIN BUSH</b>		21.000/.8268 21.021/.8276		25.00/.984	F100	RB4178

**161 Engine Year Cyl Bore x Stroke 161**  
BEF 1984cc Inline4 SOHC 2v 04/2002 - On L4 82.5mm x 92.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
		1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L	
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL		
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171	
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171	

**162 Engine Year Cyl Bore x Stroke 162**  
CKJA 1968cc Inline4 SOHC 2v 10/2010 - On L4 82.5mm x 92.8mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
			47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L	





162 Continued ...							162	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>MAINS</b> <i>Half Groove Set. Requires thrustwashers.</i>								
<b>5M1668A</b> STD, .25, .50, .75	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L	
	1,2,3,4,5	53.978/2.1251	59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U	
<b>2T1644</b> STD			59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL
			59.700/2.3504	73.200/2.8819				
<b>4RB4178</b> UNB	<b>PISTON PIN BUSH</b> <i>Set of 4.</i>			21.000/.8268		25.00/.984	F100	4RB4178
				20.021/.7882				
<b>RB4178</b> UNB	<b>PISTON PIN BUSH</b>			21.000/.8268		25.00/.984	F100	RB4178
				21.021/.8276				

163 Engine				Year	Cyl	Bore x Stroke	163	
AHA 2771cc V6 DOHC 5v				01/1994 - 12/1999	V6	82.5mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>6B5568A</b> STD, .25, .50	<b>CONROD</b>		53.957/2.1243	57.600/2.2677	1.806/.0711	17.00/.669	F810	5568A IH
			53.978/2.1251	57.612/2.2682				
<b>7M5569A</b> STD, .25, .50	<b>MAINS</b>		64.958/2.5574	70.000/2.7559	2.507/.0987	18.00/.709	F810	5569A UL
	1,2,3,4,5,6,7		64.978/2.5582	70.020/2.7567				
<b>2T5569</b> STD	<b>THRUST</b>					1.97/.077	F817	5569T

164 Engine				Year	Cyl	Bore x Stroke	164	
ADZ 1781cc Inline4 SOHC 2v				08/1994 - 10/2000	L4	81.0mm x 86.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b> <i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
			47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b> <i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
			47.778/1.8810	50.619/1.9929				
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b> <i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
			47.778/1.8810	50.619/1.9929				
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b> <i>Has one oil hole.</i>		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
			47.778/1.8810	50.619/1.9929				
<b>5M1644A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A U
	1,2,3,4,5		53.978/2.1251	59.019/2.3236				
	1,2,3,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F810	1644A L
	4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F810	1648A L
			53.978/2.1251	59.019/2.3236				
			53.978/2.1251	59.019/2.3236				
<b>RACE SERIES</b> <b>5M1644H</b> STD, .25, .50	<b>MAINS</b> <i>Full groove on # 4 position only. Requires thrustwashers.</i>		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H U
	1,2,3,4,5		53.978/2.1251	59.019/2.3236				
	1,2,3,5		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644H L
	4		53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1648H L
			53.978/2.1251	59.019/2.3236				
			53.978/2.1251	59.019/2.3236				

# Volkswagen



164 Continued ...								164
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX U	
		53.978/2.1251	59.019/2.3236					
	1,2,3,5	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1644HX L	
		53.978/2.1251	59.019/2.3236					
	4	53.958/2.1243	59.000/2.3228	2.489/.0980	18.49/.728	F780	1648HX L	
53.978/2.1251			59.019/2.3236					
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b>	<i>Half Groove Set. Requires thrustwashers.</i>						
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1669A L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.508/.0987	18.49/.728	F810	1668A U	
		53.978/2.1251	59.019/2.3236					
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
<b>2BS7006</b> UNB	<b>AUX</b>	1	42.959/1.6913	46.000/1.8110	15.00/.591	F23	7006	
			42.975/1.6919	46.025/1.8120				
		2	41.959/1.6519	45.000/1.7717	15.00/.591	F23	7007	
			41.975/1.6526	45.025/1.7726				
<b>4RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	4RB4170	
			23.000/.9055					
			23.052/.9076					
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>			25.00/.984	F100	4RB4171	
			23.000/.9055					
			23.021/.9063					
<b>RB4170</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 6.5mm oil hole and part groove.</i>			25.00/.984	F100	RB4170	
			23.000/.9055					
			23.052/.9076					
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>			25.00/.984	F100	RB4171	
			23.000/.9055					
			23.021/.9063					

165 Engine		Year		Cyl	Bore x Stroke	165	
2E 1984cc Inline4 SOHC 2v		01/1990 - 07/1996		L4	82.5mm x 92.8mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b> <b>4B1606H</b> STD, .025, .25, .50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b> <b>4B1606HX</b> STD	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1606HX IH
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1606 IH
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>					
		47.758/1.8802	50.600/1.9921	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>					
		47.758/1.8802	50.600/1.9921	1.405/.0553	19.00/.748	F780	1609 U
			50.619/1.9929				
			50.619/1.9929				





165 Continued ...								165
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>4B1609P</b> STD, .25, .50, .75, 1.00		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L	
	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644A</b> STD, .25, .50, .75, 1.00	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>Full groove on # 4 position only. Requires thrustwashers.</i>						
<b>5M1644H</b> STD, .25, .50	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644H L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1648H L	
<b>RACE SERIES</b>	<b>MAINS</b>	<i>0.001" extra oil clearance on STD journal.</i>						
<b>5M1644HX</b> STD	1,2,3,4,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX U	
	1,2,3,5	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1644HX L	
	4	53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.489/.0980	18.49/.728	F780	1648HX L	
	<b>THRUST</b>							
<b>2T1644</b> STD		59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819		1.98/.078	F817	1644T UL	
	<b>AUX</b>							
<b>2B57006</b> UNB	1	42.959/1.6913 42.975/1.6919	46.000/1.8110 46.025/1.8120		15.00/.591	F23	7006	
	2	41.959/1.6519 41.975/1.6526	45.000/1.7717 45.025/1.7726		15.00/.591	F23	7007	
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4171	
<b>4RB4173</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	4RB4173	
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>		23.000/.9055 23.021/.9063	25.00/.984	F100	RB4171	
<b>RB4173</b> UNB	<b>PISTON PIN BUSH</b>			23.000/.9055 23.021/.9063	25.00/.984	F100	RB4173	

166 Engine		Year		Cyl	Bore x Stroke		166
AKL 1595cc Inline4 SOHC 2v		10/1997 - 05/2005		L4	81.0mm x 77.4mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B1606A</b> STD, .25, .50, .75, 1.00, 1.50	<b>CONROD</b>	<i>Has one oil hole.</i>					
		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1606A IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole.</i>					
<b>4B1606H</b> STD, .025, .25, .50		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1606H IH
<b>RACE SERIES</b>	<b>CONROD</b>	<i>Has one oil hole. 0.001" extra oil clearance on STD journal.</i>					
<b>4B1606HX</b> STD		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1606HX IH

166 Continued ...							166		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1606P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1606 IH
<b>RACE SERIES</b> <b>4B1609H</b> STD, .025, .25	<b>CONROD</b>	<i>Has one oil hole and no notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F781	1609H IH
<b>RACE SERIES</b> <b>4B1609HX</b> STD	<b>CONROD</b>	<i>Has one oil hole and no notch. 0.001" extra oil clearance on STD journal.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.392/.0548	19.00/.748	F781	1609HX IH
<b>4B1609P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	<i>Has one oil hole and no notch. Set consists of F780 upper and F810 lower.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F780	1609 U
				47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	19.00/.748	F810	1609A L
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F780	1644 L
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F780	1648 U
<b>5M1668A</b> STD, .25, .50, .75	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1668A U
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.508/.0987	18.49/.728	F810	1669A L
<b>2T1644</b> STD	<b>THRUST</b>	59.500/2.3425 59.700/2.3504	73.000/2.8740 73.200/2.8819				1.98/.078	F817	1644T UL
<b>4RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4. Has 3mm oil hole and full groove.</i>			23.000/.9055 23.021/.9063		25.00/.984	F100	4RB4171
<b>RB4171</b> UNB	<b>PISTON PIN BUSH</b>	<i>Has 3mm oil hole and full groove.</i>			23.000/.9055 23.021/.9063		25.00/.984	F100	RB4171

167 Engine		Year		Cyl	Bore x Stroke		167		
AEE 1598cc Inline4 SOHC 2v		07/1995 - 12/2000		L4	76.5mm x 86.9mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.		
<b>4B1615A</b> STD, .25, .50, .75	<b>CONROD</b>	<i>Bearing has no locating notch.</i>		47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.405/.0553	18.50/.728	F810	1615A IH
<b>4B5542A</b> STD, .25, .50, .75	<b>CONROD</b>	47.763/1.8804 47.778/1.8810	50.600/1.9921 50.612/1.9926	1.406/.0554	17.20/.677	F810	5542A IH		
<b>5M1648A</b> STD, .25, .50, .75, 1.00, 1.25	<b>MAINS</b>	<i>Full Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A IH
<b>5M1653A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5	<i>Half Groove Set. Requires thrustwashers.</i>		53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.49/.728	F810	1644A L
	1,2,3,4,5			53.958/2.1243 53.978/2.1251	59.000/2.3228 59.019/2.3236	2.502/.0985	18.50/.728	F810	1648A U





167 Continued ...								167
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>5M1653P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b>		<i>Half Groove Set. Requires thrustwashers.</i>					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.49/.728	F780	1644 L	
		53.978/2.1251	59.019/2.3236					
	1,2,3,4,5	53.958/2.1243	59.000/2.3228	2.502/.0985	18.50/.728	F780	1648 U	
		53.978/2.1251	59.019/2.3236					
<b>5M5543A</b> STD, .25, .50	<b>MAINS</b>							
	1,2,3,4,5	53.963/2.1245	59.007/2.3231	2.512/.0989	17.00/.669	F810	5543A UL	
<b>2T1644</b> STD	<b>THRUST</b>							
		59.500/2.3425	73.000/2.8740		1.98/.078	F817	1644T UL	
<b>2BS7006</b> UNB	<b>AUX</b>							
	1	42.959/1.6913	46.000/1.8110		15.00/.591	F23	7006	
		42.975/1.6919	46.025/1.8120					
	2	41.959/1.6519	45.000/1.7717		15.00/.591	F23	7007	
		41.975/1.6526	45.025/1.7726					
<b>4RB4174</b> UNB	<b>PISTON PIN BUSH</b>		<i>Set of 4.</i>					
			20.000/.7874		20.50/.807	F100	4RB4174	
			20.033/.7887					
<b>RB4174</b> UNB	<b>PISTON PIN BUSH</b>							
			20.000/.7874		20.50/.807	F100	RB4174	
			20.033/.7887					

ENGINE DESCRIPTION INDEX	Years	Cyl	cc	ci	Group
B10E 1108cc Inline4 OHV 2v	08/1975 - 08/1978	L4	1108	67	6
B13E 1289cc Inline4 OHV 2v	08/1975 - 08/1978	L4	1289	78	7
B14E 1397cc Inline4 OHV 2v	01/1976 - 07/1991	L4	1397	85	6
D4164T 1560cc Inline4 DOHC 4v Turbo Diesel	11/2004 - On	L4	1560	95	19
B4164S/S2 1587cc Inline4 DOHC 4v	01/1997 - 07/2003	L4	1587	96	15
D16 1595cc (Renault) Inline4 SOHC 2v Diesel	08/1984 - 07/1991	L4	1595	97	9
B17 2 K 1721cc (Renault) Inline4 SOHC 2v	08/1985 - 07/1991	L4	1721	105	9
B18 Series 1721cc (Renault) Inline4 SOHC 2v	04/1986 - 12/1996	L4	1721	105	9
B4184S 1731cc Inline4 DOHC 4v	01/1995 - 07/1999	L4	1731	105	15
B18 Series 1780cc Inline4 OHV 2v	05/1959 - 01/1972	L4	1780	108	2
B4184S2 1783cc Inline4 DOHC 4v	08/1999 - 04/2004	L4	1783	108	15
B18U 1794cc Inline4 SOHC 2v	09/1991 - 08/1997	L4	1794	109	12
B4184SJ/SM 1834cc Inline4 DOHC 4v	09/1997 - 04/2004	L4	1834	111	15
B4194T 1855cc Inline4 DOHC 4v Turbo	05/1997 - 07/2000	L4	1855	113	23
D19T 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel	09/1993 - 08/1997	L4	1870	114	11
D4192T/T2 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel	01/1996 - 07/2000	L4	1870	114	10
B4204S/S2 1948cc Inline4 DOHC 4v	09/1995 - 04/2004	L4	1948	118	15
B4204T/T2/T3 1948cc Inline4 DOHC 4v Turbo	04/1998 - 04/2004	L4	1948	118	23
B5202F/S 1984cc Inline5 SOHC 2v	08/1994 - 07/1999	L5	1984	121	16
B5204F/S 1984cc Inline5 DOHC 4v	09/1991 - 03/2000	L5	1984	121	16
B5204T 1984cc Inline5 DOHC 4v Turbo	09/1993 - 07/2002	L4	1984	121	17
B19 Series 1986cc Inline4 SOHC 2v	08/1976 - 12/1984	L4	1986	121	1
B19ET 1986cc Inline4 SOHC 2v Turbo	01/1982 - 12/1984	L4	1986	121	1
B20 Series 1986cc Inline4 OHV 2v	03/1967 - 12/1976	L4	1986	121	21
B200 Series 1986cc Inline4 SOHC 2v	08/1980 - 12/1995	L4	1986	121	4
B200ET/FT 1986cc Inline4 SOHC 2v Turbo	01/1985 - 10/1998	L4	1986	121	4
B204E 1986cc Inline4 DOHC 4v	09/1987 - 08/1993	L4	1986	121	4
B204FT/GT 1986cc Inline4 DOHC 4v Turbo	08/1989 - 08/1998	L4	1986	121	4
B20F 1998cc Inline4 SOHC 2v	09/1992 - 12/1996	L4	1998	121	12
D4204T/T2 1998cc Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	1998	121	14
B4204S3 1999cc Inline4 DOHC 4v	09/2006 - On	L4	1999	121	14
B21 Series 2127cc Inline4 SOHC 2v	01/1974 - 08/1986	L4	2127	129	1
B21FT 2127cc Inline4 SOHC 2v Turbo	01/1981 - 12/1985	L4	2127	129	1
B23 Series 2316cc Inline4 SOHC 2v	01/1978 - 12/1989	L4	2316	141	3
B230 Series 2316cc Inline4 SOHC 2v	05/1984 - 04/1997	L4	2316	141	4
B230T Series 2316cc Inline4 SOHC 2v Turbo	09/1984 - 08/1997	L4	2316	141	22
B234 Series 2316cc Inline4 DOHC 4v	08/1987 - 08/1992	L4	2316	141	4
B23ET/FT 2316cc Inline4 SOHC 2v Turbo	08/1982 - 12/1984	L4	2316	141	3
B5234S 2319cc Inline5 DOHC 4v	09/1993 - 07/1999	L5	2319	141	18
B5234T 2319cc Inline5 DOHC 4v Turbo	09/1993 - 12/2004	L5	2319	141	17
D24 2383cc Inline6 SOHC 2v Diesel	04/1979 - 08/1993	L6	2382	145	13
D24T/TIC 2383cc Inline6 SOHC 2v Turbo Diesel	08/1982 - 08/1997	L6	2383	145	13
B5244 Series 2435cc Inline5 DOHC 4v	08/1998 - On	L5	2435	148	16
B5244T 2435cc Inline5 DOHC 4v Turbo	01/1997 - On	L5	2435	148	17
B5252 Series 2435cc Inline5 DOHC 2v	09/1992 - 03/2000	L5	2435	148	18
B5254 Series 2435cc Inline5 DOHC 2v	09/1991 - 03/2000	L5	2435	148	18
B5254T 2435cc Inline5 DOHC 4v Turbo	09/1996 - 03/2000	L5	2435	148	17
B6254G/S 2473cc Inline6 DOHC 4v	08/1994 - 08/1997	L6	2473	150	8
B5254T 2521cc Inline5 DOHC 4v Turbo	07/2002 - On	L5	2521	153	17
B6304 Series 2922cc Inline6 DOHC 4v	08/1990 - 07/1999	L6	2922	178	8
B30A 2979cc Inline6 OHV 2v	01/1968 - 01/1973	L6	2979	181	20
B30E 2979cc Inline6 OHV 2v	01/1973 - 01/1977	L6	2979	181	5





1	Engine	Year	Cyl	Bore x Stroke	1		
	B19 Series 1986cc Inline4 SOHC 2v <i>B19A, B19E</i>	08/1976 - 12/1984	L4	88.9mm x 80.0mm			
	B19ET 1986cc Inline4 SOHC 2v Turbo	01/1982 - 12/1984	L4	88.9mm x 80.0mm			
	B21 Series 2127cc Inline4 SOHC 2v <i>B21A, B21E, B21F</i>	01/1974 - 08/1986	L4	92.0mm x 80.0mm			
	B21FT 2127cc Inline4 SOHC 2v Turbo	01/1981 - 12/1985	L4	92.0mm x 80.0mm			
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.

<b>CONROD</b> <i>Notch width is 3.94mm. Bearing width is 24.13mm.</i>								
<b>4B2740P</b> STD, 010, 020, 030, 040		53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740	
		54.000/2.1260	58.014/2.2840				IH	
<b>5M2742A</b> STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F)	
		63.454/2.4982	67.488/2.6570				IH	
<b>5M2742P</b> STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F)	
		63.454/2.4982	67.488/2.6570				IH	
<b>3C7936</b> STD	1	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936	
		46.990/1.8500	49.936/1.9660					
	2	42.977/1.6920	45.911/1.8075	1.448/.0570	26.42/1.040	F23	7937	
		43.002/1.6930	45.936/1.8085					
	3	36.975/1.4557	39.929/1.5720	1.458/.0574	27.94/1.100	F23	7938	
		37.000/1.4567	39.954/1.5730					
<b>RB4071</b> UNB	<b>PISTON PIN BUSH</b>		23.996/.9447	27.000/1.0630	1.750/.0689	29.30/1.154	F100	RB4071
			24.000/.9449	27.025/1.0640				

2	Engine	Year	Cyl	Bore x Stroke	2			
	B18 Series 1780cc Inline4 OHV 2v <i>B18A, B18B, B18D</i>	05/1959 - 01/1972	L4	84.2mm x 80.0mm				
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b> <i>Notch width is 4.57mm. Bearing width is 27mm.</i>								
<b>4B2741P</b> STD, 010, 020, 030, 040		54.089/2.1295	57.823/2.2765	1.842/.0725	26.97/1.062	F780	2741	
		54.102/2.1300	57.836/2.2770				IH	
<b>5M2742A</b> STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F)	
		63.454/2.4982	67.488/2.6570				IH	
<b>5M2742P</b> STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742	
		63.454/2.4982	67.488/2.6570				IH	
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F)	
		63.454/2.4982	67.488/2.6570				IH	
<b>3C7936</b> STD	1	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936	
		46.990/1.8500	49.936/1.9660					
	2	42.977/1.6920	45.911/1.8075	1.448/.0570	26.42/1.040	F23	7937	
		43.002/1.6930	45.936/1.8085					
	3	36.975/1.4557	39.929/1.5720	1.458/.0574	27.94/1.100	F23	7938	
		37.000/1.4567	39.954/1.5730					
<b>RB4300</b>	<b>PISTON PIN BUSH</b>		23.482/.9245	23.508/.9255	.950/.0374	30.17/1.188	F100	RB4300

3 Engine		Year		Cyl	Bore x Stroke	3	
B23 Series 2316cc Inline4 SOHC 2v		01/1978 - 12/1989		L4	96.0mm x 80.0mm		
B23ET/FT 2316cc Inline4 SOHC 2v Turbo		08/1982 - 12/1984		L4	96.0mm x 80.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Notch width is 3.94mm. Bearing width is 24.13mm.</i>							
<b>4B2740P</b> STD, 010, 020, 030, 040		53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740
		54.000/2.1260	58.014/2.2840				IH
<b>5M2742A</b> STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A
		63.454/2.4982	67.488/2.6570				IH
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F)
		63.454/2.4982	67.488/2.6570				IH
<b>5M2742P</b> STD, 010, 020, 030, 040	1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742
		63.454/2.4982	67.488/2.6570				IH
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F)
		63.454/2.4982	67.488/2.6570				IH
<b>3C7936</b> STD	1	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936
		46.990/1.8500	49.936/1.9660				
		42.977/1.6920	45.911/1.8075	1.448/.0570	26.42/1.040	F23	7937
		43.002/1.6930	45.936/1.8085				
<b>3B57926</b> STD	1	49.914/1.9651	49.939/1.9661	1.446/.0569	18.15/.715	F23	7926
		45.914/1.8076	45.939/1.8086	1.422/.0560	15.14/.596	F23	7928
		45.914/1.8076	45.939/1.8086	1.472/.0580	15.14/.596	F23	7927
		45.939/1.8086					
<b>RB4071</b> UNB		23.996/.9447	27.000/1.0630	1.750/.0689	29.30/1.154	F100	RB4071
		24.000/.9449	27.025/1.0640				

4 Engine		Year		Cyl	Bore x Stroke	4		
B200 Series 1986cc Inline4 SOHC 2v		08/1980 - 12/1995		L4	88.9mm x 80.0mm			
<i>B200E, B200EA, B200F, B200G, B200K</i>								
B200ET/FT 1986cc Inline4 SOHC 2v Turbo		01/1985 - 10/1998		L4	88.9mm x 80.0mm			
B204E 1986cc Inline4 DOHC 4v		09/1987 - 08/1993		L4	88.9mm x 80.0mm			
B204FT/GT 1986cc Inline4 DOHC 4v Turbo		08/1989 - 08/1998		L4	88.9mm x 80.0mm			
B230 Series 2316cc Inline4 SOHC 2v		05/1984 - 04/1997		L4	96.0mm x 80.0mm			
<i>B230A, E, F, FB, FD, G, K</i>								
B234 Series 2316cc Inline4 DOHC 4v		08/1987 - 08/1992		L4	96.0mm x 80.0mm			
<i>B234F, B234G</i>								
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b>								
<b>4B2726H</b> STD		48.984/1.9285	51.999/2.0472	1.486/.0585	24.00/.945	F781	2726H	
		49.004/1.9293	52.014/2.0478				IH	
<b>4B2726P</b> STD, .25, .50, .75		48.984/1.9285	51.999/2.0472	1.491/.0587	24.00/.945	F780	2726	
		49.004/1.9293	52.014/2.0478				IH	
<b>5M2727A</b> STD, .25, .50	1,2,3,4	62.987/2.4798	67.000/2.6378	1.996/.0786	20.80/.819	F820	2727AL	
		63.000/2.4803	67.018/2.6385				UL	
		5	62.987/2.4798	67.000/2.6378	1.996/.0786	35.38/1.393	F820	2728AL(F)
			63.000/2.4803	67.018/2.6385				UL
<i>Suits 63mm shaft. Set contains flanged thrust bearing.</i>								





4 Continued ...							4
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M2729A</b> STD, .25, .50, .75		<b>MAINS</b> <i>Suits 55mm shaft. Set requires thrustwashers.</i>					
	1,2,3,4,5	54.986/2.1648 55.001/2.1654	58.999/2.3228 59.019/2.3236	1.990/.0783	20.80/.819	F810	2729A UL
<b>1T2729</b> STD		<b>THRUST</b>					
		61.250/2.4114 61.500/2.4213	75.550/2.9744 75.800/2.9842		2.00/.079		2729T UL
<b>RB4299</b>		<b>PISTON PIN BUSH</b>					
		22.996/.9054 23.000/.9055	26.000/1.0236 26.025/1.0246	1.700/.0669	24.50/.965	F100	RB4299

5 Engine				Year	Cyl	Bore x Stroke	5
B30E 2979cc Inline6 OHV 2v				01/1973 - 01/1977	L6	88.9mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2741P</b> STD, 010, 020		<b>CONROD</b> <i>Notch width is 4.57mm. Bearing width is 27mm.</i>					
		54.089/2.1295 54.102/2.1300	57.823/2.2765 57.836/2.2770	1.842/.0725	26.97/1.062	F780	2741 IH
<b>7M2742A</b> STD, 010, 020, 030, 040		<b>MAINS</b>					
	1,2,3,4,5,6	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	28.19/1.110	F810	2742A IH
	7	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	38.91/1.532	F810	2743A(F) IH
<b>7M2742P</b> STD, 010, 020, 030, 040		<b>MAINS</b>					
	1,2,3,4,5,6	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	28.19/1.110	F780	2742 IH
	7	63.442/2.4977 63.454/2.4982	67.462/2.6560 67.488/2.6570	1.989/.0783	38.91/1.532	F780	2743(F) IH
<b>4C7936</b> STD		<b>CAMS</b>					
	1,2,3,4	46.977/1.8495 46.990/1.8500	49.911/1.9650 49.936/1.9660	1.454/.0572	27.18/1.070	F23	7936
<b>RB4300</b>		<b>PISTON PIN BUSH</b>					
			23.482/.9245 23.508/.9255	.950/.0374	30.17/1.188	F100	RB4300

6 Engine				Year	Cyl	Bore x Stroke	6
B10E 1108cc Inline4 OHV 2v				08/1975 - 08/1978	L4	70.0mm x 72.0mm	
B14E 1397cc Inline4 OHV 2v				01/1976 - 07/1991	L4	76.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7900A</b> STD, .25, .50, .75		<b>CONROD</b> <i>Both halves are plain.</i>					
		43.965/1.7309 43.980/1.7315	47.615/1.8746 47.625/1.8750	1.806/.0711	17.75/.699	F810	7900A IH
<b>4B7908A</b> STD, .25, .50, .75		<b>CONROD</b> <i>One half with a slot.</i>					
		43.965/1.7309 43.980/1.7315	47.615/1.8746 47.625/1.8750	1.806/.0711	17.75/.699	F810	7908A UL
<b>5M7909A</b> STD, .25, .50, .75, 1.00		<b>MAINS</b> <i>To suit engines with 54.80mm shaft.</i>					
	1,2,3,4,5	54.785/2.1569 54.805/2.1577	58.731/2.3122 58.750/2.3130	1.950/.0768	19.50/.768	F810	7909A UL
<b>1T7815</b> STD, .10		<b>THRUST</b>					
		62.500/2.4606 62.750/2.4705	79.750/3.1398 80.000/3.1496		2.85/.112	F817	7815T IH

7 Engine				Year	Cyl	Bore x Stroke	7
B13E 1289cc Inline4 OHV 2v				08/1975 - 08/1978	L4	73.0mm x 77.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7900A</b> STD, .25, .50, .75		<b>CONROD</b> <i>Both halves are plain.</i>					
		43.965/1.7309 43.980/1.7315	47.615/1.8746 47.625/1.8750	1.806/.0711	17.75/.699	F810	7900A IH

7 Continued ...							7
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>MAINS</b>		<i>Suits 46mm shafts.</i>					
<b>5M7904A</b> STD, .25, .50, .75	1,2,4	45.990/1.8106 46.000/1.8110	49.874/1.9635 49.890/1.9642	1.922/.0757	19.50/.768	F810	7904A UL
	3,5	45.990/1.8106 46.000/1.8110	49.874/1.9635 49.980/1.9677	1.922/.0757	24.50/.965	F810	7905A UL
<b>THRUST</b>							
<b>1T7904</b> STD		50.500/1.9882 50.750/1.9980	67.670/2.6642 67.920/2.6740		2.36/.093	F817	7904T UL

8 Engine				Year	Cyl	Bore x Stroke	8	
B6254G/S 2473cc Inline6 DOHC 4v				08/1994 - 08/1997	L6	81.0mm x 88.0mm		
B6304 Series 2922cc Inline6 DOHC 4v				08/1990 - 07/1999	L6	83.0mm x 90.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>								
<b>6B7880P</b> STD, .25		49.984/1.9679 50.000/1.9685	53.000/2.0866 53.013/2.0871	1.496/.0589	19.50/.768	F781	7880 IH	
	<b>MAINS</b>							
<b>7M7884A</b> STD, .25		64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL	
		64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL	
	<b>PISTON PIN BUSH</b>							
	<b>RB4180</b>			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180
<b>PISTON PIN BUSH</b>								
<b>RB4298</b> UNB			24.000/.9449 24.025/.9459	1.700/.0669	21.35/.841	F100	RB4298	

9 Engine				Year	Cyl	Bore x Stroke	9	
B17 2 K 1721cc (Renault) Inline4 SOHC 2v				08/1985 - 07/1991	L4	81.0mm x 83.5mm		
B18 Series 1721cc (Renault) Inline4 SOHC 2v <i>B18E, ED, EP, F, FP, FT, FTM, K, KD, KP, KPD</i>				04/1986 - 12/1996	L4	81.0mm x 83.5mm		
D16 1595cc (Renault) Inline4 SOHC 2v Diesel				08/1984 - 07/1991	L4	78.0mm x 83.6mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>CONROD</b>		<i>Bearings have no notches.</i>						
<b>4B7816A</b> STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A IH	
	<b>CONROD</b>		<i>Bearings have no notches.</i>					
<b>4B7816P</b> STD, .25, .50		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F780	7816 U	
		48.000/1.8898 48.020/1.8905	51.587/2.0310 51.606/2.0317	1.776/.0699	20.25/.797	F810	7816A L	
	<b>MAINS</b>							
	<b>5M7807A</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F810	7807A UL
<b>RACE SERIES</b>								
<b>5M7807H</b> STD, .25, .50	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL	
	<b>MAINS</b>		<i>0.001" extra oil clearance on STD journal.</i>					
<b>5M7807HX</b> STD	1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.932/.0761	18.50/.728	F780	7807HX UL	
	<b>THRUST</b>		<i>Shaped washer with cutouts.</i>					
<b>1T7807</b> STD, .10		60.500/2.3819 60.750/2.3917	79.750/3.1398 80.000/3.1496		2.35/.093	F817	7807T IH	





10 Engine		Year		Cyl	Bore x Stroke		10
D4192T/T2 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel		01/1996 - 07/2000		L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7820A</b> STD, .25		48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A
		48.020/1.8905	51.600/2.0315				IH
<b>RACE SERIES</b> <b>4B7820H</b> STD, .25, .50	<b>CONROD</b>	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H
		48.020/1.8905	51.600/2.0315				IH
<b>RACE SERIES</b> <b>4B7820HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.755/.0691	20.50/.807	F781	7820HX
		48.000/1.8898	51.587/2.0310				IH
<b>5M7807A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H
		54.795/2.1573	58.744/2.3128				UL
<b>RACE SERIES</b> <b>5M7807HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX
		54.785/2.1569	58.731/2.3122				UL
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T
		60.500/2.3819	79.750/3.1398				IH
		60.750/2.3917	80.000/3.1496				

11 Engine		Year		Cyl	Bore x Stroke		11
D19T 1870cc (Renault) Inline4 SOHC 2v Turbo Diesel		09/1993 - 08/1997		L4	80.0mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7807A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F780	7807H
		54.795/2.1573	58.744/2.3128				UL
<b>RACE SERIES</b> <b>5M7807HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX
		54.785/2.1569	58.731/2.3122				UL
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T
		60.500/2.3819	79.750/3.1398				IH
		60.750/2.3917	80.000/3.1496				

12 Engine		Year		Cyl	Bore x Stroke		12
B18U 1794cc Inline4 SOHC 2v		09/1991 - 08/1997		L4	82.7mm x 83.5mm		
B20F 1998cc Inline4 SOHC 2v		09/1992 - 12/1996		L4	82.7mm x 93.0mm		
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7820A</b> STD, .25	<b>CONROD</b>	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F810	7820A
		48.020/1.8905	51.600/2.0315				IH
<b>RACE SERIES</b> <b>4B7820H</b> STD, .25, .50	<b>CONROD</b>	48.000/1.8898	51.587/2.0310	1.768/.0696	20.50/.807	F781	7820H
		48.020/1.8905	51.600/2.0315				IH
<b>RACE SERIES</b> <b>4B7820HX</b> STD	<b>CONROD</b>	<i>0.001" extra oil clearance on STD journal.</i>		1.755/.0691	20.50/.807	F781	7820HX
		48.000/1.8898	51.587/2.0310				IH
<b>5M7807A</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569	58.731/2.3122	1.945/.0766	18.50/.728	F810	7807A
		54.795/2.1573	58.744/2.3128				UL

12 Continued ...								12
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.	
<b>RACE SERIES</b> <b>5M7807H</b> STD, .25, .50	<b>MAINS</b> 1,2,3,4,5	54.785/2.1569 54.795/2.1573	58.731/2.3122 58.744/2.3128	1.945/.0766	18.50/.728	F780	7807H UL	
<b>RACE SERIES</b> <b>5M7807HX</b> STD	<b>MAINS</b> 1,2,3,4,5	<i>0.001" extra oil clearance on STD journal.</i>		1.932/.0761	18.50/.728	F780	7807HX UL	
<b>1T7807</b> STD, .10	<b>THRUST</b>	<i>Shaped washer with cutouts.</i>			2.35/.093	F817	7807T IH	
<b>4RB4185</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 4.</i>			24.75/.974	F100	4RB4185	
<b>RB4185</b> UNB	<b>PISTON PIN BUSH</b>	24.005/.9451 24.012/.9454	26.000/1.0236 26.021/1.0244		24.75/.974	F100	RB4185	

13 Engine				Year	Cyl	Bore x Stroke	13
D24 2383cc Inline6 SOHC 2v Diesel				04/1979 - 08/1993	L6	76.5mm x 86.4mm	
D24T/TIC 2383cc Inline6 SOHC 2v Turbo Diesel				08/1982 - 08/1997	L6	76.5mm x 86.4mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B5534A</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F810	5534A IH
<b>6B5534P</b> STD, .25, .50, .75, 1.00	<b>CONROD</b>	47.758/1.8802 47.778/1.8810	50.600/1.9921 50.619/1.9929	1.406/.0554	19.00/.748	F780	5534 IH
<b>7M1604A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F810	1604A UL
<b>7M1604P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,4,5,6,7	<i>Requires thrustwashers.</i>		2.502/.0985	18.50/.728	F780	1604 UL
<b>7M1605A</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,5,6,7	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F810	1604A UL
	4	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.982	F810	1605A(F) UL
<b>7M1605P</b> STD, .25, .50, .75, 1.00	<b>MAINS</b> 1,2,3,5,6,7	<i>Set contains flanged thrust bearing.</i>		2.502/.0985	18.50/.728	F780	1604 UL
	4	57.958/2.2818 57.978/2.2826	63.000/2.4803 63.019/2.4811	2.500/.0984	24.93/.981	F780	1605(F) UL
<b>2T1604</b> STD	<b>THRUST</b>	63.500/2.5000 63.750/2.5098	77.200/3.0394 77.450/3.0492		1.98/.078	F817	1604T UL
<b>2T1614</b> STD	<b>THRUST</b>	63.500/2.5000 63.750/2.5098	76.950/3.0295 77.200/3.0394		1.98/.078	F817	1614T UL
<b>6RB4172</b> UNB	<b>PISTON PIN BUSH</b>	<i>Set of 6.</i>			25.00/.984	F100	6RB4172
<b>RB4172</b> UNB	<b>PISTON PIN BUSH</b>				25.00/.984	F100	RB4172





14	Engine	Year	Cyl	Bore x Stroke	14
	B4204S3 1999cc Inline4 DOHC 4v	09/2006 - On	L4	87.5mm x 83.1mm	
	D4204T/T2 1998cc Inline4 DOHC 4v Turbo Diesel	10/2003 - On	L4	85.0mm x 88.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b> <i>Lower in Aluglide material.</i>							
<b>4B7747D</b> STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F781	7747D
		50.000/1.9685	53.708/2.1145				U
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
<b>CONROD</b> <i>Lower in Aluglide material.</i>							
<b>4B7747P</b> STD, .30		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F810	7747A
		50.000/1.9685	53.708/2.1145				L
		49.984/1.9679	53.695/2.1140	1.838/.0724	20.00/.787	F780	7747
		50.000/1.9685	53.708/2.1145				U
<b>MAINS</b>							
<b>5M1677A</b> STD, .30, .50, .80	1,2,3,4,5	59.981/2.3615	63.731/2.5091	1.845/.0726	19.50/.768	F810	1677A
		60.000/2.3622	63.750/2.5098				UL
<b>THRUST</b>							
<b>2T7703</b> STD, .10, .15		67.050/2.6398	83.050/3.2697		2.33/.092	F250	7703T
		67.300/2.6496	83.300/3.2795				UL
<b>THRUST</b>							
<b>2T7748</b> STD		67.050/2.6398	83.050/3.2697		1.85/.073	F250	7748T
		67.300/2.6496	83.300/3.2795				UL
<b>PISTON PIN BUSH</b> <i>Set of 4.</i>							
<b>4RB4200</b>		27.997/1.1022	30.200/1.1890		24.05/.947	F100	4RB4200
		28.000/1.1024	30.225/1.1900				
<b>PISTON PIN BUSH</b>							
<b>RB4200</b>		27.997/1.1022	30.200/1.1890		24.05/.947	F100	RB4200
		28.000/1.1024	30.225/1.1900				

15	Engine	Year	Cyl	Bore x Stroke	15
	B4164S/S2 1587cc Inline4 DOHC 4v	01/1997 - 07/2003	L4	81.0mm x 77.0mm	
	B4184S 1731cc Inline4 DOHC 4v	01/1995 - 07/1999	L4	83.0mm x 80.0mm	
	B4184S2 1783cc Inline4 DOHC 4v	08/1999 - 04/2004	L4	83.0mm x 82.4mm	
	B4184SJ/SM 1834cc Inline4 DOHC 4v	09/1997 - 04/2004	L4	81.0mm x 89.0mm	
	B4204S/S2 1948cc Inline4 DOHC 4v	09/1995 - 04/2004	L4	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>4B7880P</b> STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880
		50.000/1.9685	53.013/2.0871				IH
<b>MAINS</b>							
<b>5M7884A</b> STD, .25	1,2,4,5	64.987/2.5585	69.000/2.7165	1.994/.0785	19.60/.772	F810	7884A
		65.000/2.5591	69.014/2.7171				UL
	3	64.987/2.5585	69.000/2.7165	1.998/.0787	25.88/1.019	F810	7885A(F)
		65.000/2.5591	69.014/2.7171				UL
<b>PISTON PIN BUSH</b>							
<b>RB4180</b>			26.000/1.0236		25.20/.992	F100	RB4180
			26.025/1.0246				

16	Engine	Year	Cyl	Bore x Stroke	16
	B5202F/S 1984cc Inline5 SOHC 2v	08/1994 - 07/1999	L5	81.0mm x 77.0mm	
	B5204F/S 1984cc Inline5 DOHC 4v	09/1991 - 03/2000	L5	81.0mm x 77.0mm	
	B5244 Series 2435cc Inline5 DOHC 4v	08/1998 - On	L5	83.0mm x 90.0mm	

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>CONROD</b>							
<b>5B7880P</b> STD, .25		49.984/1.9679	53.000/2.0866	1.496/.0589	19.50/.768	F781	7880
		50.000/1.9685	53.013/2.0871				IH

**16 Continued ... 16**

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6M7884A</b> STD, .25	<b>MAINS</b>						
	1,2,3,5,6	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	4	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4180</b>			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180
<b>PISTON PIN BUSH</b>							
<b>RB4298</b> UNB			24.000/.9449 24.025/.9459	1.700/.0669	21.35/.841	F100	RB4298

**17 Engine Year Cyl Bore x Stroke 17**

B5204T 1984cc Inline5 DOHC 4v Turbo	09/1993 - 07/2002	L4	81.0mm x 77.0mm
B5234T 2319cc Inline5 DOHC 4v Turbo	09/1993 - 12/2004	L5	81.0mm x 90.0mm
B5244T 2435cc Inline5 DOHC 4v Turbo	01/1997 - On	L5	83.0mm x 90.0mm
B5254T 2435cc Inline5 DOHC 4v Turbo	09/1996 - 03/2000	L5	83.0mm x 90.0mm
B5254T 2521cc Inline5 DOHC 4v Turbo	07/2002 - On	L5	83.0mm x 93.2mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6M7884A</b> STD, .25	<b>MAINS</b>						
	1,2,3,5,6	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	4	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4180</b>			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180
<b>PISTON PIN BUSH</b>							
<b>RB4298</b> UNB			24.000/.9449 24.025/.9459	1.700/.0669	21.35/.841	F100	RB4298

**18 Engine Year Cyl Bore x Stroke 18**

B5234S 2319cc Inline5 DOHC 4v	09/1993 - 07/1999	L5	81.0mm x 90.0mm
B5252 Series 2435cc Inline5 DOHC 2v	09/1992 - 03/2000	L5	83.0mm x 90.0mm
B5254 Series 2435cc Inline5 DOHC 2v	09/1991 - 03/2000	L5	83.0mm x 90.0mm

Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5B7880P</b> STD, .25	<b>CONROD</b>						
		49.984/1.9679 50.000/1.9685	53.000/2.0866 53.013/2.0871	1.496/.0589	19.50/.768	F781	7880 IH
<b>6M7884A</b> STD, .25	<b>MAINS</b>						
	1,2,3,5,6	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	4	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4180</b>			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180
<b>PISTON PIN BUSH</b>							
<b>RB4298</b> UNB			24.000/.9449 24.025/.9459	1.700/.0669	21.35/.841	F100	RB4298

**19 Engine Year Cyl Bore x Stroke 19**

D4164T 1560cc Inline4 DOHC 4v Turbo Diesel	11/2004 - On	L4	75.0mm x 88.3mm
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Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7775A</b> STD, .30	<b>CONROD</b>						
		46.975/1.8494 46.991/1.8500	50.655/1.9943 50.674/1.9950	1.818/.0716	17.00/.669	F810	7775A IH





19 Continued ...							19
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B7775P</b> STD, .30	<b>CONROD</b>	46.975/1.8494	50.655/1.9943	1.818/.0716	17.00/.669	F780	7775 IH
		46.991/1.8500	50.674/1.9950				
<b>5M7772A</b> STD, .30, .50	<b>MAINS</b> 1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	20.40/.803	F780	7772 U
		49.981/1.9678	53.674/2.1131				
	1,2,3,4,5	49.962/1.9670	53.655/2.1124	1.833/.0722	19.90/.784	F780	7773 L
		49.981/1.9678	53.674/2.1131				
<b>1T7772</b> STD	<b>THRUST</b>	55.200/2.1732	71.350/2.8090		2.46/.097	F817	7772T IH
		55.480/2.1842	71.700/2.8228				
<b>RB4202</b>	<b>PISTON PIN BUSH</b>		29.000/1.1417		19.98/.787	F100	RB4202
			29.021/1.1426				

20 Engine				Year	Cyl	Bore x Stroke	20
B30A 2979cc Inline6 OHV 2v				01/1968 - 01/1973	L6	88.9mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>6B2740P</b> STD, 010, 020	<b>CONROD</b>	53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740 IH
		54.000/2.1260	58.014/2.2840				
<b>7M2742A</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4,5,6	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A IH
		63.454/2.4982	67.488/2.6570				
	7	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F) IH
		63.454/2.4982	67.488/2.6570				
<b>7M2742P</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4,5,6	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742 IH
		63.454/2.4982	67.488/2.6570				
	7	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F) IH
		63.454/2.4982	67.488/2.6570				
<b>4C7936</b> STD	<b>CAMS</b> 1,2,3,4	46.977/1.8495	49.911/1.9650	1.454/.0572	27.18/1.070	F23	7936
		46.990/1.8500	49.936/1.9660				
<b>RB4300</b>	<b>PISTON PIN BUSH</b>		23.482/.9245	.950/.0374	30.17/1.188	F100	RB4300
			23.508/.9255				

21 Engine				Year	Cyl	Bore x Stroke	21
B20 Series 1986cc Inline4 OHV 2v B20A, B20B, B20D, B20E, B20F				03/1967 - 12/1976	L4	88.9mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>4B2740P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>Notch width is 3.94mm. Bearing width is 24.13mm.</i>					
		53.988/2.1255	58.000/2.2835	1.986/.0782	24.13/.950	F780	2740 IH
54.000/2.1260	58.014/2.2840						
<b>4B2741P</b> STD, 010, 020, 030, 040	<b>CONROD</b>	<i>Notch width is 4.57mm. Bearing width is 27mm.</i>					
		54.089/2.1295	57.823/2.2765	1.842/.0725	26.97/1.062	F780	2741 IH
54.102/2.1300	57.836/2.2770						
<b>5M2742A</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F810	2742A IH
		63.454/2.4982	67.488/2.6570				
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F810	2743A(F) IH
		63.454/2.4982	67.488/2.6570				
<b>5M2742P</b> STD, 010, 020, 030, 040	<b>MAINS</b> 1,2,3,4	63.442/2.4977	67.462/2.6560	1.989/.0783	28.19/1.110	F780	2742 IH
		63.454/2.4982	67.488/2.6570				
	5	63.442/2.4977	67.462/2.6560	1.989/.0783	38.91/1.532	F780	2743(F) IH
		63.454/2.4982	67.488/2.6570				

21 Continued ...							21
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>3C7936</b> STD	<b>CAMS</b>						
	1	46.977/1.8495 46.990/1.8500	49.911/1.9650 49.936/1.9660	1.454/.0572	27.18/1.070	F23	7936
	2	42.977/1.6920 43.002/1.6930	45.911/1.8075 45.936/1.8085	1.448/.0570	26.42/1.040	F23	7937
	3	36.975/1.4557 37.000/1.4567	39.929/1.5720 39.954/1.5730	1.458/.0574	27.94/1.100	F23	7938
	<b>PISTON PIN BUSH</b>						
	<b>RB4300</b>			23.482/.9245 23.508/.9255	.950/.0374	30.17/1.188	F100

22 Engine				Year	Cyl	Bore x Stroke	22
B230T Series 2316cc Inline4 SOHC 2v Turbo <i>B230ET, B230FK, B230FT, B230GT</i>				09/1984 - 08/1997	L4	96.0mm x 80.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>RACE SERIES</b> <b>4B2726H</b> STD	<b>CONROD</b>						
		48.984/1.9285 49.004/1.9293	51.999/2.0472 52.014/2.0478	1.486/.0585	24.00/.945	F781	2726H IH
<b>4B2726P</b> STD, .25, .50, .75	<b>CONROD</b>						
		48.984/1.9285 49.004/1.9293	51.999/2.0472 52.014/2.0478	1.491/.0587	24.00/.945	F780	2726 IH
<b>5M2727A</b> STD, .25, .50	<b>MAINS</b> <i>Suits 63mm shaft. Set contains flanged thrust bearing.</i>						
	1,2,3,4	62.987/2.4798 63.000/2.4803	67.000/2.6378 67.018/2.6385	1.996/.0786	20.80/.819	F820	2727AL UL
	5	62.987/2.4798 63.000/2.4803	67.000/2.6378 67.018/2.6385	1.996/.0786	35.38/1.393	F820	2728AL(F) UL
	<b>MAINS</b> <i>Suits 55mm shaft. Set requires thrustwashers.</i>						
<b>5M2729A</b> STD, .25, .50, .75	1,2,3,4,5	54.986/2.1648 55.001/2.1654	58.999/2.3228 59.019/2.3236	1.990/.0783	20.80/.819	F810	2729A UL
	<b>THRUST</b>						
<b>1T2729</b> STD		61.250/2.4114 61.500/2.4213	75.550/2.9744 75.800/2.9842		2.00/.079		2729T UL

23 Engine				Year	Cyl	Bore x Stroke	23
B4194T 1855cc Inline4 DOHC 4v Turbo B4204T/T2/T3 1948cc Inline4 DOHC 4v Turbo				05/1997 - 07/2000 04/1998 - 04/2004	L4 L4	81.0mm x 90.0mm 83.0mm x 90.0mm	
Engine Set No. Sizes Available	Type and Location	Standard Shaft Size	Housing Bore	Max. Bearing Thickness	Max. Overall Length	Material Code	Bearing Shell No.
<b>5M7884A</b> STD, .25	<b>MAINS</b>						
	1,2,4,5	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.994/.0785	19.60/.772	F810	7884A UL
	3	64.987/2.5585 65.000/2.5591	69.000/2.7165 69.014/2.7171	1.998/.0787	25.88/1.019	F810	7885A(F) UL
	<b>PISTON PIN BUSH</b>						
<b>RB4180</b>			26.000/1.0236 26.025/1.0246		25.20/.992	F100	RB4180





# INTERCHANGE

# Clevite - ACL

### Auxiliary Bearing Set

SH-1094S	1C1094S
SH-1095S	2C1095S
SH-1209S	2BS7006
SH-1977S	2C6002S

### Balance Shaft Bearing Set

SH-1212S	2BS8273
SH-1326S	2C026S
SH-1403	2BS1403S
SH-1429S	3BS8288
SH-1469S	3BS8389
SH-1526S	2BS1445S
SH-1798S	1BS1400S
SH-2002S	1BS2002S

### Camshaft Bearing Set

SH-1030S	3C1030S
SH-1066S	3C8276
SH-1092S	5C1092S
SH-1111S	5C1111S
SH-1114S	4C1114S
SH-1115S	4C1115S
SH-1197S	4C1197S
SH-1248S	3C8074
SH-1251S	4C1251S
SH-1254S	4C1254S
SH-1305S	3C1305S
SH-1350S	4C1089S
SH-1351S	4C1351S
SH-1354S	5C638S
SH-1355S	5C1088S
SH-1360S	5C7304
SH-1361S	5C680S
SH-1364S	4C1102S
SH-1365S	5C1195S
SH-1366S	5C1199S
SH-1385S	4C1031S
SH-1386S	4C654S
SH-1390S	4C1002BS
SH-1405S	4C1405BS
SH-1441S	4C1441S
SH-1447S	4C1447S
SH-1448S	4C1246S
SH-1789S	4C048AS
SH-1812S	4C1812S
SH-1814S	5C1000S
SH-1980S	4C549S
SH-1995S	5C1001S
SH-2000S	4C7300
SH-287S	5C287S
SH-290S	5C3349
SH-292S	5C292S
SH-399S	4C399S
SH-400S	3C400S
SH-506S	4C506S
SH-510S	5C5616
SH-567S	4C567S
SH-616S	5C616S
SH-671S	5C671S
SH-703S	4C5826

### Camshaft Bearing Set

SH-710S	5C5696
SH-711S	3C3300
SH-718S	5C781S
SH-718S	4C5157
SH-764S	3C4018
SH-767S	5C4146
SH-772S	3C4036
SH-777S	4C777S
SH-874S	4C4606
SH-875S	5C875S
SH-876S	5C876S

### Conrod Bearing Set

CB-1017A*4	4B1636A
CB-1017A*5	5B1636A
CB-1017P	5B1636P
CB-1027P	4B2510P
CB-1093AL	4B1320A
CB-1095P*4	4B1886P
CB-1110P	4B1626A
CB-1120A*4	4B1146A
CB-1120HN	4B1146H
CB-1120HXN	4B1146HX
CB-1141H	6B1140H
CB-1141HX	6B1140HX
CB-1141P*6	6B1140A
CB-1171P	4B1490P
CB-1171P	6B1490P
CB-1178P*4	4B5534P
CB-1178P*4	4B5534A
CB-1178P*4	4B1076P
CB-1182P*4	4B1610P
CB-1182P*4	4B1610A
CB-1190P	4B1110P
CB-1191P	4B2010P
CB-1202A*4	4B8101A
CB-1214P*6	6B1214A
CB-1216AL	4B1216A
CB-1218P*4	4B1701A
CB-1219P*6	6B7971A
CB-1220AL	4B1136A
CB-1222P*4	4B1950A
CB-1223A*4	4B1951A
CB-1227P*6	6B1227A
CB-1228A*6	6B2360A
CB-1228P	6B1228A
CB-1228P*6	6B2360P
CB-1238P*6	6B1238A
CB-1250P	4B1756A
CB-1269A	4B1269A
CB-1270P*4	4B1686A
CB-1276AL	4B1276A
CB-1278A*4	4B1736A
CB-1279P	4B8331A
CB-1283A*6	6B1283A
CB-1286P	8B1286A
CB-1287AL*4	4B1630A
CB-1299P	4B2526P
CB-1306AL	4B4376A

### Conrod Bearing Set

CB-1309A*4	4B7730A
CB-1310AL*4	4B7820A
CB-1325P*4	4B1726A
CB-1326P*4	4B1620A
CB-1332A*4	4B1441A
CB-1333A*4	4B7706A
CB-1352A*4	4B1690A
CB-1353A*4	4B1946A
CB-1353H	4B1946H
CB-1353HX	4B1946HX
CB-1353P*4	4B1946P
CB-1358A	6B1358A
CB-1361A*4	4B1710A
CB-1362P*4	4B2130A
CB-1380A*4	4B1380A
CB-1383A*4	4B1383A
CB-1385A	6B1385A
CB-1387A*6	6B1387A
CB-1388P	4B1388A
CB-1401A*3	3B8336A
CB1401A*4	4B8336A
CB-1401P*3	3B8336P
CB-1401P*4	4B8336P
CB-1406A*4	4B8360A
CB-1407A*4	4B8281A
CB-1408P*4	4B2322A
CB-1410P*6	6B1410A
CB-1426A*4	4B1606A
CB-1426A*5	5B1606A
CB-1426H	4B1606H
CB-1426HX	4B1606HX
CB-1437P	6B1170A
CB-1442A*10	10B1442A
CB-1442A*8	8B1442A
CB1442H	8B1442H
CB1442HX	8B1442HX
CB-1442P*8	8B1442P
CB-1443A*6	6B2306A
CB-1443AL	6B1443A
CB-1443P	6B2306P
CB-1451A*4	4B1350A
CB-1453AL	4B8351A
CB1453H	4B8351H
CB1453HX	4B8351HX
CB-1455A*4	4B8140A
CB-1456AL*4	4B1936A
CB-1457A*6	6B1935A
CB-1459P*4	4B1955A
CB-1461A*4	4B1956A
CB1461H	4B1956H
CB1461HX	4B1956HX
CB-1461P*4	4B1956P
CB-1469P	3B8324A
CB-1474P	4B1780P
CB-1474P*4	4B1780A
CB-1477A*4	4B8340A
CB-1480A*4	4B2821A
CB-1588A*4	4B1130A
CB-1589A*4	4B2746A

### Conrod Bearing Set

CB-1590P*4	4B2950A
CB-1591A*6	6B2390A
CB-1593P*4	4B8380A
CB-1594A*6	6B8040A
CB-1601A*4	4B3040A
CB-1623P	4B1623A
CB-1625P*4	6B8060A
CB-1627P	8B8091P
CB-1627P	8B1327P
CB1628H	6B8100H
CB1628HX	6B8100HX
CB-1629A*4	4B2960A
CB1629H	4B2960H
CB1629HX	4B2960HX
CB-1633P	8B1633P
CB-1635A*4	4B1635A
CB-1639P	4B8365A
CB-1643A*4	4B1185A
CB1643HN	4B1185H
CB1643HXN	4B1185HX
CB-1647P	4B1647A
CB-1648P	8B7280A
CB-1652P*4	4B8300A
CB-1653A*6	6B8149A
CB-1656A*6	6B7990A
CB1657H	4B8296H
CB1657HX	4B8296HX
CB1663H	8B1663H
CB1663HX	8B1663HX
CB-1667A*6	6B4500A
CB-1669*6	6B7310A
CB-1670P*4	6B7170A
CB-1772A*6	6B4395A
CB-1774A*4	4B4135A
CB-1777P*4	4B1910A
CB1780H	4B1912H
CB1780HX	4B1912HX
CB-1781AL*4	4B8376A
CB-1782A*4	4B8036A
CB-1783P*6	6B8061A
CB-1784P*8	8B7210A
CB-1785H	4B1925H
CB1785HX	4B1925HX
CB-1785P	4B1925P
CB-1786A*4	4B1680A
CB1808HN	8B1808H
CB1808HXN	8B1808HX
CB-1808P	8B1808A
CB-1808P	8B1808P
CB-1811P	5B2290A
CB-1811P	4B2290A
CB-1813A*4	4B4565A
CB-1814P*8	8B7270P
CB-1818A*6	6B7200A
CB-1818P	6B7201A
CB-1822P	4B1075P
CB-1822P	4B1075A
CB-1823P*6	6B5568A
CB-1824A*4	6B5530A





Conrod Bearing Set	
CB-1827P	4B2296A
CB-1829A*4	4B1201A
CB-1830AL*6	6B1840A
CB-1832P	6B1180A
CB-1833P*6	6B8381A
CB-1835A*4	4B8411A
CB-1838A*4	4B8170A
CB1838H	4B8170H
CB1838HX	4B8170HX
CB-1840A*4	4B4390A
CB1840H	4B4390H
CB1840HX	4B4390HX
CB-1840P*4	4B4390P
CB-1842P*5	5B8700P
CB-1851A(6)	6B5502A
CB-1854A*8	8B7206A
CB-1857A*6	6B2640A
CB-1857P*6	6B2640P
CB-1858A*4	4B2620A
CB-1859P	4B1980A
CB-1860P*4	4B1906P
CB1861H	4B1972H
CB1861HX	4B1972HX
CB-1861P*4	4B1972P
CB-1862A*4	4B1978A
CB-1863A*4	4B1851A
CB-1864A*4	4B8210A
CB-1869P	8B7271P
CB-1877A	6B2270A
CB-1881A	6B7228A
CB-1881A*6	6B7315A
CB-1890A	6B8262A
CB-1894A	8B2990A
CB-1894P	8B2990P
CB-1905P	8B2630P
CB-1909A	4B7190A
CB1918H	4B1236H
CB1918HX	4B1236HX
CB-1919A*4	4B2907A
CB-1920H	4B1856H
CB-1920HX	4B1856HX
CB1925H	4B8172H
CB1925HX	4B8172HX
CB-1926A*4	4B1256A
CB-1927A*4	4B1810A
CB-1928A	4B7900A
CB-1944A*8	8B7255A
CB-1947A*6	6B8306A
CB-1948A(4)	4B1266A
CB-1961A	4B8420A
CB-1962A*4	4B2626A
CB-1967A	4B1250A
CB-1969H	6B2500H
CB-1969H	1B2500H
CB-418P*8	8B481P
CB-461AL	8B7260A
CB481H	1B481H
CB481H	8B481H
CB481HX	1B481HX

Conrod Bearing Set	
CB481HX	8B481HX
CB-481P	1B481P
CB-481P*8	8B481A
CB-488AL(4)	4B2201P
CB527HND	8B527HD
CB527HXND	8B527HXD
CB-527P	8B527A
CB-542P	8B542A
CB-583A*6	6B2150A
CB-583AL	4B583A
CB-583P*6	6B2150P
CB-603AL*4	4B603A
CB-606P*6	6B606A
CB-610A*8	8B610A
CB-610P	6B610A
CB610P*4	4B610A
CB-634A*8	8B634A
CB634HN	8B634H
CB634HND	8B634HD
CB634HXN	8B634HX
CB634HXND	8B634HXD
CB-634P*8	8B634P
CB-663A*8	8B663A
CB663HN	8B663H
CB663HND	8B663HD
CB663HXN	8B663HX
CB663HXND	8B663HXD
CB-663P	8B663P
CB-667A*4	4B2681A
CB-684P*8	8B684A
CB-699P	6B699A
CB-723A*6	6B723A
CB743HN	8B743H
CB743HND	8B743HD
CB743HXND	8B743HXD
CB-743P	8B743A
CB-743P	8B743P
CB-745A*4	4B745A
CB-745A*8	8B745A
CB745HN	8B745H
CB745HND	8B745HD
CB745HXN	8B745HX
CB745HXND	8B745HXD
CB-745P	8B745P
CB-745P	6B745A
CB-758P	8B758P
CB-760A*8	8B760A
CB-780A*4	4B2451A
CB-809P	6B1506P
CB-818A*8	8B818A
CB818H	8B818H
CB-818P	8B818P
CB-831A	8B831A
CB-846AL	4B2516A
CB-846AL	4B2516P
CB-927A*8	8B927A
CB927H	8B927H
CB-927P	8B927P
CB-931AL	4B2206P

Conrod Bearing Set	
CB-941P	4B1037P
CB960P*4	4B960A
CB960P*6	6B960A
CB-960P*8	8B960A
CB-966A*4	4B1171A
CB-966A*4	6B1171A
CB-967P*4	4B2636A
CB-980P*4	4B2956A
CB981A*4	4B2751A
CB-984A*4	4B984A
CB-993A*4	4B7712A
CR-663A*6	6B663A
CR743HXN	8B743HX
R4540A	4B1816A
R4540A	4B1816P

Main Bearing Set	
MS-1010AL	5M1010A
MS-1010H	5M1010H
MS-1010HX	5M1010HX
MS-1010P	5M1010P
MS-1029P	3M8727P
MS1038H	5M1038H
MS1038HX	5M1038HX
MS-1038P	5M1038A
MS-1039A	5M1039A
MS1039H	5M1039H
MS1039HX	5M1039HX
MS-1039P	5M1039P
MS-1041AL	5M1041A
MS-1050AL	5M1050A
MS-1051A	5M1051A
MS-1054P	5M1172A
MS-1055P	3M2215A
MS-1084AL	5M1084A
MS-1102P	5M1697A
MS-1106P	7M1172A
MS-1107P	5M2967A
MS-1108A	5M2757A
MS-1117P	5M1117A
MS-1117P	5M1117P
MS-1140A	5M8102A
MS-1157A	5M1645A
MS-1266A	5M1266A
MS-1277P	5M1277A
MS-1298P	5M2817A
MS-1329A	3M2637A
MS-1344A	5M1344A
MS-1351AL	5M7705A
MS-1355AL	5M4386A
MS-1389P	7M1389A
MS-1407P	5M2018P
MS-1415AL	5M1415A
MS-1419P	4M1419A
MS-1424AL	5M1424A
MS-1427P	5M1627A
MS-1428P	5M1703A
MS-1429P	4M7982A
MS-1431P	5M1952A

Main Bearing Set	
MS-1432A	5M1432A
MS1432H	5M1432H
MS1432HX	5M1432HX
MS-1434A	6M1605A
MS-1454AL	4M1454A
MS-1455AL	5M1455A
MS-1456P	5M1689A
MS-1457P	5M1457A
MS-1488A	5M1648A
MS-1494P	4M1494A
MS-1524AL	5M1524A
MS-1533P	5M1533A
MS-1537AL	5M8737A
MS-1538AL	6M8737A
MS-1545A	5M1338A
MS-1546AL	5M2524A
MS-1549AL	5M2327A
MS-1557AL	5M1557A
MS-1560P	5M8334A
MS-1563P	5M1563P
MS-1567AL	5M1567A
MS-1568P	5M1568A
MS-1590P	5M1705A
MS-1595A	5M1623A
MS-1596P	5M1596A
MS-1596P	5M1596P
MS-1602A	5M1677A
MS-1603A	5M7807A
MS-1605AL	5M4378A
MS-1607AL	5M2873A
MS-1609AL	7M2873A
MS-1610A	5M2729A
MS-1612A	5M7708A
MS-1618P	5M1947A
MS-1629A	5M1629A
MS-1633P	5M1728A
MS-1639A	5M8134A
MS-1643P	5M7157A
MS-1649A	5M7704A
MS-1652A	5M1028A
MS-1668P	5M1124A
MS-1701P	4M1701A
MS-1702A	4M1702A
MS-1703P	5M8511A
MS-1704A	5M7124A
MS-1708P	4M8337A
MS-1714P	5M8361A
MS-1715A	5M8282A
MS-1733P	5M1733A
MS-1743P	5M1743A
MS-1743P	5M1743P
MS-1752P	5M1884P
MS-1752P	5M1884A
MS-1760P	5M1706A
MS-1774P	7M1165A
MS-1775P	5M1882A
MS-1776AL	5M1869A
MS1779A	5M8337A
MS-1782P	4M1782A





# INTERCHANGE

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Main Bearing Set	
MS-178AL	5M7264A
MS-1802AL	5M8353A
MS1802H	5M8353H
MS1802HX	5M8353HX
MS-1803P	5M8133A
MS-1804P	5M1957A
MS-1804P	5M1957P
MS-1805P	4M1934A
MS-1806A	5M1932A
MS-1812A	4M7295A
MS-1820A	5M8339A
MS-1821P	5M1824A
MS-1822P	4M1822A
MS-1822P	4M2302A
MS-1822P	4M2302P
MS1840H	5M1957H
MS1840HX	5M1957HX
MS-1945P	5M1139A
MS-1945P	5M1239A
MS-1946A	4M7278A
MS-1947P	7M8874A
MS-1948P	5M1948A
MS-1949A	5M2747A
MS-1950P	5M2949A
MS-1951A	4M2737A
MS-1951P	4M2737P
MS-1952A	4M8352A
MS-1953P	5M8382A
MS-1954A	4M8070A
MS-1983A	4M860A
MS-2006A	4M2006A
MS-2007A	5M2007A
MS-2009P	5M2009A
MS-2010P	4M2010A
MS-2011P	4M8063A
MS-2012A	5M1937A
MS2014H	7M8103H
MS2014HX	7M8103HX
MS2015H	5M2964H
MS2015HX	5M2964HX
MS-2015P	5M2964A
MS-2015P	5M2964P
MS-2017P	5M1867A
MS-2021P	4M2309A
MS-2021P	4M2309P
MS-2022P	4M2022A
MS-2028A	5M2028A
MS-2035A	5M8138A
MS-2037P	4M2037A
MS-2039H	5M1186H
MS-2039HX	5M1186HX
MS-2042P	5M1176A
MS-2056P	5M2056A
MS-2057A	5M8302A
MS-2058A	4M8147A
MS-2061A	7M7989A
MS-2068P	5M2329A
MS-2073P	5M1633A
MS-2076A	5M1144A

Main Bearing Set	
MS-2091P	5M2091P
MS-2095H	5M1959H
MS-2095HX	5M1959HX
MS-2095P	5M1959A
MS-2095P	5M1959P
MS-2198A	5M5647A
MS-2199A	5M7298A
MS2199H	5M7298H
MS2199H	5M7297H
MS2199HX	5M7297HX
MS2199HX	5M7298HX
MS-2200P	6M2200P
MS-2201A	5M7313A
MS-2202A	5M7296A
MS2202H	5M7296H
MS2202HX	5M7296HX
MS-2203A	6M7296A
MS-2204A	5M7141A
MS-2205P	5M7164A
MS-2206P	5M7282A
MS-2207A	4M7262A
MS-2208A	5M7193A
MS-2209A	4M7172A+2T
MS-2209P	4M7172A
MS-2210A	4M7182A+2T
MS-2210P	4M7182A
MS-2211A	5M1695A
MS-2212AL	5M8378A
MS-2213A	5M8037A
MS-2216P	5M7214A
MS2220H	5M2220H
MS2220HX	5M2220HX
MS-2220P	5M2220A
MS-2224A	4M7214A+2T
MS-2224AL	7M2224A
MS2226H	4M1149H
MS2226HX	4M1149HX
MS-2226P	4M1149A
MS-2227A	5M1644A
MS-2228P	7M5569A
MS-2229A	7M5532A
MS-2232A	5M2232A
MS-2234P	5M1202A
MS-2235AL	5M7218A
MS-2237A	5M2627A
MS-2238P	4M1183A
MS-2240P	4M8379A
MS-2243A	5M8412A
MS-2244A	4M7214A
MS-2245A	5M8174A
MS-2248P	6M8702P
MS-2249AL	5M2224A
MS-2250AL	6M2224A
MS2258H	5M8309H
MS2258HX	5M8309HX
MS-2259H	5M5647HX
MS-2259H	5M5647H
MS2261H	5M1219H
MS2261HX	5M1219HX

Main Bearing Set	
MS-2261P	5M1219A
MS-2262P	4M2633A
MS-2262P	4M2633P
MS-2263A	5M2628A+2T
MS-2263A	5M2628A
MS-2266A	5M1979A
MS-2267S	5M1853A
MS-2268A	5M8214A
MS-2269P	5M7274P
MS-2270A	4M5564A
MS-2276A	4M2273A
MS2293H	5M5645H
MS2293HX	5M5645HX
MS-2298A	4M8263A
MS-2299A	5M7191A
MS-2300P	5M2995A
MS-2300P	5M2995P
MS-2301A	5M2905A
MS-2302A	4M4382A+2T
MS-2303A	4M7316A
MS-2303A	4M7229A
MS2307H	5M1237H
MS2307HX	5M1237HX
MS2309H	5M1913H
MS2309HX	5M1913HX
MS-2314A	5M1815A
MS-2315A	5M1259A+2T
MS-2316A	5M7864A
MS-2319A	5M1653A
MS-2325A	4M8307A
MS-2326A	5M1267A
MS-2335A	4M1996A
MS-2336A	5M8423A
MS-2336A	4M1842A
MS-2344A	5M7257A
MS-2348H	1M2505H
MS-2348H	4M2505H
MS429H	5M429H
MS429HX	5M429HX
MS-429P	5M429A
MS-483P	5M483A
MS-496P	5M496A
MS-517P	4M517A
MS-518AL	4M2126A
MS-540P	5M540A
MS-558AL	5M2217A
MS590H	5M590H
MS590HX	5M590HX
MS-590P	5M590P
MS-590P	5M590A
MS-606P	5M7288A
MS-617A	7M617A
MS-704P	7M704A
MS-720AL	5M1112P
MS-742AL	5M2152A
MS-771A	7M2126A
MS-804P	5M804A
MS-805AL	5M805A
MS829H	5M829H

Main Bearing Set	
MS829HX	5M829HX
MS-829P	5M829A
MS-863P	5M863A
MS-876P	5M876A
MS-877P	5M877A
MS-891AL	5M1442A
MS-896P	5M896A
MS-909A	5M909A
MS909H	5M909H
MS909HX	5M909HX
MS-909P	5M909P
MS-960P	4M960A
MS-961P	5M7285A
MS-979A	7M979A
MS-979P	7M2869P
MS-979P	7M979P
MS-981A	5M981A

Piston Pin Bush	
223-3583	RB4230
223-3620	RB4113
223-3651	RB4114
223-3662	RB4223
223-3664	RB3664
CLV431-A	RB4053
CLV431-AA	RB4170

Thrustwasher Set	
TW-105S	2T4302
TW-164S	1T7815
TW-186S	1T1542
TW-218S	2T2167
TW-228S	2T7962
TW-231S	2T4162
TW-232S	1T7709
TW-247S	2T7899
TW-303S	2T1689
TW-314S	2T8737
TW-326S	2T1703
TW-327S	1T1952
TW-346S	2T2873
TW-368S	2T1889
TW-376S	2T7703
TW-400S	2T1727
TW-401S	2T1695
TW-451S	1T1824
TW-453S	1T1869
TW-455S	1T8337
TW-458S	2T1149
TW-463S	2T1705
TW-472S	1T8353
TW-473S	1T1957
TW-474S	1T1934
TW-478S	1T8339
TW-551S	1T2952
TW-552S	2T8352
TW-553S	2T8382
TW-554S	2T8063
TW-587S	1T1937
TW-590S	1T2964

## Clevite - ACL

## INTERCHANGE



Thrustwasher Set	
TW-595S	1T1867
TW-598S	2T7989
TW-604S	2T8377
TW-605S	1T8037
TW-606S	1T7172
TW-608S	1T7214
TW-611S	1T611S
TW-613S	2T5569
TW-614S	2T5532
TW-615S	1T1842
TW-617S	1T1183
TW-619S	1T8412
TW-677S	1T1219
TW-678S	2T2633
TW-679S	1T2628
TW-684S	1T1853
TW-692S	2T8263
TW-694S	1T7191
TW-695S	1T7229
TW-697S	1T2905
TW-7002S	1T1649
TW-704S	2T1644
TW-707S	1T7809
TW-708S	1T8307
TW-712S	1T1996
TW-715S	2T8423
TW-716S	1T2627
TW-722S	1T2505





# INTERCHANGE

# Daido - ACL

### Balance Shaft Bearing Set

B162A	4BS8452
B168A	2BS8453
B7277A	2BS8559A
B761A	2BS8586A
B765A1	3BS8385

### Camshaft Bearing Set

C133A	3C8230A
C177A	3C8454A
C178A	5C8460A
C202W	4C4286
C205W	3C4036
C236W	3C4018
C3023A	3C4212
C3207W	5C4195
C325A	4C4042
C433W1	6C8081
C434W1	3C8081
C4547A	5C8553A
C4548A	5C8554A
C4549A	5C8555A
C4650A1	3C8084
C513W	3C6127
C514W	5C6128A
C516W	5C8083
C525W	3C8116
C528W1	4C8081
C535W	3C8127
C768W	4C8566A
C8130W	3C8276
C9606W	5C8180A
SH-1996S	5C7276

### Conrod Bearing Set

CB-832A*4	4B2638A
R0103A	4B1201A
R0301A	4B8150A
R133K1	4B8435P
R1550A	4B8425A
R1553A	3B8120A
R1562A	2B8010A
R158A	3B8020A
R1650A	4B8436A
R1668A	3B8010A
R166A	3B8023A
R167K	3B8024A
R1680A	4B8016A
R1770A	4B1351A
R178A	4B1426A
R2005K	4B2751A
R2025K	6B1171A
R2027A	6B1630A
R2029A	6B2389A
R2036K	4B2636A
R2040K	4B1171A
R2050K	4B2960P
R2050K	4B2960A
R2062A	4B8570A
R2068A	4B2950A
R2070A	4B2770A

### Conrod Bearing Set

R2075A	4B2673A
R2076A	4B2674A
R2077A	4B2675A
R2101A	4B2634A
R2502K	6B1301P
R2504A	6B2955A
R2507K	4B2746A
R2510K	6B2630A
R2510K	6B2630P
R2512K	6B2640P
R2512K	6B2640A
R2578A	6B2390A
R2617A	4B1630A
R3020K	4B1366A
R3023K	4B2756P
R3025K	6B1366P
R3026K	4B2776P
R3035K	4B2948A
R3038K	6B2966P
R3307K	6B2716P
R3327K	6B2776P
R4000K	6B1831P
R4005K	6B1839P
R4036K	6B1886P
R4510A	4B8561A
R4515A	4B8560A
R4521A	4B1881A
R4545K	4B1854P
R4547K	4B1836P
R4650A1	4B1890A
R514K	4B2815A
R522A	4B2821A
R523A	4B1820A
R5600K	4B8328P
R5600K	4B8328A
R5606K	2B8316A
R5700A	4B8320A
R5700A	4B8320P
R5705A	4B8296P
R5705A	4B8296A
R5802A	4B8291A
R5803A	4B8290A
R5807K	3B8323A
R5808K	3B8324A
R5874A	6B8270A
R5901A	3B8540A
R5901A	3B1266A
R5902A	3B8358A
R5983A	4B1266A
R5985A	3B8336A
R5986A	4B8336A
R5987A	4B8340A
R5995A	4B8441A
R5996A	4B8440A
R6018K	6B1536P
R6029K	4B1535P
R6029K	4B1191P
R6032K	4B1230P
R6035K	4B1234P

### Conrod Bearing Set

R6036K	4B1235P
R6051K	4B1196P
R6058K	4B1190P
R6321K	6B1230P
R7061A	3B8583A
R7073A	2B8577A
R7200A	4B8036A
R7204K	4B8038A
R7263A	4B1736A
R7264A	4B1130A
R7265A	4B1146A
R7268K	4B1141A
R7270A	4B1136A
R7281A	4B1185A
R7285A	6B1150A
R7300A	4B8564A
R7700K	6B1180A
R7708A	6B1140A
R7800K	4B1770P
R7801K	4B1800P
R809A	4B8331A
R8102A	4B1756A
R8108A	4B8351A
R8111A	4B2130A
R8115A	4B8300A
R8125A	4B1156A
R8130A	4B1151A
R8145A	4B1626A
R8310K	6B8149A
R8320A	4B8170A
R8321A	4B4390A
R8321A	4B4390P
R8350A	4B8547A
R8360K	4B1776A
R8370A	4B8144A
R8380K	4B1750A
R8400K1	4B1760P
R8403K	6B1760P
R8416A	4B8330A
R8419A	4B8143A
R8450A	4B8240A
R9037A	6B8470A
R9038A	6B8472A
R9038K	6B8472P
R9040A	6B8471A
R9040K	6B8471P
R9070K	4B1686A
R9100A	4B8210A
R9105A	4B1851A
R9106A	4B8450A
R9310K	8B8091P
R9321A	6B7990A
R9324K	6B8040A
R9327A	6B8060A
R9350A	4B8486A
R9375A	4B8395A
R9375A	4B8370A
R9380A	4B8364A
R9416A	4B8493A

### Conrod Bearing Set

R9449A	6B8493A
R9500A1	4B1850A
R9750K	4B1910A
R9760K	4B1980A
R9770A	4B1978A
R9780K	4B1906P
R980K1	4B1950A
R981K	4B1930A
R982K1	4B1951A
R983K	4B1460A
R984A	4B1955A
R985K1	2B1990A
R988K	4B1926A
R989K	4B1946A
R989K	4B1946P
R990K	4B1956A
R990K	4B1956P
R991K	4B1936A
R993K	4B1927A
R994K	3B1988A
R995K	6B1974A
R998K	6B1935A

### Main Bearing Set

M0103A	5M1202A
M0103A	5M1218A
M133K	5M8439P
M1550A	5M8426A
M1553A	4M8126A
M1559A	4M8019A
M1562A	3M8011A
M1563A	3M8015A
M1650A	5M8438A
M1668A	4M8011A
M1669A	4M8009A
M166A	4M8025A
M1776A	5M1382A
M178A	5M1392A
M180A	5M8017A
M2010K	5M2757A
M2025K	7M1172A
M2029A	7M2394A
M2040K	5M1172A
M2042K	5M1176A
M2050K	5M2964P
M2050K	5M2964A
M2065A	5M1224A
M2068A	5M2949A
M2070A	5M2769A
M2075A	4M2653A
M2101A	5M2635A
M238K	3M2637A
M2503K	7M1305P
M2504A	7M2953A
M2507K	5M2747A
M2510K	4M2633P
M2510K	4M2633A+4T
M2510K	4M2633A
M3020K	3M1367A



Main Bearing Set	
M3035K	5M2965A
M3038K	7M2965P
M321K	5M1369A
M324K	5M2775A
M3307K	7M2717P
M4000K	7M1837P
M4027K	7M1888P
M4028K	7M1889P
M4029K	7M1884P
M4036K	7M1887P
M4510A	5M8562A
M4521A	5M1883A
M4547K	5M1837A
M4547K	5M1837P
M4631K	5M1848P
M4631K	5M1848A
M4632K	5M1894P
M4632K	5M1894A
M4640K	5M1847A
M4640K	5M1847P
M4650A	5M1892A
M5022A	5M1882A
M5022A	5M2809A
M5523A	5M1824A
M5600K	5M8329A
M5606K	3M8318A
M5700A	5M8309P
M5700A	5M8309A
M5800A	3M8292A
M5802A	3M8293A
M5803A	3M8294A
M5807K	4M8326A
M5874A	4M8271A
M5901A	4M8355A
M5983A	5M8342A
M5985A1	4M8337A
M5986A	5M8337A
M5987A	5M8339A
M598A	4M8542A
M5990A	4M8338A
M5996A	5M8443A
M6029K	5M1198P
M6050K	5M1197P
M6325K	7M1232P
M6331K	7M1199P
M7061A	4M8584A
M7073A	3M8578A
M7074A	3M8580A
M7200A	5M8037A
M7204K	5M8039A
M7264A	5M1124A
M7268K	3M1142A
M7275A	5M1139A
M7275A	5M1239A
M7277A	5M1137A
M7278A	5M1227A
M7280A	5M1153A
M7280A	5M1217A
M7280A	5M1144A

Main Bearing Set	
M7281A	5M1186A
M7285A	4M1149A
M7300A	5M8565A
M7700K	4M1183A
M7800K	5M1778P
M802A	3M1757A
M8108A	5M8353A
M8111A	5M8137A
M8111A	5M8134A
M8115A	5M8302A
M8126A	5M1157A
M8128A	5M1167A
M8133A	5M1627A
M8146A	5M8335A
M822A2	5M8354A
M8320A	5M8174A
M8350A	5M8548A
M8360A	5M1777A
M8380K	5M1748A
M8400K	5M1747P
M8450A	5M8242A
M9037A	7M8474A
M9038A	7M8475A
M9040K	7M8476A
M9100A1	5M8214A
M9106A	5M8458A
M9321A	7M7989A
M9324K	4M8063A
M9327A	4M8070A
M9350A	5M8487A
M9375A	5M8372A
M9375A	5M8399A
M9380A	5M8368A
M9416A	5M8494A
M9419A	7M8494A
M9446A	5M8258A
M9500A1	5M1852A
M9750K	5M1959A
M9750K	5M1959P
M9770A	5M1979A
M980A	5M1952A
M983K	5M1947A
M985A	3M1991A
M986A	3M1992A
M988A	5M1932A
M9900K	5M1957A
M9900K	5M1957P
M9905K	4M1975A
M993A	5M1928A
M994A	4M1989A
M9950K	5M1937A
M9980K	4M1934A

Piston Pin Bush	
P1777L	4RB4022
P1778L	4RB4145
P1779L	4RB4094
P2050L	4RB4274
P205L	4RB4269

Piston Pin Bush	
P226L	6RB4102
P229L	6RB4271
P231L	6RB4074
P243L	4RB4102
P244L	4RB4270
P2504L	6RB4273
P2505LS	4RB4278
P2507L	4RB4105
P2510L	6RB4276
P2632L	6RB4272
P264L	4RB4266
P273L	4RB4265
P275L	6RB4275
P278L	6RB4190
P279L	6RB4191
P3020L	4RB4096
P3025L	6RB4096
P3030L	4RB4112
P307L	4RB4066
P321L	4RB4081
P336L	4RB4101
P338L	6RB4101
P4100L	4RB4292
P433L	6RB4287
P436L	6RB4073
P450L	4RB4103
P4544L	4RB4232
P4547L	4RB4291
P4652L	4RB4104
P513L	4RB4288
P516L	4RB4072
P521L	4RB4290
P526L	4RB4058
P528L	4RB4285
P529L	4RB4286
P535L	4RB4283
P540L	4RB4118
P541L	4RB4289
P5802L	4RB4051
P5874L	6RB4234
P5901L	3RB4075
P767L	4RB4297
P768L	4RB4295
P777L	4RB4091
P800L	4RB4017
P808L	4RB4108
P8125L	4RB4024
P816L	4RB4261
P818L	4RB4077
P836L	4RB4088
P837L	4RB4078
P838L1	4RB4068
P8419L	4RB4262
P841L	4RB4264
P842L	6RB4059
P8450L	4RB4111
P9012L	4RB910
P9022L	4RB4040
P9028L	4RB4246

Piston Pin Bush	
P9035L	4RB4008
P9037L	6RB4239
P9039L	6RB4240
P9040L	6RB4241
P9060L	4RB4028
P9066L	4RB4238
P9066L	4RB4257
P9069L	4RB4087
P9105L	4RB4236
P9317L	6RB4028
P9321L	6RB4098
P9324L	6RB4109
P9340L	4RB4245
P9353L	4RB4256
P9375L	4RB4247
P9376L	4RB4097
P9380L	4RB4254
P9413L	4RB4093
P9445L	4RB4244
P9445L	4RB4252
P9449L	6RB4242
P9483L	RB4065
P9484L	4RB4076
P9492L	4RB4095
P9605L	6RB4248
P9606L	6RB4249

Thrustwasher Set	
T1033K	2T8439
T1553A	1T8126
T158A	1T8019
T162A	1T8011
T166A	1T8025
T180A	1T8017
T2036W	2T4302
T2050K	1T2964
T2068A	1T2952
T2070A	1T2769
T2101A	1T2635
T2500A	2T2597
T2510A	2T2633
T2600A	1T2627
T3020A	2T1367
T3023A	2T2775
T310L1	2T2647
T3307K	2T2717
T4510A	1T8562
T4547A	3T1837
T4650A	1T1192
T4651A1	1T1893
T521A	1T1824
T521A	1T2809
T5600A	2T8329
T5901A	1T8355
T5983A	1T8342
T5985A	1T8337
T5987A	1T8443
T5987A	1T8339
T6029L	3T1199





## INTERCHANGE

Daido - ACL

Thrustwasher Set	
T6320L	3T1232
T650L3	3T1197
T7061A	1T8584
T7200A	1T8037
T7278A	1T1227
T7282A	1T1219
T7285A	2T1149
T7300A	1T8565
T768A	1T1142
T7700A	1T1183
T7800A	2T1778
T8108A	1T8353
T8115A	1T8302
T8122A	2T8334
T8125A	2T1157
T8128A	2T1167
T833W	2T4162
T834A	2T8352
T8350A	2T8548
T8360A	2T1777
T8380A	2T1748
T8400A	2T1747
T8416A	1T8335
T8418A	2T2134
T8450A	2T8242
T9037A	2T8474
T9071A	2T1689P
T9100A	1T1853
T9310A	2T8092
T9321A	2T7989
T9324K	2T8063
T9350A	2T8397
T9375A	2T8372
T9416A	2T8494
T9500A1	2T1852
T9606A	2T1357
T9750A	1T1959
T9800A	1T1952
T985A	1T1991
T990A	1T1957
T9950A	1T1937
T998A	1T1934



# FM - ACL

# INTERCHANGE

### Auxillary Bearing Set

1460M	2C1095S
1726M	2BS7006
1729M	2BS8286
1731M	1C1094S
1892M	2C6002S
60989DR	2BS3134

### Balance Shaft Bearing Set

1487M	2C026S
1776M	2BS8273
1792M	2BS1403S
1805M	3BS8288
1807M	2BS1445S
1810M	3BS8389
3204DR	1BS1400S

### Camshaft Bearing Set

1145M	5C287S
1202M	3C400S
1203M	4C399S
1204M	5C5616
1205M	4C506S
1220M	5C292S
1235M	5C3349
1244M	4C549S
1270MRA	3C3120
1324M	5C638S
1325M	3C4018
1401M	5C671S
1403M	5C5696
1404M	5C616S
1410M	5C716S
1414M	5C1111S
1421M	5C7304
1422M	5C680S
1439M	4C5826
1441M	4C654S
1442M	3C8276
1443M	4C777S
1445M	5C781S
1450M	4C567S
1451M	5C875S
1453M	5C876S
1454M	4C4606
1459M	3C3300
1461M	3C1030S
1462M	4C1031S
1463M	4C1089S
1466M	5C1088S
1473M	4C1115S
1484M	5C1112S
1485M	5C1195S
1492M	4C1102S
1493M	4C1197S
1494M	4C1251S
1496M	5C1199S
1557M	4C5157
1570M	3C4036
1592M	5C4146
1674M	1C3124

### Camshaft Bearing Set

1718M	4C1254S
1741M	2C7813
1755M	4C1246S
1756M	3C1305S
1774M	3C8074
1782M	4C1031BS
1790M	4C1114S
1809M	4C1405BS
1838M	4C1002BS
1842M	4C777BS
1843M	4C048AS
1844M	4C1441S
1855M	4C1351S
1886M	4C1447S
1889M	4C1812S

### Conrod Bearing Set

19-1985A	10B1442A
3-1140RA	3B8336A
4-1015RA	4B3034A
4-1025RA	4B1710A
4-1035CP	4B1383A
4-1040CP	4B2840A
4-1130RA	4B1756A
4-1140RA	4B8336A
4-1150CP	4B1049A
4-1245CP	4B1630A
4-1245CP	4B1630P
4-1400RA	4B1380A
4-1495P	4B1946A
4-1495P	4B1946P
4-1510P	4B1930A
4-1520	4B1955A
4-1540AP	4B1388A
4-1610RA	4B8380A
4-1645RA	4B1441A
4-1835CP	4B1936A
4-1860CP	4B2872P
4-1860CP	4B2872A
4-1900RA	4B1890A
4-2090RA	4B4376A
4-2380CP	4B583A
4-2390P	4B2451A
4-2500RAA	4B610A
4-2785RA	4B603A
4-2850RA	4B1030A
4-2865RA	4B7891A
4-2950RA	4B7826A
4-2950RAA	4B7900A
4-2950RAB	4B7908A
4-2965CP	4B2201P
4-3025RA	4B2806A
4-3135AP	4B2681A
4-3310CPA	4B960A
4-3460CP	4B2166A
4-3485CP	4B1146A
4-3545A	4B984A
4-3665P	4B1216A
4-3800CPA	4B1269A

### Conrod Bearing Set

4-3805CP	4B1276A
4-3890CP	4B1686A
4-3895RA	4B8365A
4-3895RA	4B8360A
4-3910RA	4B8331A
4-3920CP	4B1726A
4-3925RA	4B1690A
4-3950CP	4B1886P
4-3955RA	4B1736A
4-3960CP	4B1701A
4-3975RA	4B2130A
4-3980RA	4B8281A
4-4020CP	4B745A
4-4060CP	4B7820A
4-4135RA	4B4135A
4-4150RA	4B7716A
4-4165RA	4B1810A
4-4175	4B8351A
4-4185RA	4B1623A
4-4190RA	4B8340A
4-4200RA	4B8140A
4-4210CP	4B1350A
4-4245CP	4B2636A
4-4255CP	4B7722P
4-4275RA	4B3040A
4-4300RA	4B7736A
4-4350CP	4B2822P
4-4350CP	4B2822A
4-4355CP	4B1048A
4-4355CP	4B1048P
4-4400RA	4B1047A
4-4405RA	4B7830A
4-4415RA	4B7268A
4-4460CP	4B2746A
4-4470P	4B1956P
4-4470P	4B1956A
4-4475	4B1130A
4-4560P	4B2510P
4-4565P	4B4565A
4-4595A	4B2821A
4-4600CP	4B1780A
4-4600P	4B1780P
4-4615	4B1635A
4-4630RA	4B7735A
4-4630RA	4B2796A
4-4645RA	4B2010P
4-4650RA	4B7710A
4-4700	4B1185A
4-4705A	4B1851A
4-4740A	4B8038A
4-4740A	4B8036A
4-4765P	4B8300A
4-4790P	4B1647A
4-4805CP	4B2960A
4-4805CP	4B2960P
4-4820A	4B1680A
4-4855RA	4B8376A
4-4895RA	4B1256A
4-4925P	4B2290A

### Conrod Bearing Set

4-4930RA	4B8170A
4-4970P	4B2296A
4-4975P	4B1925P
4-5045A	4B8210A
4575P	3B8324A
4-60010CP	4B1110P
4-60475RA	4B8101A
4-60985RA	4B1444A
4-61820RA	4B7767A
4-62045RA	4B7712A
4-65905RA	4B2206P
4-66090RA	4B1018A
4-66240RA	4B2825A
4-66315RA	4B1022A
4-66325RA	4B1062A
4-66410RA	4B7732A
4-66440RAA	4B3062A
4-66525RA	4B1650A
4-66575CP	4B7940P
4-66600RA	4B7805A
4-66625RA	4B1063A
4-66635RA	4B7800A
4-66645RA	4B7802A
4-66645RAA	4B7806A
4-66675CP	4B1136A
4-66715CPA	4B3063P
4-66725RA	4B7730A
4-66740RAA	4B7816P
4-66755RA	4B1266A
4-66780CP	4B1620A
4-67015CP	4B2751A
4-67230CP	4B1171A
4-67340P	4B1950A
4-67345P	4B1951A
4-67350RA	4B1626A
4-67370CP	4B2638A
4-68095CP	4B1636A
4-68105CP	4B1610A
4-68105CP	4B1610P
4-68150CP	4B1076P
4-68150CP	4B5534P
4-68150CP	4B5534A
4-68150P	4B1606A
4-7195CH	4B1912H
5-4350CP	5B2822P
5-4355CP	5B1048A
5-4355CP	5B1048P
5-4925P	5B2290A
5-68095CP	5B1636P
5-68095CP	5B1636A
5-68150CP	5B1606P
5-68150CP	5B1606A
6-1020A	6B1358A
6-1165CP	6B1170A
6-1220RA	6B1385A
6-1460CP	6B1387A
6-1735AP	6B1140A
6-1845CP	6B2390A
6-1920RA	6B1410A





# INTERCHANGE

# FM - ACL

Conrod Bearing Set	
6-2020CP	6B745A
6-2375CP	6B606A
6-2380CP	6B2150A
6-2500RAA	6B610A
6-2555A	6B663A
6-3150CPA	6B699A
6-3310CPA	6B960A
6-3550CP	6B723A
6-3695RA	6B1214A
6-3750P	6B1227A
6-3755AP	6B2360A
6-3755AP	6B1228A
6-3755APA	6B1443A
6-3755APA	6B2306A
6-3830CPA	6B1283A
6-3950CP	6B1886P
6-4010RA	6B8040A
6-4020A	6B1238A
6-4080CP	6B2875P
6-4380RA	6B8061A
6-4395A	6B4395A
6-4480	6B1935A
6-4500AA	6B4500A
6-4525P	6B5530A
6-4695RA	6B8149A
6-4830A	6B7170A
6-4835RA	6B8060A
6-4840A	6B7200A
6-4840A	6B7201A
6-4846P	6B7315A
6-4854P	6B7310A
6-4905P	6B8381A
6-4920P	6B1840A
6-4990A	6B7231A
6-6630S	6B1131A
66655CP	1B1090P
66655CP	4B1090P
66655CP	3B1090P
6-67035RA	6B7971A
6-67230CP	6B1171A
8-1555CPA	8B758P
8-1985A	8B1442A
8-2000CPA	8B7260A
8-2020CP	8B745A
8-2130CP	8B481A
8-2130CP	8B481P
8-2320CP	8B527A
8-2500RAA	8B610A
8-2555A	8B663A
8-2600A	8B634A
8-2600A	8B634P
8-3045A	8B684A
8-3190A	8B743A
8-3230CP	8B760A
8-3310CPA	8B960A
8-3345P	8B542A
8-3360CPA	8B818A
8-3380A	8B831A
8-3400CP	8B927A

Conrod Bearing Set	
8-3400CP	8B927P
8-3810CP	8B1327P
8-3860AP	8B1286A
8-4825A	8B7280A
8-4835A	8B7210A
8-4960P	8B1808A
8-4960P	8B1808P
AEB4511	4B2406A
C87065CH	8B745H
C87065CHA	8B745HD
C87100CH	8B663H
C87100CHA	8B663HD
C87160CH	8B634H
C87200CH	8B743H
C87200CHA	8B743HD
VPR92190	4B1023A

Main Bearing Set	
126M	5M1010H
134M	5M1039H
149M	5M5647H
152M	5M7298H
153M	5M7296H
159M	5M1959H
159M	5M1959HX
160M	5M1957H
4040M	5M483A
4084M	5M496A
4092M	4M517A
4094M	5M876A
4095M	5M877A
4096MA	5M2217A
4123M	5M1733A
4124MA	7M617A
4125MA	5M590A
4222M	4M2126A
4263M	4M960A
4264M	5M7285A
4281M	5M805A
4289M	7M704A
4290M	7M2126A
4294M	5M804A
4400MA	5M829A
4413M	4M2878P
4418M	5M1457A
4420M	5M863A
4659M	5M1442A
4663M	5M909A
4668M	5M2734A
4687M	5M1112P
4865M	5M2152A
4907M	5M1039A
4907M	5M1039P
4908M	5M7768A
4916M	7M2869P
4916M	7M979A
4923M	5M540A
4924M	5M896A
4925M	5M1010A

Main Bearing Set	
4926MA	5M1038A
4945M	5M1050A
4948MA	5M1051A
4979M	5M1117A
4999MA	5M1266A
5025M	5M1277A
5027M	5M1627A
5028M	5M2817A
5035M	5M1084A
5037M	5M1041A
5060M	5M1424A
5070M	4M1419A
5071M	7M1389A
5078MA	5M1432A
5083M	5M1455A
5085MA	4M1454A
5090MA	4M1494A
5092M	5M1415A
5095MA	5M1344A
5103M	5M1144A
5104M	5M1524A
5107M	5M981A
5109MA	5M1557A
5110M	5M1596P
5110M	5M1596A
5129M	5M1563P
5130M	5M1629A
5138M	5M1567A
6101MA	4M860A
6274M	5M8102A
6279M	5M7915A
6292M	5M2682A
6354M	5M7899A
6356M	5M2519P
6371M	3M2807A
6380M	5M7705A
6442M	7M1132A
6445M	5M2826A
6446M	3M1065A
6483M	3M2805A
6537M	5M4386A
6548M	5M7733A
6551M	3M1649A
6564M	5M7946P
6575M	5M7803A
6576M	5M1132A
6589M	5M1093A
6590M	5M8737A
6593M	5M1137A
6597M	5M7894A
6610M	5M1677A
6611M	5M7804A
6618M	5M1139A
6621M	5M1728A
6622MA	5M8361A
6630M	5M1124A
6631M	5M1882A
6650M	5M8282A
6656M	6M1605A

Main Bearing Set	
6656M	6M1605P
6675M	5M3036A
6676M	5M1568A
6678MA	5M1533A
6680M	5M1695A
6685M	4M8337A
6686MA	5M1869A
6690MA	5M7157A
6692M	5M8134A
6692M	5M8133A
6693M	7M1165A
6695M	5M1706A
6699M	5M1932A
6704M	3M2215A
6704P	3M2637A
6758M	7M1172A
6767M	5M1172A
6786M	5M1689A
6797M	5M8334A
6818M	5M1020A
6819M	5M1645A
6831M	5M2327A
6838M	5M1644A
7011MA	4M1702A
7012M	5M1633A
7022M	5M7703A
7023M	5M7708A
7031M	5M2018P
7044M	5M7704A
7047MA	5M7124A
7050MA	4M1701A
7054M	5M8511A
7084M	5M1028A
7086MA	4M1782A
7090M	4M1149A
7094M	5M1188A
7095MA	5M8337A
7097M	5M1103A
7099M	4M2777P
7102M	5M1957A
7103M	5M1937A
7103M	5M1952A
7106M	7M1884P
7108M	5M2329A
7112M	5M1893A
7116M	5M8382A
7124M	5M2155A
7124M	5M2154A
7127M	5M4378A
7138M	5M2757A
7140M	4M8352A
7141MA	5M7141A
7142M	5M1703A
7143M	5M1697A
7144MA	4M1822A
7144MA	4M2302A
7145MA	4M7982A
7148M	5M1705A
7175M	5M7807A



# FM - ACL

# INTERCHANGE

Main Bearing Set	
7179M	4M2874P
7191M	5M2834A
7192M	5M9922A
7192M	5M3201A
7193M	5M7193A
7196M	5M2797A
7200M	5M1815A
7203M	5M3064A
7204M	5M8353A
7206MA	5M2009A
7207M	5M8354A
7208M	5M8339A
7210M	5M1623A
7211M	7M8874A
7212M	5M8138A
7217M	5M1948A
7218M	5M1338A
7231M	5M3041A
7242MA	4M2037A
7245MA	4M2006A
7247M	5M2727A
7252M	5M7948P
7255M	5M1053A
7257M	5M2949A
7261M	4M8063A
7261M	4M8070A
7262MA	4M7262A
7263M	5M9953A
7264M	5M7817A
7266M	5M7250A
7270M	5M2091P
7277MA	4M2309A
7278MA	4M7278A
7284M	5M1867A
7285M	5M2747A
7287M	4M1934A
7288MA	4M2022A
7289M	5M5647A
7291MA	5M1743A
7292M	5M2007A
7295MA	4M7295A
7296MA	5M7296A
7297M	6M7296A
7298MA	5M7298A
7304M	7M5532A
7313M	5M7313A
7314M	7M2873A
7315M	5M2873A
7319MA	5M7282A
7319MA	5M1176A
7320M	5M1824A
7321M	5M2056A
7322M	4M2737P
7322M	4M2737A
7324M	5M1959A
7327M	5M4372A
7328M	5M2028A
7330M	5M7808P
7332M	5M2885A

Main Bearing Set	
7337M	5M7864A
7347M	4M8147A
7348M	5M1186A
7350M	4M8326A
7351M	4M2010A
7352M	5M7214A
7354M	5M1853A
7356M	5M8037A
7361M	5M8302A
7369M	5M7164A
7375M	5M2964A
7375M	5M2964P
7382MA	4M7172A+2T
7382MA	4M7172A
7385MA	4M7182A+2T
7385MA	4M7182A
7386MA	4M7214A+2T
7386MA	4M7214A
7388MA	5M7218A
7391M	5M8378A
7403MA	5M1259A+2T
7405M	4M8379A
7408M	4M1842A
7409M	7M2224A
7411MA	5M8174A
7415M	5M1219A
7416M	6M8702P
7419M	5M2220A
7421M	5M2232A
7426MA	4M7234A
7447MA	5M8214A
884M	5M7264A
994M	5M429A
C129M	5M590H
C130M	5M1432H
C139M	5M429H
C140M	5M1038H
C141M	5M829H

Piston Pin Bush	
1989Y	RB4113
1989Y	8RB4113
2874Y	RB4204
3569Y	4RB4017
3569Y	RB4017
3694Y	RB4028
4064Y	RB4122
4-2874Y	4RB4204
4369Y	RB4160
4469Y	RB4170
4469Y	4RB4170
4-66648Y	RB4121
62039Y	RB4162
62039Y	4RB4162
66444X	RB4165
66579YA	4RB4188
66644YB	RB4161
66649RY	RB4163
66649RY	RB4181

Piston Pin Bush	
66649Y	RB4159
66659XA	RB4154
66694Y	4RB4208
66694Y	RB4208
66694YA	RB4203
66694YA	4RB4203
66729Y	RB4206
66729YA	RB4123
66729YA	4RB4123
68099YA	RB4053

Thrustwasher Set	
1063AF	1T8337
1064AP	1T1869
1099AF	2T8382
1203BF	1T1937
1603AF	2T8352
1736AF	2T1149
1826AF	1T1957
2056BF	2T4302
2873BF	2T2734
2897AFF	1T2712A
3567AF	2T4162
3926AF	2T1695
3952BF	2T1889
3954BF	1T1893
3956BF	2T8063
4081AF	1T2874A
4141AF	2T7715
4176AF	1T8353
4191AF	1T8339
4351F	1T1053A
4456F	1T1867
4481F	1T1934
4693F	1T2952
4706F	1T7214
4707F	1T1853
4709F	1T1219
4741F	1T8037
4766F	1T8302
4806F	1T2964
4831W	1T7172
4922F	1T1842
4961F	1T6115
60476BF	1T7815
60946BF	2T3065A
60987AF	1T1822A
60987AFA	1T2849A
61588AFF	1T1093
61823BFA	1T7768
61904BF	2T7899
62037AF	1T2827A
62047BF	1T7707
62047BFA	1T7709
65192BF	1T1542
66326AF	1T1065A
66411AF	1T7733
66494AF	2T4386
66506BF	1T7803

Thrustwasher Set	
66526AF	1T1649
66646BF	1T7804
66716BF	2T3064A
66721BF	2T7703
66741AF	1T7807
67033BF	2T7962
67277BF	2T1689
67332AF	2T1703
67333AF	2T1705
67341AF	1T1952
68092AF	1T1020A
68156BF	2T1604
B4221AF	1T2905





# INTERCHANGE

# Glyco - ACL

Auxiliary Bearing Set	
07-3088	1BS7006
07-3088/07-308	2BS7006
07-4037	1BS7010
07-4038	1BS7011
17-3720	1BS7009

Camshaft Bearing Set	
N049/4	4C8246
N088/3	3C7936
N118/5	5C7008
N145/3	3C5816
N147/4	4C7004
N147/5	5C7004
N151/6	6C7778A
N161/3	3C3300
N165/4	4C3172
N170/5	5C4326
N182/3	3C3310

Conrod Bearing Set	
01-3040/4	4B8736A
01-3040/5	5B8736A
01-3557/4	4B1846A
01-3584/4	4B8740A
01-3584/5	5B8740A
01-3584/6	6B8740A
01-3841/5	5B5530A
01-3841/6	6B5530A
01-3867/4	4B1615A
01-3874/4	4B5555A
01-3961/4	4B5531A
01-3961/4	4B5531P
01-3977/4	4B7830A
01-4039/4	4B9921A
01-4039/4	4B3200A
01-4040/4	4B7267A
01-4044/4	4B7849A
01-4044/4	4B7849P
01-4100/4	4B5542A
01-4110	3B1012A
01-4114/4	4B1121A
01-4115/4	4B2681A
01-4115/6	6B2681A
01-4116/4	4B3034A
01-4123/4	4B7706A
01-4125/4	4B7700A
01-4127/4	4B1441A
01-4131/4	4B1890A
01-4132/4	4B4376A
01-4133/4	4B7640A
01-4135/4	4B2731A
01-4137/4	4B7826A
01-4138/4	4B7900A
01-4139/4	4B2806A
01-4142/4	4B2166A
01-4142/4	4B943A
01-4146/4	4B1720A
01-4147/4	4B9920A
01-4148/4	4B4135A
01-4149/4	4B7716A

Conrod Bearing Set	
01-4152/4	4B1667A
01-4154/4	4B3040A
01-4155/4	4B7736A
01-4160/4	4B1047A
01-4161/4	4B7860A
01-4162/4	4B7268A
01-4165/4	4B7735A
01-4169/4	4B8101A
01-4171/4	4B1444A
01-4172/4	4B7767A
01-4173/4	4B7712A
01-4174/4	4B2691P
01-4175/4	4B2825A
01-4176/4	4B1022A
01-4177/4	4B1131A
01-4177/6	6B1131A
01-4178/4	4B1062A
01-4179/4	4B7732A
01-4181/4	4B3062A
01-4183/4	4B2162A
01-4184/4	4B1650A
01-4187/4	4B7805A
01-4188/4	4B1063A
01-4189/4	4B7800A
01-4191/4	4B7802A
01-4192/4	4B7806A
01-4195/4	4B7750A
01-4199/4	4B7740A
01-4200/4	4B7730A
01-4202/4	4B7816A
01-4207/4	4B1018A
01-4255/4	4B7908A
01-4259/4	4B5570A
01-4298/4	4B7746A
01-4312	4B2100A
01-4313/4	4B2201P
01-4314/4	4B1030A
01-4316/4	4B603A
01-4319/4	4B2130A
01-4324/4	4B8600A
01-4331/4	4B2206P
01-4332/4	4B1861A
01-4343/4	4B8331A
01-4361/4	4B1816A
01-4362/4	4B2796A
01-4374/6	6B2930A
01-4377/8	8B610A
01-4539/4	4B8351A
01-4558/4	4B7891A
01-4872/3	3B2423A
01-4872/4	4B2423A
01-4979/4	4B2620A
71-0271/4	4B1037P
71-0313/6	6B1041P
71-1459/4	4B2511P
71-1950/4	4B2451A
71-2182/4	4B1506P
71-2182/4	4B1486A
71-2182/6	6B1506P

Conrod Bearing Set	
71-2182/6	6B1486A
71-2195/4	4B1371A
71-2214/6	6B2876P
71-2404/6	6B8734P
71-2724/4	4B2741P
71-2773/4	4B2516P
71-2773/4	4B2516A
71-2974/6	6B2886P
71-2995/4	4B2510P
71-2995/6	6B2510P
71-3084/4	4B1636A
71-3084/4	4B1636P
71-3084/5	5B1636P
71-3084/5	5B1636A
71-3227/4	4B2515A
71-3227/4	4B2515P
71-3227/5	5B2515P
71-3227/5	5B2515A
71-3271/4	4B2740P
71-3271/6	6B2740P
71-3276/4	4B1610A
71-3276/4	4B1610P
71-3419/4	4B1490P
71-3419/6	6B1490A
71-3419/6	6B1490P
71-3442/4	4B5534A
71-3442/4	4B5534P
71-3442/5	5B5534P
71-3442/5	5B5534A
71-3442/6	6B5534A
71-3442/6	6B5534P
71-3476/8	8B8704P
71-3477/8	8B8705P
71-3507/4	4B2010P
71-3531/4	4B2326P
71-3531/4	4B2326A
71-3560/4	4B1370P
71-3560/4	4B1370A
71-3560/6	6B1370A
71-3560/6	6B1370P
71-3566/4	4B1076A
71-3566/4	5B1076A
71-3566/4	4B1076P
71-3566/5	5B1076P
71-3573/6	6B1579P
71-3616/4	4B2726P
71-3626/4	4B2320A
71-3626/4	4B2320P
71-3627/4	4B7740P
71-3628/4	4B7700P
71-3639/4	4B1350A
71-3645/4	4B8741D
71-3645/4	4B8741P
71-3645/5	5B8741D
71-3645/6	6B8741D
71-3694/4	4B1606P
71-3694/4	4B1606A
71-3694/5	5B1606A
71-3694/5	5B1606P

Conrod Bearing Set	
71-3704/4	4B1579P
71-3704/4	4B1579D
71-3704/6	6B1579D
71-3706/8	8B1458P
71-3711/6	6B5546A
71-3711/6	6B5546P
71-3728/4	4B1075P
71-3728/4	4B1075A
71-3730/4	4B1670P
71-3732/4	4B5539D
71-3754/4	4B7880P
71-3754/5	5B7880P
71-3754/6	6B7880P
71-3781/4	4B7755P
71-3817/4	4B2526P
71-3817/6	6B2526P
71-3817/8	8B8706P
71-3821/4	4B2410P
71-3842/4	4B8720P
71-3842/4	4B8720A
71-3847/4	4B5536D
71-3847/5	5B5536D
71-3857/6	6B8724P
71-3857/8	8B8724P
71-3861/4	4B8721D
71-3861/4	4B8721P
71-3869/4	4B5290P
71-3870/4	4B5290D
71-3876	1B8700D
71-3876	1B8700P
71-3876/5	5B8700P
71-3882/3	3B2600P
71-3889/4	4B1685P
71-3902/4	4B9950P
71-3902/5	5B9950P
71-3904/3	3B5537D
71-3904/4	4B5537D
71-3929/4	4B1609P
71-3930/4	4B5538P
71-3930/4	4B5538D
71-3930/5	5B5538D
71-3951/4	4B7760D
71-3952/4	4B7747D
71-3958/4	4B2819P
71-3958/5	5B2819P
71-3986/4	4B7770D
71-3986/4	4B7770P
71-3988/4	4B7816P
71-3994	4B2830P
71-3994	1B2830P
71-3994/5	5B2830P
71-3996/4	4B1046P
71-3998/4	4B8716P
71-4002/4	4B8717P
71-4041/4	4B7845P
71-4082/4	4B7780P
71-4085/4	4B1516D
71-4085/6	6B1516D
71-4118/4	4B2840A





**Conrod Bearing Set**

71-4120/4	4B1049A
71-4122/4	4B1630A
71-4126/4	4B1441P
71-4129/4	4B2872A
71-4129/4	4B2872P
71-4130/4	4B7941P
71-4157/4	4B2822P
71-4157/4	4B2822A
71-4157/5	5B2822A
71-4157/5	5B2822P
71-4158/4	4B1048A
71-4158/4	4B1048P
71-4167/4	4B2162P
71-4168/4	4B1110P
71-4185/4	4B7940P
71-4194/4	4B1136A
71-4198/4	4B3063P
71-4209/5	5B1048P
71-4209/5	5B1048A
71-4218/6	6B2875P
71-4234	4B1090P
71-4234	1B1090P
71-4234	3B1090P
71-4243/4	4B5506P
71-4246/4	4B7775P
71-4246/4	4B7775A
71-4279/4	4B7722P
71-4297/4	4B1816P
71-4309/3	3B8010A
71-4311/4	4B7820A
71-4341/4	4B1886P
71-4357/4	4B1955A
71-4371/6	6B2991
71-4376/4	6B8396A
71-4378/8	8B9965P
71-4379/4	4B603P
71-4382/4	4B4370P
71-4396/4	4B2690A
71-4396/4	4B2690P
71-4528/4	4B1320A
71-4567/4	4B1770P
71-4732/4	4B8306A
71-4744/4	4B7848P
71-4805/4	4B1516P
71-4805/6	6B1516P
71-4806/4	4B1395P
71-4806/6	6B1395P
71-4856/6	6B1839P

**Main Bearing Set**

02-4549 (5)	5M1815A
72-3856	1M8702P
72-3856	1M8702D
72-3856/6	6M8702P
72-3995	5M2884A
72-3995	1M2884A
AEM3385	3M2407A
H003/5	5M2729A
H007/5	5M1538P

**Main Bearing Set**

H007/5	5M1538A
H016/5	5M2727A
H023/5	5M1532P
H023/5	5M1532A
H023/7	7M1532A
H023/7	7M1532P
H024/5	5M1675A
H025/5	5M1643P
H025/5	5M1643A
H026/5	5M1648A
H027/5	5M1644A
H033/5	5M1459A
H034/4	4M5547P
H035/6	6M5532A
H035/7	7M5532A
H036/5	5M8713P
H038/5	5M2015P
H039/5	5M2155A
H046/5	5M7884A
H046/6	6M7884A
H046/7	7M7884A
H048/5	5M2870P
H048/7	7M2870P
H059/5	5M2325A
H059/5	5M2413P
H065/5	5M8722A
H066/4	4M5549A
H069/4	4M8725A
H069/5	5M8725A
H072/4	4M2605A
H077/5	5M5287A
H079/5	5M5540A
H079/5	5M5540P
H084/5	5M1653A
H084/5	5M1668A
H086/5	5M7738A
H097/5	5M7866A
H098/5	5M7808P
H1001/5	5M8718A
H1002/5	5M8719A
H1011/5	5M2895A
H1013/5	5M7850A
H1018/5	5M2276A
H1026/4	4M2942A
H1027/5	5M2942A
H1028/5	5M1442A
H1029/5	5M2734A
H1030/5	5M1112P
H1031/5	5M7768A
H1034/5	5M8102A
H1034/5	5M2826A
H1037/5	5M2682A
H1037/7	7M2682A
H1038/3	3M3161A
H1039/3	3M2807A
H1042/5	5M7909A
H1044/3	3M1065A
H1046/5	5M7733A
H1049/5	5M7946P

**Main Bearing Set**

H1050/7	7M7823P
H1052/5	5M7803A
H1055/5	5M1137A
H1056/5	5M7752A
H1057/5	5M1677A
H1058/5	5M7804A
H1065/5	5M7864A
H1066/5	5M7772A
H1067/5	5M3036A
H1069/5	5M1020A
H1071/5	5M7708A
H1074/5	5M7704A
H1075/5	5M1028A
H1076/5	5M5507A
H1078/5	5M1893A
H1079/5	5M2154A
H1080/5	5M7807A
H1082/4	4M2874P
H1084/5	5M2834A
H1085/5	5M9922A
H1085/5	5M3201A
H1086/5	5M7193A
H1087/5	5M2797A
H1089/5	5M3064A
H1090/7	7M7837P
H1091/5	5M3037A
H1092/5	5M3041A
H1094/5	5M7948P
H1095/5	5M2885A
H1095/6	6M2885A
H1096/4	5M1053A
H1097/7	7M7827P
H1098/5	5M9953A
H1099/5	5M7817A
H1100/5	5M7250A
H1101/5	5M7875A
H1104/5	5M7956P
H1105/5	5M1678A
H1106/5	5M2694P
H1107/5	5M7904A
H1110/5	5M8134A
H1111/5	5M1706A
H1113/5	5M7744A
H1117/3	3M2203P
H1119/7	7M1132A
H1120/5	5M1132A
H1127/5	5M1819A
H1128/5	5M8214A
H113/3	3M8727P
H1133/3	3M1649A
H1136/3	3M2692P
H1138/3	3M1031A
H1142/5	5M9966A
H1146/5	5M4386A
H1149/5	5M1322A
H1154/5	5M4378A
H1160/5	5M1892A
H1161/5	5M2134A
H1174/3	3M2805A

**Main Bearing Set**

H1183/3	3M2204P
H1189/5	5M2217A
H1191/5	5M1777A
H1192/5	5M8353A
H1222/5	5M4375A
H1233/7	7M2394A
H1235/5	5M2167P
H1238/7	7M1588P
H1240/5	5M7899A
H1241/5	5M7894A
H1243/5	5M7888P
H1277/5	5M8307A
H1279/5	5M2698A
H1279/5	5M2698P
H1294/6	6M5558P
H1295/4	4M2425A
H1295/5	5M2425A
H1298/5	5M1518P
H1298/7	7M1518P
H1307/7	7M1837P
H1325/5	5M5543A
H1341/5	5M2628A
H580/5	5M2514P
H581/4	4M2878P
H629/5	5M1548A
H705/7	7M2878P
H783/5	5M2742A
H783/5	5M2742P
H783/7	7M2742P
H783/7	7M2742A
H796/5	5M2519P
H801/5	5M8708P
H853/5	5M2167A
H859/7	7M2880P
H859/7	7M2880A
H901/5	5M1342A
H901/7	7M1342A
H914/5	5M2519A
H914/6	6M2519A
H934/3	3M1372A
H936/4	4M2887A
H941/6	6M1605A
H941/6	6M1605P
H941/7	7M1605P
H941/7	7M1605A
H948/7	7M1539P
H948/7	7M1539A
H951/5	5M8737A
H951/6	6M8737A
H956/7	7M2527A
H956/7	7M2527P
H973/7	7M1507A
H973/7	7M1507P
H975/5	5M1338A
H976/5	5M2018P
H977/5	5M2524A
H981/6	6M1604A
H981/6	6M1604P
H981/7	7M1604P





# INTERCHANGE

# Glyco - ACL

Main Bearing Set	
H981/7	7M1604A
H982/5	5M2327A
H982/5	5M2329A
H996/5	5M7705A
H997/5	5M2873A
H997/6	6M2873A
H997/7	7M2873A

Piston Pin Bush	
55-2528	RB4150
55-2528	6RB4150
55-2528	4RB4150
55-2532	4RB4010
55-2532	RB4010
55-2723	RB4007
55-2723	4RB4007
55-2784	RB4215
55-2789	RB4216
55-2996	6RB4214
55-3205	RB4300
55-3277	4RB4169
55-3277	RB4169
55-3422	RB4146
55-3422	6RB4146
55-3443	4RB4172
55-3443	6RB4172
55-3443	RB4172
55-3516	4RB4212
55-3525	RB4217
55-3543	RB4209
55-3567	RB4170
55-3567	4RB4170
55-3576	RB4151
55-3576	6RB4151
55-3588	4RB4228
55-3588	RB4228
55-3603	6RB4213
55-3603	4RB4213
55-3620	RB4299
55-3625	5RB4227
55-3625	RB4227
55-3625	4RB4227
55-3625	6RB4227
55-3635	RB4229
55-3648	RB4141
55-3648	6RB4141
55-3648	4RB4141
55-3696	5RB4167
55-3696	RB4167
55-3696	4RB4167
55-3698	RB4171
55-3698	4RB4171
55-3705	4RB4147
55-3705	RB4147
55-3705	6RB4147
55-3715	6RB4175
55-3715	RB4175
55-3719	RB4140
55-3729	4RB4168

Piston Pin Bush	
55-3729	RB4168
55-3783	RB4180
55-3830	RB4225
55-3831	RB4226
55-3865	RB4222
55-3873	RB4119
55-3875	4RB4185
55-3875	RB4185
55-3896	RB4221
55-3898	4RB4231
55-3898	6RB4231
55-3898	5RB4231
55-3927	RB4298
55-3937	4RB4148
55-3937	6RB4148
55-3937	RB4148
55-3984	RB4207
55-3985	RB4200
55-3985	4RB4200
55-3987	4RB4166
55-3987	RB4166
55-4000	RB4219
55-4001	RB4220
55-4006	RB4218
55-4050	4RB4134
55-4050	RB4134
55-4051	4RB4182
55-4099	4RB4189
55-4099	RB4189
55-4102	RB4202
55-4134	RB4197
55-4136	RB4204
55-4136	4RB4204
55-4150	RB4199
55-4159	RB4160
55-4186	4RB4188
55-4186	RB4188
55-4190	RB4158
55-4193	RB4159
55-4196	RB4208
55-4196	4RB4208
55-4197	RB4203
55-4197	4RB4203
55-4232	RB4157
55-4233	RB4161
55-4235	RB4154
55-4248	RB883
55-4264	RB4122
55-4265	RB4198
55-4266	4RB4123
55-4266	RB4206
55-4266	RB4123
55-4280	RB4153
55-4288	RB4162
55-4288	4RB4162
55-4294	RB4163
55-4294	RB4181
55-4299	RB4184
55-4393	RB4165

Piston Pin Bush	
55-4394	RB4186
55-4444	RB4211
55-4444	4RB4211
55-4499	RB4201
55-4501	RB4182
55-4505	RB4155
55-4521	RB4002
55-4524	RB4192
55-4540	RB4156
55-4542	RB860
55-4545	RB4036
55-4562	RB4183
55-4572	4RB4149
55-4572	RB4149
55-4715	RB4177
55-4808	RB4152
55-4808	6RB4152
55-4808	4RB4152
55-4856	RB4187

Thrustwasher Set	
A006/4	2T2204
A113/4	2T8737
A123/4	2T1644
A124/4	2T1604
A125/2	1T2018
A127/2	1T2154
A129/4	2T2873
A130/2	1T2729
A132/4	2T2525
A138/4	2T5547
A139/4	2T5532
A141/2	1T2015
A151/4	2T8722
A154/2	1T2605
A161/2	1T7738
A162/2	2T1695
A163/4	2T8718
A168/2	1T7864
A173/4	2T9952
A174/4	2T5509
A175/4	2T8392
A177/2	1T3161
A178/4	2T4242
A179/4	2T2944
A180/2	1T2152
A181/4	2T2734
A182/2	1T2712A
A183/4	2T7837
A184/4	2T2683
A188/4	2T7715
A190/2	1T1053A
A191/2	1T2884A
A195/2	1T7815
A197/2	1T1822A
A198/2	1T2849A
A199/4	2T7899
A201/2	1T2827A
A202/2	1T7707

Thrustwasher Set	
A203/2	1T7709
A204/2	1T1542
A205/2	1T1065A
A208/2	1T7803
A209/2	1T1649
A210/2	1T7804
A211/4	2T7752
A213/4	2T3064A
A214/4	2T7703
A215/2	1T7807
A215/2	1T7808
A217/2	1T7772
A219/2	1T8342
A220/4	2T1367
A221/2	1T1020A
A223/2	1T7904
A225/4	1T1893
A227/2	1T1093
A228/2	1T7733
A229/4	2T1689
A234/4	2T1132
A236/2	1T7768
A237/4	2T4386
A241/2	1T1617
A241/2	1T9922
A246/4	2T1031
A260/2	1T8353
A267/4	1T2407
A273/2	1T7888
A274/4	2T1778
A276/2	1T1853
A284/2	1T1227
A289/2	1T7850
A292/4	2T1614
A297/2	1T7889
A307/3	3T1837



# King - ACL

# INTERCHANGE

## Auxillary Bearing Set

CS1048B 1C1094S

## Camshaft Bearing Set

CS305BB 3C4036

CS3306AM 3C3120

CS410BB 4C654S

CS416BB 4C1115S

CS418BB 4C5826

CS424BB 4C1002BS

CS425BB 4C048AS

CS4409BB 4C1441S

CS512BB 5C875S

CS514BB 5C5616

CS516BB 5C781S

CS527BB 5C1112S

CS529BB 5C4146

CS533BB 5C876S

## Conrod Bearing Set

CR1018XA\*5 5B8700P

CR1294CA 3B1090P

CR1294CA 1B1090P

CR1649XP 6B2500H

CR301AM 3B1012A

CR306AM 3B8010A

CR307AM 3B8336A

CR309AM 3B8020A

CR312AM 3B8324A

CR321AM 3B8323A

CR324AM 3B1266A

CR329AM 3B8023A

CR334CP 3B2600P

CR339AM 3B8120A

CR343CP 3B2423A

CR4002AM 4B8351A

CR4002XP 4B8351HX

CR4002XP 4B8351H

CR4004AM 4B1870A

CR4005AM 4B2770A

CR4006AM 4B7802A

CR4009AM 4B583A

CR4010AM 4B1383A

CR4015AM 4B7805A

CR4017AM 4B2320A

CR4017XP 4B2322H

CR4017XP 4B2322HX

CR4018AM 4B8360A

CR4019AM 4B7820A

CR4019XP 4B7820HX

CR4019XP 4B7820H

CR4020AM 4B8336A

CR4021AM 4B1380A

CR4023SI 4B960A

CR4027AM 4B8380A

CR4028AM 4B8281A

CR4032AM 4B1780P

CR4032AM 4B1780A

CR4032XP 4B1780H

CR4032XP 4B1780HX

CR4033AM 4B1936A

## Conrod Bearing Set

CR4033XP 4B1912HX

CR-4033XP 4B1912H

CR4040AM 4B1810A

CR4042AM 4B1490P

CR4042XP 4B1490HX

CR4042XP 4B1490H

CR4043CP 4B1886P

CR4046AM 4B1956A

CR4046XP 4B1956H

CR4046XP 4B1956HX

CR4049AM 4B1130A

CR4053AM 4B1426A

CR4056AM 4B8340A

CR4059SI 4B1388A

CR405AM 4B2130A

CR4060AM 4B8736A

CR4060AM 4B2515P

CR4060AM 4B2515A

CR4062AM 4B1667A

CR4065AM 4B2746A

CR4071AM 4B8740A

CR4073P 4B7940P

CR4075AM 4B7730A

CR4078AM 4B4376A

CR407AM 4B1630A

CR407XP 4B1630HX

CR407XP 4B1630H

CR4080AM 4B3062A

CR4083CP 4B7941P

CR4085AM 4B1686A

CR408AM 4B1610A

CR408AM 4B1610P

CR4093AM 4B1726A

CR4094CP 4B2510P

CR4096AM 4B8140A

CR4099AM 4B1441A

CR4099CP 4B1441P

CR409AM 4B2451A

CR4102AM 4B1730A

CR4104AM 4B1606A

CR4104CP 4B1606P

CR4104XP 4B1606H

CR4104XP 4B1606HX

CR4105AM 4B8300A

CR4106AM 4B2322A

CR410AM 4B603A

CR410XP 4B603HX

CR410XP 4B603H

CR4119AM 4B8036A

CR4119AM 4B8038A

CR4119XP 4B8036H

CR411AM 4B1636A

CR4120SI 4B1185A

CR4120XP 4B1185HX

CR4120XP 4B1185H

CR4121AM 4B1680A

CR4122AM 4B3034A

CR4125XPG 4B8296H

CR4125XPG 4B8296HX

## Conrod Bearing Set

CR4128AM 4B7706A

CR4129AM 4B1701A

CR4130AM 4B8016A

CR4133AM 4B2726P

CR4135AM 4B8365A

CR4136AM 4B2960A

CR4136XP 4B2960H

CR4136XP 4B2960HX

CR4139AM 4B1955A

CR413AM 4B1690A

CR4141AM 4B2821A

CR4141SI 4B1820A

CR4141SI 4B2816A

CR4145XA 4B2410P

CR4149SI 4B1623A

CR414AM 4B2806A

CR4150SI 4B4135A

CR4151AM 4B7268A

CR4157AM 4B1201A

CR4159AM 4B1151A

CR4159AM 4B1756A

CR416AM 4B7640A

CR4170AM 4B2840A

CR4171AM 4B2822P

CR4171AM 4B2822A

CR4173AM 4B1049A

CR4176CP 4B2162P

CR4179AM 4B2638A

CR417AM 4B2201P

CR4182CP 4B1075A

CR4182CP 4B1075P

CR4186CP 4B1776A

CR4187AM 4B1720A

CR418AM 4B1350A

CR4191CA 4B7755P

CR4191SI 4B7755A

CR4192SX 4B7760D

CR4195AM 4B1635A

CR4196XA 4B5536D

CR4197CP 4B2511P

CR4198AM 4B7735A

CR4202CP 4B1191P

CR4208SI 4B9921A

CR4208SI 4B3200A

CR4209XP 4B8366HX

CR4209XP 4B8366H

CR4213XA 4B5290D

CR4215AM 4B8370A

CR4219AM 4B8376A

CR421AM 4B2326P

CR421AM 4B2326A

CR4224AM 4B8330A

CR4225CP 4B1037P

CR4227CA 4B7816P

CR4229AM 4B8390A

CR422AM 4B7891A

CR4232AM 4B1023A

CR4233AM 4B2323A

CR4235AM 4B1206A

## Conrod Bearing Set

CR4236AM 4B2796A

CR4242AM 4B1910A

CR424AM 4B1269A

CR4251AM 4B1615A

CR4255AM 4B1647A

CR4256AM 4B4565A

CR4257AM 4B1926A

CR4258AM 4B1930A

CR4259AM 4B1931A

CR4262SI 4B8306A

CR4263SI 4B1851A

CR4264CP 4B1506P

CR4269AM 4B1890A

CR426AM 4B2950A

CR426AM 4B1620A

CR4270AM 4B3040A

CR4280XP 4B8320HX

CR4280XP 4B8320H

CR4285CP 4B8240A

CR4285CP 4B8240P

CR4286CP 4B1230P

CR4287AM 4B1925P

CR4287AM 4B1925A

CR4287XP 4B1925H

CR4287XP 4B1925HX

CR4292CP 4B2526P

CR4295AM 4B1750A

CR4296AM 4B5555A

CR4299AM 4B8600A

CR429AM 4B1710A

CR429AM 4B1361A

CR4300AM 4B1250A

CR4304AM 4B7849P

CR4304AM 4B7849A

CR4305AM 4B7830A

CR4306AM 4B7716A

CR4308AM 4B7736A

CR4310AM 4B7880P

CR4320AM 4B2736A

CR4328CP 4B1770P

CR4333CP 4B9950P

CR4345CA 4B1660P

CR4348CP 4B5531P

CR4348CP 4B5531A

CR4349CP 4B8210A

CR4350AM 4B7906A

CR4353XA 4B7770P

CR4353XA 4B7775P

CR4357XA 4B5506P

CR4363SI 4B2296A

CR4365SI 4B7267A

CR436AM 4B1276A

CR4370CA 4B2260P

CR4370CA 4B2260A

CR4372XA 4B7848P

CR4378SI 4B1256A

CR437AM 4B1076A

CR437CP 4B5534A

CR437CP 4B1076P





# INTERCHANGE

# King - ACL

Conrod Bearing Set	
CR437CP	4B5534P
CR4388CP	4B2423A
CR4398SI	4B1978A
CR439AM	4B1946A
CR439AM	4B1946P
CR439XP	4B1946H
CR439XP	4B1946HX
CR4400CP	4B1908A
CR4401AM	4B2691P
CR4405CP	4B2690P
CR4405CP	4B2690A
CR4411AM	4B1370A
CR4418AM	4B1121A
CR4419AM	4B1861A
CR4421AM	4B1110P
CR4423AM	4B745A
CR4424AM	4B2636A
CR4425AM	4B1691A
CR4426AM	4B7900A
CR4429AM	4B2980A
CR442CP	4B1190P
CR4431AM	4B1171A
CR4432AM	4B7767A
CR4437AM	4B1156A
CR4439AM	4B1486A
CR443AM	4B2516A
CR443AM	4B2516P
CR4440AM	4B943A
CR4440XP	4B2166H
CR4440XP	4B2166HX
CR4441AM	4B2206P
CR4442AM	4B2956A
CR4443AM	4B2751A
CR4445AM	4B8291A
CR4448AM	4B8101A
CR444AM	4B1371A
CR4451AM	4B2740P
CR4453AM	4B2824
CR4462AM	4B1950A
CR4463AM	4B1951A
CR4466AM	4B1136A
CR446AM	4B7826A
CR4473AM	4B1062A
CR4476SI	4B984A
CR4481AM	4B1146A
CR4481XP	4B1146H
CR4481XP	4B1146HX
CR4482AM	4B1216A
CR4483AM	4B1018A
CR4485AM	4B1626A
CR4488AM	4B2825A
CR4489AM	4B1266A
CR448AM	4B2406A
CR4493AM	4B7712A
CR4493XP	4B7712HX
CR4493XP	4B7736H
CR4493XP	4B7712H
CR4494SI	4B610A
CR4495AM	4B8331A

Conrod Bearing Set	
CR4496AM	4B1846A
CR4497AM	4B1736A
CR4499AM	4B2162A
CR4500CA	4B2626A
CR4501CA	4B1090P
CR4507SI	4B8170A
CR4507XP	4B8170H
CR4507XP	4B8170HX
CR4512SI	4B1980A
CR4514SI	4B8411A
CR4515SI	4B4390A
CR4515SI	4B4390P
CR4515XP	4B4390HX
CR4515XP	4B4390H
CR4516SI	4B7710A
CR4517XA	4B7886P
CR451AM	4B2100A
CR4528CA	4B1395P
CR4531SX	1B2830P
CR4531SX	4B2830P
CR4533SI	4B2620A
CR4536CA	4B8717P
CR4537CA	4B2903A
CR4537XP	4B2903HX
CR4537XP	4B2903H
CR4540XP	4B1060HX
CR4540XP	4B1060H
CR4541XP	4B1906HX
CR4541XP	4B1906H
CR4542XP	4B1972HX
CR4542XP	4B1972H
CR454AM	4B1012A
CR4586XP	4B1236HX
CR4586XP	4B1236H
CR4587XP	4B2976H
CR4587XP	4B2976HX
CR4590CA	4B1609P
CR4593CP	4B1535P
CR4594XP	4B8440HX
CR4594XP	4B8440H
CR4595XP	4B1110H
CR4596XP	4B1568HX
CR4596XP	4B1568H
CR4597XP	4B1609HX
CR4597XP	4B1609H
CR4599XP	4B2726H
CR4600XP	4B2902H
CR4600XP	4B2902HX
CR4601XP	4B2904HX
CR4601XP	4B2904H
CR4602XP	4B7700H
CR4604XP	4B8172H
CR4604XP	4B8172HX
CR4605XP	4B8336HX
CR4605XP	4B8336H
CR4606XP	4B2010H
CR4605P	4B5538D
CR4605P	4B5538P
CR464AM	4B2681A

Conrod Bearing Set	
CR472AM	4B1366A
CR474SI	4B1320A
CR501AM	5B1636A
CR501AM	5B1606A
CR501AM	5B1636P
CR502CP	5B1076P
CR502CP	5B5534P
CR502CP	5B5534A
CR502CP	5B1076A
CR503AM	5B8736A
CR506AM	5B8740A
CR507AM	5B1048A
CR507AM	5B1048P
CR509AM	5B7880P
CR517AM	5B5530A
CR521CP	5B9950P
CR522XA	4B8741D
CR524SV	5B5538D
CR605SI	6B1238A
CR610AM	6B7160A
CR614AM	6B606A
CR614SI	6B663A
CR618AM	6B2150A
CR618XP	6B2150HX
CR618XP	6B2150H
CR624SI	6B745A
CR640SI	6B699A
CR642SI	6B723A
CR646AM	6B1641A
CR648SI	6B960A
CR650AM	6B2420A
CR6605AM	6B1160A
CR6606AM	6B7971A
CR6607AM	6B1171A
CR6608AM	6B1301P
CR6609AM	6B1486A
CR6614SI	6B610A
CR6615AM	6B1214A
CR6616AM	6B1228A
CR6616SI	6B2360A
CR6617CP	6B5534A
CR6617CP	6B5534P
CR6618AM	6B1227A
CR6619SI	6B1283A
CR6625SI	6B1358A
CR6627AM	6B1630A
CR6629AM	6B1140A
CR6630CP	6B2865A
CR6634AM	6B8040A
CR6636SI	6B1387A
CR6640AM	6B1490A
CR6640CP	6B1490P
CR6640XP	6B1490H
CR6640XP	6B1490HX
CR6641AM	6B8060A
CR6649XP	6B2380H
CR6649XP	6B2380HX
CR6655AM	6B8350A
CR6655AM	6B8149A

Conrod Bearing Set	
CR6658CP	6B1886P
CR6659CP	6B1041P
CR6664SI	6B1443A
CR6664SI	6B2306A
CR6665AM	6B2006A
CR6669AM	6B8061A
CR6670AM	6B2510P
CR6675AM	6B1410A
CR6676SI	6B2390A
CR6676XP	6B2390H
CR6676XP	6B2390HX
CR6678SI	6B5546A
CR6678SI	6B5546P
CR6685AM	6B1840A
CR6686AM	6B8381A
CR6696AM	6B2930A
CR6697XP	6B2960H
CR6697XP	6B2960HX
CR6700AM	6B7880P
CR6706CP	6B2876P
CR6707CP	6B8734P
CR6712SI	6B4500A
CR6716AM	6B8396A
CR6727AM	6B7990A
CR6727XP	6B7990H
CR6727XP	6B7990HX
CR6728AM	6B1360A
CR6735AM	6B1180A
CR6738AM	6B1935A
CR673AM	6B2681A
CR6749CP	6B1579P
CR6750SI	6B5502A
CR6751SI	6B4395A
CR6752XP	6B2630HX
CR6752XP	6B2630H
CR6754XP	6B8100H
CR6754XP	6B8100HX
CR6756CP	6B1506P
CR6757AM	6B5650A
CR6759AM	6B1902A
CR6764AM	6B5530A
CR6764XP	6B5530HX
CR6764XP	6B5530H
CR6775CP	6B2640P
CR6775CP	6B2640A
CR6775XP	6B2640H
CR6776CP	6B2526P
CR6780SI	6B7170A
CR6791AM	6B8146A
CR6809CP	6B2875P
CR6810SI	6B7310A
CR6816SI	6B8306A
CR6822SI	6B7201A
CR6822SI	6B7200A
CR6826SI	6B2270A
CR682AM	10B1442A
CR6837SX	6B1995P
CR6840CP	6B2538P
CR6853XP	6B1497H





Conrod Bearing Set	
CR6853XP	6B1497HX
CR6854XP	6B1515HX
CR6854XP	6B1515H
CR6855XP	6B2452H
CR6855XP	6B2452HX
CR691SI	6B1385A
CR696AM	6B1170A
CR697CP	6B2991
CR8002SI	8B7210A
CR8003SI	8B7280A
CR8007XP	8B2356HX
CR8007XP	8B2356H
CR8028XP	8B1663H
CR8028XP	8B1663HX
CR8030SI	8B7206A
CR8032CP	8B1808P
CR8032CP	8B1808A
CR8032XPN	8B1808HX
CR8032XPN	8B1808H
CR803SI	8B745A
CR803XPN	8B745HX
CR803XPN	8B745H
CR804SI	8B634P
CR804SI	8B634A
CR804XPN	8B634HX
CR804XPN	8B634H
CR805AM	8B481A
CR805CP	8B481P
CR805SI	1B481P
CR805XPN	8B481HX
CR805XPN	8B481H
CR806AM	8B527A
CR806XPND	8B527HD
CR806XPND	8B527HXD
CR807SI	8B663A
CR807XPN	8B663HX
CR807XPN	8B663H
CR807XPND	8B663HXD
CR807XPND	8B663HD
CR808SI	8B743A
CR808XPN	8B743HX
CR808XPN	8B743H
CR808XPND	8B743HXD
CR808XPND	8B743HD
CR809AM	8B760A
CR810AM	8B5242A
CR810AM	8B7260A
CR811SI	8B610A
CR813SI	8B927A
CR813XPN	8B927H
CR814SI	8B831A
CR814SI	8B831P
CR815CP	8B758P
CR816SI	8B818A
CR817AM	8B684A
CR818SI	8B960A
CR819CP	8B1351P
CR829CP	8B1327P
CR868SI	8B1442A

Conrod Bearing Set	
CR868XPN	8B1442H
CR868XPN	8B1442HX
CR873CP	8B1286A
CR874HP	8B818H
CR888XP	8B8091HX
CR888XP	8B8091H
CR890CP	8B9965P
CR896CP	8B1458P

Main Bearing Set	
MB1271XP	4M2505H
MB305AM	3M3427P
MB313AM	3M2205P
MB321AM	3M2203P
MB324AM	3M2805A
MB328AM	3M2204P
MB3305AM	3M2637A
MB3306AM	3M2807A
MB3307AM	3M1142A
MB3312AM	3M2977A
MB3319AM	3M1065A
MB3331AM	3M8293A
MB3343AM	3M2984A
MB3346AM	3M8294A
MB3353CP	3M8727P
MB335AM	3M1372A
MB341AM	3M2407A
MB347AM	3M2215A
MB348AM	3M1692A
MB364AM	3M3161A
MB377CP	5M2514P
MB4007AM	4M1934A
MB4010AM	4M1842A
MB4011AM	4M8379A
MB4012AM	4M8063A
MB4012M	4M8070A
MB4017SI	4M2022A
MB4018SI	4M2309A
MB4023SI	4M2006A
MB4032CP	4M2887A
MB4034SI	4M7295A
MB4040SI	4M2010A
MB4043AM	4M8338A
MB4049SI	4M5564A
MB4050AM	4M1183A
MB4052SI	4M1782A
MB4056SI	4M7262A
MB4057AM	4M1933A
MB4058AM	4M2633A
MB4058XP	4M2633H
MB4058XP	4M2633HX
MB4060SI	4M7278A
MB4062AM	4M1903A
MB4067AM	4M8126A
MB4073SI	4M5547P
MB4074SI	4M7172A
MB4074SI	4M7172A+2T
MB407AM	4M517A
MB4080SI	4M2037A

Main Bearing Set	
MB4089AM	4M2605A
MB409AM	4M771A
MB409AM	4M2126A
MB4101SI	4M2874P
MB4102SI	4M7214A
MB4102SI	4M7214A+2T
MB4103SI	4M7182A
MB4103SI	4M7182A+2T
MB4104XP	4M2737H
MB4104XP	4M2737HX
MB4108AM	4M2425A
MB416AM	4M8011A
MB4271AM	4M1267A
MB4272AM	4M2273A
MB427AM	4M1494A
MB429AM	4M7982A
MB431SI	4M860A
MB438AM	4M1419A
MB440AM	4M2942A
MB443AM	4M960A
MB445SI	4M1454A
MB4508SI	4M1996A
MB4510CP	4M2539A
MB453AM	4M2777A
MB453AM	4M2777P
MB454AM	4M8337A
MB458AM	4M1149A
MB459SI	4M1702A
MB461AM	4M8326A
MB463SI	4M1701A
MB473AM	4M1367A
MB474AM	4M8352A
MB475CP	4M2878P
MB480AM	4M1822A
MB480AM	4M2302A
MB490AM	4M8009A
MB495AM	4M2737A
MB496AM	4M8147A
MB5000AM	5M2942A
MB5007SI	5M2009A
MB5008SI	5M7193A
MB5009AM	5M7250A
MB5012AM	5M3201A
MB5012AM	5M9922A
MB5013XP	5M7298H
MB5013XP	5M7298HX
MB5022AM	5M1202A
MB5022AM	5M1218A
MB5027AM	5M1675A
MB5028AM	5M1648A
MB5031AM	5M9966A
MB5035AM	5M1817A
MB5036AM	5M1053A
MB5037AM	5M2834A
MB5052AM	5M2028A
MB5057AM	5M1777A
MB505AM	5M7904A
MB5062AM	5M7756A
MB5063AM	5M7765A

Main Bearing Set	
MB5065AM	5M4372A
MB506AM	5M1705A
MB5070AM	5M1645A
MB5070SI	5M1654A
MB5074CP	5M1198P
MB5077AM	5M1103A
MB5078SI	5M1819A
MB5081AM	5M7804A
MB5082AM	5M1532A
MB5082XP	5M1538H
MB5082XP	5M1538HX
MB5084AM	5M5287A
MB5085AM	5M8372A
MB5086AM	5M8373A
MB5088SI	5M7164A
MB5089AM	5M8378A
MB5095AM	5M8392A
MB5097AM	5M8133A
MB509AM	5M1038A
MB509XP	5M1038HX
MB509XP	5M1038H
MB5100AM	5M8335A
MB510AM	5M1051A
MB5117AM	5M2873A
MB5118CP	5M2870P
MB511AM	5M1112P
MB511XP	5M1112H
MB5122CP	5M7946P
MB5128AM	5M1867A
MB5129AM	5M1677A
MB512AM	5M2152A
MB512XP	5M2152H
MB512XP	5M2152HX
MB5131AM	5M3064A
MB5132AM	5M4378A
MB5136CP	5M1894P
MB5138AM	5M2524A
MB5145AM	5M1728A
MB5148SI	5M1948A
MB5157AM	5M1188A
MB5158AM	5M2134A
MB5168AM	5M1947A
MB5168AM	5M1937A
MB5168AM	5M1952A
MB5171AM	5M8302A
MB5176AM	5M8037A
MB5176XP	5M8037H
MB5177AM	5M1186A
MB5179AM	5M2329A
MB517AM	5M1266A
MB5180AM	5M7807A
MB5180XP	5M7807H
MB5180XP	5M7807HX
MB5181CP	5M1563P
MB5182AM	5M7704A
MB5193AM	5M1429A
MB519AM	5M2682A
MB5208AM	5M3037A
MB5209XP	5M1186H





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Main Bearing Set	
MB5209XP	5M1186HX
MB5219SI	5M7141A
MB521AM	5M1124A
MB5220XP	5M8297H
MB5220XP	5M8297HX
MB5226AM	5M8138A
MB5227AM	5M1144A
MB5227XP	5M1144HX
MB5227XP	5M1144H
MB5228AM	5M1137A
MB5229AM	5M2967A
MB522AM	5M7894A
MB5230AM	5M1623A
MB5232XP	5M1633HX
MB5232XP	5M1633H
MB5238AM	5M8017A
MB523AM	5M2742A
MB523AM	5M2742P
MB5240AM	5M2729A
MB5243AM	5M2964A
MB5243XP	5M2964H
MB5243XP	5M2964HX
MB5244AM	5M1932A
MB5245AM	5M2747A
MB5247AM	5M2325A
MB524A	5M1153A
MB524AM	5M1217A
MB5251CP	5M1197P
MB5256AM	5M1204A
MB5257CP	5M2091P
MB5259AM	5M1959P
MB5259AM	5M1959A
MB5259XP	5M1959H
MB5259XP	5M1959HX
MB5262AM	5M2797A
MB526AM	5M1342A
MB5270AM	5M7313A
MB5278AM	5M1743A
MB5278XP	5M1743H
MB5278XP	5M1743HX
MB5280SI	5M7296A
MB5280XP	5M7296HX
MB5280XP	5M7296H
MB5281SI	5M5647A
MB5283XP	5M5647HX
MB5283XP	5M5647H
MB5284SI	5M7214A
MB5285AM	5M8307A
MB5286XP	5M8088HX
MB5286XP	5M8088H
MB5287AM	5M1853A
MB5293SI	5M7298A
MB5295AM	5M1892A
MB5296AM	5M1893A
MB529SI	5M590A
MB529XP	5M590H
MB529XP	5M590HX
MB5304AM	5M8353A
MB5304XP	5M8353H

Main Bearing Set	
MB5304XP	5M8353HX
MB5305AM	5M1633A
MB5310CP	5M1837P
MB5311CP	5M1747P
MB5312AM	5M8242A
MB5315AM	5M1219A
MB5315XP	5M1219H
MB5315XP	5M1219HX
MB5317AM	5M2678A
MB5332CP	5M1748A
MB5334AM	5M1459A
MB5337SI	5M5540P
MB5337SI	5M5540A
MB5338AM	5M8602A
MB533AM	5M8102A
MB5344AM	5M8601A
MB5349AM	5M7817A
MB534AM	5M1172A
MB5350AM	5M7865A
MB5351AM	5M7884A
MB5352AM	5M7864A
MB5353S	5M2007A
MB5359AM	5M8142A
MB535AM	5M1704A
MB5367AM	5M2056A
MB536AM	5M2519P
MB536AM	5M2519A
MB5370AM	5M7253A
MB5371SI	5M1176A
MB5371SI	5M7282A
MB5372CP	5M1778P
MB5373AM	5M2949A
MB5375AM	5M1857A
MB5376AM	5M9953A
MB537AM	5M7768A
MB5381XP	5M2357H
MB5381XP	5M2357HX
MB5382XPG	5M8309H
MB5382XPG	5M8309HX
MB5391AM	5M5533A
MB5394AM	5M8214A
MB5399SI	5M7772A
MB5405AM	5M1227A
MB540AM	5M2817A
MB5412SI	5M2885A
MB5413SI	5M2232A
MB5414SI	5M2895A
MB5422AM	5M2425A
MB5423SI	5M1852A
MB5428CP	5M1909A
MB5428SI	5M1979A
MB5429SI	5M2627A
MB542AM	5M7899A
MB5436SI	5M1091A
MB5442SI	5M8174A
MB544AM	5M1548A
MB545AM	5M1084A
MB546AM	5M1239A
MB546AM	5M1139A

Main Bearing Set	
MB547AM	5M1697A
MB548AM	5M1864A
MB549AM	5M2757A
MB5501AM	5M8342A
MB5502AM	5M1050A
MB5503SI	5M1010A
MB5503XP	5M1010HX
MB5503XP	5M1010H
MB5504SI	5M981A
MB5505SI	5M1432A
MB5505XP	5M1432HX
MB5505XP	5M1432H
MB5507AM	5M1455A
MB5508AM	5M7705A
MB5510AM	5M8334A
MB5511CP	5M483A
MB5513AM	5M2154A
MB5514AM	5M805A
MB5515AM	5M4386A
MB5516AM	5M1457A
MB5517AM	5M1415A
MB5518AM	5M1041A
MB5519AM	5M1338A
MB551AM	5M1102A
MB5520AM	5M2327A
MB5521AM	5M1533A
MB5523AM	5M496A
MB5525AM	5M1557A
MB5527AM	5M1695A
MB5527XP	5M1695HX
MB5527XP	5M1695H
MB5528AM	5M8134A
MB5529AM	5M8572A
MB552AM	5M1715A
MB552AM	5M1689A
MB5530AM	5M1524A
MB5531AM	5M1567A
MB5532SI	5M1733A
MB5533SI	5M7157A
MB5534SI	5M1344A
MB5537AM	5M8354A
MB5540SI	5M1869A
MB5544AM	5M7803A
MB5545AM	5M2769A
MB5546AM	5M3501A
MB5547AM	5M1629A
MB5549A	5M1028A
MB5549AM	5M1442A
MB554AM	5M429A
MB554XP	5M429H
MB554XP	5M429HX
MB5553AM	5M2018P
MB5554AM	5M8361A
MB5554XP	5M8361H
MB5554XP	5M8361HX
MB5556AM	5M8337A
MB5557SI	5M7124A
MB5558SI	5M1706A
MB5559AM	5M1882A

Main Bearing Set	
MB555AM	5M876A
MB5560SI	5M1568A
MB5563AM	5M8282A
MB5564AM	5M8382A
MB5566AM	5M1644A
MB5566XP	5M1644H
MB5566XP	5M1644HX
MB5568AM	5M1957P
MB5568AM	5M1957A
MB5568XP	5M1957H
MB5568XP	5M1957HX
MB5569AM	5M7708A
MB556SI	5M829A
MB556XP	5M829HX
MB556XP	5M829H
MB5575AM	5M2683A
MB5576AM	5M1815A
MB5578AM	5M1538A
MB5578AM	5M1538P
MB5579AM	5M1884A
MB5579CP	5M1884P
MB557SI	5M909A
MB557XP	5M909H
MB557XP	5M909HX
MB5586AM	5M1824A
MB5587AM	5M8339A
MB5589AM	5M5507A
MB558SI	5M540A
MB5590SI	5M8511A
MB5591AM	5M8737A
MB5592AM	5M1678A
MB559AM	5M863A
MB5621SI	5M7850A
MB5627AM	5M3044A
MB5627AM	5M3041A
MB5628AM	5M3045A
MB5641AM	5M1259A+2T
MB5641SI	5M1259A
MB5644CP	1M2884A
MB5644CP	5M2884A
MB5646SI	5M8412A
MB5648SI	5M7888P
MB5650SI	5M1039A
MB5650SI	5M1039P
MB5650XP	5M1039H
MB5650XP	5M1039HX
MB5654CP	5M2015P
MB5656SI	5M8458A
MB5658AM	5M1267A
MB5659SI	5M2220A
MB5659XP	5M2220HX
MB5659XP	5M2220H
MB5661SI	5M1668A
MB5662AM	5M1397A
MB5663SI	5M8438A
MB5664AM	5M2628A
MB5667SI	5M2918A
MB5672XP	5M2167H
MB5672XP	5M2167HX





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Main Bearing Set	
MB5673XP	5M1913H
MB5673XP	5M1913HX
MB5675AM	5M2276A
MB5682SI	5M7218A
MB5721XP	5M2975HX
MB5721XP	5M2975H
MB5722XP	5M1237HX
MB5722XP	5M1237H
MB5727XP	5M8443HX
MB5727XP	5M8443H
MB5729XP	5M2797HX
MB572AM	5M1627A
MB5730XP	5M2908H
MB5730XP	5M2908HX
MB5731XP	5M8337HX
MB5731XP	5M8337H
MB577AM	5M1143A
MB578AM	5M1167A
MB580AM	5M1703A
MB582AM	5M1117A
MB582XP	5M1117H
MB582XP	5M1117HX
MB583AM	5M1802A
MB583AM	5M7264A
MB589AM	5M2217A
MB590AM	5M7733A
MB592AM	5M1424A
MB593AM	5M1020A
MB596AM	5M1362A
MB597AM	5M1322A
MB601AM	6M1605A
MB601AM	6M1605P
MB605AM	6M1604P
MB605AM	6M1604A
MB606AM	6M2873A
MB607SI	6M2885A
MB608AM	6M2519A
MB609AM	6M8737A
MB612AM	6M7884A
MB621AM	6M7296A
MB622AM	6M5532A
MB624XA	6M8702P
MB626AM	6M9952A
MB632CP	6M5558P
MB7001AM	7M1604P
MB7008XP	7M2394HX
MB7008XP	7M2394H
MB7021CP	7M2878P
MB7023AM	7M7884A
MB7026P	7M1305P
MB7028AM	7M8397A
MB7029AM	7M1388A
MB7039AM	7M1532A
MB7039XP	7M1532H
MB7039XP	7M1532HX
MB7049A	7M7989A
MB7058AM	7M2394A
MB7063XP	7M2092H
MB7063XP	7M2092HX

Main Bearing Set	
MB7084AM	7M8103A
MB7084XP	7M8103HX
MB7084XP	7M8103H
MB7089AM	7M5532A
MB7089XP	7M5532HX
MB7089XP	7M5532H
MB7092AM	7M2428A
MB7092XP	7M2428HX
MB7092XP	7M2428H
MB7100AM	7M1604A
MB712CP	7M7823P
MB717CP	7M7837P
MB727AM	7M2682A
MB738AM	7M1122A
MB752SI	7M617A
MB760SI	7M979A
MB762AM	7M2126A
MB763AM	7M704A
MB767AM	7M1164A
MB768AM	7M1172A
MB7703XP	7M2158HX
MB7703XP	7M2158H
MB7704XP	7M2398HX
MB7704XP	7M2398H
MB7705CP	7M2870P
MB7705CP	7M2869P
MB770AM	7M1507A
MB7713CP	7M1884P
MB7716CP	7M2880P
MB7716CP	7M2880A
MB7719AM	7M8874A
MB7721AM	7M2873A
MB776AM	7M1605P
MB776AM	7M1605A
MB785AM	7M1389A
MB787AM	7M1165A
MB788CP	7M2997
MB798CP	7M1539A

Thrustwasher Set	
TW1003AM	1T611S
TW1005AM	1T2884A
TW1006AM	1T7850
TW1008AM	1T2628
TW1009AM	1T2849A
TW1015SI	1T1996
TW1020AM	1T2539
TW1039AM	1T2605
TW104AM	1T2712A
TW105AM	1T1822A
TW106AM	1T2152
TW109AM	1T2407
TW110AM	1T1952
TW113AM	1T2827A
TW118AM	1T1824
TW118AM	1T3286
TW121AM	1T7815
TW132AM	1T7707
TW133AM	1T8353

Thrustwasher Set	
TW134AM	1T8337
TW135AM	1T7803
TW139AM	1T2964
TW140AM	1T1957
TW141AM	1T1869
TW142AM	1T1867
TW143AM	1T8037
TW144AM	1T8339
TW145AM	1T8017
TW146AM	1T1893
TW147AM	1T8011
TW151AM	1T1934
TW152AM	1T1937
TW156AM	1T8302
TW158AM	1T1183
TW159AM	1T2769
TW160AM	1T8342
TW162AM	1T7807
TW162AM	1T7808
TW163AM	1T1192
TW164AM	1T1020A
TW166AM	1T7809
TW167AM	1T7214
TW168AM	1T8307
TW170AM	1T7172
TW171AM	1T1842
TW172AM	1T1649
TW173AM	1T1219
TW174AM	1T1227
TW179AM	1T7772
TW185AM	1T1853
TW186AM	1T1542
TW188AM	1T1053A
TW191AM	1T1065A
TW193AM	1T8412
TW199AM	1T7888
TW2002AM	1T2952
TW2004AM	2T8737
TW2008AM	2T2873
TW2009AM	2T1604
TW2010AM	2T1644
TW2014AM	2T5509
TW204AM	2T4302
TW208AM	2T2683
TW210AM	2T7962
TW212AM	2T7899
TW214AM	2T2167
TW222AM	2T4162
TW225AM	2T8062
TW226AM	2T1689
TW230AM	2T1703
TW231AM	2T1695
TW234AM	2T1705
TW238AM	2T4242
TW244AM	2T3064A
TW246AM	2T7703
TW247AM	2T1149
TW248AM	2T8382
TW249AM	2T8063

Thrustwasher Set	
TW256AM	2T8352
TW257AM	2T8379
TW260AM	2T2944
TW261AM	2T1727
TW262AM	2T1888
TW263AM	2T1889
TW268AM	2T2134
TW271AM	2T2633
TW272AM	2T1367
TW276A	2T1362
TW278AM	2T8372
TW280AM	2T8392
TW285AM	2T8377
TW287AM	2T7989
TW293AM	2T1887
TW296AM	2T7715
TW299AM	2T1778
TW308AM	3T1837





# INTERCHANGE

# KS - ACL

### Camshaft Bearing Set

77 685 600 10C7005

### Conrod Bearing Set

77 082 608 4B7640A  
 77 084 608 4B7826A  
 77 087 608 4B7746A  
 77 087 608 4B7700A  
 77 088 608 4B7712A  
 77 089 608 4B7820A  
 77 092 608 4B7805A  
 77 095 608 4B7891A  
 77 097 608 4B7730A  
 77 099 608 4B2731A  
 77 101 608 4B7750A  
 77 123 608 4B8101A  
 77 126 608 4B7806A  
 77 128 608 4B7740A  
 77 136 608 4B7838A  
 77 155 600 4B7941P  
 77 213 600 4B1075P  
 77 213 600 4B1075A  
 77 218 600 6B1579D  
 77 219 600 5B8741D  
 77 220 600 6B8741D  
 77 269 600 5B2515A  
 77 269 600 5B2515P  
 77 270 600 4B2326A  
 77 270 600 4B2326P  
 77 272 600 4B2320P  
 77 272 600 4B2320A  
 77 274 600 4B2410P  
 77 277 600 4B1579D  
 77 277 600 4B1579P  
 77 287 600 4B8741D  
 77 287 600 4B8741P  
 77 288 600 4B5536D  
 77 292 600 5B5536D  
 77 305 600 4B5570A  
 77 307 600 4B1615A  
 77 335 600 3B2423A  
 77 338 600 4B5539D  
 77 422 600 8B8705P  
 77 514 600 6B8724P  
 77 515 600 8B8724P  
 77 521 600 4B8700P  
 77 521 600 4B8700D  
 77 522 600 5B8700D  
 77 522 600 5B8700P  
 77 523 600 6B8700P  
 77 523 600 6B8700D  
 77 529 600 4B5290P  
 77 529 600 4B5290D  
 77 530 600 4B2526P  
 77 531 600 6B2526P  
 77 532 600 8B8706P  
 77 535 600 4B5544P  
 77 552 600 4B5531P  
 77 552 600 4B5531A  
 77 554 600 4B5537D

### Conrod Bearing Set

77 555 600 4B5538P  
 77 555 600 4B5538D  
 77 556 600 3B5537D  
 77 557 600 4B2423A  
 77 581 600 4B1609P  
 77 634 600 4B2681A  
 77 636 600 6B2681A  
 77 695 600 4B5555A  
 77 696 600 3B2600P  
 77 698 600 6B5546P  
 77 703 600 6B5546A  
 77 714 600 4B7747D  
 77 736 600 4B7735A  
 77 752 600 4B7816P  
 77 766 600 4B1018A  
 77 773 600 4B1670P  
 77 803 600 5B5538D  
 77 820 600 5B5530A  
 77 822 600 6B5530A  
 77 836 600 4B5542A  
 77 837 600 4B5506P  
 77 838 600 4B7906A  
 77 841 600 3B5560A  
 77 867 600 4B7886P  
 77 872 600 4B7770P  
 77 872 600 4B7770D  
 77 873 600 4B7775P  
 77 873 600 4B7775A  
 77785600 4B4135A  
 87 200 600 4B1606A  
 87 200 600 5B1606P  
 87 200 600 4B1606P  
 87 200 600 5B1606A  
 87 227 600 4B1490P  
 87 275 600 4B4376A  
 87 371 600 4B2166A  
 87 409 600 4B1350A  
 87 417 600 6B8740A  
 87 419 600 5B8740A  
 87 436 600 4B8740A  
 87 450 600 4B2510P  
 87 462 600 6B5534A  
 87 462 600 6B5534P  
 87 463 600 5B5534A  
 87 463 600 5B5534P  
 87 464 600 4B1076P  
 87 464 600 4B1076A  
 87 464 600 4B5534A  
 87 464 600 4B5534P  
 87 490 600 6B1490A  
 87 490 600 6B1490P  
 87 494 600 6B2510P  
 87 497 600 6B2740P  
 87 580 600 4B2450P  
 87 688 600 4B2515P  
 87 688 600 4B2515A  
 87 694 600 5B8736A  
 87 696 600 4B8736A  
 87 701 600 4B1610A

### Conrod Bearing Set

87 701 600 4B1610P  
 87 723 600 5B1636A  
 87 723 600 4B1636P  
 87 723 600 5B1636P  
 87 723 600 4B1636A  
 87 731 600 6B1506P  
 87 731 600 6B1486A  
 87 739 600 6B2886P  
 87 744 600 4B2516P  
 87 744 600 4B2516A  
 87 756 600 6B1370A  
 87 756 600 6B1370P  
 87 758 600 4B1370P  
 87 758 600 4B1370A  
 87 801 600 4B1506P  
 87 801 600 4B1486A  
 87 803 600 4B1037P  
 87 845 608 4B7900A  
 87 954 600 4B2511P  
 87 993 600 4B1371A  
 87 998 600 4B2451A  
 CB-2301GP 3B8323A  
 CB-2302GP 3B8324A

### Main Bearing Set

77 083 608 3M3161A  
 77 085 608 5M7909A  
 77 086 608 5M7894A  
 77 090 608 5M7807A  
 77 091 608 5M8102A  
 77 096 608 5M7899A  
 77 098 608 5M1677A  
 77 100 608 5M2734A  
 77 102 608 5M7752A  
 77 122 618 5M7705A  
 77 124 608 5M7803A  
 77 125 608 5M7804A  
 77 127 608 5M7708A  
 77 130 608 5M7744A  
 77 131 608 5M7704A  
 77 152 600 5M1653A  
 77 154 600 5M7948P  
 77 235 600 5M8713P  
 77 278 600 5M1532A  
 77 278 600 5M1532P  
 77 306 600 3M5573A  
 77 324 600 3M5572A  
 77 324 600 3M5556A  
 77 327 600 5M2155A  
 77 336 600 4M2425A  
 77 512 600 4M8725A  
 77 513 600 5M8725A  
 77 518 600 5M8702P  
 77 518 600 5M8702D  
 77 519 600 6M8710D  
 77 519 600 6M8702D  
 77 519 600 6M8702P  
 77 519 600 6M8710P  
 77 520 600 7M8702D

### Main Bearing Set

77 520 600 7M8702P  
 77 527 600 5M5287A  
 77 533 600 5M2325A  
 77 534 600 5M5543A  
 77 537 600 5M1668A  
 77 551 600 5M5533A  
 77 553 600 5M5540A  
 77 553 600 5M5540P  
 77 558 600 5M2425A  
 77 559 600 4M5552A  
 77 641 600 7M2682A  
 77 697 700 4M2605A  
 77 699 600 4M5547P  
 77 700 600 4M5549A  
 77 753 600 5M7808P  
 77 767 600 5M1020A  
 77 781 600 5M2797A  
 77 819 600 6M5532A  
 77 821 600 7M5532A  
 77 839 600 5M7864A  
 77 840 600 5M7865A  
 77 850 600 4M5548P  
 77 868 600 5M7888P  
 77 874 600 5M7772A  
 77784600 5M1678A  
 77786600 5M7193A  
 77846600 7M7827P  
 87 205 600 5M1643A  
 87 205 600 5M1643P  
 87 274 600 5M4378A  
 87 368 600 5M1538P  
 87 368 600 5M1538A  
 87 369 600 7M1532P  
 87 369 600 7M1532A  
 87 370 600 5M2167A  
 87 372 600 5M2154A  
 87 393 600 5M2327A  
 87 393 600 5M2329A  
 87 410 600 5M1338A  
 87 414 600 7M1604A  
 87 414 600 7M1604P  
 87 416 600 7M2873A  
 87 418 600 6M2873A  
 87 420 600 5M1648A  
 87 421 600 5M1675A  
 87 434 600 7M1507P  
 87 434 600 7M1507A  
 87 435 600 5M2873A  
 87 451 600 5M2524A  
 87 454 600 6M1604P  
 87 454 600 6M1604A  
 87 460 600 7M1605A  
 87 460 600 7M1605P  
 87 461 600 6M1605P  
 87 461 600 6M1605A  
 87 470 600 7M2527P  
 87 470 600 7M2527A  
 87 474 600 4M2887A  
 87 475 600 5M1653P



## KS - ACL

## INTERCHANGE

### Main Bearing Set

87 488 600	6M8737A
87 489 600	5M8737A
87 491 601	7M1539P
87 491 601	7M1539A
87 495 600	7M2880A
87 495 600	7M2880P
87 497 600	7M2742A
87 581 600	5M1644A
87 693 600	6M2519A
87 695 600	5M2519A
87 718 600	5M8708P
87 722 600	5M1654P
87 722 600	5M1654A
87 741 600	5M2519P
87 755 600	7M1342A
87 779 610	7M2742P
87 800 601	5M1548A
87 802 600	3M8727P
87 836 600	5M2742A
87 836 600	5M2742P
87 837 600	5M2514P
87 846 608	5M7904A
87 994 600	3M1372A
MS-2301GP	4M8326A

### Piston Pin Bush

77 135 698	RB4204
77 135 698	4RB4204
77 150 690	4RB4167
77 150 690	RB4167
77 151 690	5RB4167
77 153 600	RB4188
77 153 600	4RB4188
77 198 690	4RB4173
77 198 690	RB4173
77 199 690	4RB4176
77 199 690	RB4176
77 214 690	RB4168
77 214 690	4RB4168
77 524 690	6RB4231
77 524 690	5RB4231
77 524 690	4RB4231
77 536 690	RB4174
77 536 690	4RB4174
77 585 690	RB4141
77 585 690	4RB4141
77 704 690	6RB4175
77 704 690	RB4175
77 705 690	4RB4178
77 705 690	RB4178
77 729 690	RB4226
77 859 600	RB4002
87 289 690	RB4053
87 295 690	RB4150
87 295 690	6RB4150
87 295 690	4RB4150
87 322 690	4RB4227
87 322 690	RB4227
87 322 690	6RB4227

### Piston Pin Bush

87 322 690	5RB4227
87 326 690	6RB4213
87 326 690	4RB4213
87 329 690	6RB4141
87 330 690	6RB4214
87 334 690	4RB4212
87 341 690	4RB4010
87 341 690	RB4010
87 342 690	6RB4172
87 345 690	RB4042
87 362 690	RB4007
87 362 690	4RB4007
87 582 691	RB4171
87 838 890	6RB4151
87 838 890	RB4151

### Thrustwasher Set

77 273 600	1T2605
77 359 600	1T7809
77 850 618	1T3161
78 616 600	2T8737
78 635 600	2T1644
78 639 600	2T1604
78 662 600	2T2873
78 715 600	2T2525
78 721 600	1T2154
78 853 608	1T7707
78 854 608	2T7899
78 855 608	2T2734
78 859 608	1T7807
78 859 608	1T7808
78 860 608	1T7803
78 863 608	2T7703
78 865 608	2T7752
78 866 608	1T7804
78 951 600	1T5573
78 959 600	1T5572
78718600	1T1649
78724600	2T2167
78735800	1T2152
79 221 600	2T5535
79 233 600	2T5533
79 249 600	2T2683
79 274 600	2T5547
79 296 600	2T5549





# INTERCHANGE

# NDC - ACL

### Auxiliary Bearing Set

DB-1152B	2BS8286
DB-1171B	2BS8078

### Balance Shaft Bearing Set

BB-1085A	3BS8385
BB-1131A	3BS8288
BB-1164A	3BS8387
BB-1811A	3BS8389
BB-2011A	6BS8033
BB-2500A	4BS8452
BB-2501A	2BS8453
BB-2805A	4BS2938
JB-1174B	2BS8273

### Camshaft Bearing Set

SH-1002B	4C4286
SH-1003B	3C4036
SH-1004B	4C4036
SH-1006B	3C4018
SH-1019B	5C4146
SH-1024B	4C8566A
SH-1032B	3C6127
SH-1056B	4C8066
SH-1060B	3C8006
SH-1061B	3C8276
SH-1062B	3C8482A
SH-1068A	4C8076
SH-1070B	3C8116
SH-1080B	4C8056
SH-1084B	5C4195
SH-1100B	4C8081
SH-1104B	5C8186
SH-1107B	5C7969
SH-1122B	3C4212
SH-1123B	4C7979
SH-1129B	6C8081
SH-1141B	3C1764A
SH-1158A	3C8454A
SH-1161A	3C8074
SH-1163B	3C8081
SH-1166B	5C8083
SH-1190B	5C4055
SH-1191B	4C4042
SH-1195B	7C4065
SH-1199B	7C4067
SH-1401B	3C8071
SH-1403B	4C8052
SH-1407B	5C8045
SH-1417B	5C8215
SH-1418B	5C8217
SH-1428B	5C8205
SH-1431A	5C8094
SH-1436A	1C8398A
SH-1605B	3C8127
SH-1620B	5C6128A
SH-1622B	3C8084
SH-1631A	5C8553A
SH-1640A	5C8554A
SH-2109B	3C8230A
SH-2502A	5C8460A

### Camshaft Bearing Set

### Conrod Bearing Set

CB-1001GP	6B1301P
CB-1002GP	4B2751A
CB-1007GP	4B2636A
CB-1025GP	4B1141A
CB-1027GP	4B1351A
CB-1029GP	4B1366A
CB-1032GP	4B2816A
CB-1035A	4B1691A
CB-1041GP	6B1356P
CB-1044GP	4B1171A
CB-1046A	4B2980A
CB-1058GP	6B1366P
CB-1062GP	4B8479A
CB-1070GP	4B1320A
CB-1075GP	4B1760P
CB-1082A	4B1156A
CB-1084GP	6B1171A
CB-1084GP	6B2716P
CB-1085A	4B1146A
CB-1086A	4B1626A
CB-1117GP	4B1686A
CB-1121A	4B1786A
CB-1122GP	4B2756P
CB-1123A	6B7971A
CB-1124GP	4B8291A
CB-1131A	4B1136A
CB-1134GP	4B1950A
CB-1137A	4B8493A
CB-1137A/CB-10	4B1361A
CB-1137GP	4B1630A
CB-1141A	4B1756A
CB-1142GP	4B1951A
CB-1153GP	4B8144A
CB-1153GP	4B1776A
CB-1158A	4B1426A
CB-1161A	4B1726A
CB-1168A	4B8331A
CB-1169A	4B1736A
CB-1171GP	6B1160A
CB-1173GP	4B1630P
CB-1174GP	4B1620A
CB-1175GP	2B1990A
CB-1177GP	6B1630A
CB-1177GP	6B1630P
CB-1179A	4B1266A
CB-1181GP	4B1750A
CB-1190GP	4B2966A
CB-1192GP	4B2948A
CB-1195GP	6B2966P
CB-1199A	6B2955A
CB-1200GP	4B2673A
CB-1202A	4B2770A
CB-1203GP	6B2389A
CB-1204GP	4B2638A
CB-1206GP	6B2390A
CB-1207A	6B2930A
CB-1208A	4B2950A

### Conrod Bearing Set

CB-1209GP	4B2746A
CB-1213GP	4B2960P
CB-1213GP	4B2960A
CB-1214GP	8B2570P
CB-1216GP	6B2960P
CB-1216GP	6B2960A
CB-1217A	4B8570A
CB-1219GP	6B2630P
CB-1219GP	6B2630A
CB-1221A	4B1435A
CB-1223GP	6B2640A
CB-1223GP	6B2640P
CB-1224A	4B2660A
CB-1226GP	4B2620A
CB-1227A	4B2634A
CB-1228A	4B2907A
CB-1229A	4B2626A
CB-1232GP	6B2538P
CB-1400A	4B1690A
CB-1401A	4B8280A
CB-1402GP	6B8470A
CB-1403A	6B1360A
CB-1403A	6B8493A
CB-1404A	4B8360A
CB-1406A	4B1730A
CB-1407A	4B8281A
CB-1408A	4B8370A
CB-1410GP	4B1710A
CB-1413A	6B7986A
CB-1414GP	6B1170A
CB-1415A	4B8390A
CB-1416A/CB-10	4B1101A
CB-1419A	4B8366A
CB-1420GP	6B8472A
CB-1420GP	6B8472P
CB-1421A	4B8371A
CB-1422GP	4B1714A
CB-1423GP	6B8040A
CB-1424A	4B8380A
CB-1425GP	4B1780P
CB-1427A	6B1376A
CB-1428A	4B8375A
CB-1429A	4B8285A
CB-1430A	4B8414A
CB-1433A	6B8471A
CB-1434GP	6B8100A
CB-1435A	4B8376A
CB-1436A	6B8396A
CB-1437GP	6B8060A
CB-1438A	6B7990A
CB-1439A	5B8396A
CB-1440GP	8B8091P
CB-1441GP	4B8365A
CB-1445GP	6B8061A
CB-1446A	4B8486A
CB-1448A	4B8395A
CB-1449A	4B8364A
CB-1450A	4B8155A
CB-1451A	4B1680A

### Conrod Bearing Set

CB-1452A	4B1850A
CB-1453A	4B8391A
CB-1454A	4B8411A
CB-1455A	6B8381A
CB-1456A	4B8210A
CB-1457A	4B1851A
CB-1458A	6B8262A
CB-1460A	4B8407A
CB-1461A	4B8224A
CB-1462A	4B8225A
CB-1463A	3B8421A
CB-1603GP	4B1886P
CB-1612GP	6B1886P
CB-1616GP	4B1881A
CB-1620GP	4B2821A
CB-1621A	4B1870A
CB-1622GP	4B1890A
CB-1624A	4B1816A
CB-1626GP	4B1826A
CB-1627A	4B1820A
CB-1628GP	4B2815A
CB-1631GP	4B1836P
CB-1632GP	6B1831P
CB-1639GP	6B1839P
CB-1640GP	4B1854P
CB-1800A	2B8577A
CB-1807GP	4B1535P
CB-1808GP	6B1536P
CB-1812GP	4B1196P
CB-1820GP	6B1230P
CB-1822A	6B1140A
CB-1823A	6B1150A
CB-1824A	3B8583A
CB-1825A	4B1130A
CB-1827A	4B1185A
CB-1828A	4B8036A
CB-1829GP	4B8038A
CB-1830GP	4B1230P
CB-1831GP	4B1190P
CB-1832GP	4B1770P
CB-1835GP	4B1235P
CB-1836GP	4B1234P
CB-1842A	6B1180A
CB-1844GP	4B8589A
CB-2002GP	6B1760P
CB-2004A	4B2130A
CB-2007A	4B8143A
CB-2008A	4B8351A
CB-2009A	4B8140A
CB-2010A	6B8350A
CB-2012A	4B8243A
CB-2012A	4B8243P
CB-2013A	4B8330A
CB-2014A	4B8547A
CB-2016A	4B8240A
CB-2017GP	6B8149A
CB-2018A	4B8300A
CB-2019A	4B8550A
CB-2035GP	4B8296A





# NDC - ACL

# INTERCHANGE

## Conrod Bearing Set

CB-2109GP	4B8435P
CB-2200GP	4B1946P
CB-2200GP	4B1946A
CB-2203GP	4B1460A
CB-2204GP	4B1930A
CB-2205GP	4B1955A
CB-2206GP	4B1926A
CB-2208GP	4B1956A
CB-2208GP	4B1956P
CB-2209GP	4B1931A
CB-2210GP	6B1935A
CB-2211GP	6B1974A
CB-2212GP	3B1988A
CB-2213GP	4B1936A
CB-2214A	4B1927A
CB-2215GP	4B1910A
CB-2217GP	4B1912P
CB-2300GP	4B8290A
CB-2301GP	3B8323A
CB-2302GP	3B8324A
CB-2303GP	2B8316A
CB-2304GP	6B8270A
CB-2305GP	4B8296P
CB-2306GP	4B8320P
CB-2306GP	4B8320A
CB-2307GP	4B8328A
CB-2307GP	4B8328P
CB-2401A	3B1266A
CB-2402A	3B8358A
CB-2403A	3B8336A
CB-2404A	4B8336A
CB-2405GP	4B8340A
CB-2406A	3B8540A
CB-2407A	6B8306A
CB-2408A	4B8306A
CB-2500A	2B8010A
CB-2501A	3B8010A
CB-2503A	3B8023A
CB-2507A	3B8020A
CB-2509GP	3B8024A
CB-2510A	3B8120A
CB-2511A	4B8016A
CB-2512A	4B8425A
CB-2801GP	4B2776P
CB-2802GP	6B2776P
CB-2804GP	4B2914P
CB-3880A	4B1201A
CB-5360A	4B8600A

## Main Bearing Set

MS-1001GP	7DM1304P
MS-1007GP	4M7972A
MS-1011GP	3M2987A
MS-1024GP	3M1142A
MS-1028GP	3M1367A
MS-1040GP	7M1357P
MS-1042GP	5M2757A
MS-1043GP	5M1172A
MS-1047GP	7M1172A

## Main Bearing Set

MS-1051GP	7M1164A
MS-1058GP	4M1367A
MS-1060A	3M1692A
MS-1062GP	5M8480A
MS-1082GP	5M1157A
MS-1084GP	7M2717P
MS-1091GP	3M2637A
MS-1094GP	5M1697A
MS-1103GP	5M2817A
MS-1104GP	5M1718A
MS-1107GP	3M2977A
MS-1113GP	5M1167A
MS-1114A	5M1627A
MS-1117GP	5M1689A
MS-1121A	5M1787A
MS-1123A	4M7982A
MS-1124GP	3M8292A
MS-1126GP	3M8318A
MS-1131A	5M1137A
MS-1133GP	5M1703A
MS-1134GP	5M1952A
MS-1137GP	5M8258A
MS-1138GP	5M1193A
MS-1141A	3M1757A
MS-1152GP	5M1699A
MS-1153GP	5M1777A
MS-1158A	5M1382A
MS-1159GP	3M2984A
MS-1160GP	5M1199P
MS-1161A	5M1727A
MS-1163GP	5M1894P
MS-1163GP	5M1894A
MS-1164A	5M1238A
MS-1164A	5M1147A
MS-1168A	5M8334A
MS-1172GP	7M1305P
MS-1173GP	5M8572A
MS-1174GP	5M1623A
MS-1175A	3M1991A
MS-1176GP	5M1224A
MS-1179A	5M8342A
MS-1180GP	5M2775A
MS-1181GP	5M1748A
MS-1182GP	5M1369A
MS-1183GP	5M1176A
MS-1184GP	3M8293A
MS-1190GP	5M2965A
MS-1195GP	7M2965P
MS-1199A	7M2953A
MS-1200GP	4M2653A
MS-1201GP	4M2777P
MS-1202A	5M2769A
MS-1203GP	7M2394A
MS-1203GP	7M2394P
MS-1208A	5M2949A
MS-1209GP	5M2747A
MS-1211GP	4M2737A
MS-1211GP	4M2737P
MS-1213GP	5M2964A

## Main Bearing Set

MS-1213GP	5M2964P
MS-1214GP	5M2597P
MS-1217A	5M1633A
MS-1218GP	5M1247A
MS-1219GP	4M2633P
MS-1219GP	4M2633A+4T
MS-1219GP	4M2633A
MS-1220A	5M1724A
MS-1221A	5M1438A
MS-1224A	5M2665A
MS-1225A	5M1439A
MS-1226A	5M2628A+2T
MS-1226A	5M2628A
MS-1227A	5M2635A
MS-1228A	5M2905A
MS-1229A	5M2627A
MS-1231GP	5M2995P
MS-1232GP	4M2539A
MS-1400A	5M1704A
MS-1402A	7M8474A
MS-1404A	5M8361A
MS-1405GP	5M1705A
MS-1406A	5M1728A
MS-1407A	5M8282A
MS-1408A	5M8372A
MS-1410A	5M1695A
MS-1413A	4M7987A
MS-1414GP	7M1165A
MS-1415A	5M8392A
MS-1416A	5M1103A
MS-1420A	7M8475A
MS-1421A	5M8373A
MS-1422GP	5M1715A
MS-1424A	5M8382A
MS-1426A	5M8494A
MS-1427A	7M1388A
MS-1428A	5M8374A
MS-142GP	4M8063A
MS-1433GP	7M8476A
MS-1435A	5M8378A
MS-1436A	7M8397A
MS-1437GP	4M8070A
MS-1438A	7M7989A
MS-1439A	6M8397A
MS-1440GP	5M8092A
MS-1443A	7M8494A
MS-1446A	5M8487A
MS-1448A	5M8399A
MS-1449A	5M8368A
MS-1450A	5M8184A
MS-1452A	5M8409A
MS-1452A	5M1852A
MS-1454A	5M8412A
MS-1455A	4M8379A
MS-1456A	5M8214A
MS-1457A	5M1853A
MS-1458A	4M8263A
MS-1461A	5M8226A
MS-1463A	4M8424A

## Main Bearing Set

MS-1603GP	5M1848A
MS-1603GP	5M1848P
MS-1605GP	5M1188A
MS-1610GP	5M1322A
MS-1611GP	7M1888P
MS-1612GP	7M1884P
MS-1616GP	5M1883A
MS-1620GP	5M2809A
MS-1620GP	5M1882A
MS-1621A	5M1869A
MS-1622GP	5M1892A
MS-1623GP	5M1893A
MS-1626A	5M1867A
MS-1627GP	5M1824A
MS-1628GP	5M1887P
MS-1628GP	5M1887A
MS-1629GP	7M1887P
MS-1631GP	5M1837P
MS-1632GP	7M1837P
MS-1800A	3M8578A
MS-1807GP	5M1198P
MS-1808GP	7M1199P
MS-1812GP	5M1197P
MS-1818A	5M1124A
MS-1819A	5M1139A
MS-1819A	5M1239A
MS-1820A	3M8580A
MS-1821A	5M1144A
MS-1821A	5M1217A
MS-1822A	4M1149A
MS-1824A	4M8584A
MS-1827A	5M1186A
MS-1828A	5M8037A
MS-1829GP	5M8039A
MS-1832GP	5M1778P
MS-1838GP	7M1232P
MS-1842A	4M1183A
MS-1844GP	5M8590A
MS-1845A	5M1227A
MS-2000GP	5M1747P
MS-2004A	5M8134A
MS-2004A	5M8137A
MS-2007A	5M2134A
MS-2008A	5M8354A
MS-2010GP	4M8352A
MS-2011A	5M8138A
MS-2012A	5M8353A
MS-2013A	5M8335A
MS-2014A	5M8548A
MS-2016A	5M8242A
MS-2017GP	4M8147A
MS-2018A	5M8302A
MS-2019A	5M8551A
MS-2109GP	5M8439P
MS-2200GP	5M1947A
MS-2201GP	4M1934A
MS-2202A	3M1992A
MS-2206GP	5M1932A
MS-2208GP	5M1957P





# INTERCHANGE

# NDC - ACL

## Main Bearing Set

MS-2208GP	5M1957A
MS-2211GP	4M1975A
MS-2212A	4M1989A
MS-2213GP	5M1937A
MS-2214A	5M1928A
MS-2215GP	5M1959P
MS-2215GP	5M1959A
MS-2300GP	3M8294A
MS-2301GP	4M8326A
MS-2304GP	4M8271A
MS-2305GP	5M8297A
MS-2305GP	5M8297P
MS-2306GP	5M8309A
MS-2306GP	5M8309P
MS-2307GP	5M8329A
MS-2401A	4M8338A
MS-2402A	4M8355A
MS-2403A	4M8337A
MS-2404A	5M8337A
MS-2405GP	5M8339A
MS-2406A	4M8542A
MS-2407A	4M8545A
MS-2408A	5M8307A
MS-2409A	4M8307A
MS-2500A	3M8011A
MS-2501A	4M8011A
MS-2502A	5M1392A
MS-2503A	4M8025A
MS-2504GP	3M8043A
MS-2505A	4M8009A
MS-2506A	3M8015A
MS-2507A	4M8019A
MS-2510A	4M8126A
MS-2511A	5M8017A
MS-2512A	5M8426A
MS-2804GP	5M2915P
MS-2805A	5M2678A
MS-3880A	5M1202A
MS-3880A	5M1218A
MS-5005A	5M8601A
MS-5360A	5M8602A

## Piston Pin Bush

P1-2300	RB4234
PB-1002J	4RB4269
PB-1029J	4RB4096
PB-1032J	4RB4288
PB-1033J	4RB4013
PB-1035J	4RB910
PB-1040J	6RB4248
PB-1041J	6RB4249
PB-1042J	4RB4295
PB-1046J	4RB4040
PB-1047J	6RB4102
PB-1048J	6RB4270
PB-1051J	4RB4008
PB-1056J	4RB4037
PB-1058J	6RB4096
PB-1062J	4RB4255

## Piston Pin Bush

PB-1063J	4RB4252
PB-1063J	4RB4244
PB-1068J	4RB4028
PB-1070J	4RB4058
PB-1075J	4RB4059
PB-1080J	4RB4023
PB-1082J	4RB4024
PB-1084J	4RB4066
PB-1097J	6RB4059
PB-1100J	4RB4285
PB-1114J	4RB4017
PB-1129J	4RB4286
PB-1155J	6RB4073
PB-1158J	4RB4022
PB-1163J	4RB4073
PB-1166J	4RB4072
PB-1173J	4RB4266
PB-1176J	4RB4268
PB-1179J	4RB4075
PB-1181J	4RB4068
PB-1182J	4RB4081
PB-1183GP	4RB4270
PB-1189J	4RB4102
PB-1190J	4RB4112
PB-1190J	4RB4101
PB-1192J	4RB4282
PB-1195J	6RB4101
PB-1196J	6RB4112
PB-1199J	6RB4273
PB-1200J	6RB4275
PB-1203J	6RB4271
PB-1205J	4RB4265
PB-1206J	6RB4074
PB-1207J	6RB4272
PB-1208J	4RB4107
PB-1209J	4RB4105
PB-1210J	6RB4190
PB-1211J	6RB4191
PB-1213J	4RB4274
PB-1214J	8RB4279
PB-1217J	4RB4267
PB-1219J	6RB4276
PB-1221J	6RB4110
PB-1226J	4RB4278
PB-1229J	4RB4277
PB-1401J	4RB4076
PB-1402J	6RB4239
PB-1403J	4RB4070
PB-1406J	4RB4100
PB-1408J	4RB4247
PB-1411J	4RB4080
PB-1412J	4RB4097
PB-1413J	6RB4028
PB-1413J	RB4028
PB-1417J	RB4082
PB-1417J	4RB4082
PB-1420J	6RB4240
PB-1425J	4RB4246
PB-1427J	6RB4242

## Piston Pin Bush

PB-1428J	RB4065
PB-1429J	RB4095
PB-1429J	4RB4095
PB-1431J	4RB4093
PB-1433J	6RB4241
PB-1435J	4RB4257
PB-1435J	4RB4238
PB-1436J	4RB4090
PB-1438J	6RB4098
PB-1439J	5RB4090
PB-1441J	4RB4087
PB-1445J	6RB4109
PB-1449J	4RB4254
PB-1450J	6RB4243
PB-1452J	4RB4250
PB-1455A	6RB4253
PB-1457J	4RB4236
PB-1464J	4RB4251
PB-1605J	4RB4283
PB-1622J	4RB4103
PB-1623J	4RB4104
PB-1624J	4RB4118
PB-1625J	4RB4289
PB-1626J	RB4305
PB1629J	6RB4287
PB-1631J	4RB4291
PB-1636J	4RB4232
PB-1638J	4RB4290
PB-1644J	4RB4292
PB-1802J	4RB4091
PB-1807J	4RB4069
PB-2000J	4RB4264
PB-2003J	4RB4051
PB-2004J	4RB4262
PB-2005J	4RB4088
PB-2006J	4RB4078
PB-2007J	4RB4077
PB-2013J	4RB4261
PB-2014J	4RB4260
PB-2016J	4RB4111
PB-2021J	4RB4263
PB-2109J	4RB4256
PB-2304J	6RB4234
PB-2401J	3RB4075
PB-2502J	4RB4145
PB-2511J	4RB4094
PB-2805J	4RB4280

## Thrustwasher Set

TW-1000B	2T4302
TW-1005B	2T8480
TW-1006B	2T7962
TW-1007A	2T8002
TW-1024B	1T1142
TW-1030GP	1T3286
TW-1040B	2T1357
TW-1055K	3T1199
TW-1056A	2T8062
TW-1061GP	2T4162

## Thrustwasher Set

TW-1063B	2T1362
TW-1070GP	1T1893
TW-1075J	2T1747
TW-1082B	2T1157
TW-1083K	2T2647
TW-1084K	2T2717
TW-1100GP	2T1887
TW-1113K	2T1167
TW-1115K	3T1197
TW-1117K	2T1689
TW-1117K	2T1689P
TW-1122J	2T2775
TW-1129GP	2T1888
TW-1133K	2T1703
TW-1134GP	1T1952
TW-1145K	3T1232
TW-1153K	2T1777
TW-1155GP	2T1889
TW-1161A	2T1727
TW-1168A	2T8334
TW-1175A	1T1991
TW-1179A	1T8342
TW-1181GP	2T1748
TW-1202A	1T2769
TW-1208A	1T2952
TW-1214A	2T2597
TW-1219A	2T2633
TW-1224A	1T2665
TW-1226A	1T2628
TW-1227A	1T2635
TW-1228A	1T2905
TW-1229A	1T2627
TW-1232A	1T2539
TW-1400A	2T1695
TW-1402A	2T8474
TW-1405K	2T1705
TW-1408A	2T8372
TW-1413A	2T7987
TW-1415A	2T8392
TW-1417A	2T8283
TW-1423K	2T8063
TW-1424A	2T8382
TW-1426A	2T8494
TW-1427B	2T1388
TW-1434A	2T8103
TW-1435A	2T8377
TW-1436A	2T8397
TW-1438A	2T7989
TW-1440A	2T8092
TW-1441K	2T8363
TW-1452A	2T1852
TW-1454A	1T8412
TW-1457A	1T1853
TW-1458A	2T8468
TW-1466A	2T8263
TW-1616A	1T1824
TW-1616A	1T2809
TW-1622GP	1T1192
TW-1631A	3T1837



## NDC - ACL

## INTERCHANGE

Thrustwasher Set	
TW-1822GP	2T1149
TW-1828A	1T8037
TW-1832A	2T1778
TW-1834A	1T1219
TW-1842A	1T1183
TW-1845A	1T1227
TW-2007A	2T2134
TW-2008A	1T8353
TW-2010GP	2T8352
TW-2013A	1T8335
TW-2014A	2T8548
TW-2016A	2T8242
TW-2018A	1T8302
TW-2019A	1T8551
TW-2109GP	2T8439
TW-2208GP	1T1957
TW-2210GP	1T1934
TW-2213A	1T1937
TW-2215A	1T1959
TW-2307A	2T8329
TW-2402A	1T8355
TW-2403A	1T8337
TW-2405GP	1T8339
TW-2407A	1T8307
TW-2500A	1T8011
TW-2503A	1T8025
TW-2507A	1T8019
TW-2510A	1T8126
TW-2511A	1T8017
TW-2800J	2T2915
TW-2805J	1T2678





# INTERCHANGE

# OEM - ACL

### Auxiliary Bearing Set

11022-33010	2BS8286
11022-41010	2BS8078

### Balance Shaft Bearing Set

(F)MD141777	2BS8586A
1125A040	2BS8558A
11902-87701	4BS8452
11902-87702	2BS8453
11911-28010-02	4BS8416A
12407-2W206	4BS2938
13165-01M00	2BS8273
G601-10-701	6BS8033
MD008888	3BS8385
MD021118	2BS8559A
MD021118	3BS8288
MD040597	3BS8389
MD040598	3BS8387

### Camshaft Bearing Set

0305-23-250	3C8276
0552-23-710A	3C1764A
11801-17010	1C8398A
11801-17021	7C8252A
11801-78010	3C8230A
11802-13020	4C8066
11802-23010	3C8482A
11802-25010	5C8186
11802-31010	3C8006
11802-40010/11	5C7969
11802-41010	4C8076
11802-46010	4C8056
11802-48010	4C8065
11802-54010	3C8074
11802-54020	5C8094
11802-56010	3C8071
11802-60010	4C7979
11802-68010	4C8052
11802-71010	5C8045
11802-77010	5C8180A
11802-78201	3C8490A
11802-78300	3C8448A
11802-78301	3C8496A
11802-78330	4C8499A
11802-87301	5C8460A
11802-87380	3C8454A
11811-OHO20	1C8415A
12737-69GE1	2C8446A
13002-03J00	7C4067
13002-06J00/1	7C4065
13002-43G00	5C4055
13002-61500	4C4036
13002-71204	3C4036
13002-90010	4C4042
13002-B5000	3C4018
13002-C6005	4C4286
13002-H1020	5C4146
13002-J2000	3C4212
13003-96026	5C4195
3C3Z-6A251-AA	5C7276
418248/430119	4C7936

### Camshaft Bearing Set

5-11610-002	3C8127
5-11611-002	3C6127
5-11611-010	5C8083
8-94363-380	5C8553A
8-94427-196	3C8084
8-97112-638	5C8554A
9-11610-602	3C8116
9-11611-040	5C6128A
9-11691-048	4C8081
9-11691-048	3C8081
9-11691-048	6C8081
MD010340	4C8566A

### Conrod Bearing Set

0222-23-105A	4B1151A
0249-23-105	4B1156A
045105701BGL	4B1075A
045105701BGL	4B1075P
0527-23-105	4B1760P
0571-23-105	4B1155A
06B 105 701 E	4B1609P
11 21 7 536 774	4B1395P
11 24 1 485 577	4B2903A
11 24 7 552 063	6B1395P
1115A104	4B8050A
1115A111	4B8575A
1115A117	4B8576A
12100-60821	4B8340A
12100-69830-0A	4B8440A
12100-70870-0A	4B8441A
12100-82810	4B8336P
12100-82810	3B8336P
12100-82810	4B8544A
12100-82810	3B8336A
12100-82810	4B8336A
12100-85820	4B8306A
12100-85823	6B8306A
12108-AA000	4B8290A
12108-AA130	6B8270A
12108-AA210	4B8296A
12108-AA210	4B8296P
12108-AA530	4B8320A
12108-AA530	4B8320P
12108-KA030	4B8328A
12108-KA030	4B8328P
12108-KA110	3B8324A
12108-KA110	3B8323A
12111-01E00	4B1630A
12111-02N00	4B2948A
12111-03J00/10	6B2955P
12111-03J00/10	6B2955A
12111-05U00/0	6B2960A
12111-0B100	6B2390P
12111-0T003	4B2914P
12111-10V03	4B2674A
12111-11M00	4B1620A
12111-16700	4B2636A
12111-16V00~2	4B2675A
12111-17B00	4B2770A

### Conrod Bearing Set

12111-31U10	6B2630A
12111-31U10	6B2630P
12111-40F00	4B2746A
12111-41B00	4B2660A
12111-42L00~2	6B2389A
12111-43G00	6B2966P
12111-43G01	4B2966A
12111-4W000	6B2640A
12111-4W000	6B2640P
12111-53Y00	4B2950A
12111-58010	6B1301P
12111-58010	4B2620A
12111-60J00	4B2960P
12111-60J00	4B2960A
12111-60U00	8B2570P
12111-67S00~2	6B2390A
12111-73400	6B1171A
12111-7S010	8B2990P
12111-7S010	8B2990A
12111-85G00	4B1435A
12111-9C625	4B1297A
12111-B0801	4B2941A
12111-B5225	4B2638A
12111-D0200	6B1630A
12111-EA200	6B2538P
12111-ES60A	4B2626A
12111-F6300	4B2673A
12111-P5100	4B2751A
12111-R2200/1	4B1171A
12111-V5500	4B8570A
12111-V7200	6B2930A
12117-96012	6B2716P
12117-J2000	4B2756P
12117-Y5200	4B1366A
12117-Y5200	6B1366P
12117-Z5500	4B2776P
12117-Z5510	6B2776P
12150-BC20C	4B2634A
12150-CK80A	4B2907A
12181-78130	3B8358A
12181-81051	4B1266A
12181-81051	3B1266A
12181-81401	3B8540A
12181-84H00	4B8244A
12585677	6B2270A
13022~8-PG6-S1	4B1956P
13022~8-PG6-S1	4B1956A
13041-0P040	6B8466A
13041-0P070-01	6B8262A
13041-10020	4B8390A
13041-11020	4B8380A
13041-13040	4B1101A
13041-15010	4B1690A
13041-16010	4B1710A
13041-16070	4B1780P
13041-16090	4B1680A
13041-17010	5B8396A
13041-17010	6B8396A
13041-20010	6B8381A

### Conrod Bearing Set

13041-21030	4B8210A
13041-22020	4B1851A
13041-23020	4B8155A
13041-27010	4B8407A
13041-33040	4B8224A
13041-33041	4B8225A
13041-35020	6B7986A
13041-37010	4B8450A
13041-37030	4B8451A
13041-42010	6B1170A
13041-46011	6B8100P
13041-46011	6B8100A
13041-47020-02	4B8402A
13041-50020	8B8091P
13041-51020	8B8250P
13041-54012	4B1730A
13041-55020	4B8364A
13041-56010	4B1786A
13041-56020	4B8375A
13041-56040	4B8285A
13041-58010	4B8280A
13041-62010	6B8040A
13041-62020	6B8061A
13041-63020	4B8360A
13041-64031	4B8370A
13041-64050	4B8371A
13041-64071	4B8395A
13041-64072	4B8391A
13041-65010	6B8060A
13041-66020	6B7990A
13041-67030/31	4B1850A
13041-68040	6B1360A
13041-68050	6B1376A
13041-70010	6B8470A
13041-70020	6B8471A
13041-70020	6B8471P
13041-71011	4B8281A
13041-74030	4B8365A
13041-75010	4B8376A
13041-75030	4B8419A
13041-75040	4B8420A
13041-78010	4B8435P
13041-78200	4B8486A
13041-87103	4B8016A
13041-87701	3B8024A
13041-87702	3B8010A
13041-87704	3B8023A
13041-88281	4B1714A
13041-88340	6B8472A
13041-88340	6B8472P
13041-88360	4B8366A
13041-88360	4B8366P
13041-88600	4B1856A
13041-97401	4B8425A
13041-B1021	4B8436A
13202-23012	4B8479A
13202-25010	4B1686A
13202-31020	4B1691A
13202-44012	4B2980A



# OEM - ACL

# INTERCHANGE



Conrod Bearing Set	
13202-45010	6B1160A
13202-46010	4B1361A
13202-54010	4B1726A
13202-60010	6B7971A
13202-77020	6B1356P
13202-87104	4B1351A
13202-87203	3B8120A
13202-87204	3B8020A
13202-87305	4B1426A
13202-87701	2B8010A
13204-40031	3B8421A
13211~5-PH7-01	6B1935A
13211~7-634-00	4B1950A
13211~7-PC0-00	4B1926A
13211~7-PC1-00	4B1951A
13211~7-PE1-00	4B1955A
13211~7-PE0-0	4B1930A
13211~7-PE0-6	4B1931A
13211~7-PH3-00	4B1936A
13211~7-PH6-01	6B1974A
13211~7-PJ7-00	4B1927A
13211~7-PR3-00	4B1910A
13211~7-PR4-A0	4B1946P
13211~7-PRA-A	4B1946A
13211-679-003	2B1990A
13211-PD2-004	5B1943A
13211-PD4-003	4B1460A
13211-PLM-A01	4B1980A
13211-PN4-003	3B1988A
13211-PPA-003	4B1972H
13211-PPA-003	4B1972HX
13211-PPA-003	4B1972P
13211-PR4-Y02	4B1983A
13211-PWA-003	4B1978A
13211-PY3-003	6B1902A
13214-P72-003	4B1925A
13214-P72-003	4B1925P
13214-PAH-T01	4B1906H
13214-PAH-T01	4B1906P
13216-P13-0141	4B1912P
13281-36020-01	4B8428A
13281-68020	4B8493A
13281-68020	6B8493A
13281-75020	4B8414A
13281-OHO20	4B8411A
13321-RNA-A02	4B1908A
1456-23-105A	4B1750A
23060-02700	4B1256A
23060-23140	4B1206A
23060-25100	4B8595A
23060-26040	4B1201A
23060-2B010	4B8593A
23060-37200	6B1210A
23060-41010	4B1191P
23611-42000	4B1250A
3975-23-105	4B1626A
3C3Z-6D309-AA	8B7270P
48291-5400	2B8316A
5-12271-005	4B1320A

Conrod Bearing Set	
6155860-503	4B2516A
68002286AA	6B7315A
6E7Z6211A	1B7270P
71732995	4B2890A
71732995	4B2890P
77BM6211GA	4B1650A
88291-6100	4B8291A
88894365	6B5502A
8-94110-930	4B1881A
8-94125-747	4B1890A
8-94125-747	4B1890P
8-94151-604-0	4B1816P
8-94256-084	4B8560A
8-94311-013	4B1826A
8-94314-253	4B1816A
8-94414-305	4B2821A
8-94424-246	4B2815A
8-94440-093	4B1820A
8-97045-800/1	4B1836P
8-97045-800/1	6B1831P
8-97072-986	6B1840A
8-97077793-0	4B8561A
8-97131-186	4B1854P
8-97131-186	6B1839P
8C3Z-6211-A	8B7271P
9-12271-143	4B2816A
9-12271-178	6B1886P
9-12271-608	4B1886P
93740244	6B7230A
AJ03-11-225	6B4395A
AL3Z-6211-A	8B7255A
B3YO-11-SEO	4B8331A
B6YO-11-SEO	4B8351A
BL3Z-6211-EA	6B4380A
F801-23-105A	4B2130A
FEYA-11-SEO	4B8140A
FSY1-11-SEO	4B8300A
GE01-23-105	4B1756A
JEY1-11-SEO	6B8350A
K8Y1-11-SEO	6B8146A
KJY1-11-SEO	6B8149A
KK1T0-11-SEO	4B8150A
L3Y1-11-SFOA	4B8170A
LFY1-11-SEO	4B4390A
LFY1-11-SEO	4B4390P
MD010859	4B1141A
MD019635	2B8577A
MD026430	4B1136A
MD030516/230	4B1736A
MD071298	4B1146A
MD105277	6B1140A
MD114816	4B8583A
MD114816	3B8583A
MD124592	6B1150A
MD143090	4B1130A
MD174884	4B8036A
MD177046	4B8038A
MD311928	6B1180A
MD312142	6B1231P

Conrod Bearing Set	
MD32315	4B8589A
MD327503	4B1185A
ME002019	4B1196P
ME012227	4B1535P
ME025292	6B1536P
ME032518	6B1230P
ME995135~7	4B1235P
ME995148~52	4B1234P
ME995684	4B1800P
ME996534	4B1770P
ME997261	4B1230P
ME999764	4B1190P
MN195884-6	4B8564A
OK621/OVNY1-1	4B8600A
PN11-11-SEO	4B8330A
RFY0-11-SEO	4B8143A
SE45-11-SEO	4B1776A
SL01-23-105A	4B8144A
TF01-11-SEO	4B8547A
V101-23-105	6B1760P
W9Y2-11-SEO	4B8243A
W9Y2-11-SEO	4B8243P
WLY1-11-SEO	4B8240A
WLY1-11-SEO	4B8240P
ZY1-11-SEO	4B8550A
ZZL2-11-SEO	6B723A

Main Bearing Set	
(F)11071-88340	7M8476A
(F)12215-V5325	4M2653A
(F,R)12207-60U	5M2597P
0249-23-110	5M1157A
0305-23-151A	5M1627A
0324-23-151A	5M1167A
0552-23-140	3M1757A
11 21 1 487 191	5M2918A
11 21 7 515 379	5M1397A
11 21 7 515 379	7M1397A
11 21 7 522 982	5M1618P
11011-66020	7M7989A
11071-51010	5M8254P
11071-65010	4M8070A
11071-88340	7M8475A
1-11510-036	7M1889P
1-11510-041	7M1885P
1-11510-074	7M1884P
11701-10010	5M8392A
11701-11010	5M8382A
11701-13011	5M1103A
11701-15010	5M1704A
11701-15030	5M1695A
11701-17010	7M8397A
11701-17010	6M8397A
11701-20020	4M8379A
11701-21010	5M8214A
11701-21031	5M8226A
11701-22010	5M1853A
11701-23020	5M8184A
11701-23050/51	5M8185A

Main Bearing Set	
11701-27012	5M8409A
11701-31080	4M8263A
11701-31090	4M8468A
11701-37010	5M8458A
11701-43010	7M1165A
11701-46010	7M8103P
11701-50010	5M8092A
11701-54060	5M1728A
11701-55020	5M8368A
11701-56010	5M8374A
11701-62020	4M8063A
11701-64010	5M8399A
11701-64030	5M8372A
11701-64050	5M8373A
11701-67020/21	5M1852A
11701-71020	5M8282A
11701-75021	5M8378A
11701-75031	5M8423A
11701-78010	5M8439P
11701-78070	7M8495A
11701-78200	5M8487A
11701-78300	7M8494A
11701-78300	5M8494A
11701-78700	5M8495A
11701-87102	5M8017A
11701-87703	4M8011A
11701-87704	4M8025A
11701-87706	4M8009A
11701-88280	5M1715A
11701-88300	7M8474A
11701-88360	5M8361A
11701-97401	5M8426A
11701-BZ091	5M8438A
11702-23011	5M8480A
11702-25011	5M1718A
11702-25012	5M1689A
11702-31020	3M1692A
11702-33011	5M1697A
11702-33012	5M1699A
11702-38010	5M1703A
11702-38011	5M1705A
11702-40020	3M2987A
11702-44020	3M2977A
11702-44040	3M2984A
11702-45010	7M1164A
11702-47011	7M1388A
11702-48011	5M8258A
11702-54010	5M1727A
11702-56010	5M1787A
11702-60012	4M7972A
11702-60013	4M7982A
11702-77010	7M1357P
11702-87104	3M8043A
11702-87203	4M8126A
11702-87207	4M8019A
11702-87305	5M1382A
11702-87306	5M1392A
11702-87701	3M8011A
11702-87709	3M8015A





# INTERCHANGE

# OEM - ACL

Main Bearing Set	
11704-61010	4M7987A
11711-36020-01	5M8429A
11711-36020-01	4M8424A
11711-OHO20	5M8412A
11721-47020	5M8404A+2T
11721-47020-02	5M8404A
12111-ES60A	5M2627A
12207-01M00	5M1623A
12207-03J00/10	7M2953A
12207-05E00	5M1247A
12207-05U00	7M2428A
12207-06J10	7M2965P
12207-0H600	5M1438A
12207-0T003	5M2915P
12207-31U00	4M2633P
12207-31U00	4M2633A+4T
12207-31U00	4M2633A
12207-37502	3M1367A
12207-40F00	5M2747A
12207-41B00	5M2665A
12207-42L10	7M2394A
12207-43G10	5M2965A
12207-53Y00	5M2949A
12207-57J00	5M1633A
12207-58010	7DM1304P
12207-60J00	5M2964A
12207-60J00	5M2964P
12207-61504	4M1367A
12207-6N210	5M2628A
12207-6N210	5M2628A+2T
12207-73400	7M1172A
12207-78400	5M2757A
12207-AR010	5M2995A
12207-AR010	5M2995P
12207-C6001	7M1305P
12207-D0200	5M8572A
12207-EA200	4M2539A
12207-J2000	5M2775A
12207-MA70A	5M2678A
12207-U6000	5M1176A
12207-V1700	5M1369A
12207-W3400	5M1172A
12209-9C600	5M1298A
12209-AA040	5M8297A
12209-AA040	5M8297P
12209-AA200	5M8309P
12209-AA200	5M8309A
12211-AA000	4M8271A
12211-KA060	5M8329A
12212-96000	7M2717P
12215-02P25	4M2777P
12215-02P25	4M2777A
12215-BC20A	5M2635A
12215-CK802	5M2905A
12215-R2010	5M1224A
12223-21B00~6	5M2769A
12231-01W00	3M2637A
12261-84G00	5M1439A
12263-B0801	3M2932A

Main Bearing Set	
12300-60820	5M8443A
12300-61800	4M1267A
12300-73811	5M8342A
12300-78811	4M8355A
12300-78860	4M8338A
12340-60A10	5M8339A
12340-69G00-0	5M8444A
12340-75F00	4M8245A
12340-82000	5M8337A
12340-82000	4M8337A
12340-85FB3	4M8307A
12340-85FB3	5M8307A
12340-86FA2	4M8545A
12341-60DD0	4M8542A
12585763	4M2273A
13321~5-PH6-01	4M1975A
13321~5-PH7-01	4M1934A
13321~7-634-30	5M1952A
13321~7-PC6-00	5M1947A
13321~7-PCO-0	5M1932A
13321~7-PG6-00	5M1957A
13321~7-PG6-00	5M1957P
13321~7-PJ7-00	5M1928A
13321~7-PR3-00	5M1959P
13321~7-PR3-00	5M1959A
13321-679-003	3M1991A
13321-679-013	3M1992A
13321-PN4-003	4M1989A
13321-PNA-003	5M1979A
13321-PR4-Y02	5M1984A
13321-PTO-003/	5M1937A
13322-PL2-J02	4M1933A
13325-PCX-003	5M1913P
13325-PV1-014	6M1944A
13334-RNA-A01	5M1909A
13341-PY3-004	4M1903A
13343-P8A-AD1	4M1996A
1456-23-110	5M1748A
21020-02540	5M1259A
21020-02540	5M1259A+2T
21020-02740	5M1258A
21020-02740	5M1258A+2T
21020-22541	5M1202A
21020-22541	5M1218A
21020-23140	5M1204A
21020-23884	5M1153A
21020-25100	5M8596A
21020-2B010	5M8594A
21020-2B010	5M8549A
21020-42030	5M1252A
21211-37140	4M1215A
38265-2100	3M8318A
3C3Z6D309AA	5M7274P
48265-5500	4M8326A
48543-7000	3M8294A
5-11510-002	5M1887A
5-11510-002	5M1887P
5-11510-020	5M1193A
5-11510-021	5M1322A

Main Bearing Set	
5-11510-041	7M1887P
5-11510-046	7M1888P
5-11510-051	5M1894A
5-11510-051	5M1894P
5-11510-054	5M1847P
5-11510-054	5M1847A
5-11510-065	5M1885P
6150001	5M2519P
68002265AA	4M7316A
71732990	5M2894A
77BM6333BAA	3M1649A
7T4Z-6D309-B	4M4382A+2T
7T4Z-6D309-B	4M4382A
815M6333-DAA	5M2154A
88265-8830	3M8292A
88265-8840	3M8293A
8-92064-016-0	4M1842A
8-94110-927	5M1883A
8-94114-564	5M1848P
8-94114-564	5M1848A
8-94118-830	5M1188A
8-94132-813	5M1844A
8-94151-527	5M1869A
8-94153-512	5M1885A
8-94168-552	5M1893A
8-94168-553	5M1892A
8-94215-641	5M2817A
8-94251-263	5M2809A
8-94251-263	5M1882A
8-94360-465	5M1867A
8-94393-327	7M1837P
8-94446-580	5M1824A
8-97045-915	5M1837A
8-97045-915	5M1837P
8-97141-210	5M8562A
9117252	4M5564A
92066290	5M2293A
93742543	7M7232A
AU7Z-6D309	5M7257A
B6Y2-11-SGO	5M8353A
B6YO-11-SGO	5M8354A
B6YO-11-SGO	5M8334A
FE30-23-151	5M8137A
FE30-23-151	5M8134A
FSY1-11-SGOA	5M8302A
G601-11-SGO	5M8138A
JFY1-11-SGO/A	4M8352A
KLY1-11-SGOB	4M8147A
L3Y2-11-SGO	5M8174A
MD010780	3M1142A
MD019871	3M8578A
MD026815	5M1139A
MD026815	5M1239A
MD050360	5M1143A
MD050360	5M1137A
MD079646	3M8580A
MD091399	5M1217A
MD091399	5M1144A
MD114812	4M8584A

Main Bearing Set	
MD114812	5M8584A
MD124496	4M1149A
MD147999/210	5M1124A
MD174857	5M8037A
MD189832	4M1233A
MD194178	5M8039A
MD195906	5M1186A
MD195916	5M1219A
MD195926	5M8590A
MD197907	4M1183A
MD310665	5M1227A
ME011530	5M1198P
ME025265	7M1199P
ME995344~8	7M1232P
ME996520	5M1778P
ME997202	5M1197P
ME999088	5M1199P
MN195602-9	5M8565A
OK5Z1-11-SGO	5M8601A
OKFY0-11-SGO	5M8142A
OVNY1-11-SGO	5M8602A
PN11-11-SGO	5M8335A
RFO1-23-135A	5M2134A
S501-23-110	5M1747P
SL01-23-110	5M1777A
TF01-11-SGO	5M8548A
WLY1-11-SGO	5M8242A
ZJY1-11-SGO	5M8551A

Piston Pin Bush	
0107-11-212	RB4017
0107-11-212	4RB4017
0249-11-213	4RB4024
0249-11-213	RB4024
0636-11-213	RB4059
0636-11-213	6RB4059
0636-11-213	4RB4059
1-12251-027	4RB4073
1-12251-027	RB4073
1-12251-036	RB4291
1-12251-036	4RB4291
12030-02N00	4RB4282
12030-02N00	RB4282
12030-03J00	RB4273
12030-03J00	6RB4273
12030-03J01	6RB4128
12030-03J01	RB4128
12030-16A01	4RB4266
12030-16A01	RB4266
12030-21V00	6RB4190
12030-21V00	RB4190
12030-22J01	RB4110
12030-22J01	6RB4110
12030-2W200	RB4280
12030-2W200	4RB4280
12030-30P00	RB4191
12030-30P00	6RB4191
12030-31N00	6RB4112
12030-31N00	RB4112



# OEM - ACL

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Piston Pin Bush	
12030-31N00	4RB4112
12030-31U01	RB4276
12030-31U01	6RB4276
12030-32200	RB4269
12030-32200	4RB4269
12030-37500	6RB4096
12030-37500	4RB4096
12030-37500	RB4096
12030-40F00	RB4105
12030-40F00	4RB4105
12030-43G00	RB4101
12030-43G00	6RB4101
12030-43G00	4RB4101
12030-53Y00	RB4271
12030-53Y00	6RB4271
12030-57J00	RB4267
12030-57J00	4RB4267
12030-58S00	RB4074
12030-58S00	6RB4074
12030-60J02	4RB4274
12030-60J02	RB4274
12030-60U00/1	RB4279
12030-60U00/1	8RB4279
12030-6N201	RB4278
12030-6N201	4RB4278
12030-77A00	4RB4107
12030-77A00	RB4107
12030-96000	4RB4066
12030-D4200	RB4275
12030-D4200	4RB4265
12030-D4200	RB4265
12030-D4200	6RB4275
12030-L2000	4RB4081
12030-L2000	RB4081
12030-R2000/1	4RB4268
12030-R2000/1	RB4268
12030-V0700	RB4102
12030-V0700	6RB4102
12030-V0700	4RB4102
12030-V7200	RB4272
12030-V7200	6RB4272
12030-W3400	RB4270
12030-W3400	4RB4270
12030-W3400	6RB4270
12100-AA-240	RB4125
12111-ES60A	RB4277
12111-ES60A	4RB4277
12113-AA120	4RB4233
12113-AA120	RB4233
12165-73000	RB4075
12165-73000	4RB4075
12165-73000	3RB4075
13203-PAA-A01	4RB4224
31134123	RB4002
47336-7001	4RB4051
47336-7001	RB4051
47336-70010	6RB4234
47336-70010	RB4234
5-12251-005	RB4283

Piston Pin Bush	
5-12251-005	4RB4283
5-12251-006	6RB4073
5-12251-010	4RB4286
5-12251-010	RB4286
5-12271-007	RB4072
5-12271-007	4RB4072
6210381-950	RB4010
6210381-950	4RB4010
8-94114-054	RB4289
8-94114-054	4RB4289
8-94118-825	RB4284
8-94118-825	4RB4284
8-94247-838	4RB4290
8-94247-838	RB4290
8-94247-968-0	RB4103
8-94247-968-0	4RB4103
8-94251-216	RB4118
8-94251-216	4RB4118
8-94369-904	RB4232
8-94369-904	4RB4232
8-94394-613	RB4292
8-94394-613	4RB4292
8-97383-066	RB4104
8-97383-066	4RB4104
90043-84052	RB4145
90043-84052	4RB4145
90043-84057	RB4022
90043-84057	4RB4022
90043-84086	4RB4094
90043-84086	RB4094
90384-32951	6RB4259
90384-32951	RB4259
90384-32951	4RB4259
90999-70005	6RB4248
90999-70005	RB4248
90999-70048	4RB4023
90999-70048	4RB4244
90999-70048	RB4244
90999-70048	RB4023
90999-73027	4RB910
90999-73027	RB910
90999-73059	RB4255
90999-73059	4RB4255
90999-73064	4RB4040
90999-73064	RB4040
90999-73065	4RB4065
90999-73065	RB4065
90999-73066	RB4008
90999-73066	4RB4008
90999-73070	6RB4239
90999-73070	RB4239
90999-73070	4RB4037
90999-73072	4RB4028
90999-73072	6RB4028
90999-73072	RB4028
90999-73080/1	6RB4249
90999-73080/1	RB4249
90999-73083	4RB4252
90999-73083	RB4252

Piston Pin Bush	
90999-73087	RB4070
90999-73087	4RB4070
90999-73088	4RB4076
90999-73088	RB4076
90999-73095	4RB4256
90999-73095	RB4256
90999-73099	4RB4082
90999-73099	RB4082
90999-73101	4RB4247
90999-73101	RB4247
90999-73102	4RB4097
90999-73102	RB4097
90999-73107	RB4240
90999-73107	6RB4240
90999-73108	RB4242
90999-73108	6RB4242
90999-73109	4RB4254
90999-73109	RB4254
90999-73111	4RB4246
90999-73111	RB4246
90999-73112	RB4087
90999-73112	4RB4087
90999-73113	6RB4241
90999-73113	RB4241
90999-73114	RB4100
90999-73114	4RB4100
90999-73115	4RB4093
90999-73115	RB4093
90999-73118	RB4080
90999-73118	4RB4080
90999-73119	RB4253
90999-73119	6RB4253
90999-73125	4RB4238
90999-73125	RB4238
90999-73125	RB4257
90999-73125	4RB4257
90999-73126	4RB4090
90999-73126	RB4090
90999-73126	5RB4090
90999-73127	RB4243
90999-73127	6RB4243
90999-73128	RB4245
90999-73128	4RB4245
90999-73130	RB4109
90999-73130	6RB4109
90999-73134	4RB4095
90999-73134	RB4095
90999-73135	6RB4098
90999-73135	RB4098
90999-73136	4RB4250
90999-73136	RB4250
90999-73140	RB4236
90999-73140	4RB4236
90999-73143/56	RB4251
90999-73143/56	4RB4251
90999-73144	RB4235
90999-73144	4RB4235
90999-73950	RB4258
90999-73950	4RB4258

Piston Pin Bush	
9-12251-045	RB4288
9-12251-045	4RB4288
9-12251-059	4RB4285
9-12251-059	RB4285
9-12251-059	6RB4287
9-12251-059	RB4287
9-12251-061	RB4013
9-12251-061	4RB4013
9-12251-062	4RB4058
9-12251-062	RB4058
9-94316-289	RB4305
B660-11-213	RB4108
B660-11-213	4RB4108
F6DZ-6207-A	RB4114
MD010707	4RB4295
MD010707	RB4295
MD050009	RB4091
MD050009	4RB4091
MD060467	4RB4297
MD060467	RB4297
ME012257	4RB4069
ME201016	4RB4293
ME201016	RB4293
ME203868	4RB4294
ME203868	RB4294
PN11-11-213	RB4261
PN11-11-213	4RB4261
RF01-11-213	RB4077
RF01-11-213	4RB4077
RF71-11-213	RB4262
RF71-11-213	4RB4262
S213-11-213	RB4068
S213-11-213	4RB4068
S501-11-213	4RB4264
S501-11-213	RB4264
SEO1-11-213	RB4088
SEO1-11-213	4RB4088
SLO1-11-213	RB4078
SLO1-11-213	4RB4078
TF01-11-213	RB4260
TF01-11-213	4RB4260
WE01-11213A	RB4263
WE01-11213A	4RB4263
WL01-11-213	RB4111
WL01-11-213	4RB4111

Thrustwasher Set	
0249-23-115	2T1157
0305-23-201A	2T4162
0324-11-380	2T1167
0636-23-115	2T1747
11011-0A010	2T8379
11011-10010	2T8392
11011-11020	2T8382
11011-15010	2T1695
11011-17010	2T8397
11011-22011	2T8062
11011-23010	2T8480
11011-25010	2T1689





## INTERCHANGE

OEM - ACL

Thrustwasher Set		Thrustwasher Set	
11011-25010	2T1689P	12300-60820	1T8443
11011-31030	2T8002	12300-73830	1T8342
11011-31050	2T8468	12300-78830	1T8355
11011-31070	2T8263	12300-82820	1T8337
11011-35011	2T1703	12300-85830	1T8307
11011-35020	2T1705	13331-634-0030	1T1952
11011-45010	2T7962	13331-679-003	1T1991
11011-46020	2T1362	13331-PG6-003	1T1957
11011-46030	2T8103	13331-PH7-003/	1T1934
11011-50010	2T8092	13331-PR3-003	1T1959
11011-51010	1T8254	13331-PTO-003	1T1937
11011-54010	2T1727	13343-P8A-AD1	1T1996
11011-56010	2T8283	1456-23-115	2T1748
11011-61010	2T7987	21030-02740	1T1258
11011-62010	2T8063	21030-23000	1T1204
11011-64010	2T8372	21030-37200	2T1215
11011-66020	2T7989	31309-08101	3T1197
11011-67020	2T1852	5-11599003-1	1T8562
11011-68020	2T1388	8034-11-380	2T8334
11011-70010	2T8474	81SM6A341-AA	1T2154
11011-74020	2T8363	8-94114-565	2T1889
11011-75010	2T8377	8-94210-265	1T2809
11011-75020	2T8423	8-94210-750	1T3286
11011-76010	2T1357	8-94396-980	3T1837
11011-78010	2T8439	8-94481-907	1T1824
11011-78201	2T8488	8-97014-208	1T1842
11011-78300	2T8494	8L3Z-6K302A	2T4382
11011-87101	1T8017	9-11581-048	1T1192
11011-87201	1T8019	9-11581-057	1T1893
11011-87202	1T8126	9-11585-065	2T1887
11011-87701	1T8011	9-11585-601	2T1888
11011-87702	1T8025	B6YO-11-SJO	1T8353
11791-33030	1T1853	FSY1-11-SJO	1T8302
11791-36010	1T8429	JFY1-11-SJO	2T8352
11791-40020	1T8424	MD010350/1	1T1142
11791-47020	1T8404	MD115171	1T8584
11791-B1020	1T8438	MD128659	2T1149
11791-OHO20	1T8412	MD174862	1T8037
12111-E560A	1T2627	MD189837	1T1233
12208-75000	2T2995	MD197988	1T1183
12252-KA000	2T8329	MD351820	1T1219
12280/81-31U0	2T2633	MD374820	1T1227
12280/81-60U0	2T2597	ME013564	3T1199
12280-01800	1T2769	ME031059	3T1232
12280-2W210	1T2678	ME201016	2T1778
12280-41B01	1T2665	MN195449	1T8565
12280-53Y00	1T2952	PN11-11-SJO	1T8335
12280-60J00	1T2964	RFO1-23-115	2T2134
12280-6N210	1T2628	SL01-23-115	2T1777
12280-88A0A	1T2905	TF01-11-SJO	2T8548
12280-95025	2T2647	WLY1-11-SJO	2T8242
12280-96025	2T2717	ZJY1-11-SJO	1T8551
12280-9C625	2T1298		
12280-B5225	2T4302		
12280-BC20A	1T2635		
12280-EA20A	1T2539		
12280-J2025	2T2775		
12280-Z5225	2T2915		
12300-60820	1T8339		



**Auxillary Bearing Set**

PC005L	2BS8078
PC009L	2BS8286

**Balance Shaft Bearing Set**

B111A	3BS5385
B113A	3BS5288
B113A	2BS8559A
B133A	2BS8558A
B255A	4BS8452
B256A	2BS8453
B724A	4BS8416A

**Camshaft Bearing Set**

C001L	5C7969
C002L1	4C8066
C003L	3C8006
C004L	3C8482A
C009L	4C8076
C018L	5C8186
C028L	5C8217
C030L	5C8180A
C031L	4C7979
C032L	4C8065
C032L	4C8056
C034A	4C8052
C035L	3C8071
C037A	3C8074
C040L	5C8215
C041L	5C8045
C042A	5C8094
C048L	5C8205
C051L	3C4018
C052L	3C4036
C060L	5C4146
C072L	4C4286
C081L	4C4036
C087A	5C4055
C160L1	3C8127
C160L1	3C8116
C168L	4C8081
C171L	3C6127
C172L	5C6128A
C173L	6C8081
C176L	5C8083
C177L	3C8081
C184A1	3C8084
C216L	3C8230A
C276A	3C8454A
C304L	3C8276
C706A	1C8398A
C709A	7C8252A
C713A	3C8490A
C719A	3C8448A
C721A	3C8496A
C722A	4C8499A
C724A	1C8415A
C801A	5C8553A
C804A	5C8554A

**Conrod Bearing Set**

**Conrod Bearing Set**

R004H	4B8479A
R005H	6B1160A
R008H	6B1170A
R012H	4B2980A
R016A	4B1691A
R018H2	4B1686A
R019H1	4B1714A
R020H	4B1701A
R021A	6B8470A
R022A	4B1690A
R024A	4B8360A
R025A	4B8390A
R026A	4B1101A
R027H	4B8380A
R028A	4B8375A
R029H	6B8040A
R030H	6B1356P
R031A	6B7971A
R032A	4B8493A
R032A	4B1361A
R033A	6B1376A
R034A	6B8493A
R034A	6B1360A
R035A	4B1786A
R037A	4B1726A
R037A	4B1730A
R038A	4B8370A
R040A	4B8280A
R041A	4B8281A
R043A	4B1710A
R044A	6B7986A
R045A	4B8371A
R046A	4B8364A
R047A	6B8471A
R048A1	4B8285A
R051H	4B2636A
R052H	4B2751A
R054H	4B1171A
R055H	4B2941A
R057H	6B1171A
R059H	4B2638A
R062H	4B2756P
R065H	6B2776P
R068H	4B1620A
R072H	6B1301P
R076H	6B2716P
R080H	4B2948A
R080H	4B1366A
R081H	6B1366P
R082H	4B2776P
R083H	4B1630A
R084H	4B2746A
R086H	6B1630A
R094A	4B2950A
R096H	6B2966P
R097A	6B2930A
R098H	4B2960P
R098H	4B2960A
R099H	6B2630P

**Conrod Bearing Set**

R099H	6B2630A
R103H	4B1141A
R1052A	4B2620A
R1054A	4B2907A
R108H	6B1536P
R109H	4B1196P
R111A/R3102A	4B1146A
R112H	6B1230P
R113A1	4B1136A
R117H/R121H	4B1535P
R119A/R3101A	4B1736A
R120A	2B8577A
R122H	4B1230P
R123A	6B1140A
R127A1	3B8583A
R130A	4B1130A
R133H	4B1770P
R134H	4B1190P
R135A	4B8036A
R136A	4B1185A
R137H	4B8589A
R138H	6B1180A
R141H	4B1800P
R142H	6B1231P
R160H	4B1320A
R168H1	4B1886P
R169H1	6B1886P
R172A1	4B2821A
R172A1	4B1820A
R176H	4B1881A
R181A	4B1870A
R184A1	4B1890A
R187A	4B1816A
R191A	4B1826A
R216H	4B8435P
R251H	4B1351A
R255A	2B8010A
R256A	3B8010A
R276A	4B1426A
R279A	3B8020A
R280A	3B8023A
R281H	3B8024A
R283A	4B8016A
R284A	3B8120A
R3001A	4B8150A
R3002A/R3003A	4B8600A
R303A	4B1156A
R304A1	4B1756A
R305A	4B1626A
R3103H	4B1191P
R3105A	4B1201A
R3106A	4B1256A
R312A	4B1776A
R312A	4B8144A
R313A	4B8331A
R314H	4B1750A
R315A1	4B8143A
R317A	4B8351A
R322A	4B8140A

**Conrod Bearing Set**

R322A	4B8243P
R322A	4B8243A
R323H	6B8149A
R324A	4B8330A
R325A	4B8300A
R326A	4B8547A
R327A	4B8240A
R328A	6B8350A
R336A	4B2130A
R451H	4B1951A
R452H	4B1950A
R453H	4B1926A
R454H	4B1946P
R454H	4B1946A
R455H	4B1930A
R456H	4B1955A
R457A	4B1908A
R458H	4B1936A
R459H	4B1912P
R460H	4B1956A
R460H	4B1956P
R462H	4B1910A
R463H	4B1983A
R464H	4B1927A
R465H	6B1935A
R468A	4B1978A
R469H	4B1906P
R470H	4B1972P
R601H	4B8291A
R602H	2B8316A
R606H	3B8323A
R607H	3B8324A
R651A	4B1266A
R652A	3B1266A
R653A	3B8358A
R655A	3B8336A
R656A	4B8336A
R657A	4B8340A
R658A	3B8540A
R660A	4B8244A
R661A	6B8306A
R662A	4B8306A
R664A	4B8441A
R665A	4B8440A
R702H1	6B8100A
R703A	4B8376A
R704A	6B8060A
R705H	6B8061A
R706A	5B8396A
R707A	6B8396A
R708A	6B7990A
R710A	4B8365A
R711A	4B8414A
R713A	4B8486A
R714A	4B1680A
R715A	4B1851A
R716H	4B1780P
R717A	4B8395A
R718A	4B8391A





# INTERCHANGE

# Taiho - ACL

### Conrod Bearing Set

R719A	6B8381A
R720A1	4B1850A
R723A	4B8210A
R723A	4B8224A
R724A	4B8411A
R725A	4B8155A
R726A	4B8425A
R729A	4B8419A
R734A	4B8450A
R735A	3B8421A
R736A	6B8262A
R740A	6B8466A
R744A	4B8451A
R801H	4B1836P
R802H	6B1831P
R808H	4B1854P
R809H	6B1839P
R810A	6B1840A
RP092H	4B2914P
RP307H/R308H	6B1760P
RP307H/RP308H	4B1760P

### Main Bearing Set

M001H	3M2987A
M004H	5M8480A
M005H	7M1164A
M008H	7M1165A
M009H	5M1699A
M010H	5M1697A
M011H	5M1703A
M012H	3M2977A
M016A	3M1692A
M018H	5M1718A
M019H	5M1689A
M021A	7M8474A
M022A	5M1704A
M023A	3M2984A
M024A	5M8361A
M025A	5M8392A
M026A	5M1103A
M027A1	5M8382A
M029H	4M8063A
M030H	7M1357P
M031A	4M7972A
M032A	5M8258A
M034A	7M1388A
M035A	5M1787A
M036A	4M7982A
M037A	5M1727A
M038A	5M8372A
M040A	5M8374A
M041A	5M8282A
M042A	5M1728A
M043A	5M1695A
M044A	4M7987A
M045A	5M8373A
M046A	5M8368A
M047A	7M8475A
M051H	3M2215A

### Main Bearing Set

M053H1	5M2757A
M054H	5M1172A
M055H	3M2932A
M057H	7M1172A
M059H	3M2637A
M062H	5M2775A
M066H1	5M1176A
M068H	5M1623A
M072H	7DM1304P
M073H1	7M1305P
M076H1	7M2717P
M080H1	3M1367A
M081H1	4M1367A
M083H	5M8572A
M084H	5M2747A
M085H	5M1369A
M087H	5M2965A
M093A	5M2769A
M094A	5M2949A
M095A	5M1633A
M096H	7M2965P
M098H	5M2964P
M098H	5M2964A
M099H	4M2633A+4T
M099H	4M2633A
M103H	3M1142A
M1051A	5M2678A
M1052A	5M2628A+2T
M1052A	5M2628A
M1054A	5M2905A
M1056A	5M2635A
M108H3	7M1199P
M109H	5M1197P
M111A2	5M1217A
M111A2	5M1144A
M113A3	5M1137A
M117H	5M1199P
M117H1	5M1198P
M118A1	5M1239A
M118A1	5M1139A
M119A/M3101A	5M1124A
M120A	3M8580A
M123A1	4M1149A
M127A	4M8584A
M133H	5M1778P
M135A	5M8037A
M136A	5M1186A
M137H	5M8590A
M138H	4M1183A
M140A	5M1227A
M142A	4M1233A
M146H	7M1232P
M153H1	5M1193A
M160H2	5M1322A
M168H	5M1887P
M168H	5M1887A
M169H	7M1887P
M171H	5M2817A
M172A	5M2809A

### Main Bearing Set

M172A	5M1882A
M173H1	7M1888P
M176A	5M1883A
M177H1	5M1848A
M177H1	5M1848P
M178H	5M1847P
M178H	5M1847A
M181A	5M1869A
M182H1	7M1884P
M183H	5M1188A
M184A1	5M1892A
M185A	5M1893A
M191A	5M1867A
M197A	5M1824A
M202H	5M1705A
M216H	5M8439P
M251H	3M8043A
M255A	3M8011A
M256A	4M8011A
M275A	5M1427P
M276A	5M1382A
M277A	3M8015A
M278A	4M8009A
M279A	4M8019A
M280A	4M8025A
M282A	5M1392A
M283A	5M8017A
M284A	4M8126A
M3002A	5M8602A
M3003A	5M8601A
M303A	5M1157A
M304A	5M1627A
M307H	5M1747P
M3102A	5M1153A
M3105A	5M1202A
M3105A	5M1218A
M3106A	5M1259A
M310A	5M1167A
M311A	3M1757A
M312A	5M1777A
M313A	5M8334A
M314H	5M1748A
M315A	5M8137A
M315A	5M8134A
M316A	5M2134A
M317A	5M8353A
M324A	5M8335A
M325A	5M8302A
M326A	5M8548A
M327A	5M8242A
M328A	4M8352A
M451A	5M1952A
M453A	5M1932A
M454H	5M1947A
M457A	5M1909A
M458H	5M1957P
M458H	5M1957A
M459H	5M1937A
M461H	5M1959P

### Main Bearing Set

M461H	5M1959A
M463H	5M1984A
M464A	5M1928A
M465H	4M1934A
M466A	6M1944A
M468A	5M1979A
M601H	3M8292A
M602H	3M8318A
M603H	3M8294A
M604H	3M8293A
M606H	4M8326A
M651A	5M8342A
M653A	4M8355A
M654A	4M8338A
M655A	4M8337A
M656A	5M8337A
M657A	5M8339A
M658A	4M8542A
M660A	4M8245A
M661A	5M8307A
M662A	4M8307A
M663A	4M8545A
M664A	5M8444A
M665A	5M8443A
M703A2	5M8378A
M704A1	4M8070A
M706A	6M8397A
M707A	7M8397A
M708A	7M7989A
M713A	5M8487A
M715A	5M1853A
M717A	5M8399A
M719A	4M8379A
M720A1	5M1852A
M721A	5M8494A
M722A	7M8494A
M723A	5M8214A
M723A1	5M8226A
M724A	5M8412A
M725A	5M8184A
M725A	5M8426A
M726A	5M8185A
M726A	5M8438A
M727A	5M8495A
M728A	7M8495A
M729A	5M8423A
M734A	5M8458A
M735A	4M8424A
M736A	4M8263A
M739A	4M8468A
M801H	5M1837P
M802H	7M1837P
M810A	4M1842A
MP092H	5M2915P

### Piston Pin Bush

P002H	4RB4037
P003H	4RB910
P004H	4RB4255



Piston Pin Bush	
P005H	4RB4008
P010H	4RB4028
P012H	4RB4040
P015H	4RB4070
P021H	6RB4241
P028H	RB4082
P028H	4RB4082
P030H	6RB4249
P030P	6RB4248
P032H	4RB4244
P032H	4RB4252
P034H	4RB4023
P035H	RB4065
P037H	4RB4093
P038H	4RB4247
P039H	4RB4080
P040H	4RB4076
P042H	4RB4100
P043H	4RB4246
P044H	RB4028
P044H	6RB4028
P045H	4RB4097
P046H	4RB4254
P047H	6RB4239
P048H	4RB4095
P048H	RB4095
P049H	6RB4242
P054H	4RB4102
P076H	4RB4066
P080H	4RB4096
P081H	6RB4096
P085H	4RB4081
P087H1	4RB4101
P096H1	6RB4101
P103H	4RB4295
P113H	4RB4091
P117H	4RB4069
P133H	4RB4293
P157H	4RB4013
P160H	4RB4058
P168H	4RB4073
P169H	6RB4287
P170H	4RB4285
P171H	4RB4288
P173H	6RB4073
P175H	4RB4236
P176H	4RB4072
P177H	4RB4286
P184H1	4RB4103
P187H	4RB4118
P216H	4RB4256
P275H1	4RB4145
P275H1	4RB4022
P276H	4RB4094
P303H	4RB4024
P304H	4RB4017
P312H	4RB4088
P314H	4RB4068
P316H	4RB4077

Piston Pin Bush	
P318H	4RB4078
P319H	4RB4059
P320H	6RB4059
P324H	4RB4261
P327H	4RB4111
P652H	3RB4075
P659H	4RB4075
P702H	4RB4245
P703H	4RB4257
P703H	4RB4238
P704H	6RB4109
P707H	4RB4090
P708H	6RB4098
P709H	6RB4243
P710H	4RB4087
P713H	4RB4258
P719H	6RB4253
P720H	4RB4250
P721H	4RB4259
P722H	6RB4259
P801H	4RB4291
P808H	4RB4292
R706H	5RB4090

Thrustwasher Set	
T001H	2T7962
T002A	2T8062
T003A	2T8002
T004A	2T8480
T011A	2T1703
T018A	2T1689
T018A	2T1689P
T020A	2T1705
T021A	2T8474
T022A	2T1695
T025A	2T8392
T027A	2T8382
T029A	2T8063
T030A	2T1357
T032A	2T1362
T034A	2T1388
T037A	2T1727
T038A	2T8372
T040A	2T8283
T044A	2T7987
T051H	2T4302
T062H	2T2775
T067H	2T2647
T076H	2T2717
T092H	2T2915
T093A	1T2769
T094A	1T2952
T098H	1T2964
T099A	2T2633
T103H	1T1142
T1054A	1T2905
T1056A	1T2635
T108H	3T1199
T110H	3T1197

Thrustwasher Set	
T112H	3T1232
T123A	2T1149
T127A	1T8584
T133A	2T1778
T135A	1T8037
T138A	1T1183
T139A	1T1219
T142A	1T1233
T157H	1T1192
T160H	1T1893
T168H	2T1888
T169H	2T1887
T171A1	1T3286
T171A1	1T1824
T173H	2T1889
T216H	2T8439
T255A	1T8011
T275A	1T1427
T280A	1T8025
T283A1	1T8017
T284A	1T8126
T303A	2T1157
T304A	2T4162
T307A	2T1747
T310A	2T1167
T312A	2T1777
T313A	2T8334
T314A	2T1748
T316A	2T2134
T317A	1T8353
T324A	1T8335
T325A	1T8302
T327A	2T8242
T451A1	1T1952
T459A	1T1937
T461A	1T1959
T461A	1T1957
T651A	1T8342
T653A	1T8355
T655A	1T8337
T657A	1T8339
T661A	1T8307
T664A	1T8443
T702A	2T8103
T703A	2T8377
T706A	2T8397
T708A	2T7989
T710A	2T8363
T713A	2T8488
T715A	1T1853
T719A	2T8379
T720A	2T1852
T721A	2T8494
T724A	1T8412
T729A	2T8423
T733A	2T8092
T735A	1T8424
T736A	2T8263
T738A	2T8468

Thrustwasher Set	
T801A	3T1837
T810A	1T1842





# Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
8328A	4B8328A	34.018	1.498	30.989	13.5	F810	8593A	4B8593A	45.000	1.513		14.3	F810
8328	4B8328P	34.018	1.498	30.989	13.5	F780	2389A	6B2389A	45.011	1.508	41.974	16.1	F810
8241	1B8241	35.016	1.486	31.999	17.0	F23	5555A	4B5555A	45.012	1.505	41.980	18.5	F810
1988A	3B1988A	35.020	1.504	32.000	17.5	F810	5560A	3B5560A	45.012	1.500	41.990	15.0	F810
8358A	3B8358A	35.020	1.490	32.000	16.1	F810	5531A	4B5531A	45.016	1.507	41.980	19.0	F810
8155A	4B8155A	38.010	1.494	35.000	13.0	F810	5531	4B5531P	45.016	1.507	41.980	19.0	F780
8430H	4B8430H	38.016	1.488	35.000	15.0	F781	8324A	3B8324A	45.016	1.490	42.000	15.1	F810
8430HX	4B8430HX	38.016	1.475	35.000	15.0	F781	8323A	3B8323A	45.016	1.490	42.000	15.1	F810
8583A	4B8583A	39.020	1.489	36.000	14.6	F810	1610A	4B1610A	45.016	1.506	41.970	18.0	F810
	3B8583A	39.020	1.489	36.000	14.6	F810	1610	4B1610P	45.016	1.505	41.980	18.0	F780
8540A	3B8540A	39.020	1.490	36.000	16.1	F810	8336H	4B8336H	45.018	1.490	42.000	18.1	F781
8020A	3B8020A	40.020	1.494	37.000	15.0	F810	8440HX	4B8440HX	45.018	1.477	42.000	18.1	F781
1926A	4B1926A	40.025	1.504	37.000	17.5	F810	8440H	4B8440H	45.018	1.490	42.000	18.1	F781
8316A	2B8316A	41.016	1.490	38.000	15.1	F810	8440A	4B8440A	45.018	1.490	42.000	18.1	F810
1266A	4B1266A	41.017	1.490	38.000	18.0	F810	8336HX	4B8336HX	45.018	1.477	42.000	18.1	F781
	3B1266A	41.017	1.490	38.000	18.0	F810	8336A	4B8336A	45.018	1.490	42.000	18.1	F810
1256A	4B1256A	41.020	1.495		14.6	F810		3B8336A	45.018	1.490	42.000	18.1	F810
8244A	4B8244A	41.020	1.491	38.000	16.1	F810	8336	4B8336P	45.018	1.490	42.000	18.1	F780
1931A	4B1931A	41.025	1.504	38.000	18.5	F810		3B8336P	45.018	1.490	42.000	18.1	F780
7640A	4B7640A	41.139	1.570	37.975	21.2	F810	1351A	4B1351A	45.019	1.488	42.000	21.1	F810
3034A	4B3034A	41.140	1.549	38.008	19.0	F810	1130A	4B1130A	45.020	1.493	42.000	15.7	F810
7706AL	4B7706A	41.144	1.548	38.008	16.3	F820	8436A	4B8436A	45.020	1.492	42.000	13.0	F810
2600	3B2600P	41.616	1.813	37.965	17.0	F780	8441A	4B8441A	45.020	1.493	42.000	16.0	F810
1927A	4B1927A	42.020	1.504	39.000	18.5	F810	1736A	4B1736A	45.020	1.493	42.000	17.6	F810
1870A	4B1870A	43.000	1.506	39.945	17.0	F810	8472	6B8472P	45.020	1.492	42.000	18.2	F780
2770A	4B2770A	43.013	1.500	39.974	15.1	F810	8472A	6B8472A	45.020	1.492	42.000	18.2	F810
2660A	4B2660A	43.013	1.508	39.974	15.0	F810	8470A	6B8470A	45.020	1.498	42.000	18.9	F810
2950A	4B2950A	43.013	1.505	39.974	17.1	F810	1460A	4B1460A	45.021	1.503	41.998	17.5	F810
1620A	4B1620A	43.013	1.503	39.974	17.1	F810	1955A	4B1955A	45.024	1.496	41.994	18.5	F810
8331A	4B8331A	43.019	1.515	39.954	17.0	F810	1780A	4B1780A	45.024	1.490	42.000	17.1	F810
1990A	2B1990A	43.020	1.504	40.000	17.5	F810	1951A	4B1951A	45.024	1.496	41.994	17.5	F810
8210A	4B8210A	43.020	1.497	40.000	13.6	F810	1780HX	4B1780HX	45.024	1.474	42.000	17.1	F781
8577A	2B8577A	43.020	1.495	39.992	17.1	F810	1780H	4B1780H	45.024	1.487	42.000	17.1	F781
8564A	4B8564A	43.020	1.493	40.000	13.6	F810	1101A	4B1101A	45.024	1.496	42.000	18.9	F810
8224A	4B8224A	43.020	1.495	40.000	13.6	F810	1780	4B1780P	45.024	1.490	42.000	17.1	F780
8425A	4B8425A	43.020	1.492	40.000	13.2	F810	3040A	4B3040A	45.140	1.548	42.008	19.0	F810
8421A	3B8421A	43.020	1.500		13.6	F810	2890A	4B2890A	45.744	1.560		20.0	F810
1978A	4B1978A	43.020	1.498	40.000	13.5	F810	2890	4B2890P	45.744	1.560		20.0	F780
2634A	4B2634A	43.020	1.510	39.971	15.0	F810	2423A	3B2423A	46.012	1.500	42.987	13.2	F810
8390A	4B8390A	43.021	1.491	40.000	15.1	F810		4B2423A	46.012	1.500	42.987	13.2	F810
8010A	3B8010A	43.024	1.490	40.000	18.0	F810	1350A	4B1350A	46.013	1.497	42.987	16.6	F810
1710A	4B1710A	43.024	1.498	40.000	17.1	F810	8380A	4B8380A	46.020	1.492	43.000	15.1	F810
8010A	2B8010A	43.024	1.490	40.000	18.0	F810	1231	6B1231P	46.020	1.490	43.000	15.0	F780
1690A	4B1690A	43.024	1.498	40.000	17.1	F810	8024	3B8024A	46.020	38.024	43.000	18.0	F780
8120A	3B8120A	43.024	1.494	40.000	16.0	F810	9920A	4B9920A	46.687	1.824	43.007	21.6	F810
1950A	4B1950A	43.025	1.499	39.994	17.5	F810	1650A	4B1650A	46.705	1.834	43.010	17.3	F810
1930A	4B1930A	43.025	1.504	40.000	18.5	F810	5231A	4B1380A	46.909	1.488	43.909	19.5	F810
7268A	4B7268A	43.045	1.506	40.000	15.0	F810	8450A	4B8450A	47.000	1.493		14.5	F810
7830A	4B7830A	43.650	1.813	40.000	16.3	F810	8340A	4B8340A	47.020	1.495	44.000	18.1	F810
7860A	4B7860A	43.650	1.813	40.000	16.3	F810	8471A	6B8471A	47.020	1.492	44.000	17.2	F810
2806A	4B2806A	43.670	1.813	40.005	16.6	F810	8225A	4B8225A	47.020	1.495	44.000	15.6	F810
1810A	4B1810A	44.010	1.485	41.010	18.0	F810	8471	6B8471P	47.020	1.492	44.000	17.2	F780
1046	4B1046P	44.012	1.543	40.890	19.1	F780	2903HX	4B2903HX	47.020	1.476	44.008	16.3	F781
1047A	4B1047A	44.012	1.543	40.890	19.1	F810	2903H	4B2903H	47.020	1.489	44.008	16.3	F781
7767A	4B7767A	44.013	1.509	40.967	19.2	F810	2941A	4B2941A	47.020	1.505	43.980	25.1	F810
2201	4B2201P	44.983	1.826	41.298	22.4	F780	2907A	4B2907A	47.020	1.506	43.971	16.0	F810
8544A	4B8544A	45.000	1.490		18.1	F810	2903A	4B2903A	47.020	1.490	44.008	16.3	F810
8402A	4B8402A	45.000	1.495		13.9	F810	1851A	4B1851A	47.023	1.496	44.000	15.7	F810





# Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
8364A	4B8364A	47.040	1.492	44.000	17.9	F810	1956A	4B1956A	48.020	1.504	45.000	18.5	F810
7267A	4B7267A	47.045	1.516	44.000	15.3	F810	1956H	4B1956H	48.020	1.499	45.000	18.5	F781
1018A	4B1018A	47.142	1.550	44.008	18.5	F810	1956HX	4B1956HX	48.020	1.486	45.000	18.5	F781
7230A	6B7230A	47.200	1.595		14.6	F810	2673A	4B2673A	48.020	1.506	44.974	15.1	F810
7826A	4B7826A	47.625	1.810	43.980	20.8	F810	1974A	6B1974A	48.020	1.501	45.000	17.5	F810
7900A	4B7900A	47.625	1.806	43.980	17.8	F810	8016A	4B8016A	48.020	1.490	45.000	18.0	F810
5001AL	6B5001A	47.625	1.582	44.425	26.0	F820	1943A	5B1943A	48.020	1.498	45.000	19.4	F810
7908A	4B7908A	47.625	1.806	43.980	17.8	F810	2674A	4B2674A	48.020	1.506	44.974	17.1	F810
7907A	4B7907A	47.628	1.808	43.980	17.8	F810	8023A	3B8023A	48.020	1.494	45.000	20.1	F810
5526A	4B5506P	47.628	1.806	43.980	17.8	F810	1908A	4B1908A	48.020	1.505	45.000	15.0	F810
5524	4B5524P	47.628	1.803	43.980	20.6	F780	1956	4B1956P	48.020	1.504	45.000	18.5	F780
5506	4B5506P	47.628	1.815	43.980	20.8	F780	2675A	4B2675A	48.020	1.508	44.974	18.6	F810
5527A	4B5527P	47.628	1.803	43.980	17.6	F810	8589A	4B8589A	48.020	1.499	45.000	21.2	F810
7906A	4B7906A	47.628	1.808	43.980	17.8	F810	1146HX	4B1146HX	48.020	1.476	45.000	23.5	F781
5525	4B5524P	47.628	1.803	43.980	17.6	F780	1146H	4B1146H	48.020	1.489	45.000	23.5	F781
1980A	4B1980A	48.000	1.502	45.000	15.5	F810	1983A	4B1983A	48.020	1.498	45.000	19.4	F810
5570A	4B5570A	48.011	1.495	44.991	22.0	F810	1146A	4B1146A	48.020	1.493	45.000	23.5	F810
2956A	4B2956A	48.011	1.504	44.974	19.6	F810	1150A	6B1150A	48.020	1.493	45.000	15.5	F810
1371A	4B1371A	48.012	1.499	44.987	19.2	F810	8270A	6B8270A	48.020	1.490	45.005	14.6	F810
2620A	4B2620A	48.013	1.507	44.974	19.0	F810	1201A	4B1201A	48.020	1.505	44.990	19.1	F810
2630	6B2630P	48.013	1.502	44.974	17.0	F780	1856A	4B1856A	48.024	1.492	45.000	16.0	F810
1630A	6B1630A	48.013	1.508	44.974	18.6	F810	1856H	4B1856H	48.024	1.492	45.000	16.0	F781
1630	4B1630P	48.013	1.508	44.974	18.6	F780	1946HX	4B1946HX	48.024	1.491	45.000	19.5	F781
	6B1630P	48.013	1.508	44.974	18.6	F780	1856HX	4B1856HX	48.024	1.479	45.000	16.0	F781
1630A	4B1630A	48.013	1.508	44.974	18.6	F810	1906	4B1906P	48.024	1.502	45.000	15.5	F780
2630HX	6B2630HX	48.013	1.489	44.974	17.0	F781	1906H	4B1906H	48.024	1.502	45.000	15.5	F781
2630H	6B2630H	48.013	1.502	44.974	17.0	F781	1925H	4B1925H	48.024	1.502	45.000	17.5	F781
1630HX	4B1630HX	48.013	1.492	44.974	18.6	F781	1925	4B1925P	48.024	1.502	45.000	17.5	F780
1630H	4B1630H	48.013	1.505	44.974	18.6	F781	1946H	4B1946H	48.024	1.504	45.000	19.5	F781
2630A	6B2630A	48.013	1.502	44.974	17.0	F810	1946A	4B1946A	48.024	1.502	45.000	19.5	F810
8036H	4B8036H	48.015	1.492	45.000	16.8	F781	1946	4B1946P	48.024	1.502	45.000	19.5	F780
8036A	4B8036A	48.015	1.492	45.000	16.8	F810	1925A	4B1925A	48.024	1.502	45.000	17.5	F810
8038A	4B8038A	48.015	1.492	45.000	16.8	F810	1925HX	4B1925HX	48.024	1.489	45.000	17.5	F781
1490H	6B1490H	48.016	1.490	44.991	18.0	F781	1906HX	4B1906HX	48.024	1.489	45.000	15.5	F781
1206A	4B1206A	48.016	1.498	44.990	21.0	F810	1910A	4B1910A	48.024	1.502	45.000	19.5	F810
8290A	4B8290A	48.016	1.490	45.010	14.6	F810	2206	4B2206P	48.158	1.824	44.473	21.6	F780
8291A	4B8291A	48.016	1.485	45.000	13.6	F810	2556	4B2556P	48.158	1.829	44.463	18.9	F780
1579	6B1579P	48.016	1.497	44.991	18.0	F780	5121AL	4B5121A	48.171	1.570	44.988	19.2	F820
1490HX	6B1490HX	48.016	1.477	44.991	18.0	F781	1441A	4B1441A	48.646	1.547	45.528	19.2	F810
	4B1490HX	48.016	1.477	44.991	18.0	F781	1444A	4B1444A	48.646	1.538	45.528	19.2	F810
8351HX	4B8351HX	48.016	1.502	44.956	17.0	F781	1441	4B1441P	48.646	1.544	45.518	19.2	F780
8351H	4B8351H	48.016	1.515	44.956	17.0	F781	7770D	4B7770D	48.671	1.820	44.991	17.1	F781
8351A	4B8351A	48.016	1.515	44.956	17.0	F810	7740A	4B7740A	48.671	1.820	44.991	20.3	F780
1579	4B1579D	48.016	1.497	44.991	18.0	F780	7710A	4B7710A	48.671	1.820	44.991	19.8	F810
1490A	6B1490A	48.016	1.497	44.991	18.0	F810	7712A	4B7712A	48.671	1.820	44.991	19.8	F810
1579	6B1579D	48.016	1.497	44.991	18.0	F780	7712H	4B7712H	48.671	1.820	44.991	19.8	F781
1579D	4B1579D	48.016	1.497	44.991	18.0	F781	7712HX	4B7712HX	48.671	1.807	44.991	19.8	F781
1490H	4B1490H	48.016	1.490	44.991	18.0	F781	7732A	4B7732A	48.671	1.820	44.991	19.8	F810
1489HX	4B1489HX	48.016	1.480	44.991	16.0	F781	7770A	4B7770P	48.671	1.820	44.991	17.1	F810
1579	4B1579P	48.016	1.497	44.991	18.0	F780	7735A	4B7735A	48.671	1.822	44.991	19.8	F810
1489H	4B1489H	48.016	1.493	44.991	16.0	F781	7736A	4B7736A	48.671	1.821	44.991	22.5	F810
1490	4B1490P	48.016	1.493	44.991	18.0	F780	7770A	4B7770D	48.671	1.820	44.991	17.1	F810
1579D	6B1579D	48.016	1.497	44.991	18.0	F781	2796A	4B2796A	48.671	1.820	44.991	17.7	F810
1490	6B1490P	48.016	1.493	44.991	18.0	F780	7736H	4B7736H	48.671	1.821	44.991	22.5	F781
1156A	4B1156A	48.017	1.510	44.955	19.6	F810	7740	4B7740P	48.671	1.820	44.991	20.3	F780
1185H	4B1185H	48.019	1.488	44.996	21.1	F781	7770	4B7770P	48.671	1.820	44.991	17.1	F780
1185A	4B1185A	48.019	1.490	44.996	21.1	F810	8561A	4B8561A	49.000	1.506	45.945	16.5	F810
1185HX	4B1185HX	48.019	1.475	44.996	21.1	F781	1816	4B1816P	49.000	1.506	45.945	16.8	F780





## Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1816A	4B1816A	49.000	1.506	45.945	16.8	F810	5534A	5B5534A	50.619	1.406	47.778	19.0	F810
1216A	4B1216A	49.012	1.500	45.984	19.1	F810		4B5534A	50.619	1.406	47.778	19.0	F810
1636A	5B1636A	49.016	1.506	45.970	19.0	F810	5534	6B5534P	50.619	1.406	47.778	19.0	F780
1636	4B1636P	49.016	1.506	45.970	19.0	F780		5B5534P	50.619	1.406	47.778	19.0	F780
	5B1636P	49.016	1.506	45.970	19.0	F780		4B5534P	50.619	1.406	47.778	19.0	F780
1636A	4B1636A	49.016	1.506	45.970	19.0	F810	1076A	4B1076A	50.619	1.406	47.778	19.0	F810
2902H	4B2902H	49.020	1.489	46.008	17.3	F781		5B1076A	50.619	1.406	47.778	19.0	F810
2902HX	4B2902HX	49.020	1.476	46.008	17.3	F781	1076	4B1076P	50.619	1.406	47.778	19.0	F780
5120AL	4B5120A	49.606	1.529	46.507	19.2	F820	7775A	4B7775A	50.674	1.818	46.991	17.0	F810
8716	4B8716P	49.614	1.813	45.965	19.9	F780	7775	4B7775P	50.674	1.818	46.991	17.0	F780
8721A	4B8721D	49.616	1.814		18.9	F810	2638A	4B2638A	50.686	1.500	47.645	20.0	F810
8721D	4B8721D	49.616	1.814		18.9	F780	5226A	4B1276A	50.909	1.487	47.909	19.4	F810
8721	4B8721P	49.616	1.814		18.9	F780	1846A	4B1846A	50.910	1.487	47.910	19.4	F810
8720A	4B8720A	49.616	1.814		18.9	F810	7171A	4B1635A	51.006	1.490	48.006	20.5	F810
8720	4B8720P	49.616	1.814		18.9	F780	2960H	4B2960H	51.013	1.503	47.974	17.1	F781
4135A	4B4135A	49.910	1.475	46.910	20.1	F810		6B2960H	51.013	1.503	47.974	17.1	F781
8050HX	4B8050HX	50.015	1.479	47.000	16.8	F781	2960	6B2960P	51.013	1.503	47.974	17.1	F780
8050H	4B8050H	50.015	1.492	47.000	16.8	F781	2960A	6B2960A	51.013	1.503	47.974	17.1	F810
8050A	4B8050A	50.015	1.492	47.000	16.8	F810	2960	4B2960P	51.013	1.503	47.974	17.1	F780
8479A	4B8479A	50.040	1.504	47.000	23.0	F810	2960A	4B2960A	51.013	1.503	47.974	17.1	F810
4390	4B4390P	50.045	1.505	47.000	16.3	F780	2960HX	4B2960HX	51.013	1.490	47.974	17.1	F781
4390A	4B4390A	50.045	1.505	47.000	16.3	F810	7190A	4B7190A	51.013	1.504	51.988	17.5	F810
4390H	4B4390H	50.045	1.503	47.000	16.3	F781	2960HX	6B2960HX	51.013	1.490	47.974	17.1	F781
4390HX	4B4390HX	50.045	1.491	47.000	16.3	F781	2976H	4B2976H	51.013	1.503	47.974	19.1	F781
7131A	4B1623A	50.206	1.590	47.010	20.3	F810	2976HX	4B2976HX	51.013	1.490	47.974	19.1	F781
5544A	4B5544P	50.612	1.406	47.778	17.2	F810	8300A	4B8300A	51.015	1.510	47.955	17.0	F810
5536	4B5536P	50.612	1.406	47.778	20.0	F780	8146A	6B8146A	51.016	1.512	47.955	17.0	F810
	5B5536D	50.612	1.406	47.778	20.0	F780	1293HX	4B1293HX	51.018	1.500	47.792	17.0	F781
	5B5536P	50.612	1.406	47.778	20.0	F780	8595A	4B8595A	51.018	1.502	47.972	17.0	F810
	4B5536D	50.612	1.406	47.778	20.0	F780	1293H	4B1293H	51.018	1.513	47.972	17.0	F781
5536D	4B5536D	50.612	1.406	47.778	20.0	F781	8320A	4B8320A	51.020	1.498	48.000	15.6	F810
	5B5536D	50.612	1.406	47.778	20.0	F781	8320H	4B8320H	51.020	1.498	48.000	15.6	F781
5537D	4B5537D	50.612	1.404	47.778	20.0	F781	8320HX	4B8320HX	51.020	1.485	48.000	15.6	F781
5539D	4B5539D	50.612	1.406	47.778	19.0	F781	1714A	4B1714A	51.020	1.494	48.000	18.9	F810
5537	3B5537D	50.612	1.403	47.778	20.0	F780	8411A	4B8411A	51.020	1.490	48.000	15.6	F810
5542A	4B5542A	50.612	1.406	47.778	17.2	F810	8411H	4B8411H	51.020	1.490	48.000	15.6	F781
5539	4B5539P	50.612	1.406	47.778	19.0	F780	8550A	4B8550A	51.020	1.510	48.000	16.7	F810
5544	4B5544P	50.612	1.406	47.778	17.2	F780	8281A	4B8281A	51.020	1.492	48.000	19.9	F810
5537D	3B5537D	50.612	1.404	47.778	20.0	F781	8411HX	4B8411HX	51.020	1.477	48.000	15.6	F781
5537	4B5537P	50.612	1.403	47.778	20.0	F780	8320	4B8320P	51.020	1.498	48.000	15.6	F780
	4B5537D	50.612	1.403	47.778	20.0	F780	1210A	6B1210A	51.020	1.495	48.000	15.0	F810
	3B5537P	50.612	1.403	47.778	20.0	F780	8040A	6B8040A	51.024	1.488	48.000	17.0	F810
5539	4B5539D	50.612	1.406	47.778	19.0	F780	1686A	4B1686A	51.024	1.488	48.000	19.8	F810
1609A	4B1609P	50.619	1.405	47.778	19.0	F810	1912	4B1912P	51.024	1.500	48.000	19.4	F780
5534A	6B5534A	50.619	1.406	47.778	19.0	F810	1936A	4B1936A	51.024	1.500	48.000	19.4	F810
1606A	4B1606A	50.619	1.405	47.778	19.0	F810	8366A	4B8366A	51.024	1.488	48.000	21.3	F810
1075	4B1075P	50.619	1.406	47.778	20.0	F780	1680A	4B1680A	51.024	1.490	48.000	17.1	F810
1606	4B1606P	50.619	1.405	47.778	19.0	F780	1972H	4B1972H	51.024	1.500	48.000	15.4	F781
	5B1606P	50.619	1.405	47.778	19.0	F780	1972HX	4B1972HX	51.024	1.487	48.000	15.4	F781
1606A	5B1606A	50.619	1.405	47.778	19.0	F810	1912HX	4B1912HX	51.024	1.483	48.000	19.4	F781
1606H	4B1606H	50.619	1.405	47.778	19.0	F781	8366HX	4B8366HX	51.024	1.475	48.000	21.3	F781
1609HX	4B1609HX	50.619	1.392	47.778	19.0	F781	1912H	4B1912H	51.024	1.496	48.000	19.4	F781
1609	4B1609P	50.619	1.405	47.778	19.0	F780	8360A	4B8360A	51.024	1.488	48.000	20.5	F810
1609H	4B1609H	50.619	1.405	47.778	19.0	F781	1972	4B1972P	51.024	1.492	48.000	15.4	F780
1075A	4B1075A	50.619	1.406	47.778	20.0	F810	8366	4B8366P	51.024	1.488	48.000	21.3	F780
1076	5B1076P	50.619	1.406	47.778	19.0	F780	8366H	4B8366H	51.024	1.488	48.000	21.3	F781
1615A	4B1615A	50.619	1.405	47.778	18.5	F810	8520A	4B1647A	51.186	1.581	47.998	18.3	F810
1606HX	4B1606HX	50.619	1.392	47.778	19.0	F781	8516A	4B1388A	51.191	1.580	47.998	22.8	F810





# Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1430AL	4B1430A	51.346	1.824	47.661	16.9	F820	8717	4B8717P	51.619	1.815	47.965	20.0	F780
2406A	4B2406A	51.346	1.837	47.638	17.6	F810	8706	8B8706P	51.619	1.810	47.965	21.8	F780
	6B2406A	51.346	1.837	47.638	17.6	F810	8705	8B8705P	51.619	1.810	47.965	22.0	F780
1430AL	6B1430A	51.346	1.824	47.661	16.9	F820	8700D	1B8700D	51.619	1.812	47.965	21.8	F781
1891	4B1891P	51.346	1.824	47.661	25.5	F780	2510	4B2510P	51.619	1.810	47.965	22.0	F780
1022A	4B1022A	51.346	1.540	48.244	19.5	F810	8700D	6B8700D	51.619	1.812	47.965	21.8	F781
2405	1B2406P	51.346	1.839	47.638	17.6	F780		5B8700D	51.619	1.812	47.965	21.8	F781
1023A	4B1023A	51.346	1.530	48.244	19.5	F810		4B8700D	51.619	1.812	47.965	21.8	F781
2881	6B2881P	51.346	1.845	47.643	19.2	F780	7849A	4B7849A	51.625	1.800	47.991	20.7	F810
2250	4B2250	51.346	1.816	47.660	20.1	F780	7849	4B7849P	51.625	1.800	47.991	20.7	F780
2636A	4B2636A	51.346	1.824	47.661	22.1	F810	7845	4B7845P	51.625	1.803	47.991	20.7	F780
1048A	4B1048A	51.366	1.543	48.244	19.1	F810	9921A	4B9921A	51.684	1.824	48.006	18.3	F810
1048	5B1048P	51.366	1.543	48.244	19.1	F780	9955	4B9955	51.918	1.328	49.238	27.9	F23
	4B1048P	51.366	1.543	48.244	19.1	F780	1881A	4B1881A	51.985	1.510	48.937	22.0	F810
1048A	5B1048A	51.366	1.543	48.244	19.1	F810	2821A	4B2821A	52.000	1.513	48.940	22.0	F810
2380HX	6B2380HX	51.440	1.559	48.260	18.3	F781	2815A	4B2815A	52.000	1.510	48.940	21.6	F810
2380	4B2380P	51.440	1.575	48.260	18.3	F780	8560A	4B8560A	52.000	1.505	48.940	22.1	F810
	6B2380	51.440	1.575	48.260	18.3	F780	2816A	4B2816A	52.000	1.513	48.940	22.1	F810
2380H	6B2380H	51.440	1.572	48.260	18.3	F781	1820A	4B1820A	52.005	1.510	48.940	22.0	F810
7820A	4B7820A	51.600	1.768	48.020	20.5	F810	1486A	4B1486A	52.010	1.989	47.991	20.0	F810
7820HX	4B7820HX	51.600	1.755	48.020	20.5	F781	1506	6B1506P	52.010	1.993	47.991	20.0	F780
7820H	4B7820H	51.600	1.768	48.020	20.5	F781	1486A	6B1486A	52.010	1.989	47.991	20.0	F810
8101A	4B8101A	51.600	1.768	48.018	21.8	F810	1506	4B1506P	52.010	1.993	47.991	20.0	F780
7816	4B7816P	51.606	1.776	48.020	20.3	F780	2320	4B2320P	52.012	1.500	48.987	19.3	F780
7816A	4B7816A	51.606	1.776	48.020	20.3	F810	2322A	4B2322A	52.012	1.500	48.987	19.3	F810
	4B7816P	51.606	1.776	48.020	20.3	F810	2322HX	4B2322HX	52.012	1.485	48.987	19.3	F781
1706	4B1706P	51.613	1.805	47.960	21.0	F780	2420A	6B2420A	52.012	1.500	48.987	16.3	F810
8741A	6B8741D	51.619	1.812	47.965	21.8	F810	2322H	4B2322H	52.012	1.498	48.987	19.3	F781
8741	5B8741P	51.619	1.812	47.965	21.8	F780	5290D	4B5290D	52.012	1.500	48.990	20.3	F781
	4B8741P	51.619	1.812	47.965	21.8	F780	2410	4B2410P	52.012	1.484	48.987	19.3	F780
	6B8741P	51.619	1.812	47.965	21.8	F780		4B2410P	52.012	1.510	48.987	19.3	F780
2876	6B2876P	51.619	1.803	47.965	24.1	F780	2326	4B2326P	52.012	1.500	48.987	19.3	F780
8741A	4B8741D	51.619	1.812	47.965	21.8	F810	5291A	4B5290D	52.012	1.500	48.990	20.3	F810
8741D	6B8741D	51.619	1.812	47.965	21.8	F781	2320A	4B2320A	52.012	1.500	48.987	19.3	F810
8741A	5B8741D	51.619	1.812	47.965	21.8	F810	5291	4B5290P	52.012	1.500	48.990	20.3	F780
8741D	4B8741D	51.619	1.812	47.965	21.8	F781	5290	4B5290P	52.012	1.500	48.990	20.3	F780
	5B8741D	51.619	1.812	47.965	21.8	F781	1458	8B1458P	52.013	1.997	47.991	17.0	F780
8734	6B8734P	51.619	1.803	47.960	24.1	F780	8330A	4B8330A	52.013	1.511	48.955	18.1	F810
8740A	5B8740A	51.619	1.812	47.965	21.8	F810	1506	4B1506P	52.014	1.976	47.991	20.0	F780
	4B8740A	51.619	1.812	47.965	21.8	F810		6B1506P	52.014	1.976	47.991	20.0	F780
	6B8740A	51.619	1.812	47.965	21.8	F810	2726	4B2726P	52.014	1.491	49.004	24.0	F780
8700	1B8700P	51.619	1.812	47.965	21.8	F780	2726H	4B2726H	52.014	1.486	49.004	24.0	F781
8700A	6B8700D	51.619	1.812	47.965	21.8	F810	1568HX	4B1568HX	52.015	1.980	47.991	20.0	F781
	5B8700P	51.619	1.812	47.965	21.8	F810	1568H	4B1568H	52.015	1.993	47.991	20.0	F781
	5B8700D	51.619	1.812	47.965	21.8	F810	1660	4B1660P	52.020	1.495	48.990	21.7	F780
	4B8700P	51.619	1.812	47.965	21.8	F810	1667A	4B1667A	52.020	1.495	48.990	21.7	F810
	4B8700D	51.619	1.812	47.965	21.8	F810	4376A	4B4376A	52.020	1.490	48.990	20.5	F810
	1B8700P	51.619	1.812	47.965	21.8	F810	2296A	4B2296A	52.134	1.542	49.014	20.3	F810
	6B8700P	51.619	1.812	47.965	21.8	F810	2450	4B2450P	52.812	1.390	49.995	20.1	F780
8700	6B8700P	51.619	1.812	47.965	21.8	F780	5216A	4B603A	52.908	1.835	49.212	22.4	F810
	5B8700P	51.619	1.812	47.965	21.8	F780	5216	4B603P	52.908	1.835	49.212	22.4	F780
	4B8700P	51.619	1.812	47.965	21.8	F780	5216HX	4B603HX	52.908	1.817	49.212	22.4	F781
2526	4B2526P	51.619	1.814	47.965	21.8	F780	5216H	4B603H	52.908	1.830	49.212	22.4	F781
	5B2526P	51.619	1.814	47.965	21.8	F780	1060H	4B1060H	52.940	1.840	49.213	19.2	F781
2510	6B2510P	51.619	1.810	47.965	22.0	F780	1060HX	4B1060HX	52.940	1.827	49.213	19.2	F781
2526	6B2526P	51.619	1.814	47.965	21.8	F780	4360A	4B1269A	53.007	1.483	50.005	20.0	F810
2886	6B2886P	51.619	1.810	47.965	22.0	F780	4565A	4B4565A	53.007	1.483	50.025	20.1	F810
8700A	1B8700D	51.619	1.812	47.965	21.8	F810	2390H	6B2390H	53.011	1.503	49.974	17.1	F781





# Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2390HX	6B2390HX	53.011	1.490	49.974	17.1	F781	7747	4B7747P	53.708	1.838	50.000	20.0	F780
2390	6B2390P	53.011	1.506	49.974	17.1	F780	7746A	4B7746A	53.708	1.837	50.000	20.3	F810
2390A	6B2390A	53.011	1.506	49.974	17.1	F810	7716A	4B7716A	53.708	1.834	50.000	22.0	F810
1171A	4B1171A	53.013	1.506	49.975	22.1	F810	7702A	4B7702A	53.708	1.842	50.000	20.3	F810
	6B1171A	53.013	1.506	49.975	22.1	F810	2731A	4B2731A	53.708	1.842	50.000	29.0	F810
2930A	6B2930A	53.013	1.498	49.974	20.0	F810	7700A	4B7700A	53.708	1.836	50.000	20.3	F810
2736A	4B2736A	53.013	1.504	49.961	20.1	F810	7700	4B7700P	53.708	1.836	50.000	20.3	F780
2746A	4B2746A	53.013	1.508	49.974	20.0	F810	1670	4B1670P	53.708	1.830	50.000	20.0	F780
7880	5B7880P	53.013	1.496	50.000	19.5	F781	1685	4B1685P	53.708	1.838	50.000	20.0	F780
	4B7880P	53.013	1.496	50.000	19.5	F781	7722	4B7722P	53.708	1.843	50.000	22.0	F780
8570A	4B8570A	53.013	1.498	49.974	20.1	F810	5538D	5B5538D	53.712	1.404	50.878	20.4	F781
7880	6B7880P	53.013	1.496	50.000	19.5	F781		4B5538D	53.712	1.404	50.878	20.4	F781
1497H	6B1497H	53.015	1.993	48.991	18.0	F781	5538	5B5538P	53.712	1.404	50.878	20.4	F780
1515H	6B1515H	53.015	1.493	49.991	18.0	F781		5B5538D	53.712	1.404	50.878	20.4	F780
1569H	6B1569H	53.015	1.993	48.991	16.0	F781		4B5538P	53.712	1.404	50.878	20.4	F780
1515HX	6B1515HX	53.015	1.480	49.991	18.0	F781		4B5538D	53.712	1.404	50.878	20.4	F780
1569HX	6B1569HX	53.015	1.980	48.991	16.0	F781	2830	5B2830P	53.909	1.537	50.805	19.5	F780
1497HX	6B1497HX	53.015	1.980	48.991	18.0	F781		4B2830P	53.909	1.537	50.805	19.5	F780
8306A	4B8306A	53.018	1.490	50.000	16.1	F810		1B2830P	53.909	1.537	50.805	19.5	F780
	6B8306A	53.018	1.490	50.000	16.1	F810	1049A	4B1049A	53.910	1.537	50.805	19.5	F810
1140HX	6B1140HX	53.020	1.478	50.000	15.5	F781	2840A	4B2840A	53.910	1.537	50.807	19.5	F810
1140H	6B1140H	53.020	1.491	50.000	15.5	F781	2822	5B2822P	53.913	1.534	50.807	19.5	F780
1435A	4B1435A	53.020	1.502	50.000	22.0	F810	2825A	4B2825A	53.913	1.536	50.802	19.5	F810
1140A	6B1140A	53.020	1.491	50.000	15.5	F810	2904H	4B2904H	53.913	1.536	50.807	19.5	F781
1155A	4B1155A	53.020	1.510	49.955	20.9	F820	2822A	5B2822A	53.913	1.534	50.807	19.5	F810
8310	4B8310P	53.024	1.504	50.000	15.5	F780		4B2822A	53.913	1.534	50.807	19.5	F810
8310H	4B8310H	53.024	1.504	50.000	15.6	F781	2872	4B2872P	53.913	1.536	50.807	19.5	F780
8310HX	4B8310HX	53.024	1.491	50.000	17.0	F781	2822	4B2822P	53.913	1.534	50.807	19.5	F780
1691A	4B1691A	53.030	1.488	50.000	27.0	F810	2904HX	4B2904HX	53.913	1.523	50.807	19.5	F781
4395A	6B4395A	53.035	1.501	49.990	18.0	F810	2819	4B2819P	53.913	1.534	50.805	19.5	F780
8170H	4B8170H	53.045	1.500	50.000	17.0	F781		5B2819P	53.913	1.534	50.805	19.5	F780
8170A	4B8170A	53.045	1.500	50.000	17.0	F810	2872	4B2872P	53.919	1.536	50.807	19.5	F780
8170HX	4B8170HX	53.045	1.487	50.000	17.0	F781	2872A	4B2872A	53.919	1.536	50.807	19.5	F810
5546A	6B5546A	53.200	1.606	49.958	17.0	F810	2226A	8B610A	53.980	1.570	50.813	18.8	F810
8407A	4B8407A	53.500	1.480	50.500	21.1	F810	2370H	8B745H	53.980	1.577	50.800	21.4	F781
8391A	4B8391A	53.520	1.482	50.500	23.1	F810		8B745HD	53.980	1.577	50.800	21.4	F781
8395A	4B8395A	53.520	1.482	50.500	23.1	F810	2226A	6B610A	53.980	1.570	50.813	18.8	F810
8486A	4B8486A	53.520	1.478	50.500	20.4	F810	2370	8B745P	53.980	1.577	50.800	21.4	F780
8371A	4B8371A	53.524	1.482	50.500	18.9	F810	2370HxD	8B745HxD	53.980	1.564	50.800	21.4	F781
8370A	4B8370A	53.524	1.482	50.500	23.7	F810	2370A	8B745A	53.980	1.577	50.800	21.4	F810
1395	4B1395P	53.616	1.797	49.997	17.6	F780	2370HD	8B745HD	53.980	1.577	50.800	21.4	F781
	6B1395P	53.616	1.797	49.997	17.6	F780	2370HX	8B745HX	53.980	1.564	50.800	21.4	F781
1516	6B1516D	53.619	1.803	49.991	18.3	F780	2370A	4B745A	53.980	1.577	50.800	21.4	F810
1516D	6B1516D	53.619	1.803	49.991	18.3	F781		6B745A	53.980	1.577	50.800	21.4	F810
1516	6B1516P	53.619	1.803	49.991	18.3	F780	2370HX	8B745HxD	53.980	1.564	50.800	21.4	F781
	4B1516P	53.619	1.803	49.991	18.3	F780	2226A	4B610A	53.980	1.570	50.813	18.8	F810
	4B1516D	53.619	1.803	49.991	18.3	F780	7116A	6B1238A	53.988	1.575	50.785	18.3	F810
1516D	4B1516D	53.619	1.803	49.991	18.3	F781	2430	6B2430P	53.993	1.576	50.800	20.8	F780
7891A	4B7891A	53.673	1.814	49.990	23.4	F810	7206A	8B7206A	54.005	1.491	51.003	16.6	F810
7730A	4B7730A	53.708	1.830	50.000	20.1	F810	7210A	8B7210A	54.005	1.491	51.003	16.6	F810
7700H	4B7700H	53.708	1.834	50.000	20.3	F781	2130A	4B2130A	54.017	1.510	50.955	21.1	F810
1062A	4B1062A	53.708	1.836	50.000	17.8	F810	1041	6B1041P	54.018	3.005	47.960	24.1	F780
1063A	4B1063A	53.708	1.836	50.000	17.8	F810	1037	4B1037P	54.019	2.006	49.960	28.1	F780
1110	4B1110P	53.708	1.836	50.000	23.4	F780	8143A	4B8143A	54.020	1.510	50.955	21.1	F810
1110H	4B1110H	53.708	1.836	50.000	23.4	F781	8140A	4B8140A	54.027	1.510	50.955	21.1	F810
7747D	4B7747D	53.708	1.838	50.000	20.0	F781	9092A	8B7210AO/S2	54.055	1.641	51.003	16.6	F810
7747A	4B7747P	53.708	1.838	50.000	20.0	F810	8428A	4B8428A	54.515	1.490		17.0	F810
	4B7747D	53.708	1.838	50.000	20.0	F810	1030A	4B1030A	54.521	1.835	50.800	22.4	F810





# Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1346	4B1346P	54.521	1.862	50.762	23.7	F780	1890A	4B1890A	56.000	1.513	52.931	25.8	F810
1236HX	4B1236HX	55.010	1.487	51.972	17.0	F781	2948A	4B2948A	56.010	1.513	52.926	26.1	F810
1236H	4B1236H	55.010	1.500	51.972	17.0	F781	2260A	4B2260A	56.016	1.487	53.000	25.1	F810
1370	4B1370P	55.011	1.450	51.986	19.7	F780		4B2260P	56.016	1.487	53.000	25.1	F810
	6B1370P	55.011	1.450	51.986	19.7	F780	2260	4B2260P	56.016	1.487	53.000	25.1	F780
1370A	6B1370A	55.011	1.450	51.986	19.7	F810	1626A	4B1626A	56.017	1.510	52.954	22.0	F810
	4B1370A	55.011	1.450	51.986	19.7	F810	1151A	4B1151A	56.017	1.510	52.954	22.0	F810
5286	4B5286P	55.012	1.499	51.987	19.6	F780	2010	4B2010P	56.019	1.988	52.000	20.3	F780
2640	6B2640P	55.013	1.502	51.975	17.0	F780	2010H	4B2010H	56.019	1.988	52.000	20.3	F781
2640A	6B2640A	55.013	1.502	51.975	17.0	F810	7805A	4B7805A	56.019	1.842	52.286	18.8	F810
2640H	6B2640H	55.013	1.502	51.975	17.0	F781	8149A	6B8149A	56.020	1.511	52.955	17.0	F810
2640HX	6B2640HX	55.013	1.489	51.975	17.0	F781	8419A	4B8419A	56.020	1.493	53.002	15.6	F810
2751A	4B2751A	55.013	1.501	51.973	24.1	F810	1730A	4B1730A	56.020	1.485	53.000	25.9	F810
2626A	4B2626A	55.013	1.503	51.974	23.1	F810	1994	6B1994P	56.020	1.510	53.000	1.5	F780
1141A	4B1141A	55.019	1.488	52.000	22.1	F810	8466A	6B8466A	56.020	1.490	53.000	15.0	F810
4370	4B4370P	55.020	1.470	52.000	20.0	F780	8381A	6B8381A	56.020	1.484	53.000	16.0	F810
8296HX	4B8296HX	55.020	1.487	52.000	16.5	F781	8420A	4B8420A	56.020	1.493	53.002	15.6	F810
8296H	4B8296H	55.020	1.500	52.000	16.5	F781	1756A	4B1756A	56.020	1.510	52.955	20.8	F810
8296A	4B8296A	55.020	1.500	52.000	16.5	F810	7986A	6B7986A	56.020	1.495	53.000	22.1	F810
8296	4B8296P	55.020	1.500	52.000	16.5	F780	8350A	6B8350A	56.020	1.511	52.955	17.0	F810
5220A	4B943A	55.020	1.496	52.000	20.0	F810	8466H	6B8466H	56.020	1.490	53.000	15.0	F781
2166H	4B2166H	55.020	1.496	52.000	20.1	F781	8466HX	6B8466HX	56.020	1.477	53.000	15.0	F781
2166A	4B2166A	55.020	1.496	52.000	20.1	F810	1250A	4B1250A	56.021	1.496	53.000	25.1	F810
2166HX	4B2166HX	55.020	1.483	52.000	20.1	F781	1136A	4B1136A	56.021	1.493	53.000	25.1	F810
8091	8B8091P	55.024	1.496	51.999	19.5	F780	1701A	4B1701A	56.022	1.494	53.000	22.0	F810
8091H	8B8091H	55.024	1.496	51.999	19.5	F781	1726A	4B1726A	56.024	1.485	53.000	25.9	F810
8091HX	8B8091HX	55.024	1.483	51.999	19.5	F781	8414A	4B8414A	56.024	1.485	53.000	19.8	F810
8365A	4B8365A	55.024	1.493	52.000	20.5	F810	8376A	4B8376A	56.024	1.485	53.000	19.8	F810
1935A	6B1935A	55.025	1.503	52.000	17.5	F810	1480A	8B960A	56.096	1.425	53.226	21.3	F810
8172H	4B8172H	55.034	1.500	52.000	17.0	F781		6B960A	56.096	1.425	53.226	21.3	F810
8172HX	4B8172HX	55.034	1.487	52.000	17.0	F781		4B960A	56.096	1.425	53.226	21.3	F810
1170A	6B1170A	55.035	1.500	52.000	19.9	F810	2351	6B2351P	56.426	1.572	53.238	29.6	F780
1160A	6B1160A	55.035	1.499	52.000	19.9	F810	7170A	6B7170A	56.507	1.486	53.510	17.4	F810
8100	6B8100P	55.042	1.511	52.000	19.3	F780	2376HD	8B663HD	56.520	1.575	53.340	21.3	F781
8100HX	6B8100HX	55.042	1.493	52.000	19.3	F781	2376A	8B663A	56.520	1.575	53.340	21.3	F810
8100H	6B8100H	55.042	1.506	52.000	19.3	F781		6B663A	56.520	1.575	53.340	21.3	F810
8100A	6B8100A	55.042	1.511	52.000	19.3	F810	2376	8B663P	56.520	1.575	53.340	21.3	F780
2186A	4B984A	55.189	1.585	51.999	20.3	F810	2376H	8B663H	56.520	1.572	53.340	21.3	F781
2875	6B2875P	55.524	1.749	52.000	19.1	F780		8B663H	56.520	1.575	53.340	21.3	F781
8724	8B8724P	55.614	1.814	51.965	19.6	F780		8B663HD	56.520	1.575	53.340	21.3	F781
	6B8724P	55.614	1.814	51.965	19.6	F780	2376HX	8B663HX	56.520	1.559	53.340	21.3	F781
2516	4B2516P	55.619	1.805	51.965	26.0	F780		8B663HX	56.520	1.562	53.340	21.3	F781
2516A	4B2516A	55.619	1.805	51.965	26.0	F810		8B663HXD	56.520	1.559	53.340	21.3	F781
2515	5B2515P	55.619	1.805	51.965	26.0	F780		8B663HXD	56.520	1.562	53.340	21.3	F781
2515A	4B2515A	55.619	1.805	51.965	26.0	F810	2376HXD	8B663HXD	56.520	1.562	53.340	21.3	F781
8704	8B8704P	55.619	1.810	51.965	22.0	F780	7110A	6B1227A	56.520	1.575	53.340	18.1	F810
2515A	5B2515A	55.619	1.805	51.965	26.0	F810	7110H	8B1227H	56.520	1.575	53.340	18.0	F781
8736A	4B8736A	55.619	1.805	51.965	26.0	F810	7110HX	8B1227HX	56.520	1.562	53.340	18.0	F781
8730	6B8730P	55.619	1.803	51.968	26.0	F780	2376H	8B663HD	56.520	1.572	53.340	21.3	F781
8736A	5B8736A	55.619	1.805	51.965	26.0	F810	7848A	4B7848P	56.606	1.782	52.990	20.7	F810
2511	4B2511P	55.619	1.800	51.960	26.0	F780	7848	4B7848P	56.606	1.782	52.990	20.7	F780
2515	4B2515P	55.619	1.805	51.965	26.0	F780	1750A	4B1750A	56.696	1.833	53.000	28.6	F810
7886A	4B7886P	55.619	1.768	52.000	18.3	F810	2991	6B2991	56.731	1.849	52.987	24.8	F780
7886	4B7886P	55.619	1.768	52.000	19.3	F780	1841	4B1841P	56.731	1.842	53.000	24.8	F780
1366A	4B1366A	56.000	1.513	52.926	26.0	F810	3068	4B3068	56.731	1.848	53.000	24.8	F23
1320A	4B1320A	56.000	1.515	52.930	22.5	F810	5530A	5B5530A	56.819	1.404	53.978	17.0	F810
8575A	4B8575A	56.000	1.493		25.1	F810		6B5530A	56.819	1.404	53.978	17.0	F810
1890	4B1890P	56.000	1.513	52.931	25.8	F780	5530H	6B5530H	56.819	1.404	53.978	17.0	F781





# Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
5530HX	6B5530HX	56.819	1.391	53.978	17.0	F781	3063A	4B3063A	57.695	1.826	53.990	22.5	F810
7971A	6B7971A	56.820	1.380	54.000	32.9	F810	7755	4B7755P	57.695	1.823	54.000	22.7	F780
1656A	6B723A	56.840	1.407	54.000	16.5	F810	7755A	4B7755A	57.695	1.823	54.000	22.7	F810
5636A	10B1442A	56.886	1.928	53.002	21.0	F810	7760	4B7760P	57.695	1.823	54.000	22.7	F780
5636	8B1442P	56.886	1.928	53.002	21.0	F780	7760D	4B7760D	57.695	1.823	54.000	22.7	F781
5636A	8B1442A	56.886	1.928	53.002	21.0	F810	1531AL	4B1531A	57.696	1.835	54.000	19.2	F820
5636H	8B1442H	56.886	1.925	53.002	21.0	F781	9950	5B9950P	57.696	1.825	54.010	20.8	F780
5636HX	8B1442HX	56.886	1.912	53.002	21.0	F781		4B9950P	57.696	1.825	54.010	20.8	F780
2131HX	8B634HX	56.891	1.447	53.939	18.4	F781	2180A	6B699A	57.805	1.923	53.939	20.3	F810
7255A	8B7255A	56.891	1.925		21.9	F810	2451A	4B2451A	57.818	1.397	54.991	17.6	F810
2131	8B634P	56.891	1.458	53.939	18.4	F780	2456	4B2456P	57.818	1.389	54.996	20.1	F780
2150H	6B2150H	56.891	1.455	53.945	20.6	F781	2741	4B2741P	57.836	1.842	54.102	27.0	F780
2150A	6B2150A	56.891	1.458	53.945	20.6	F810		6B2741P	57.836	1.842	54.102	27.0	F780
	4B583A	56.891	1.458	53.945	20.6	F810	8240A	4B8240A	58.000	1.505	54.955	23.6	F810
2131A	8B634A	56.891	1.458	53.939	18.4	F810	8250	8B8250P	58.012	1.490	55.000	17.5	F781
2150	6B2150P	56.891	1.458	53.945	20.6	F780	2740	4B2740P	58.014	1.986	54.000	24.1	F780
5240A	4B1383A	56.891	1.458	53.950	20.6	F810		6B2740P	58.014	1.986	54.000	24.1	F780
2131H	8B634HD	56.891	1.460	53.939	18.4	F781	1180A	6B1180A	58.019	1.495	54.999	15.5	F810
2131HX	8B634HxD	56.891	1.447	53.939	18.4	F781	8493A	6B8493A	58.020	1.485	55.000	25.6	F810
2131H	8B634H	56.891	1.460	53.939	18.4	F781	8240	4B8240P	58.020	1.505	54.955	23.6	F780
2150HX	6B2150HX	56.891	1.442	53.945	20.6	F781	1800H	4B1800H	58.020	1.993	54.000	27.6	F781
2131HD	8B634HD	56.891	1.460	53.939	18.4	F781	1426A	4B1426A	58.020	1.487	54.980	27.6	F810
2131HXD	8B634HXD	56.891	1.447	53.939	18.4	F781	1360A	6B1360A	58.020	1.486	55.000	25.6	F810
1297A	4B1297A	57.000	1.497		25.1	F810	1361A	4B1361A	58.020	1.485	55.000	27.6	F810
1840A	6B1840A	57.000	1.513	53.937	17.1	F810		6B1361A	58.020	1.485	55.000	27.6	F810
2538	6B2538P	57.000	1.505	53.974	17.1	F780	8493A	4B8493A	58.020	1.485	55.000	25.6	F810
5502A	6B5502A	57.012	1.497	53.987	16.3	F810	1376A	6B1376A	58.020	1.486	55.000	25.6	F810
2990HX	8B2990HX	57.013	1.495	53.974	18.3	F781	1800	4B1800P	58.020	1.990	54.000	27.6	F780
2990H	8B2990H	57.013	1.508	53.974	18.3	F781	1995	6B1995P	58.020	1.510	55.000	14.5	F780
2990A	8B2990A	57.013	1.508	53.974	18.3	F810	1770	4B1770P	58.020	1.995	54.000	27.6	F780
2990	8B2990P	57.013	1.500	53.974	18.3	F780	8060A	6B8060A	58.024	1.488	55.000	17.0	F810
1902A	6B1902A	57.018	1.496	53.993	17.4	F810	8061A	6B8061A	58.024	1.488	55.000	17.0	F810
7280A	8B7280A	57.150	1.577	53.962	19.3	F810	1720A	4B1720A	58.024	1.486	55.000	26.0	F810
8500A	8B684A	57.150	1.572	53.970	21.1	F810	2986	4B2986P	58.045	1.499	55.000	31.0	F780
2356	8B2356P	57.160	1.575	53.975	19.8	F780	2980A	4B2980A	58.045	1.499	55.000	26.0	F810
2356H	8B2356H	57.160	1.572	53.975	19.8	F781	7260A	8B7260A	58.745	1.562	55.596	19.0	F810
2356HX	8B2356HX	57.160	1.559	53.975	19.8	F781	7750A	4B7750A	58.750	1.838	55.021	29.0	F810
2700H	1B481H	57.163	1.582	53.975	21.5	F781	4601A	6B606A	58.750	1.578	55.563	25.1	F820
	8B481H	57.163	1.582	53.975	21.5	F781	1214A	6B1214A	58.750	1.585	55.563	18.3	F810
2700A	8B481A	57.163	1.585	53.975	21.5	F810	9965	8B9965P	58.801	1.580	55.513	17.6	F780
2700	8B481P	57.163	1.585	53.975	21.5	F780	2500H	6B2500H	59.013		55.961	19.0	F781
	1B481P	57.163	1.585	53.975	21.5	F780		1B2500H	59.013		55.961	19.0	F781
2700HX	1B481HX	57.163	1.569	53.975	21.5	F781	8262A	6B8262A	59.024	1.492	56.000	16.0	F810
	8B481HX	57.163	1.569	53.975	21.5	F781	7100H	8B743H	59.060	1.572	55.880	22.6	F781
1387A	6B1387A	57.168	1.584	53.975	18.7	F810	7100A	8B743A	59.060	1.575	55.880	22.6	F810
5230A	6B1385A	57.170	1.567	54.003	19.3	F810	7100	8B743P	59.060	1.575	55.880	22.6	F780
7211HX	8B1808HX	57.219	1.572	54.008	18.8	F781	7100HD	8B743HD	59.060	1.572	55.880	22.6	F781
7211	8B1808P	57.219	1.590	54.008	20.1	F780	7100HX	8B743HX	59.060	1.559	55.880	22.6	F781
7211A	8B1808A	57.219	1.590	54.008	20.1	F810		8B743HXD	59.060	1.559	55.880	22.6	F781
7211H	8B1808H	57.219	1.585	54.008	18.8	F781	7100HXD	8B743HXD	59.060	1.559	55.880	22.6	F781
1090	1B1090P	57.582	1.798	53.955	23.3	F780	7100H	8B743HD	59.060	1.572	55.880	22.6	F781
	4B1090P	57.582	1.798	53.955	23.3	F780	2270H	6B2270H	59.636	1.798	56.008	18.6	F781
	3B1090P	57.582	1.798	53.955	23.3	F780	2270A	6B2270A	59.636	1.801	56.008	18.6	F810
5546	6B5546P	57.612	1.806	53.978	17.0	F780	2270HX	6B2270HX	59.636	1.785	56.008	18.6	F781
5568A	6B5568A	57.612	1.806	53.978	17.0	F810	2966	6B2966P	60.000	1.513	56.926	26.1	F780
3062A	4B3062A	57.685	1.826	54.005	24.5	F810	2966H	6B2966H	60.000	1.510	56.926	26.1	F781
3063	4B3063P	57.695	1.826	53.990	22.5	F780	2955	6B2955P	60.000	1.517	56.926	26.1	F780
7760	4B7760D	57.695	1.823	54.000	22.7	F780	2955A	6B2955A	60.000	1.517	56.926	26.1	F810





# Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2955H	6B2955H	60.000	1.512	56.926	26.1	F781							
2955HX	6B2955HX	60.000	1.499	56.926	26.1	F781	8396HX	6B8396A	62.032	1.492	59.005	23.6	F810
2966H	4B2966H	60.000	1.510	56.926	26.1	F781	1850A	4B1850A	62.032	1.489	59.000	24.6	F810
2966A	4B2966A	60.000	1.513	56.926	26.1	F810	8396H	6B8396H	62.032	1.489	59.005	23.6	F781
2966HX	4B2966HX	60.000	1.497	56.926	26.1	F781	1084	4B1084P	62.420	1.829	58.712	26.9	F780
	6B2966HX	60.000	1.497	56.926	26.1	F781	2691	4B2691P	62.446	1.835	58.744	25.1	F780
4380A	6B4380A	60.000	1.920		18.3	F810	2690A	4B2690A	62.446	1.835	58.744	25.1	F810
7800A	4B7800A	60.019	1.842	56.286	20.8	F810	2690	4B2690P	62.446	1.835	58.744	25.1	F780
7838A	4B7838A	60.019	1.842	56.286	20.8	F810	2466	8B527A	63.513	1.582	60.325	23.1	F780
7806A	4B7806A	60.019	1.842	56.286	20.8	F810	2466HD	8B527HD	63.513	1.580	60.325	23.1	F781
7802A	4B7802A	60.019	1.842	56.286	20.8	F810	2466HxD	8B527HxD	63.513	1.567	60.325	23.1	F781
8576A	4B8576A	60.020	1.493		25.1	F810	2162A	4B2162A	63.520	1.738	60.000	26.1	F810
8243A	4B8243A	60.020	1.511	56.955	23.6	F810	2162	4B2162P	63.520	1.738	60.000	26.1	F780
8243	4B8243P	60.020	1.511	56.955	23.6	F780	2756	4B2756P	63.980	1.998	59.945	34.0	F780
1301	6B1301P	60.198	1.504	57.150	26.2	F780	2310AL	6B2310A	64.008	1.811	60.325	29.8	F820
2360A	6B2360A	60.312	1.572	57.147	16.7	F810	1234	4B1234P	64.018	2.000	59.964	33.1	F780
2306HX	6B2306HX	60.312	1.555	57.137	18.3	F781	1536	6B1536P	64.018	2.000	59.964	33.1	F780
2306	6B2306P	60.312	1.570	57.137	18.3	F780		4B1535P	64.018	2.000	59.964	33.1	F780
2306A	6B2306A	60.312	1.570	57.137	18.3	F810	1191	4B1191P	64.018	2.000	59.964	33.1	F780
2306H	6B2306H	60.312	1.568	57.137	18.3	F781	1536	4B1191P	64.018	2.000	59.964	33.1	F780
2360	6B2360P	60.312	1.572	57.147	16.7	F780	1535	4B1535P	64.018	2.000	59.964	33.1	F780
7140	8B758P	60.325	1.572	57.142	22.4	F780	8280	4B8280A	64.021	1.490	61.000	30.0	F780
7231A	6B7231A	60.338	1.580	57.137	19.5	F810	8285A	4B8285A	64.025	1.485	61.001	30.0	F810
2290A	4B2290A	60.338	1.802	56.707	20.8	F810	1641A	6B1641A	64.046	1.821	60.373	17.9	F810
	5B2290A	60.338	1.802	56.707	20.8	F810	1292	8B1286A	64.150	1.570	60.940	22.9	F810
	6B2290A	60.338	1.802	56.707	20.8	F810	5500AL	6B5500A	64.605	1.791	60.973	34.8	F820
7111A	6B1358A	60.342	1.575	57.145	18.9	F810	2771	6B2771P	64.605	1.793	60.973	34.8	F780
7941	4B7941P	60.345	1.870	56.535	24.7	F780	1776A	4B1776A	64.846	1.836	61.125	28.7	F810
7940	4B7940P	60.345	1.870	56.535	24.7	F780	8144A	4B8144A	64.850	1.835	61.125	28.1	F810
7990	6B7990P	60.540	1.745	57.000	21.4	F780	2865A	6B2865A	65.019	2.472	60.015	29.4	F810
7990HX	6B7990HX	60.540	1.732	57.000	21.4	F781	2866	4B2866P	65.019	2.471	60.015	32.1	F780
7990A	6B7990A	60.540	1.745	57.000	21.4	F810	2865A	4B2865A	65.019	2.472	60.015	29.4	F810
7990H	6B7990H	60.540	1.745	57.000	21.4	F781	2866	6B2866P	65.019	2.471	60.015	32.1	F780
8600A	4B8600A	60.846	1.838	57.125	26.7	F810	2110A	8B760A	65.824	1.923	61.946	18.7	F810
1760	6B1760P	60.846	1.840	57.125	28.6	F780	2776	6B2776P	66.000	1.998	61.945	32.0	F780
	4B1760P	60.846	1.840	57.125	28.6	F780		4B2776P	66.000	1.998	61.945	32.0	F780
7310A	6B7310A	61.006	1.486	58.006	17.0	F810	8435	4B8435P	66.000	1.997	61.960	28.1	F780
1470A	6B1410A	61.006	1.483	58.014	16.5	F810	1356	6B1356P	66.050	1.994	61.990	31.0	F780
7315A	6B7315A	61.010	1.490	58.013	17.3	F810	8506A	8B542A	66.675	1.572	63.505	21.0	F810
2452HX	6B2452HX	61.019	1.978	56.990	17.8	F781	2366	6B2366	67.221	1.836	63.487	35.1	F780
2452H	6B2452H	61.019	1.990	56.990	17.8	F781	2100AL	4B2100A	67.221	1.824	63.505	34.0	F820
7201A	6B7201A	61.206	1.641	57.904	16.6	F810		6B2100	67.221	1.824	63.505	34.0	F820
7200A	6B7200A	61.206	1.641	57.904	16.6	F810	5210H	8B818H	67.386	1.925	63.500	22.0	F781
4500A	6B4500A	61.648	1.460	58.702	19.9	F810	5210A	8B818A	67.386	1.927	63.500	22.0	F810
2176A	8B831A	61.653	1.465	58.702	18.2	F809	5210	8B818P	67.386	1.927	63.500	22.0	F780
2176	8B831P	61.653	1.465	58.702	18.2	F780	1886	6B1886P	68.015	2.012	63.944	29.8	F780
5200A	6B1283A	61.656	1.462	58.699	17.1	F810		4B1886P	68.015	2.012	63.944	29.8	F780
2106A	8B927A	61.897	1.588	58.702	18.2	F810	8547A	4B8547A	68.120	2.030	64.000	29.9	F810
2106	8B927P	61.897	1.588	58.702	18.2	F780	5246	8B1633P	68.364	2.418	63.475	24.6	F780
2106H	8B927H	61.897	1.585	58.702	18.2	F781	5241	8B1327P	68.364	2.418	63.475	22.6	F780
1196	4B1196P	62.020	1.999	57.965	32.4	F780	2913	4B2914P	69.000	1.995	64.945	32.0	F780
	4B1196P	62.020	1.999	57.965	32.4	F780	2914	4B2914P	69.000	1.995	64.945	32.0	F780
	4B1190P	62.020	1.999	57.965	32.4	F780	1235	4B1235P	69.020	2.000	64.960	33.1	F780
1786A	4B1786A	62.020	1.487	59.000	30.0	F810	1230	6B1230P	69.020	2.000	64.940	34.1	F780
1196	4B1190P	62.020	1.999	57.965	32.4	F780		4B1230P	69.020	2.000	64.940	34.1	F780
1190	4B1190P	62.020	1.999	57.965	32.4	F780	1831	6B1831P	70.000	2.013	65.922	30.4	F781
8375A	4B8375A	62.025	1.490	59.000	30.0	F810	1836	4B1836P	70.000	2.013	65.922	30.4	F780
8396A	5B8396A	62.032	1.492	59.005	23.6	F810	1131AL	6B1131A	70.409	1.842	66.675	31.1	F820





## Progressive Tunnel Listing - Conrod Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1131AL	4B1131A	70.409	1.842	66.675	31.1	F820
1861A	4B1861A	70.891	2.084	66.675	34.0	F810
	6B1861	70.891	2.084	66.675	34.0	F810
	6B1860	70.891	2.084	66.675	34.0	F810
1860AL	6B1860	70.891	2.084	66.675	34.0	F820
7270	1B7270P	73.010	1.981	69.012	21.1	F780
	8B7270P	73.010	1.981	69.012	21.1	F780
2330	6B2330P	73.622	1.862	69.837	35.1	F780
2336	6B2336P	73.622	1.862	69.837	35.1	F780
1121A	4B1121A	74.727	2.400	69.860	35.8	F810
1120	4B1120P	74.727	2.400	69.860	35.8	F780
1121A	3B1121P	74.727	2.400	69.860	35.8	F810
1120	6B1120P	74.727	2.400	69.860	35.8	F780
7271	8B7271P	76.012	1.981	72.014	21.1	F780
	1B7271P	76.012	1.981	72.014	21.1	F780
1854	4B1854P	78.000	2.517	72.922	30.4	F780
1839	6B1839P	78.000	2.517	72.922	30.4	F780
2716	6B2716P	84.000	2.012	79.910	41.0	F780



# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1992A	3M1992A	42.020	2.001	38.000	20.0	F810	2605A	4M2605A	51.019	3.030	44.965	16.0	F809
3160A	3M3161A	44.013	1.990	39.975	30.1	F810	8392A	5M8392A	51.036	2.000	47.000	16.0	F810
3161A	3M3161A	44.013	1.990	39.975	32.9	F810	9923A	5M9922A	51.600	1.789	48.000	17.5	F810
3159A	3M3161A	44.013	1.990	39.975	27.1	F810	9922A	5M9922A	51.600	1.789	48.000	17.5	F810
8584A	5M8584A	44.020	1.990	40.000	17.1	F810	3041A	5M3041A	51.718	1.841	48.000	19.0	F810
8355A	4M8355A	44.020	1.990	40.000	17.0	F810		5M3041A	51.718	1.848	48.000	19.0	F810
1989A	4M1989A	44.020	2.009	43.000	19.0	F810		5M3044A	51.718	1.841	48.000	19.0	F810
8584A	4M8584A	44.020	1.990	40.000	17.1	F810		5M3044A	51.718	1.848	48.000	19.0	F810
8318A	3M8318A	45.012	1.508	41.980	20.1	F810		5M3045A	51.718	1.841	48.000	19.0	F810
8326A	4M8326A	45.024	1.508	41.980	20.1	F810		5M3045A	51.718	1.848	48.000	19.0	F810
8329A	5M8329A	45.036	1.512	41.985	14.1	F810	3044A	5M3044A	51.718	1.848	48.000	24.0	F810
1258A	5M1259A	46.018	2.000		16.1	F810	3045A	5M3045A	51.718	1.848	48.000	24.2	F810
	5M1258A	46.018	2.000		16.1	F810	1020A	5M1020A	51.934	1.841	48.209	17.7	F810
1259A	5M1259A+2T	46.018	2.000		16.1	F810	1021A	5M1020A	51.934	1.841	48.209	25.3	F810
1258A	5M1258A+2T	46.018	2.000		16.1	F810	7869A	5M7868A	51.943	1.950	48.011	19.5	F810
	5M1259A+2T	46.018	2.000		16.1	F810	7868A	5M7868A	51.943	1.950	48.011	19.5	F810
1259A	5M1259A	46.018	2.000		16.1	F810	7864A	5M7864A	51.943	1.950	48.011	19.5	F810
1991A	3M1991A	46.020	2.001	42.000	20.0	F810	7865A	5M7865A	51.943	1.950	48.011	19.5	F810
8019A	4M8019A	46.020	1.994	42.000	16.0	F810	8594A	5M8594A	52.000	2.015		16.0	F810
8011A	4M8011A	46.024	1.990	42.000	19.5	F810	8458A	5M8458A	52.000	1.997		17.2	F810
	4M8009A	46.024	1.990	42.000	19.5	F810	1817A	5M1817A	52.000	2.006	47.938	15.5	F810
	3M8011A	46.024	1.990	42.000	19.5	F810	1869A	5M1869A	52.000	2.010	47.938	17.0	F810
8009A	4M8009A	46.024	1.990	42.000	19.5	F810	1853A	5M1853A	52.016	1.996	48.000	17.0	F810
8015A	3M8015A	46.024	1.990	42.000	19.5	F810	1857A	5M1857A	52.016	1.996	48.000	17.0	F810
1928A	5M1928A	47.020	2.007	43.000	20.0	F810	1857H	5M1857H	52.016	1.996	48.000	17.0	F780
8580A	3M8580A	47.020	1.990	43.000	19.4	F810	1857HX	5M1857HX	52.016	1.983	48.000	17.0	F780
8578A	3M8578A	47.020	1.990	43.000	19.4	F810	2635A	5M2635A	52.020	2.005	47.979	16.0	F810
7866A	5M7866A	47.625	1.795	44.010	18.8	F810	1124A	5M1124A	52.020	1.990	48.000	19.1	F810
7817A	5M7817A	47.625	1.798	44.010	18.8	F810	2918A	5M2918A	52.020	1.985	48.006	18.9	F810
3037A	5M3037A	47.718	1.848	44.000	19.0	F810	1737A	5M1737A	52.020	1.990	48.000	19.1	F810
3036A	5M3036A	47.718	1.841	44.000	19.0	F810	1704A	5M1704A	52.050	2.004	48.000	19.9	F810
8424A	4M8424A	48.000	1.995	44.000	14.9	F810	1695A	5M1695A	52.050	2.004	48.000	19.9	F810
1267A	5M1267A	48.018	1.993	44.000	17.1	F810	1695H	5M1695H	52.050	2.001	48.000	19.9	F780
	4M1267A	48.018	1.993	44.000	17.1	F810	1704A	5M1695A	52.050	2.004	48.000	19.9	F810
8542A	4M8542A	48.020	1.991	44.000	17.1	F810	1704H	5M1695H	52.050	2.001	48.000	19.9	F780
2203	3M3427P	48.171	1.829	44.475	27.1	F780	1704HX	5M1695HX	52.050	1.988	48.000	19.9	F780
	3M2203P	48.171	1.829	44.475	27.1	F780	1695HX	5M1695HX	52.050	1.988	48.000	19.9	F780
2202	3M2202P	48.171	1.834	44.475	30.2	F780	8025A	4M8025A	52.200	1.994	47.990	17.1	F810
3427	3M3427P	48.171	1.829	44.475	27.1	F780	5533A	5M5533A	53.010	2.508	47.978	18.5	F810
8444A	5M8444A	49.000	2.000	45.000	18.0	F810	1625A	5M1623A	53.667	1.827	49.964	18.1	F810
2665A	5M2665A	49.013	2.010	44.970	16.0	F810	1623A	5M1623A	53.667	1.827	49.964	22.1	F810
2769A	5M2769A	49.016	2.004	44.971	17.1	F810	2949A	5M2949A	53.668	1.835	49.964	16.1	F810
8337H	5M8337H	49.018	2.000	44.994	18.1	F780	2967A	5M2967A	53.670	1.831	49.964	22.1	F810
8337A	5M8337A	49.018	2.000	44.994	18.1	F810		3M2967A	53.670	1.831	49.964	22.1	F810
	4M8337A	49.018	2.000	44.994	18.1	F810	2969A	5M2967A	53.673	1.831	49.964	18.0	F810
8337HX	5M8337HX	49.018	1.987	44.994	18.0	F780	7708A	5M7708A	53.674	1.832	49.981	17.3	F810
8245A	4M8245A	49.020	2.003	45.000	18.1	F810	7773	5M7772A	53.674	1.833	49.981	19.9	F780
1932A	5M1932A	49.025	2.001	45.000	20.0	F810	7707A	5M7705A	53.674	1.832	49.981	17.3	F810
7904A	5M7904A	49.890	1.922	46.000	19.5	F810	7709A	5M7708A	53.674	1.832	49.981	17.3	F810
7905A	5M7904A	49.980	1.922	46.000	24.5	F810	7723A	5M7723A	53.674	1.832	49.981	17.3	F810
8426A	5M8426A	50.000	1.992	46.000	14.9	F810	7724A	5M7723A	53.674	1.832	49.981	17.3	F810
8214A	5M8214A	50.016	1.994	46.012	16.0	F810	7725A	5M7725A	53.674	1.832	49.981	17.3	F810
8226A	5M8226A	50.016	2.000	46.012	16.0	F810	7727A	5M7725A	53.674	1.832	49.981	17.3	F810
8438A	5M8438A	50.018	1.992	46.000	14.9	F810	7728A	5M7728A	53.674	1.832	49.981	17.3	F810
8126A	4M8126A	50.020	1.994	46.000	16.0	F810	7729A	5M7728A	53.674	1.832	49.981	17.3	F810
8184A	5M8184A	50.020	1.995	46.000	14.8	F810	7772	5M7772A	53.674	1.833	49.981	20.4	F780
8185A	5M8185A	50.020	1.995	46.000	14.8	F810	7705A	5M7705A	53.674	1.832	49.981	17.3	F810
8565A	5M8565A	50.020	1.991	46.029	16.1	F810	2797	5M2797P	53.731	1.854	49.981	17.3	F780





# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2797H	5M2797H	53.731	1.854	49.981	17.3	F780	2894A	5M2894A	54.722	1.846		19.0	F810
2797HX	5M2797HX	53.731	1.841	49.981	17.3	F780		5M2895A	54.722	1.846		19.0	F810
2797A	5M2797A	53.731	1.854	49.981	17.3	F810	1424A	5M1424A	55.011	1.970	51.024	18.0	F810
2798HX	5M2797HX	53.731	1.841	49.981	17.3	F780		5M1429A	55.011	1.970	51.024	18.0	F810
2798	5M2797P	53.731	1.854	49.981	17.3	F780	7915A	5M7915A	55.011	1.888	51.181	29.4	F810
2798H	5M2797H	53.731	1.854	49.981	17.3	F780	7774A	5M7768A	55.892	1.924	51.976	24.7	F810
2798A	5M2797A	53.731	1.854	49.981	17.3	F810	7769A	5M7768A	55.892	1.924	51.976	18.7	F810
8342A	5M8342A	54.008	1.986	50.000	20.0	F810	7768A	5M7768A	55.892	1.924	51.976	18.7	F810
2425A	5M2425A	54.013	1.995	49.997	17.1	F810	1867A	5M1867A	55.989	2.009	51.938	17.1	F810
	4M2425A	54.013	1.995	49.997	17.1	F810	1819A	5M1819A	56.000	2.006	51.938	15.5	F810
8338A	4M8338A	54.018	1.991	50.000	17.1	F810	4342A	5M2028A	56.007	1.986	52.007	20.0	F810
8037A	5M8037A	54.018	1.991	50.000	19.1	F810	4372A	5M4372A	56.007	1.986	52.007	20.0	F810
8039A	5M8039A	54.018	1.991	50.000	19.1	F810	4342A	5M4372A	56.007	1.986	52.007	20.0	F810
8354H	5M8353H	54.018	2.013	49.956	17.6	F780	7191A	5M7191A	56.017	1.999	51.986	18.0	F810
8292A	3M8292A	54.018	2.008	49.969	21.3	F810	1295HX	5M1295HX	56.018	2.009	51.960	18.0	F780
8037H	5M8037H	54.018	1.991	50.000	19.1	F780	1237H	5M1237H	56.018	1.996	51.985	18.0	F780
8353H	5M8353H	54.018	2.013	49.956	17.6	F780	1237HX	5M1237HX	56.018	1.983	51.985	18.0	F780
8292A	3M8293A	54.018	2.008	49.969	21.3	F810	8596A	5M8596A	56.018	2.015	51.960	18.1	F810
8353HX	5M8353HX	54.018	2.000	49.956	17.6	F780	8443A	5M8443A	56.018	2.000	52.000	18.1	F810
8354A	5M8354A	54.018	2.013	49.956	17.6	F810	8443H	5M8443H	56.018	2.000	52.000	18.1	F780
8354HX	5M8353HX	54.018	2.000	49.956	17.6	F780	8443HX	5M8443HX	56.018	1.987	52.000	18.1	F780
8354A	5M8353A	54.018	2.013	49.956	17.6	F810	8339A	5M8339A	56.018	2.005	52.000	18.1	F810
8353A	5M8353A	54.018	2.013	49.956	17.6	F810	1295H	5M1295H	56.018	2.022	51.960	18.0	F780
1947A	5M1947A	54.020	2.004	50.000	20.0	F810	2905A	5M2905A	56.020	2.000	51.979	17.1	F810
8043A	3M8043A	54.020	1.985	50.000	22.1	F810	2905H	5M2905H	56.020	2.010	51.979	17.0	F780
1937A	5M1937A	54.020	2.004	50.000	20.0	F810	2905HX	5M2905HX	56.020	1.997	51.979	17.0	F780
1202A	5M1202A	54.020	1.994	49.992	18.1	F810	2933A	3M2932A	56.030	1.840	52.300	34.1	F810
8334A	5M8334A	54.020	2.012	49.954	19.0	F810	2932A	3M2932A	56.030	1.840	52.300	30.1	F810
8017A	5M8017A	54.020	1.996	50.000	18.1	F810	8480A	5M8480A	56.040	2.004	52.000	29.0	F810
1975A	4M1975A	54.020	1.999	50.000	20.0	F810	1633	5M1633P	56.667	1.830	52.964	20.0	F780
1979A	5M1979A	54.020	2.010	50.000	17.0	F810	1633H	5M1633H	56.667	1.827	52.964	20.0	F780
1202A	5M1218A	54.020	1.994	49.992	18.1	F810	1633A	5M1633A	56.667	1.830	52.964	20.0	F810
1952A	5M1952A	54.024	1.999	49.994	19.9	F810	1633HX	5M1633HX	56.667	1.814	52.964	20.0	F780
1103A	5M1103A	54.028	1.996	50.000	20.9	F810	2654A	4M2653A	56.672	1.821	52.975	19.1	F810
1102A	5M1103A	54.028	1.996	50.000	20.9	F810	2653A	4M2653A	56.672	1.821	52.975	25.6	F810
	5M1102A	54.028	1.996	50.000	20.9	F810	8572A	5M8572A	56.680	1.829	52.967	22.1	F810
7250A	5M7250A	54.039	3.012	48.001	16.1	F810	1054A	5M1053A	56.718	1.838	53.000	20.8	F810
	5M7253A	54.039	3.012	48.001	16.1	F810	1053A	5M1053A	56.718	1.843	53.000	20.8	F810
7251A	5M7250A	54.039	3.012	48.001	16.1	F810	2835A	5M2834A	56.735	1.843	53.010	24.3	F810
	5M7253A	54.039	3.012	48.001	16.1	F810	2908H	5M2908H	56.735	1.843	53.000	20.8	F780
8382A	5M8382A	54.041	2.000	50.000	16.0	F810	2908HX	5M2908HX	56.735	1.830	53.000	20.8	F780
8368A	5M8368A	54.060	2.008	50.000	18.0	F810	2909H	5M2908H	56.735	1.843	53.000	24.3	F780
1443AL	5M1442A	54.518	1.831	50.775	22.7	F820	2834A	5M2834A	56.736	1.843	53.010	20.8	F810
1442AL	5M1442A	54.518	1.831	50.775	20.1	F820	2826A	5M2826A	56.738	1.843	53.005	20.8	F820
1029A	5M1028A	54.520	1.849	50.800	22.8	F810	2827A	5M2826A	56.738	1.843	53.005	24.3	F820
1028A	5M1028A	54.520	1.849	50.800	20.3	F810	8511A	5M8511A	56.799	2.377	52.019	21.3	F810
2807A	3M2807A	54.521	1.837	50.808	20.6	F810	7733A	5M7733A	56.832	1.880	53.046	19.3	F810
2823A	3M2805A	54.521	1.837	50.808	22.8	F810	1233A	4M1233A	57.020	1.993	53.000	17.0	F810
4302	3M4302	54.521	1.835	50.825	35.1	F23	8173A	5M8174A	57.037	2.504	52.000	19.1	F810
2808A	3M2807A	54.521	1.837	50.808	22.8	F810	1939	4M1939P	57.150	1.829	53.429	45.4	F780
2204	3M2204P	54.521	1.829	50.825	25.5	F780	2255AL	5M2255A	57.696	1.816	54.026	19.6	F820
2805A	3M2805A	54.521	1.837	50.808	18.6	F810	1665A	5M1664A	57.696	1.836	53.990	22.2	F810
2804A	3M2805A	54.521	1.837	50.808	20.6	F810	2152	5M2152P	57.696	1.836	54.000	25.5	F780
2215A	3M2215A	54.521	1.836	50.825	31.1	F810	1664A	5M1664A	57.696	1.836	53.990	24.0	F810
2205	3M2205P	54.529	1.830	50.843	25.0	F780	2557	5M2557	57.696	1.824	54.000	20.7	F780
2637A	3M2637A	54.546	1.836	50.825	27.9	F810	2152H	5M2152H	57.696	1.831	54.000	25.5	F780
3086AL	4M3084A	54.661	1.918	50.762	25.3	F820	2152	3M2152P	57.696	1.836	54.000	25.5	F780
3084AL	4M3084A	54.661	1.918	50.762	32.1	F820	2152A	5M2152A	57.696	1.836	54.000	25.5	F810





# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1665A	5M1678A	57.696	1.836	53.990	22.2	F810	8412H	5M8412H	59.016	1.996	55.000	17.0	F780
4378A	5M4378A	57.696	1.840	53.990	18.3	F810	8294A	3M8294A	59.018	2.020	54.970	21.1	F810
2254AL	5M2255A	57.696	1.816	54.026	28.7	F820	8718A	5M8718A	59.019	2.004	54.975	20.0	F810
	3M2254A	57.696	1.816	54.026	28.7	F820	8719A	5M8719A	59.019	2.019	54.965	20.0	F810
4379A	5M4378A	57.696	1.840	53.990	24.0	F810	8722A	5M8722A	59.019	2.012	54.965	17.0	F810
1678A	5M1678A	57.696	1.836	53.990	22.2	F810	1644H	5M1644H	59.019	2.502	53.978	18.5	F780
1678WA	5M1678A	57.696	1.836	53.990	23.0	F810	1668A	5M1668A	59.019	2.508	53.978	18.5	F810
2152HX	5M2152HX	57.696	1.818	54.000	25.5	F780	1648HX	5M1644HX	59.019	2.489	53.978	18.5	F780
1374AL	3M1372A	58.013	1.982	54.020	22.5	F820	1648H	5M1644H	59.019	2.502	53.978	18.5	F780
1372AL	3M1372A	58.013	1.982	54.010	24.9	F820	1648A	5M1675A	59.019	2.502	53.978	18.5	F810
5122AL	3M5123A	58.014	1.994	54.000	25.6	F820		5M1654A	59.019	2.502	53.978	18.5	F810
5573A	3M5573A	58.016	1.497	54.990	26.0	F810		5M1653A	59.019	2.502	53.978	18.5	F810
1439A	5M1439A	58.658	1.835	54.955	32.0	F810		5M1648A	59.019	2.502	53.978	18.5	F810
1438A	5M1438A	58.658	1.830	54.975	27.0	F810		5M1645A	59.019	2.502	53.978	18.5	F810
2429HX	7M2428HX	58.658	1.814	54.975	20.0	F780		5M1644A	59.019	2.502	53.978	18.5	F810
1437A	5M1438A	58.658	1.835	54.955	19.1	F810		5M1643A	59.019	2.502	53.978	18.5	F810
2429A	7M2428A	58.658	1.825	54.975	20.0	F810	1644A	5M1644A	59.019	2.502	53.978	18.5	F810
2394A	7M2394A	58.658	1.830	54.975	19.1	F810	1648	5M1643P	59.019	2.502	53.978	18.5	F780
2394H	7M2394H	58.658	1.827	54.975	19.1	F780	2729A	5M2729A	59.019	1.990	55.001	20.8	F810
2429H	7M2428H	58.658	1.827	54.975	20.0	F780	1644A	5M1654A	59.019	2.502	53.978	18.5	F810
1174A	7M1172A	58.658	1.835	54.955	24.1	F810	1644HX	5M1644HX	59.019	2.489	53.978	18.5	F780
	5M1172A	58.658	1.835	54.955	24.1	F810	1644A	5M1653A	59.019	2.502	53.978	18.5	F810
1172A	5M1172A	58.658	1.835	54.955	26.1	F810		5M1645A	59.019	2.502	53.978	18.5	F810
1437A	5M1439A	58.658	1.835	54.955	19.1	F810	5552A	4M5552A	59.019	2.502	53.978	18.5	F810
2394HX	7M2394HX	58.658	1.814	54.975	19.1	F780	1669A	5M1668A	59.019	2.508	53.978	18.5	F810
2394	7M2394P	58.658	1.830	54.975	19.1	F780	5543A	5M5543A	59.019	2.512	53.978	17.0	F810
1172A	7M1172A	58.658	1.835	54.955	26.1	F810	1644A	5M1643A	59.019	2.502	53.978	18.5	F810
1225A	5M1224A	58.660	1.827	54.955	24.1	F810	1644	5M1654P	59.019	2.502	53.978	18.5	F780
1224A	5M1224A	58.660	1.827	54.955	26.1	F810		5M1653P	59.019	2.502	53.978	18.5	F780
7807HX	5M7807HX	58.744	1.932	54.795	18.5	F780		5M1643P	59.019	2.502	53.978	18.5	F780
7807H	5M7807H	58.744	1.945	54.795	18.5	F780	1648	5M1654P	59.019	2.502	53.978	18.5	F780
7807A	5M7807A	58.744	1.945	54.795	18.5	F810		5M1653P	59.019	2.502	53.978	18.5	F780
7875A	5M7875A	58.744	1.945	54.795	18.5	F810	1984A	5M1984A	59.020	1.998	55.000	20.0	F810
7808	5M7808P	58.744	1.945	54.795	18.5	F780	1944A	6M1944A	59.020	2.001	55.000	20.0	F810
7894A	5M7894A	58.750	1.888	54.920	29.4	F810	1957H	5M1957H	59.020	2.007	55.000	20.0	F780
2734A	5M2734A	58.750	1.842	55.009	30.0	F810	1957HX	5M1957HX	59.020	1.994	55.000	20.0	F780
8102A	5M8102A	58.750	1.950	54.813	20.5	F810	1959	5M1959P	59.020	2.007	55.000	20.0	F780
7909A	5M7909A	58.750	1.950	54.805	19.5	F810	1959A	5M1959A	59.020	2.002	55.000	20.0	F810
7899A	5M7899A	58.750	1.888	54.920	29.3	F810	1957	5M1957P	59.020	2.007	55.000	20.0	F780
2735A	5M2734A	58.750	1.842	55.009	22.0	F810	1959HX	5M1959HX	59.020	1.989	55.000	20.0	F780
7752A	5M7752A	58.750	1.835	55.009	30.0	F810	1957A	5M1957A	59.020	2.007	55.000	20.0	F810
2628A	5M2628A	58.968	1.981	54.979	20.0	F810	8271A	4M8271A	59.020	2.019	54.965	21.1	F810
2975HX	5M2975HX	58.968	1.967	54.980	19.1	F780	1909A	5M1909A	59.020	2.010	55.000	18.0	F810
2628A	5M2628A+2T	58.968	1.981	54.979	20.0	F810	1959H	5M1959H	59.020	2.002	55.000	20.0	F780
2629A	5M2628A	58.968	1.981	54.979	23.5	F810	8362H	5M8361H	59.038	1.995	55.000	23.0	F780
2975H	5M2975H	58.968	1.980	54.980	19.1	F780	8362A	5M8361A	59.038	1.995	55.000	23.0	F810
2964HX	5M2964HX	58.968	1.962	54.980	19.1	F780	8362HX	5M8361HX	59.038	1.982	55.000	23.0	F780
2964A	5M2964A	58.968	1.980	54.980	19.1	F810	8361HX	5M8361HX	59.038	1.987	55.000	19.2	F780
2629A	5M2628A+2T	58.968	1.981	54.979	23.5	F810	8361H	5M8361H	59.038	2.000	55.000	19.2	F780
2964	5M2964P	58.968	1.980	54.980	19.1	F780	8361A	5M8361A	59.038	2.000	55.000	19.2	F810
2964H	5M2964H	58.968	1.975	54.980	19.1	F780	8477A	7M8476A	59.040	2.000	55.000	19.2	F810
2818A	5M2817A	59.000	1.513	55.935	21.1	F810	8476A	7M8476A	59.040	2.000	55.000	22.2	F810
2817A	5M2817A	59.000	1.513	55.935	32.1	F810	8475A	7M8475A	59.040	2.000	55.000	22.2	F810
5540A	5M5540A	59.012	2.501	53.978	18.5	F810	8474A	7M8474A	59.040	2.000	55.000	19.2	F810
5540	5M5540P	59.012	2.501	53.978	18.5	F780		7M8475A	59.040	2.000	55.000	19.2	F810
1338A	5M1338A	59.013	2.001	54.985	19.5	F810	8727	3M8727P	59.520	2.260	54.960	29.1	F780
8412HX	5M8412HX	59.016	1.983	55.000	17.0	F780	8729	3M8727P	59.520	2.260	54.960	37.1	F780
8412A	5M8412A	59.016	1.996	55.000	17.0	F810	7898A	5M7894A	59.995	1.888	56.165	21.5	F810





## Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
7898A	5M7915A	59.995	1.888	56.165	21.5	F810	1147A	5M1144A	61.020	1.990	57.000	23.0	F810
	5M7899A	59.995	1.888	56.165	21.5	F810		5M1238A	61.020	1.990	57.000	23.0	F810
1824A	5M1824A	60.000	2.008	55.932	21.8	F810		5M1238A	61.020	1.990	57.000	23.0	F780
1882A	5M1882A	60.000	2.011	55.932	21.8	F810		5M1217A	61.020	1.990	57.000	23.0	F810
1883A	5M1883A	60.000	2.011	55.932	21.8	F810	1144HX	5M1144HX	61.020	1.977	57.000	23.0	F780
2809A	5M2809A	60.000	2.008	55.932	21.9	F810	1147A	5M1217A	61.020	1.990	57.000	23.0	F780
1882A	5M1883A	60.000	2.011	55.932	21.8	F810		5M1144A	61.020	1.990	57.000	23.0	F780
7888A	5M7888P	60.011	1.988	56.000	19.5	F810		5M1147A	61.020	1.990	57.000	23.0	F780
7888	5M7888P	60.011	1.988	56.000	17.2	F780		5M1147A	61.020	1.990	57.000	23.0	F810
8335A	5M8335A	60.013	2.010	55.955	17.6	F810	1144H	5M1144H	61.020	1.990	57.000	23.0	F780
8302A	5M8302A	60.015	2.010	55.955	17.5	F810	1144A	5M1144A	61.020	1.990	57.000	23.0	F810
1548A	5M1548A	60.019	2.490	54.990	24.0	F810		5M1217A	61.020	1.990	57.000	23.0	F810
1549A	5M1548A	60.019	2.490	54.990	29.9	F810	1205A	5M1204A	61.020	1.994	56.992	21.0	F810
1397A	5M1397A	60.019	2.500		19.8	F810	8590A	5M8590A	61.020	2.003	57.000	20.6	F810
1518	7M1518P	60.019	2.498	54.990	18.8	F780	1204A	5M1204A	61.020	1.994	56.992	21.0	F810
	5M1518P	60.019	2.498	54.990	18.8	F780	1147HX	5M1144HX	61.020	1.977	57.000	23.0	F780
1397A	7M1397A	60.019	2.500		19.8	F810	8399A	5M8399A	61.020	1.990	57.000	22.0	F810
1398A	5M1397A	60.019	2.500		18.8	F810	1147H	5M1144H	61.020	1.990	57.000	23.0	F780
	7M1397A	60.019	2.500		18.8	F810	1186H	5M1219H	61.021	1.990	57.000	20.6	F780
1157A	5M1157A	60.020	2.009	55.955	20.1	F810	1186A	5M1213A	61.021	1.990	57.000	20.6	F810
1913H	5M1913H	60.020	2.504	55.000	20.0	F780	1186HX	5M1219HX	61.021	1.990	57.000	20.6	F780
1913HX	5M1913HX	60.020	2.491	55.000	20.0	F780		5M1186HX	61.021	1.990	57.000	20.6	F780
1158A	5M1157A	60.020	2.009	55.955	23.1	F810	1186A	5M1219A	61.021	1.990	57.000	20.6	F810
1913	5M1913P	60.020	2.504	55.000	20.0	F780		5M1228A	61.021	1.990	57.000	20.6	F810
1815A	5M1815A	60.636	1.805	57.000	18.5	F810	1186H	5M1186H	61.021	1.990	57.000	20.6	F780
	3M1815A	60.636	1.805	57.000	18.5	F810	1186A	5M1186A	61.021	1.990	57.000	20.6	F810
1649A	3M1649A	60.636	1.808	57.000	21.6	F810	8372A	5M8372A	61.024	1.990	57.000	22.0	F810
1657A	4M1657P	60.640	1.806	57.000	21.6	F810	8373A	5M8373A	61.024	1.990	57.000	20.0	F810
2167HX	5M2167HX	60.640	1.790	57.000	23.8	F780	1940	4M1939P	61.112	1.829	57.391	30.1	F780
2167H	5M2167H	60.640	1.803	57.000	23.8	F780	1694A	3M1692A	61.620	1.791	58.000	40.0	F810
1663A	4M2006A	60.640	1.806	57.000	21.6	F810	1693A	3M1692A	61.620	1.791	58.000	34.0	F810
1657A	4M860A	60.640	1.806	57.000	21.6	F810	1692A	3M1692A	61.620	1.791	58.000	30.0	F810
2167	5M2167P	60.640	1.799	57.000	23.8	F780	7850A	5M7850A	61.681	1.810	58.000	21.0	F810
1657A	4M2006A	60.640	1.806	57.000	21.6	F810	1941	4M1939P	61.900	1.829	58.179	30.2	F780
5221A	5M5466A	60.640	1.810	57.000	23.6	F810	2327A	5M2327A	62.013	1.995	57.995	19.5	F810
	5M1084A	60.640	1.810	57.000	23.6	F810	2413	5M2413P	62.013	1.995	57.995	19.5	F780
2167A	5M2167A	60.640	1.799	57.000	23.8	F810	2293AL	5M2293A	62.013	1.995	57.995	19.5	F820
4375A	5M4375A	60.640	1.810	56.990	23.6	F810	2327A	5M2329A	62.013	1.995	57.995	19.5	F810
9953A	5M9953A	60.719	1.835	57.010	22.6	F810	2294AL	5M2293A	62.013	1.995	57.995	25.9	F820
2384HX	7M2384HX	60.747	2.410	55.849	20.5	F780	2327A	5M2325A	62.013	1.995	57.995	19.5	F810
2384	7M2384P	60.747	2.426	55.849	20.5	F780	1342A	7M1342A	62.014	1.986	58.001	22.4	F810
2384H	7M2384H	60.747	2.423	55.849	20.5	F780		5M1342A	62.014	1.986	58.001	22.4	F810
1031A	3M1031A	60.846	1.836	57.112	31.9	F810	8307A	4M8307A	62.018	2.003	58.000	19.1	F810
1753A	5M1743A	60.907	2.428	56.030	24.1	F810		5M8307A	62.018	2.003	58.000	19.1	F810
1753HX	5M1743HX	60.907	2.410	56.030	24.1	F780	2015H	5M2015H	62.019	1.990	58.000	21.5	F780
1753H	5M1743H	60.907	2.423	56.030	24.1	F780	2018	5M2018P	62.019	1.988	58.000	21.5	F780
1753	5M1743P	60.907	2.428	56.030	24.1	F780	2015	5M2015P	62.019	1.990	58.000	21.5	F780
2126A	4M2126A	61.006	1.928	57.119	25.9	F810	1718A	5M1718A	62.020	1.992	58.000	20.8	F810
7178A	5M2009A	61.006	1.989	57.005	18.3	F810	1689A	5M1689A	62.024	1.991	58.000	20.8	F810
2126A	5M1629A	61.006	1.928	57.119	25.9	F810	8282A	5M8282A	62.024	1.990	58.000	20.8	F810
	7M2126A	61.006	1.928	57.119	25.9	F810	1715A	5M1715A	62.024	1.991	58.000	20.8	F810
	7M1389A	61.006	1.928	57.119	25.9	F810	2132	5M590P	62.027	2.438	57.125	22.5	F780
5224A	5M1629A	61.011	1.928	57.125	25.9	F810	2132A	5M590A	62.027	2.438	57.125	22.5	F810
	7M1389A	61.011	1.928	57.125	25.9	F810	2132H	5M590H	62.027	2.431	57.125	22.5	F780
5223A	5M1629A	61.011	1.928	57.125	25.9	F810	2132HX	5M590HX	62.027	2.418	57.125	22.5	F780
7897A	5M7894A	61.019	1.888	57.189	29.5	F810	2155A	5M2155A	62.300	2.138	58.000	22.5	F810
	5M7899A	61.019	1.888	57.189	29.5	F810	2155	5M2155P	62.300	2.138	58.000	22.5	F780
	5M7915A	61.019	1.888	57.189	29.5	F810	7193A	5M7193A	62.300	2.131	58.000	19.2	F810





# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
5236A	5M1706A	62.300	2.128	58.000	22.5	F810	2714	5M2698P	63.500	2.080	67.716	35.0	F780
5227A	5M1557A	62.300	2.138	58.001	22.5	F810	2714A	5M2698A	63.500	2.080	67.716	35.0	F810
5235A	5M1706A	62.300	2.128	58.000	21.5	F810	1177A	5M1176A	63.658	1.838	59.955	24.1	F810
2154A	5M2154A	62.300	2.138	58.000	22.5	F810	1179A	5M1176A	63.658	1.835	59.955	26.1	F810
7896A	5M7899A	62.403	1.888	58.573	21.5	F810	1176A	5M1176A	63.658	1.835	59.955	26.1	F810
	5M7915A	62.403	1.888	58.573	21.5	F810	1247A	5M1247A	63.668	1.835	59.955	22.1	F810
	5M7894A	62.403	1.888	58.573	21.5	F810	1248A	5M1247A	63.668	1.835	59.955	22.1	F810
2408	1M2407P	62.420	1.839	58.712	21.7	F780	1065A	3M1065A	63.673	1.841	59.957	23.4	F810
2407A	3M2407A	62.420	1.839	58.712	21.7	F810	1113H	5M1112H	63.675	1.829	59.972	18.4	F780
	4M2407A	62.420	1.839	58.712	21.7	F810	1113	5M1112P	63.675	1.829	59.972	18.4	F780
8702	7M8702P	62.519	2.265	57.965	17.5	F780	1112	5M1112P	63.675	1.829	59.972	25.5	F780
8702A	6M8702P	62.519	2.265	57.965	17.5	F810	1112H	5M1112H	63.675	1.829	59.972	25.5	F780
2873A	7M2873A	62.519	2.261	57.965	17.5	F810	2874	4M2874P	63.676	1.841	59.971	22.4	F780
8702A	6M8702D	62.519	2.265	57.965	17.5	F810	2885A	6M2885A	63.718	1.844	60.000	20.8	F810
2524A	5M2524A	62.519	2.261	57.965	21.4	F810		5M2885A	63.718	1.844	60.000	20.8	F810
2873A	6M2873A	62.519	2.261	57.965	17.5	F810	2884A	5M2884A	63.718	1.844	60.000	20.8	F810
	5M2873A	62.519	2.261	57.965	17.5	F810		1M2884A	63.718	1.844	60.000	20.8	F810
8702A	5M8702P	62.519	2.265	57.965	17.5	F810	7704A	5M7704A	63.727	1.845	60.000	20.3	F810
8702D	6M8702D	62.519	2.265	57.965	17.5	F781	7703A	5M7703A	63.727	1.845	60.000	20.3	F810
	7M8702D	62.519	2.265	57.965	17.5	F781	7744A	5M7744A	63.727	1.845	60.000	20.3	F810
	1M8702D	62.519	2.265	57.965	17.5	F781	7704A	5M7703A	63.727	1.845	60.000	20.3	F810
8702A	7M8702P	62.519	2.265	57.965	17.5	F810	7738A	5M7738A	63.727	1.844	60.000	21.0	F810
	1M8702D	62.519	2.265	57.965	17.5	F810	7743A	5M7743A	63.727	1.845	60.000	20.3	F810
8702	6M8702P	62.519	2.265	57.965	17.5	F780	7742A	5M7742A	63.727	1.845	60.000	20.3	F810
8702D	5M8702D	62.519	2.265	57.965	17.5	F781	7703A	5M7704A	63.727	1.845	60.000	20.3	F810
8702A	1M8702P	62.519	2.265	57.965	17.5	F810	7753A	5M7752A	63.750	1.837	60.021	24.0	F810
	7M8702D	62.519	2.265	57.965	17.5	F810	1677A	5M1677A	63.750	1.845	60.000	19.5	F810
8702	5M8702P	62.519	2.265	57.965	17.5	F780	2747A	5M2747A	63.972	1.835	59.975	19.0	F810
	1M8702P	62.519	2.265	57.965	17.5	F780	1194A	5M1193A	64.000	2.017	59.932	23.1	F810
8702A	5M8702D	62.519	2.265	57.965	17.5	F810	1188A	5M1188A	64.000	2.017	59.932	27.7	F810
1942	4M1939P	62.713	1.829	58.992	56.5	F780	1195A	5M1193A	64.000	2.013	59.932	38.1	F810
9958AL	3M9958A	62.992	1.836	59.286	44.6	F820	1194A	5M1188A	64.000	2.017	59.932	23.1	F810
1604A	6M1605A	63.019	2.502	57.978	18.5	F810	1892	5M1892A	64.000	2.004	59.930	23.0	F780
5549A	4M5549A	63.019	2.507	57.978	18.5	F810	1193A	5M1193A	64.000	2.013	59.932	31.1	F810
1604A	7M1604A	63.019	2.502	57.978	18.5	F810	1189A	5M1188A	64.000	2.017	59.932	28.9	F810
	6M1604A	63.019	2.502	57.978	18.5	F810	8562A	5M8562A	64.000	2.008	59.935	16.5	F810
1604	7M1605P	63.019	2.502	57.978	18.5	F780	4358A	5M1533A	64.008	1.976	60.013	21.5	F810
	7M1604P	63.019	2.502	57.978	18.5	F780	5558	6M5558P	64.010	3.003	57.978	18.5	F780
	6M1605P	63.019	2.502	57.978	18.5	F780	1707	5M1707P	64.013	2.005	59.962	21.0	F780
	6M1604P	63.019	2.502	57.978	18.5	F780	7312A	5M7313A	64.013	1.984	60.007	21.7	F810
1604A	7M1605A	63.019	2.502	57.978	18.5	F810	2633A	4M2633A+4T	64.017	2.140	59.975	20.1	F810
9957AL	3M9958A	63.246	1.963	59.286	46.2	F820	2633HX	4M2633HX	64.017	1.996	59.975	20.1	F780
7892A	5M7915A	63.246	1.888	59.416	29.5	F810	2633H	4M2633H	64.017	2.009	59.975	20.1	F780
	5M7899A	63.246	1.888	59.416	29.5	F810	2633A	4M2633A	64.017	2.140	59.975	20.1	F810
	5M7894A	63.246	1.888	59.416	29.5	F810	2633	4M2633P	64.017	2.140	59.975	20.1	F780
7132A	5M429A	63.287	2.426	58.402	20.5	F810	8138A	5M8138A	64.018	2.010	59.949	20.1	F810
2217AL	5M2217A	63.287	2.426	58.412	20.5	F820	8134A	5M8133A	64.019	2.014	59.955	19.1	F810
7132A	7M617A	63.287	2.426	58.402	20.5	F810	8732	7M8732P	64.019	2.006	59.970	22.0	F780
	5M1733A	63.287	2.426	58.402	20.5	F810	8134A	5M8142A	64.019	2.014	59.955	19.1	F810
	5M7157A	63.287	2.426	58.402	20.5	F810		5M8137A	64.019	2.014	59.955	19.1	F810
7245A	5M1050A	63.287	2.426	58.402	22.9	F810	8133A	5M8142A	64.019	2.014	59.955	19.1	F810
7132A	7M2392	63.287	2.426	58.402	20.5	F810	2134A	5M2134A	64.019	2.007	59.955	19.1	F810
7288A	5M7288A	63.287	2.426	58.402	20.5	F810	2135A	5M2134A	64.019	2.007	59.955	21.1	F810
7157A	5M7157A	63.287	2.426	58.402	20.5	F810	8133A	5M8133A	64.019	2.014	59.955	19.1	F810
7243A	5M1050A	63.287	2.426	58.402	20.5	F810	8134A	5M8134A	64.019	2.014	59.955	19.1	F810
2372H	5M429H	63.287	2.423	58.402	20.5	F780	1149A	4M1149A	64.020	1.991	60.000	18.1	F810
2372HX	5M429HX	63.287	2.410	58.402	20.5	F780	1149HX	4M1149HX	64.020	1.975	60.000	18.1	F780
9956AL	3M9958A	63.500	2.086	59.286	48.8	F820	8297	5M8297P	64.020	2.005	60.000	19.0	F780





## Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1149H	4M1149H	64.020	1.988	60.000	18.1	F780	1507	7M1507P	65.019	2.490	59.990	24.0	F780
8297A	5M8309A	64.020	2.005	60.000	19.0	F810	1538A	5M1538A	65.019	2.490	59.990	20.0	F810
8297H	5M8297H	64.020	2.005	60.000	19.0	F780		7M1539A	65.019	2.490	59.990	20.0	F810
	5M8309H	64.020	2.005	60.000	19.0	F780	1588	7M1588P	65.019	2.502	59.990	20.0	F780
8297A	5M8297A	64.020	2.005	60.000	19.0	F810	2987A	3M2987A	65.040	2.489	60.000	28.0	F810
8297	5M8309P	64.020	2.005	60.000	19.0	F780	2989A	3M2987A	65.040	2.489	60.000	40.0	F810
8297HX	5M8297HX	64.020	1.992	60.000	19.0	F780	2988A	3M2987A	65.040	2.489	60.000	36.0	F810
8298A	5M8297A	64.020	2.005	60.000	15.1	F780	7232A	7M7232A	65.200	3.510		16.0	F810
1139A	5M1139A	64.020	1.990	60.000	25.1	F810	2185HX	5M1117HX	65.811	2.412	60.935	24.1	F780
8298H	5M8297H	64.020	2.005	60.000	15.1	F780	2158HX	7M2158HX	65.811	2.410	60.935	25.9	F780
1139A	5M1143A	64.020	1.990	60.000	25.1	F810	2158H	7M2158H	65.811	2.423	60.935	25.9	F780
8298H	5M8309H	64.020	2.005	60.000	15.1	F780	2158	7M2158P	65.811	2.426	60.935	25.9	F780
1134A	5M1143A	64.020	1.990	60.000	25.1	F810	2185	5M1117P	65.811	2.428	60.935	24.1	F780
8298	5M8297P	64.020	2.005	60.000	15.1	F780		7M979P	65.811	2.428	60.935	24.1	F780
8298HX	5M8297HX	64.020	1.992	60.000	15.1	F780	2185A	5M1117A	65.811	2.428	60.935	24.1	F810
8298A	5M8309A	64.020	2.005	60.000	15.1	F780	2185H	5M1117H	65.811	2.425	60.935	24.1	F780
1134A	5M1139A	64.020	1.990	60.000	25.1	F810	2188	7M2188P	65.811	2.426	60.935	24.6	F780
8298	5M8309P	64.020	2.005	60.000	15.1	F780	2194H	5M1117H	65.811	2.425	60.935	24.1	F780
8297HX	5M8309HX	64.020	1.992	60.000	19.0	F780	2194HX	5M1117HX	65.811	2.412	60.935	24.1	F780
8298HX	5M8309HX	64.020	1.992	60.000	15.1	F780	2185A	7M979A	65.811	2.428	60.935	24.1	F810
1433AL	5M1433A	64.021	1.807	60.371	20.9	F820	9952A	6M9952A	65.816	1.880	62.010	17.8	F810
6163	5M6162	64.021	1.835	60.312	19.3	F23	2357HX	5M2357HX	65.827	2.410	60.930	22.7	F780
6162	5M6162	64.021	1.835	60.312	35.1	F23	2357H	5M2357H	65.827	2.423	60.930	22.7	F780
8423A	5M8423A	64.022	1.995	60.000	21.0	F810	2357	5M2357	65.827	2.426	60.930	22.7	F780
1697A	5M1699A	64.024	2.000	60.000	22.0	F810		5M2354	65.827	2.426	60.930	22.7	F780
	5M1697A	64.024	2.000	60.000	22.0	F810	8379A	4M8379A	66.020	2.486	61.000	19.0	F810
	5M1705A	64.024	2.000	60.000	22.0	F810	1215A	4M1215A	66.020	2.003	62.000	17.0	F810
1705A	5M1705A	64.024	2.000	60.000	22.0	F810	8383A	4M8379A	66.020	2.486	61.000	22.3	F810
1703A	5M1703A	64.024	2.000	60.000	24.0	F810	8352A	4M8352A	66.020	2.012	61.955	18.1	F810
1697A	5M1703A	64.024	2.000	60.000	22.0	F810	1727A	5M1727A	66.020	1.986	62.000	27.6	F810
8378A	5M8378A	64.024	1.990	60.000	25.2	F810	8469A	4M8468A	66.020	2.497	61.000	18.0	F810
1699A	5M1699A	64.024	2.000	60.000	27.9	F810	8468A	4M8468A	66.020	2.497	61.000	21.0	F810
8377A	5M8378A	64.024	1.990	60.000	23.2	F810	1727A	5M1728A	66.020	1.986	62.000	27.6	F810
2985A	3M2984A	64.030	1.990	60.000	35.5	F810	1728A	5M1728A	66.020	1.986	62.000	27.6	F810
2977A	3M2977A	64.030	1.986	60.000	27.8	F810	8469HX	4M8468HX	66.020	2.484	61.000	18.0	F780
2979A	3M2977A	64.030	1.986	60.000	35.8	F810	8469H	4M8468H	66.020	2.497	61.000	18.0	F780
2984A	3M2984A	64.030	1.990	60.000	27.8	F810	8468HX	4M8468HX	66.020	2.484	61.000	21.0	F780
1166A	7M1165A	64.046	2.000	60.010	25.0	F810	8468H	4M8468H	66.020	2.497	61.000	21.0	F780
1164A	7M1164A	64.046	1.996	60.000	22.0	F810	8103	7M8103P	66.035	2.009	62.001	20.0	F780
1165A	7M1165A	64.046	2.000	60.010	22.0	F810	8104H	7M8103H	66.035	2.004	62.001	23.0	F780
7320A	5M2232A	64.081	4.036	56.007	19.8	F810	8103A	7M8103A	66.035	2.009	62.001	20.0	F810
8517A	5M2056A	64.798	2.376	60.023	20.0	F810	8103H	7M8103H	66.035	2.004	62.001	20.0	F780
5532A	6M5532A	65.010	2.501	59.978	17.0	F810	8103HX	7M8103HX	66.035	1.991	62.001	20.0	F780
5532HX	7M5532HX	65.010	2.488	59.978	17.0	F780	8104	7M8103P	66.035	2.009	62.001	23.0	F780
5532H	7M5532H	65.010	2.501	59.978	17.0	F780	8104A	7M8103A	66.035	2.009	62.001	23.0	F810
5532A	7M5532A	65.010	2.501	59.978	17.0	F810	8104HX	7M8103HX	66.035	1.991	62.001	23.0	F780
5556A	3M5556A	65.016	2.495	59.990	24.0	F810	1724A	5M1724A	66.645	1.835	62.955	19.0	F810
1538	7M1539P	65.019	2.490	59.990	20.0	F780	2778A	4M2780A	66.658	1.830	62.975	19.0	F810
1538HX	5M1538HX	65.019	2.475	59.990	20.0	F780	2757A	5M2757A	66.658	1.834	62.955	28.0	F810
1538H	5M1538H	65.019	2.488	59.990	20.0	F780	2778	4M2777P	66.658	1.830	62.975	19.0	F780
1538A	7M1532A	65.019	2.490	59.990	20.0	F810	2778A	4M2777A	66.658	1.830	62.975	19.0	F810
1538HX	7M1532HX	65.019	2.475	59.990	20.0	F780	2777A	4M2780A	66.658	1.821	62.975	22.5	F810
1538A	5M1532A	65.019	2.490	59.990	20.0	F810		4M2777A	66.658	1.821	62.975	22.5	F810
1538H	7M1532H	65.019	2.488	59.990	20.0	F780	2777	4M2777P	66.658	1.830	62.975	22.5	F780
1538	7M1532P	65.019	2.490	59.990	20.0	F780	2758A	5M2759A	66.658	1.834	62.955	22.0	F810
	5M1538P	65.019	2.490	59.990	20.0	F780		5M2749A	66.658	1.834	62.955	22.0	F810
	5M1532P	65.019	2.490	59.990	20.0	F780	2757A	5M2749A	66.658	1.834	62.955	28.0	F810
1507A	7M1507A	65.019	2.490	59.990	24.0	F810	2758A	5M2757A	66.658	1.834	62.955	22.0	F810





# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1298A	5M1298A	66.665	1.830		20.0	F810	1948A	4M7278A	68.013	1.983	64.013	17.7	F810
1299A	5M1298A	66.665	1.830		22.0	F810	7225A	4M2010A	68.014	1.983	64.013	24.5	F810
2739	4M2737P	66.672	1.830	62.974	22.5	F780	1183A	4M1183A	68.018	1.995	64.000	17.1	F810
2739A	4M2737A	66.672	1.830	62.974	22.5	F810	1142A	3M1142A	68.020	1.991	64.000	25.0	F810
2739H	4M2737H	66.672	1.830	62.974	22.5	F780	1934A	4M1934A	68.020	2.000	64.000	20.0	F810
2739HX	4M2737HX	66.672	1.817	62.974	22.5	F780	7263A	4M7262A	68.021	2.502	62.992	22.3	F810
2737A	4M2737A	66.672	1.830	62.974	19.0	F810	7262A	4M7262A	68.021	2.502	62.992	17.9	F810
2737	4M2737P	66.672	1.830	62.974	19.0	F780	8070A	4M8070A	68.028	1.993	64.000	20.0	F810
2737HX	4M2737HX	66.672	1.817	62.974	19.0	F780	8064A	4M8070A	68.028	1.993	64.000	22.0	F810
2737H	4M2737H	66.672	1.830	62.974	19.0	F780		4M8063A	68.028	1.993	64.000	22.0	F810
2627A	5M2627A	66.681	1.831	62.975	20.0	F810	8063A	4M8063A	68.028	1.993	64.000	20.0	F810
1094A	5M1091A	66.687	1.820	63.020	28.0	F810	1642AL+0	4M1642A+015	68.102	2.268	63.536	21.0	F820
	5M1093A	66.687	1.820	63.020	28.0	F810	7125A	5M1567A	68.273	2.423	63.383	21.0	F810
7803A	5M7803A	66.687	1.884	62.892	23.5	F810		5M1524A	68.273	2.423	63.383	21.0	F810
7804A	5M7804A	66.687	1.879	62.880	23.5	F810	7123A	5M7164A	68.273	2.423	63.383	18.7	F810
3284	3M3284	66.688	1.835	62.979	38.2	F23		5M7124A	68.273	2.423	63.383	18.7	F810
8148A	4M8147A	67.016	2.505	61.956	22.1	F810		5M1567A	68.273	2.423	63.383	18.7	F810
8147A	4M8147A	67.016	2.505	61.956	18.1	F810		5M1524A	68.273	2.423	63.383	18.7	F810
1627A	5M1627A	67.018	2.007	62.954	18.0	F810	9015A	4M960A	68.275	2.365	63.500	22.1	F810
1628A	5M1627A	67.018	2.007	62.954	24.0	F810	9019A	4M960A	68.275	2.365	63.500	22.1	F810
2727AL	5M2727A	67.018	1.996	63.000	20.8	F820	7285A	5M7285A	68.275	2.375	63.500	22.1	F810
2880	7M2880P	67.019	3.505	59.965	22.5	F780	7164A	5M7164A	68.275	2.423	63.383	20.8	F810
1168A	5M1167A	67.019	2.010	62.955	23.1	F810	7120A	4M1494A	68.275	2.426	63.363	31.7	F810
2887A	7M2880A	67.019	3.505	59.965	22.5	F810	7118A	4M1494A	68.275	2.426	63.363	18.9	F810
1042	4M2878P	67.019	3.502	59.965	24.1	F780	7117A	4M1494A	68.275	2.426	63.363	24.6	F810
	7M2878P	67.019	3.502	59.965	24.1	F780	7287A	5M7285A	68.275	2.375	63.500	22.1	F810
2887A	4M2887A	67.019	3.505	59.965	22.5	F810	2302A	4M2302A	68.275	2.374	63.495	22.1	F810
2887	7M2880P	67.019	3.505	59.965	22.5	F780	2299A	4M2022A	68.275	2.374	63.495	22.1	F810
2880A	7M2880A	67.019	3.505	59.965	22.5	F810		4M2299A	68.275	2.374	63.495	22.1	F810
2528	7M2527P	67.019	3.505	59.965	22.5	F780	2305H	4SM2222H	68.275	2.372	63.495	22.1	F780
2879	7M2878P	67.019	3.502	59.965	21.0	F780	2309HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
2527A	7M2527A	67.019	3.505	59.965	22.5	F810	9016A	4M960A	68.275	2.365	63.500	22.1	F810
2527	7M2527P	67.019	3.505	59.965	22.5	F780	2299HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
1167A	5M1167A	67.019	2.010	62.955	20.1	F810	2302	4M2333P	68.275	2.374	63.495	22.1	F780
2528A	7M2527A	67.019	3.505	59.965	22.5	F810	2309H	4SM2222H	68.275	2.372	63.495	22.1	F780
1757A	3M1757A	67.020	2.008	62.955	24.6	F810	2302	4M2334	68.275	2.374	63.495	22.1	F780
1759A	3M1757A	67.020	2.008	62.955	30.1	F810		4M2335P	68.275	2.374	63.495	22.1	F780
1093A	5M1093A	67.050	2.000	63.010	32.3	F810	2299	4M2335P	68.275	2.374	63.495	22.1	F780
1091A	5M1091A	67.050	2.000	63.010	28.3	F810	2302A	4M2299A	68.275	2.374	63.495	22.1	F810
2377A	4M1454A	67.094	2.426	62.212	20.5	F810	2299H	4SM2222H	68.275	2.372	63.495	22.1	F780
	5M909A	67.094	2.426	62.212	20.5	F810	2302A	4M2309A	68.275	2.374	63.495	22.1	F810
2377	5M909P	67.094	2.426	62.212	20.5	F780	2302H	4SM2222H	68.275	2.372	63.495	22.1	F780
2377HX	5M909HX	67.097	2.410	62.212	20.5	F780	2309A	4M2309A	68.275	2.374	63.495	22.1	F810
2377H	5M909H	67.097	2.423	62.212	20.5	F780	2302HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
2742A	7M2742A	67.488	1.989	63.454	28.2	F810	2309A	4M2299A	68.275	2.374	63.495	22.1	F810
	5M2742A	67.488	1.989	63.454	28.2	F810	2305	4M2333P	68.275	2.374	63.495	22.1	F780
2742	5M2742P	67.488	1.989	63.454	28.2	F780	2305A	4M2302A	68.275	2.374	63.495	22.1	F810
	7M2742P	67.488	1.989	63.454	28.2	F780	2309A	4M2022A	68.275	2.374	63.495	22.1	F810
2699	5M2698P	67.716	2.080	63.500	24.4	F780	2309	4M2335P	68.275	2.374	63.495	22.1	F780
1348	5M1347P	67.716	2.083	63.512	23.4	F780		4M2334	68.275	2.374	63.495	22.1	F780
1347	5M1347P	67.716	2.083	63.512	23.4	F780	2305HX	4SM2222HX	68.275	2.359	63.495	22.1	F780
2692	3M2692P	67.716	2.098	63.500	25.6	F780	2302A	4M2022A	68.275	2.374	63.495	22.1	F810
2693	3M2692P	67.716	2.098	63.500	39.9	F780	8502A	5M805A	68.275	2.377	63.487	24.8	F810
2699A	5M2698A	67.716	2.080	63.500	24.4	F810	8504A	5M805A	68.275	2.377	63.487	41.4	F810
2695	5M2694P	67.716	2.098	63.500	35.1	F780	8505A	5M805A	68.275	2.377	63.487	24.8	F810
2694	5M2694P	67.716	2.098	63.500	24.6	F780		5M805A	68.275	2.377	63.487	24.8	F817
9966A	5M9966A	67.716	2.080	63.500	20.5	F810	2359	4M2362P	68.275	2.374	63.495	22.1	F780
1642AL	4M1642A	67.721	2.078	63.536	21.0	F820	2362	4M2362P	68.275	2.374	63.495	22.1	F780





# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2363	4M2362P	68.275	2.374	63.495	22.1	F780	2227	5M2227	69.068	2.131	64.770	20.5	F780
2307	5M2307P	68.367	2.426	63.470	20.5	F780	2277A	5M2276A	69.520	2.250		24.2	F810
2398	7M2398P	68.367	2.426	63.470	20.5	F780	2278A	5M2276A	69.520	2.250		23.3	F810
	5M2307P	68.367	2.426	63.470	20.5	F780	7298HX	5M7297HX	69.887	2.417	65.007	20.5	F780
2398H	7M2398H	68.367	2.423	63.470	20.5	F780	7298A	5M7297A	69.887	2.430	65.007	20.5	F810
2398HX	7M2398HX	68.367	2.410	63.470	20.5	F780		5M7298A	69.887	2.430	65.007	20.5	F810
8874A	5M1948A	68.377	2.421	63.487	25.0	F810	7298H	5M7297H	69.887	2.430	65.007	20.5	F780
7264A	5M7264A	68.377	2.438	63.470	23.2	F810	7298HX	5M7298HX	69.887	2.417	65.007	20.5	F780
8874A	7M8874A	68.377	2.421	63.487	25.0	F810	7298H	5M7298H	69.887	2.430	65.007	20.5	F780
8872A	7M8874A	68.377	2.421	63.487	25.0	F810	7216A	5M2220A	69.906	2.439	65.004	21.6	F810
	5M1568A	68.377	2.421	63.487	25.0	F810	7216HX	5M2220HX	69.906	2.421	65.004	21.1	F780
	5M1948A	68.377	2.421	63.487	25.0	F810	7216H	5M2220H	69.906	2.434	65.004	21.1	F780
	7M704A	68.377	2.421	63.487	25.0	F810	2505H	4M2505H	70.017		64.975	20.0	F780
4354A	5M1344A	68.402	2.436	63.513	33.7	F810		1M2505H	70.017		64.975	20.0	F780
4644AL	7M4644A	68.402	2.428	63.513	21.0	F820	5547	4M5547P	70.019	2.758	64.478	18.5	F780
4354A	4M1701A	68.402	2.436	63.513	33.7	F810	5548	4M5548P	70.019	2.508	64.978	18.5	F780
4352A	5M540A	68.402	2.436	63.513	22.3	F810	5569A	7M5569A	70.020	2.507	64.978	18.0	F810
	5M1344A	68.402	2.436	63.513	22.3	F810	8545A	4M8545A	70.020	2.496	65.000	19.1	F810
	4M1701A	68.402	2.436	63.513	22.3	F810	1137A	5M1252A	70.021	1.990	66.000	25.1	F810
4354A	5M540A	68.402	2.436	63.513	33.7	F810		5M1137A	70.021	1.990	66.000	25.1	F810
7214A	4M7214A	68.405	2.443	63.505	20.6	F810		5M1239A	70.021	1.990	66.000	25.1	F810
	4M7214A+2T	68.405	2.443	63.505	20.6	F810		5M1227A	70.021	1.990	66.000	25.1	F810
	5M7214A	68.405	2.443	63.505	20.6	F810	1252A	5M1252A	70.021	1.990	66.000	25.1	F810
	5M7214A+2T	68.405	2.443	63.505	20.6	F810	2882	7M2882P	70.371	1.844	66.675	28.7	F780
8713	5M8713P	68.499	2.254	63.965	17.0	F780	8397HX	7M8397HX	71.000	1.979	67.005	22.1	F780
8725A	5M8725A	68.519	2.263	63.965	19.0	F810	8397H	7M8397H	71.000	1.979	67.005	22.1	F780
8708	5M8708P	68.519	2.254	63.965	21.0	F780	8397A	7M8397A	71.018	1.980	67.005	22.1	F810
8725A	4M8725A	68.519	2.263	63.965	19.0	F810		6M8397A	71.018	1.980	67.005	22.1	F810
7756A	5M7756A	68.707	2.327	63.998	21.5	F810	8242A	5M8242A	71.020	2.005	66.955	22.6	F810
7765A	5M7765A	68.707	2.327	63.998	21.5	F810	2092	7M2092P	71.541	2.001	67.505	20.9	F780
5234A	4M1702A	68.903	2.435	64.003	27.0	F810	2092H	7M2092H	71.541	1.999	67.505	20.9	F780
5232A	4M1702A	68.903	2.435	64.003	18.7	F810	2092HX	7M2092HX	71.541	1.986	67.505	20.9	F780
5229A	4M1782A	68.910	2.548	63.764	21.8	F810	2092HXU	7M2092HX	71.541	1.986	67.505	20.9	F780
7294A	4M7295A	68.910	2.451	64.003	21.8	F810	2467A	5M876A	71.577	2.436	66.688	24.1	F810
7294WA	4M1782A	68.910	2.451	64.003	23.6	F810	3064A	5M3064A	71.705	2.317	67.050	28.7	F810
	4M7295A	68.910	2.451	64.003	23.6	F810	3065A	5M3065A	71.705	2.300	67.050	28.7	F810
7294A	4M1782A	68.910	2.451	64.003	21.8	F810	5288A	5M5287A	72.013	1.995	67.996	25.9	F810
2597	5M2597P	68.968	2.496	63.964	20.0	F780	5287A	5M5287A	72.013	1.995	67.996	19.5	F810
2599	5M2597P	68.968	2.496	63.964	21.3	F780	8092A	5M8092A	72.014	2.496	67.000	22.5	F810
2598	5M2597P	68.968	2.496	63.964	22.3	F780	8089HX	5M8088HX	72.014	2.478	67.000	19.5	F780
2995HX	5M2995HX	68.968	2.482	63.962	20.1	F780	8089H	5M8088H	72.014	2.491	67.000	19.5	F780
2995	5M2995P	68.968	2.495	63.962	20.1	F780	8089	5M8088P	72.014	2.496	67.000	19.5	F780
2995A	5M2995A	68.968	2.495	63.962	20.1	F810	8088HX	5M8088HX	72.014	2.478	67.000	22.5	F780
2995H	5M2995H	68.968	2.495	63.962	20.1	F780	5564A	4M5564A	72.014	1.994	67.996	20.0	F810
1843A	4M1842A	68.999	2.527	63.932	16.5	F810	5565A	4M5564A	72.014	1.994	67.996	17.0	F810
1842A	4M1842A	68.999	2.527	63.932	18.5	F810	8088H	5M8088H	72.014	2.491	67.000	22.5	F780
8488A	5M8488A	69.000	1.983		18.3	F810	8088	5M8088P	72.014	2.496	67.000	22.5	F780
1749A	5M1748A	69.000	1.983	65.000	28.6	F810	8093A	5M8092A	72.014	2.496	67.000	19.5	F810
1748A	5M1748A	69.000	1.983	65.000	28.6	F810	1428	5M1427P	72.017	1.999	67.970	24.0	F780
1933A	4M1933A	69.000	2.505	64.000	20.0	F810	1427	5M1427P	72.017	1.999	67.970	30.0	F780
7182A	4M7182A+2T	69.009	2.485	64.013	17.6	F810	1779	5M1778P	72.019	1.990	67.978	22.1	F780
	4M7182A	69.009	2.485	64.013	17.6	F810	1393A	5M1392A	72.019	2.002	67.970	24.0	F810
7172A	4M7172A	69.010	2.740	63.510	18.7	F810	1778	5M1778P	72.019	2.000	67.978	22.1	F780
	4M7172A+2T	69.010	2.740	63.510	18.7	F810	7972A	4M7972A	72.019	2.487	67.000	32.1	F810
7884A	7M7884A	69.014	1.994	65.000	19.6	F810	1382A	5M1382A	72.019	2.002	67.970	30.0	F810
	5M7884A	69.014	1.994	65.000	19.6	F810	1392A	5M1392A	72.019	2.002	67.970	24.0	F810
	6M7884A	69.014	1.994	65.000	19.6	F810	1384A	5M1382A	72.019	2.002	67.970	24.0	F810
8487A	5M8487A	69.020	1.983	65.000	16.3	F810		5M1382A	72.019	1.997	67.970	24.0	F810





# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
7982A	4M7982A	72.034	2.497	67.000	32.1	F810							
	4M7987A	72.034	2.497	67.000	32.1	F810							
7234A	4M7234A	72.169	2.438	67.257	19.8	F810	1893A	5M1893A	74.000	2.007	69.930	23.0	F810
7236A	4M7234A	72.169	2.438	67.257	24.9	F810	1324A	5M1322A	74.000	2.014	69.930	36.1	F810
7233A	4M7234A	72.169	2.438	67.257	24.9	F810	1323A	5M1322A	74.000	2.014	69.930	21.5	F810
7113H	5M1038H	72.174	2.421	67.292	20.4	F780	1322A	5M1322A	74.000	2.014	69.930	30.6	F810
7113HX	5M1038HX	72.174	2.408	67.292	20.4	F780	7316A	4M7316A	74.009	2.485		18.2	F810
7237A	4M2037A	72.174	2.426	67.264	24.8	F810	4387A	5M4386A	74.010	1.972	70.000	27.0	F810
7238A	4M2037A	72.174	2.426	67.264	18.8	F810	4386A	5M4386A	74.010	1.972	70.000	23.1	F810
7188A	4M7189A	72.174	2.437	67.264	18.8	F810	1197	5M1197P	74.019	1.994	69.955	28.2	F780
7187A	4M7189A	72.174	2.437	67.264	24.8	F810	5507A	5M5507A	74.020	1.983	70.000	23.1	F810
7113A	5M1038A	72.174	2.423	67.292	20.4	F810	5508A	5M5507A	74.020	1.983	70.000	27.1	F810
4382A	4M4382A+2T	72.420	2.450		22.9	F810	2164A	5M5507A	74.020	1.983	70.000	27.1	F810
7257A	5M7257A	72.420	2.430		24.8	F810	2163A	5M5507A	74.020	1.983	70.000	23.1	F810
5638WA	5M7141A	72.420	2.443	67.503	19.1	F810	1389A	7M1388A	74.021	1.989	70.000	29.6	F810
	5M2007A	72.420	2.443	67.503	19.1	F810	1362A	5M1362A	74.021	1.989	70.000	24.6	F810
4383A	4M4382A	72.420	2.450		22.5	F810	1388A	7M1388A	74.021	1.989	70.000	22.5	F810
5638A	5M2007A	72.420	2.443	67.503	18.3	F810	1365A	5M1362A	74.021	1.989	70.000	31.4	F810
4382A	4M4382A	72.420	2.450		22.9	F810	8258A	5M8258A	74.030	1.986	70.000	22.6	F810
4383A	4M4382A+2T	72.420	2.450		22.5	F810	8259A	5M8258A	74.030	1.986	70.000	29.6	F810
7258A	5M7257A	72.420	2.430		24.0	F810	7989H	7M7989H	74.040	2.489	69.000	23.4	F780
5638A	5M7141A	72.420	2.443	67.503	18.3	F810	7989HX	7M7989HX	74.040	2.476	69.000	23.4	F780
7293A	5M7296A	72.421	2.443	67.506	19.3	F810	7989A	7M7989A	74.040	2.492	69.000	23.4	F810
	6M7296A	72.421	2.443	67.506	19.3	F810	8601A	5M8601A	74.090	2.008		27.1	F810
7296A	5M7296A	72.421	2.443	67.506	18.4	F810	2996	7M2996	74.092	2.095	69.863	34.9	F780
	6M7296A	72.421	2.443	67.506	18.4	F810	1747	7M1747P	74.092	2.100	69.825	28.6	F780
7296WA	5M7296A	72.421	2.443	67.506	20.1	F810	2319AL	7M2316	74.092	2.083	69.850	31.1	F820
	6M7296A	72.421	2.443	67.506	20.1	F810	2316AL	7M2316	74.092	2.083	69.850	34.4	F820
5646HX	5M5645HX	72.423	2.430	67.506	18.4	F780	2317AL	7M2316	74.092	2.083	69.850	35.3	F820
5647WA	5M5647A	72.423	2.443	67.506	19.3	F810	2318AL	7M2316	74.092	2.083	69.850	27.1	F820
5647H	5M5647HX	72.423	2.443	67.506	18.4	F780	2992	7M2997	74.092	2.090	69.863	38.2	F780
	5M5647H	72.423	2.443	67.506	18.4	F780	1747	5M1747P	74.092	2.100	69.825	28.6	F780
5647A	5M5647A	72.423	2.443	67.506	18.4	F810	2998	7M2996	74.092	2.095	69.863	28.7	F780
5646HX	5M7296HX	72.423	2.430	67.506	18.4	F780	2997	7M2997	74.092	2.095	69.863	25.4	F780
5647WH	5M5647H	72.423	2.443	67.506	19.3	F780		7M2996	74.092	2.095	69.863	25.4	F780
5644H	5M7296H	72.423	2.443	67.506	19.3	F780	2517A	5M2519A	74.519	2.255	69.965	27.0	F810
5646H	5M5645H	72.423	2.443	67.506	18.4	F780	2517	5M2519P	74.519	2.256	69.965	27.0	F780
5645HX	5M7296HX	72.423	2.430	67.506	20.1	F780	2512	5M2514P	74.519	2.260	69.960	27.0	F780
	5M5645HX	72.423	2.430	67.506	20.1	F780	2517A	6M8737A	74.519	2.255	69.965	27.0	F810
5645H	5M7296H	72.423	2.443	67.506	20.1	F780	2514	5M2514P	74.519	2.260	69.960	33.9	F780
	5M5645H	72.423	2.443	67.506	20.1	F780	2517A	5M8737A	74.519	2.255	69.965	27.0	F810
5644HX	5M7296HX	72.423	2.430	67.506	19.3	F780	2276A	5M2276A	74.520	2.250		19.6	F810
5646H	5M7296H	72.423	2.443	67.506	18.4	F780	8737A	6M8737A	74.520	2.255	69.965	27.0	F810
5647WH	5M5647HX	72.423	2.443	67.506	19.3	F780		5M8737A	74.520	2.255	69.965	27.0	F810
7282A	5M7282A	72.440	4.041	64.360	20.7	F810	7218A	5M7218A	74.620	2.388	69.845	26.6	F810
2273HX	4M2273HX	72.882	2.409	68.008	19.8	F770	7102	5M829P	74.625	2.380	69.830	26.5	F780
2273H	4M2273H	72.882	2.422	68.008	19.8	F780	7102A	5M829A	74.625	2.380	69.830	26.5	F810
2273A	4M2273A	72.882	2.427	68.008	19.8	F810	7102H	5M829H	74.625	2.372	69.830	26.5	F780
2273HX	4M2273HX	72.882	2.409	68.008	19.8	F780	7102HX	5M829HX	74.625	2.359	69.830	26.5	F780
1304	7DM1304P	73.002	1.831	69.299	26.1	F780	2115A	5M863A	74.727	2.433	69.830	23.2	F810
	7M1305P	73.002	1.831	69.299	26.1	F780	1484A	5M1041A	74.727	2.433	69.822	23.6	F810
1302	7DM1304P	73.002	1.831	69.299	49.1	F780	1482A	5M1041A	74.727	2.433	69.822	23.6	F810
1303	7DM1304P	73.002	1.831	69.299	41.1	F780	2107HX	5M1010HX	74.740	2.430	69.830	22.4	F780
1302	7M1305P	73.002	1.831	69.299	49.1	F780	2107H	5M1010H	74.740	2.443	69.830	22.4	F780
1303	7M1305P	73.002	1.831	69.299	41.1	F780	2107A	5M1010A	74.740	2.443	69.830	22.4	F810
1903A	4M1903A	73.060	2.500	68.000	20.0	F810	2107	5M2109P	74.740	2.443	69.830	22.4	F780
7973A	4M7972A	73.520	2.487	68.500	30.1	F810		5M1010P	74.740	2.443	69.830	22.4	F780
7983A	4M7987A	73.536	2.497	68.500	30.1	F810	4362A	5M877A	74.752	2.436	69.863	24.0	F810
							4602A	4M517A	74.752	2.428	69.863	26.4	F810





# Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material	Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
2724A	4M1419A	74.752	2.435	69.863	22.4	F810	2105AL	5M2104A	80.442	2.078	76.218	36.2	F820
2725A	4M1419A	74.752	2.435	69.863	28.1	F810	2104AL	5M2104A	80.442	2.078	76.218	26.7	F820
2539A	4M2539A	74.993	2.506	69.975	20.1	F810		7M2104A	80.442	2.078	76.218	26.7	F820
8409A	5M8409A	75.000	2.485	70.000	23.8	F810	7948	5M7948P	80.607	2.172	76.200	25.0	F780
2678A	5M2678A	75.000	2.014	70.920	26.0	F810	7946	5M7946P	80.607	2.172	76.200	25.0	F780
1369A	5M1369A	75.000	2.015	70.920	26.0	F810	7137A	5M1457A	81.001	2.375	76.213	22.0	F810
1367A	4M1367A	75.000	2.015	70.920	31.9	F810	8509A	5M804A	81.001	2.377	76.208	41.3	F810
	3M1367A	75.000	2.015	70.920	31.9	F810	7138A	5M496A	81.001	2.382	76.200	23.8	F810
2965HX	7M2965HX	75.000	1.997	70.920	26.0	F780	7134A	5M1457A	81.001	2.375	76.213	22.0	F810
2965	7M2965P	75.000	2.013	70.920	26.0	F780	7138A	5M483A	81.001	2.382	76.200	23.8	F810
2965A	5M2965A	75.000	2.013	70.920	26.0	F810	8507A	5M804A	81.001	2.377	76.208	24.9	F810
2965H	5M2965H	75.000	2.010	70.920	26.0	F780	7136A	5M496A	81.001	2.382	76.200	40.4	F810
	7M2965H	75.000	2.010	70.920	26.0	F780		5M483A	81.001	2.382	76.200	40.4	F810
2965HX	5M2965HX	75.000	1.997	70.920	26.0	F780		5M1415A	81.001	2.382	76.200	40.4	F810
1852A	5M1852A	75.018	2.485	70.000	23.8	F810	8512A	5M804A	81.001	2.377	76.208	24.9	F810
1618	5M1618P	75.019	2.500		22.5	F780	7134A	5M1415A	81.001	2.375	76.213	22.0	F810
1459A	5M1459A	75.019	2.505	69.990	24.0	F810	4388A	5M4386A	81.010	1.972	77.000	22.0	F810
2953A	7M2953A	75.020	2.007	70.920	26.0	F810	1887A	5M1887A	81.011	2.513	75.925	27.7	F810
1787A	5M1787A	75.024	2.490	70.000	27.6	F810	1887	7M1887P	81.011	2.513	75.925	27.7	F780
8374A	5M8374A	75.024	2.490	70.000	26.9	F810		5M1887P	81.011	2.513	75.925	27.7	F780
1095A	5M1093A	75.030	2.500	70.000	32.3	F810	1885	7M1885P	81.011	2.525	75.925	27.8	F780
1092A	5M1091A	75.030	2.510	70.000	22.3	F810		5M1885P	81.011	2.525	75.925	27.8	F780
7987A	4M7987A	75.035	2.497	69.996	28.1	F810	1885A	5M1885A	81.011	2.525	75.925	27.8	F810
2709A	5M2715A	76.276	2.431	71.387	32.0	F810	1894A	5M1894A	81.019	2.525	75.925	27.9	F810
	5M1266A	76.276	2.431	71.387	32.0	F810	1895	5M1894P	81.019	2.525	75.925	27.9	F780
2705A	5M1266A	76.276	2.431	71.387	22.3	F810	1895A	5M1894A	81.019	2.525	75.925	27.9	F810
2707A	5M1051A	76.276	2.431	71.387	22.3	F810	1894	5M1894P	81.019	2.525	75.925	27.9	F780
2705A	5M2715A	76.276	2.431	71.387	22.3	F810	1849	5M1848P	81.020	2.525	75.920	27.8	F780
2709A	5M1051A	76.276	2.431	71.387	32.0	F810	1848A	5M1848A	81.020	2.525	75.920	27.8	F810
7975A	4M7972A	76.520	2.487	71.500	40.1	F810	1848	5M1848P	81.020	2.525	75.920	27.8	F780
7985A	4M7982A	76.535	2.497	71.500	40.1	F810	2165A	5M5507A	81.020	1.983	77.000	22.1	F810
7988A	4M7987A	76.535	2.497	71.496	40.1	F810	1849A	5M1848A	81.020	2.525	75.920	27.8	F810
8263A	4M8263A	77.016	2.497	72.000	22.4	F810	1357	7M1357P	81.050	2.990	74.990	34.0	F780
8264A	4M8263A	77.016	2.497	72.000	19.0	F810	1358	7M1357P	81.050	2.990	74.990	49.0	F780
1996A	4M1996A	77.060	2.505	72.000	18.1	F810	5207A	5M1432A	81.102	2.433	76.205	21.3	F810
8439	5M8439P	78.000	2.493	72.960	25.1	F780	5212HX	5M1039HX	81.102	2.423	76.205	24.1	F780
8419A	4B8419A	78.020	1.985	74.000	25.6	F810	5207HX	5M1432HX	81.102	2.417	76.205	21.3	F780
8495A	7M8495A	78.020	1.985	74.000	22.5	F810	5212	5M1039P	81.102	2.432	76.205	24.1	F780
8494A	7M8494A	78.020	1.985	74.000	25.6	F810	5212A	5M1039A	81.102	2.432	76.205	24.1	F810
8495A	5M8495A	78.020	1.985	74.000	22.5	F810	5212H	5M1039H	81.102	2.436	76.205	24.1	F780
8494A	5M8494A	78.020	1.985	74.000	25.6	F810	2177A	5M981A	81.102	2.433	76.205	21.3	F810
7308A	6M2224A	78.087	4.044	69.982	20.7	F810	5207H	5M1432H	81.102	2.430	76.205	21.3	F780
	5M2224A	78.087	4.044	69.982	20.7	F810	2177A	5M1432A	81.102	2.433	76.205	21.3	F810
	7M2224A	78.087	4.044	69.982	20.7	F810	7318	6M2200P	81.102	2.435	76.213	24.4	F780
8255	5M8254P	79.020	1.988	75.000	22.5	F780	7317	6M2200P	81.102	2.435	76.213	25.4	F780
8254	5M8254P	79.020	1.988	75.000	20.5	F780	2177HX	5M1432HX	81.102	2.417	76.205	21.3	F780
7240	5M1563P	79.850	2.425	74.940	22.8	F780	2177H	5M1432H	81.102	2.430	76.205	21.3	F780
7242	5M1563P	79.850	2.425	74.937	35.3	F780	1199	7M1199P	82.022	2.007	77.950	27.0	F780
2088	5M2091P	79.850	2.426	74.938	35.3	F780		5M1199P	82.022	2.007	77.950	27.0	F780
2087	5M2091P	79.850	2.426	74.940	22.8	F780	1198	5M1198P	82.022	2.007	77.950	27.1	F780
2775A	5M2775A	80.000	1.995	75.940	28.0	F810	2915	5M2915P	83.000	2.500	77.940	27.0	F780
8602A	5M8602A	80.091	2.508		27.3	F810	8548A	5M8548A	84.120	2.525	78.980	29.4	F810
1777A	5M1777A	80.092	2.103	75.825	28.6	F810	2934	5M1596P	84.231	2.410	79.339	22.2	F780
1862A	7M1864	80.442	2.078	76.225	26.7	F810	5247	5M2034P	84.231	2.410	79.339	23.7	F780
	5M1864A	80.442	2.078	76.225	26.7	F810	2934A	5M1596A	84.231	2.410	79.339	22.2	F810
2105AL	7M2104A	80.442	2.078	76.218	36.2	F820	7956	5M7956P	84.614	2.164	80.208	23.8	F780
1864A	5M1864A	80.442	2.078	76.225	36.2	F810	1855A	5M1884A	85.019	2.518	79.925	26.7	F810
	7M1864	80.442	2.078	76.225	36.2	F810	1855	7M1884P	85.019	2.518	79.925	26.7	F780



## Progressive Tunnel Listing - Main Bearings

Part	Set	Max Tunnel	Max Wall	Max Shaft	Length	Material
1888	7M1888P	85.019	2.518	79.925	26.7	F780
1855	5M1884P	85.019	2.518	79.925	26.7	F780
1884A	5M1884A	85.019	2.518	79.925	26.7	F810
1884	7M1889P	85.019	2.518	79.925	26.7	F780
	7M1884P	85.019	2.518	79.925	26.7	F780
1888	7M1889P	85.019	2.518	79.925	26.7	F780
1889	7M1889P	85.019	2.518	79.925	26.7	F780
	7M1888P	85.019	2.518	79.925	26.7	F780
1884	5M1884P	85.019	2.518	79.925	26.7	F780
1859	5M1847P	85.020	2.525	79.920	26.8	F780
1847A	5M1847A	85.020	2.525	79.920	26.8	F810
1232	7M1232P	85.020	2.500	79.955	28.1	F780
1859A	5M1847A	85.020	2.525	79.920	26.8	F810
1847	5M1847P	85.020	2.525	79.920	26.8	F780
1845A	5M1844A	85.020	2.516	79.920	26.7	F810
1844A	5M1844A	85.020	2.516	79.920	26.7	F810
7274	5M7274P	86.009	2.479	81.011	21.5	F780
1133A	5M1132A	86.830	2.103	82.550	28.7	F810
1132A	5M1132A	86.830	2.103	82.550	40.8	F810
	7M1132A	86.830	2.103	82.550	40.8	F810
1133A	7M1132A	86.830	2.103	82.550	28.7	F810
9029	5M7274PO/S1.	87.009	2.979	81.011	21.5	F780
1837A	5M1837A	87.019	2.518	81.925	27.3	F810
1837	5M1837P	87.019	2.518	81.925	27.3	F780
	7M1837P	87.019	2.518	81.925	27.3	F780
1122A	4M1122A	92.075	3.176	85.654	28.2	F810
	7M1122A	92.075	3.176	85.654	28.2	F810
	5M1122A	92.075	3.176	85.654	28.2	F810
2871	5M2870P	93.022	2.477	88.010	24.1	F780
2867	7M2867P	93.022	2.477	88.010	24.1	F780
	7M2869P	93.022	2.477	88.010	24.1	F780
2871	7M2870P	93.022	2.477	88.010	24.1	F780
2867	5M2867P	93.022	2.477	88.010	24.1	F780
	5M2869P	93.022	2.477	88.010	24.1	F780
2785	7M2784	93.066	2.040	88.900	27.4	F780
2784	7M2784	93.066	2.040	88.900	40.6	F780
2338	7M2337	93.142	2.088	88.887	29.5	F780
2337	7M2337	93.142	2.088	88.887	34.5	F780
2339	7M2337	93.142	2.088	88.887	38.1	F780
2718	7M2717P	106.000	3.018	99.894	35.0	F780
2719	7M2717P	106.000	3.018	99.894	55.0	F780
2717	7M2717P	106.000	3.018	99.894	35.0	F780





# NUMERICAL LISTING - ENGINE GROUP

Auxiliary Bearing Set	
1BS5687	Ford (49,50,71,79)
1BS7006	Audi (60) Volkswagen (130,131)
1BS7009	Audi (60) Volkswagen (130,131)
1BS7010	Audi (66,67) Volkswagen (139,140)
1BS7011	Audi (66,67) Volkswagen (139,140)
1C10945	Ford (46,73,113)
1SBS19547	Ford (85)
2BS3118	Fiat (36,38,39,40,51) Lancia (21)
2BS3128	Fiat (33) Lancia (19)
2BS3134	Fiat (15,13,14)
2BS7006	Audi (1,2,3,14,17,22,23,24,26,32,33,34,37,43,44,45,46,47,48,49,50,58,59,63,64,65,70,73,74,75,82,87) Volkswagen (1,2,3,5,6,7,8,9,10,11,12,13,16,17,18,20,21,25,30,32,33,34,35,37,40,41,43,49,50,52,54,62,63,64,65,74,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,108,111,113,114,115,123,125,134,141,143,144,146,147,164,165,167)
2BS8078	Toyota (65,66,70,80,123)
2BS8286	Toyota (56,90,110,111,112,113,114,115)
2C10955	Ford (25,44)
2C60025	Ford (76)
3BS7926	Volvo (3)

Balance Shaft Bearing Set	
1BS14005	General Motors (22)
1BS20025	General Motors (9)
2BS14035	Chrysler (5)
2BS14455	Ford (8,18,92)
2BS8273	Nissan (6)
2BS8453	Daihatsu (1,6,13)
2BS8558A	Mitsubishi (45)
2BS8559A	Mitsubishi (3,48)
2BS8586A	Mitsubishi (24)
2C0265	Chrysler (3)
3BS5196A	Ford (13)
3BS8288	Mitsubishi (14,30,33,48)
3BS8303	Mazda (1,7)
3BS8385	Mitsubishi (29,32)
3BS8387	Mitsubishi (34,35,47)
3BS8389	Hyundai (8,12) Mitsubishi (31,34,35,41,42,47,52,53)
4BS2938	Nissan (27)
4BS8000	Toyota (84)
4BS8416A	Toyota (25)

Balance Shaft Bearing Set	
4BS8452	Daihatsu (5)
6BS8033	Mazda (22)
Camshaft Bearing Set	
10C5808	Ford (116)
10C7005	Audi (51) Volkswagen (99)
1C3124	Fiat (33) Lancia (19)
1C4096	Leyland (5,14)
1C7910	Renault (1,2,5,16,40)
1C8398A	Toyota (106,108)
1C8415A	Toyota (25)
2C7813	Renault (6,7,8,19)
2C8446A	Suzuki (2,7)
3C10305	General Motors (25) Jeep (11)
3C13055	General Motors (25)
3C1764A	Mazda (45)
3C3120	Fiat (7,13,14,15,16,36,38,39,40,50,51) Lancia (21)
3C3300	Ford (45,46,51,73,121,122)
3C3310	Ford (58,61,72,75)
3C4005	General Motors (48)
3C4018	Nissan (68,74,75,76)
3C4036	Leyland (17) Nissan (52,53,54,60,78,81)
3C4095	Leyland (11,12,16)
3C4099	Leyland (9,12,13,15)
3C4212	Nissan (13,69)
3C4306	Leyland (4,8)
3C5116	Holden (25)
3C5126	Bedford (1) Holden (14,16) Vauxhall (2,3)
3C5816	Ford (7,49,50,71,79,113)
3C6126	Commer (1)
3C6127	Isuzu (33,34)
3C7936	Volvo (1,2,3,21)
3C8006	Toyota (81)
3C8071	Toyota (83,99,117)
3C8074	Toyota (100,104,118)
3C8081	Isuzu (3,20,21,22,23,24,31,32,49)
3C8084	Isuzu (10,18,29,30)
3C8116	Isuzu (36,44,45,48)
3C8127	Isuzu (44,46,47,48)
3C8227	Mazda (43)
3C8230A	Toyota (41)
3C8276	Mazda (33,34,44)
3C8448A	Toyota (48)
3C8454A	Daihatsu (8,11,14)
3C8482A	Toyota (46)
3C8490A	Toyota (42)
3C8496A	Toyota (48)
4C048AS	Ford (107)

Camshaft Bearing Set	
4C1002BS	Ford (118,119)
4C1031BS	General Motors (1,2,41)
4C1031S	General Motors (1,2,41)
4C1089S	General Motors (22,50)
4C1102S	General Motors (11,23,49) Jeep (12)
4C1102SW	General Motors (11,23,49) Jeep (12)
4C1114S	Chrysler (11)
4C1115S	Chrysler (20)
4C1197S	Ford (92)
4C1246S	General Motors (1,3,30,42)
4C1251S	Ford (31,114)
4C1254BS	Ford (100)
4C1254S	Ford (100)
4C1351S	General Motors (22)
4C1405BS	Chrysler (10)
4C1441AS	Ford (77)
4C1441S	Ford (77)
4C1447S	Ford (8,18,92)
4C1812S	General Motors (3,30)
4C3088	Holden (13)
4C3172	Land Rover (1,2,6,7,8) Rover (10,12)
4C399S	General Motors (26,52,55)
4C4036	Nissan (55,72)
4C4042	Nissan (55,56)
4C4286	Nissan (82,84)
4C4606	Chrysler (20,21)
4C4646	Chrysler (22)
4C5026	Bedford (4,5)
4C506S	General Motors (44) Jeep (3)
4C5106	Holden (18)
4C5108	Holden (19,20)
4C5116	Holden (1,2)
4C5137	Bedford (8)
4C5157	Bedford (3) General Motors (52,55)
4C5166	Bedford (6,7)
4C549S	American Motors (3,4) Jeep (2,6,16)
4C567BS	Ford (93,100)
4C567S	Ford (93,100)
4C5746	Ford (115,117)
4C5749	Ford (115,117)
4C5768	Ford (80,87,90,98,117)
4C5799	Ford (94)
4C5806	Ford (6)
4C5826	Ford (22,24,43,86,97,115,117)
4C5829	Ford (98)
4C654S	Ford (118)
4C7004	Audi (66,67) Volkswagen (139,140)
4C7300	General Motors (10,24)
4C777BS	Ford (25,26,44)



# NUMERICAL LISTING - ENGINE GROUP

Camshaft Bearing Set	
4C777S	Ford (25,26,44)
4C7936	Volvo (5,20)
4C7979	Toyota (72,96,125)
4C8052	Toyota (89,97)
4C8056	Toyota (98,119,120)
4C8065	Toyota (67,97,98,120)
4C8066	Toyota (14,29,71,79)
4C8076	Toyota (9,56,65,70,90)
4C8081	Isuzu (31,32,49)
4C8246	Mercedes Benz (17,18)
4C8499A	Toyota (50)
4C8566A	Mitsubishi (13)
4DC1866	Ford (81)
4SC19580	Holden (18)
4SC19581	Holden (20)
5C1000S	General Motors (15)
	Holden (28)
5C1001S	General Motors (15,17,19)
	Holden (8,28)
	HSV (1,2)
5C1088S	General Motors (59,60,61,64)
5C1092S	Ford (12,123)
5C1111S	Ford (101)
5C1112S	Chrysler (25,26)
	Jeep (13,14)
5C1195S	General Motors (6,7,36,56)
5C1199S	General Motors (18)
5C1763S	Ford (23)
5C287S	General Motors (53,54)
5C292S	General Motors (27,57,58)
5C3312	Ford (1,2)
5C3346C	General Motors (14,16,51,54)
5C3349	General Motors (14,16,51,54)
5C3349C	General Motors (14,16,51,54)
5C4055	Nissan (12,51,57,58)
5C4146	Nissan (63,64)
5C419S	Nissan (9,10)
5C4326	Land Rover (4)
	Leyland (19)
	Rover (8)
	Triumph/Standard (5)
5C5146	Holden (3)
5C5146C	Holden (3,21)
5C5170A	Chrysler (23)
	Jeep (8)
5C5616	Ford (23,110)
5C5616C	Ford (23,110)
5C5696	Ford (11,91,109)
5C5757	Ford (3,96)
5C5806	Ford (83,89,99)
5C6003S	Ford (28)
5C6006A	Mazda (22)
5C6128A	Isuzu (5,13,14,35)
5C615S	General Motors (47)
5C616S	General Motors (20,46,47)
5C638S	General Motors (59,62,63)
5C671S	American Motors (1,2)

Camshaft Bearing Set	
	Jeep (4)
5C680S	General Motors (4)
	Jeep (5)
5C7004	Audi (25,26,27,74,75,76)
	Volkswagen (50,54,122,123,124,125,126, 127,149)
5C7008	Audi (14,32,34,44,80,81,82)
	Volkswagen (5,9,30,34,36,38,45,65,85,87, 89,91,94,142,143)
5C716S	General Motors (8)
5C7276	Ford (68,69)
5C781S	Ford (39,40)
5C7969	Toyota (24,68,73)
5C804S	Toyota (77)
5C8083	Isuzu (2,4)
5C8094	Toyota (64,100,104)
5C8186	Toyota (8,15)
5C820S	Toyota (3,83,87,88,94,117)
5C821S	Toyota (83,88,94,117)
5C8217	Toyota (83,88,94,117)
5C8460A	Daihatsu (8,14)
5C8553A	Isuzu (28)
5C8554A	Isuzu (15,52)
5C8555A	Isuzu (1)
5C875S	Chrysler (19,25,26)
5C876S	Chrysler (12,13,27)
6C1100A	Ford (9,10,21,41,84)
6C1200A	Ford (42)
6C1201A	Ford (20,42)
6C7778A	Peugeot (15,26,29)
6C8081	Isuzu (12,37,40,41,42,50,51)
6DC1866	Ford (82,106,108)
7C4065	Nissan (45,59)
7C4067	Nissan (62)
7C5197LA	Ford (13)
7C5197RA	Ford (13)
7C5757	Ford (103,104)
7C8252A	Toyota (5)
8C7696	Jaguar (2,3)

Conrod Bearing Set	
10B1442A	Ford (13,38)
1B1090P	Alfa Romeo (5,6,7,8)
	Jeep (15)
1B2406P	Triumph/Standard (4,6)
1B2500H	Nissan (33)
1B2830P	Alfa Romeo (20,21,22,23,24)
	Fiat (26,27,28,29,30)
	Lancia (13,14,15,16,17)
1B481H	Chrysler (14,15)
1B481HX	Chrysler (14,15)
1B481P	Chrysler (14,15)
1B7270P	Ford (68)
1B7271P	Ford (69)
1B8241	Mercedes Benz (17,18,21,55)
1B8700D	Mercedes Benz (35,36,37,43)

Conrod Bearing Set	
1B8700P	Mercedes Benz (35,36,37,43)
2B1990A	Honda (44)
2B8010A	Daihatsu (5)
2B8316A	Subaru (7)
2B8577A	Mitsubishi (21,22,23)
3B1090P	Alfa Romeo (5)
3B1121P	Ford (6)
3B1266A	Daewoo (5)
	Suzuki (10,17)
3B1988A	Honda (48)
3B2423A	Opel (20)
3B2600P	Mercedes Benz (47)
	Smart (1)
3B5537D	Audi (66,67)
	Volkswagen (139,140,154)
3B5537P	Audi (66,67)
	Volkswagen (139,140,154)
3B5560A	Volkswagen (158)
3B8010A	Daihatsu (6,7,13)
3B8020A	Daihatsu (9)
3B8023A	Daihatsu (1)
3B8024A	Daihatsu (13)
3B8120A	Daihatsu (4)
3B8323A	Subaru (3)
3B8324A	Subaru (13)
3B8336A	Suzuki (12)
3B8336P	Suzuki (12)
3B8358A	Suzuki (14)
3B8421A	Toyota (38)
3B8540A	Suzuki (5,9)
3B8583A	Mitsubishi (24)
4B1018A	Fiat (33)
	Lancia (19)
4B1022A	Fiat (13,14,15,16)
	Lancia (5,10)
4B1023A	Fiat (13,14,15,16)
4B1030A	Alfa Romeo (19)
4B1037P	Mercedes Benz (51)
4B1046P	Alfa Romeo (10,12,13)
4B1047A	Alfa Romeo (10)
	Fiat (35)
	Lancia (20)
4B1048A	Alfa Romeo (12,14)
4B1048P	Alfa Romeo (12,14)
4B1049A	Fiat (4,22,23)
	Lancia (8)
4B1060H	Ford (32)
4B1060HX	Ford (32)
4B1062A	Alfa Romeo (9)
4B1063A	Alfa Romeo (9)
4B1075A	Audi (23,73)
	Volkswagen (43,44,48)
4B1075P	Audi (23,73)
	Volkswagen (43,44,48)
4B1076A	Audi (1,32,47)
	Volkswagen (85,86,88,89,93,94,95,134)





# NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B1076P	Audi (1,32,47) Volkswagen (85,86,88,89,93,94,95,134)
4B1084P	Triumph/Standard (2)
4B1090P	Alfa Romeo (7,8) Jeep (15) Rover (5)
4B1101A	Toyota (14,71,79)
4B1110H	Alfa Romeo (1)
4B1110P	Alfa Romeo (1)
4B1120P	Ford (83)
4B1121A	Ford (89)
4B1130A	Hyundai (11) Mitsubishi (4,11)
4B1131A	Leyland (18)
4B1136A	Mitsubishi (14,30,33,48)
4B1141A	Mitsubishi (13)
4B1146A	Hyundai (8) Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
4B1146H	Hyundai (8) Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
4B1146HX	Hyundai (8) Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
4B1151A	Mazda (34,44)
4B1155A	Mazda (43)
4B1156A	Mazda (14,35,42)
4B1171A	Nissan (25,26,47,85)
4B1185A	Hyundai (12,14) Mitsubishi (41,42,47,52,53,54)
4B1185H	Hyundai (12,14) Mitsubishi (41,42,47,52,53,54)
4B1185HX	Hyundai (12,14) Mitsubishi (41,42,47,52,53,54)
4B1190P	Mitsubishi (9)
4B1191P	Hyundai (3)
4B1196P	Mitsubishi (50)
4B1201A	Hyundai (1)
4B1206A	Hyundai (5)
4B1216A	General Motors (5)
4B1230P	Mitsubishi (37,40)
4B1234P	Mitsubishi (46)
4B1235P	Mitsubishi (37)
4B1236H	Mitsubishi (7)
4B1236HX	Mitsubishi (7)
4B1250A	Hyundai (13)
4B1256A	Hyundai (6)
4B1266A	Daewoo (3) General Motors (29) Suzuki (13)

Conrod Bearing Set	
4B1269A	Chrysler (3,5)
4B1276A	Ford (28,74,112)
4B1293H	Hyundai (4)
4B1293HX	Hyundai (4)
4B1297A	Nissan (39)
4B1320A	Isuzu (44,45,46,47,48)
4B1346P	Bedford (2) Vauxhall (1)
4B1350A	Daewoo (4) Holden (4) Opel (1,2)
4B1351A	Daihatsu (10)
4B1361A	Toyota (67,98,119)
4B1366A	Nissan (52,53,54)
4B1370A	Opel (7)
4B1370P	Opel (7)
4B1371A	Opel (22)
4B1380A	Ford (27,28,112)
4B1383A	Ford (31,114)
4B1388A	General Motors (35)
4B1395P	BMW (11)
4B1426A	Daihatsu (8,11,14)
4B1430A	Leyland (6)
4B1435A	Nissan (7,87)
4B1441A	Fiat (7,8,36,38,39,40,42,47,50,51) Lancia (2,3,21,22,23)
4B1441P	Fiat (40,41,50)
4B1444A	Fiat (7,36,38,39) Lancia (21)
4B1460A	Honda (39)
4B1486A	BMW (2)
4B1489H	BMW (7)
4B1489HX	BMW (7)
4B1490H	BMW (8)
4B1490HX	BMW (8)
4B1490P	BMW (8)
4B1506P	BMW (2)
4B1516D	BMW (22)
4B1516P	BMW (22)
4B1531A	Commer (1)
4B1535P	Mitsubishi (5,38,39,46)
4B1568H	BMW (13)
4B1568HX	BMW (13)
4B1579D	BMW (9,10,17) Land Rover (10) Rover (4)
4B1579P	BMW (9,10,17) Land Rover (10) Rover (4)
4B1606A	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,47,48,49,50,58,59,65,68,69,79,80,81,87,89)

Conrod Bearing Set	
	Volkswagen (5,6,31,32,33,34,35,36,38,42,45,48,58,62,63,64,65,66,67,68,69,70,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,98,106,107,108,109,113,114,115,142,155,160,161,164,165,166)
4B1606H	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,47,48,49,50,58,59,65,78,79,87,89) Volkswagen (5,6,35,62,63,64,65,66,67,68,69,70,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,114,115,155,160,161,164,165,166)
4B1606HX	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,47,48,49,50,58,59,65,78,79,87,89) Volkswagen (5,6,35,62,63,64,65,66,67,68,69,70,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,114,115,155,160,161,164,165,166)
4B1606P	Audi (1,2,3,17,20,32,33,34,35,36,37,38,42,43,45,46,48,49,50,58,59,65,68,69,78,79,80,81,87,89) Volkswagen (6,31,32,33,34,35,36,38,42,45,48,58,62,63,64,65,66,67,68,69,71,73,74,75,76,78,79,80,85,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,114,115,142,155,160,161,164,165,166)
4B1609H	Audi (17,18,19,21,24,37,73) Volkswagen (18,19,22,23,24,46,63,67,68,74,76,78,81,82,83,84,108,109,110,111,112,113,114,115,116,137,162,165,166)
4B1609HX	Audi (17,18,19,21,24,37,73) Volkswagen (18,19,22,23,24,46,63,67,68,74,76,78,81,82,83,84,108,109,110,111,112,113,114,115,116,137,162,165,166)
4B1609P	Audi (17,18,19,21,24,37,73) Volkswagen (19,22,23,24,46,63,67,68,74,76,78,81,82,83,84,108,109,110,111,112,113,114,115,116,137,162,165,166)
4B1610A	Audi (63,64) Volkswagen (1,2,3,4,7,8,10,11,30)
4B1610P	Audi (63,64)



# NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B1610P	Volkswagen (1,2,3,4,7,8,10,11,30)
4B1615A	Audi (70)
	Volkswagen (12,13,14,15,16,17,18,19,20,21,29,141,167)
4B1620A	Nissan (6)
4B1623A	General Motors (37)
4B1626A	Mazda (33)
4B1630A	Nissan (2,16,49,65,73)
4B1630H	Nissan (16,49,65)
4B1630HX	Nissan (16,49,65)
4B1630P	Nissan (2,16,49,65,73)
4B1635A	Chrysler (24)
4B1636A	Audi (14,22,44,47,65,82)
	Volkswagen (9,40,41,88,89,93,143)
4B1636P	Audi (14,22,44,47,65,82)
	Volkswagen (5,9,37,40,41,88,89,93,143)
4B1647A	General Motors (34)
4B1650A	Ford (57,58,59,60,61)
4B1660P	Ford (1)
4B1667A	Ford (2)
4B1670P	Peugeot (7,38)
	Rover (7)
4B1680A	Toyota (29,124)
4B1685P	Peugeot (38)
4B1686A	Toyota (8,15,16,18,103)
4B1690A	Toyota (78,91)
4B1691A	Toyota (81)
4B1701A	Toyota (9,56,90,110,111,112,113,114,115)
4B1706P	Audi (62)
4B1710A	Toyota (1,2,78)
4B1714A	Toyota (8,16,18,19)
4B1720A	Toyota (64,100,104)
4B1726A	Toyota (118)
4B1730A	Toyota (104,118)
4B1736A	Hyundai (11)
	Mitsubishi (10,11,51)
4B1750A	Kia (8)
	Mazda (40)
4B1756A	Mazda (34,45)
4B1760P	Mazda (38,39)
4B1770P	Mitsubishi (45)
4B1776A	Mazda (23)
4B1780A	Toyota (1,32)
4B1780H	Toyota (1,32)
4B1780HX	Toyota (1,32)
4B1780P	Toyota (1,32)
4B1786A	Toyota (99,117)
4B1800H	Mitsubishi (27)
4B1800P	Mitsubishi (27)
4B1810A	Ford (72,75)
4B1816A	Isuzu (25,26,27)
	Opel (14,15)

Conrod Bearing Set	
4B1816P	Isuzu (25,26,27)
	Opel (14,15)
4B1820A	Honda (35)
	Isuzu (39)
4B1836P	Isuzu (1,28,52)
4B1841P	Leyland (20)
	Triumph/Standard (3)
4B1846A	Ford (55,56)
4B1850A	Toyota (4,107)
4B1851A	Toyota (58,60)
4B1854P	Isuzu (15,53)
4B1856A	Toyota (59)
4B1856H	Toyota (59)
4B1856HX	Toyota (59)
4B1861A	Ford (81)
4B1870A	Isuzu (7,8,19)
4B1881A	Isuzu (2,4)
4B1886P	Isuzu (3,20,21,22,23,24,31,32,37,41,42,49,51)
4B1890A	Isuzu (6,10,18,29,30)
4B1890P	Isuzu (6,10,18,29,30)
4B1891P	Leyland (4,8,17)
4B1906H	Honda (17,38)
4B1906HX	Honda (17,38)
4B1906P	Honda (17,38)
4B1908A	Honda (30)
4B1910A	Honda (2)
4B1912H	Honda (14,18,19,28)
4B1912HX	Honda (14,18,19,28)
4B1912P	Honda (14,18,19,28)
4B1925A	Honda (4)
4B1925H	Honda (4)
4B1925HX	Honda (4)
4B1925P	Honda (4)
4B1926A	Honda (45)
4B1927A	Honda (8)
4B1930A	Honda (26,40)
4B1931A	Honda (43)
4B1936A	Honda (6,14,16,18,19,27,28)
4B1946A	Honda (1,2,3,5,15)
4B1946H	Honda (1,2,3,5,15)
4B1946HX	Honda (1,2,3,5,15)
4B1946P	Honda (1,2,3,5,15)
4B1950A	Honda (33,42)
4B1951A	Honda (25)
4B1955A	Honda (9,10,13)
4B1956A	Honda (10,11,12,21)
4B1956H	Honda (10,11,12,21)
4B1956HX	Honda (10,11,12,21)
4B1956P	Honda (10,11,12,21)
4B1972H	Honda (20)
4B1972HX	Honda (20)
4B1972P	Honda (20)
4B1978A	Honda (23)
4B1980A	Honda (22,31)
4B1983A	Honda (32)

Conrod Bearing Set	
4B2010H	Saab (3,4,5)
4B2010P	Saab (3,4,5)
4B2100A	Ford (3,96)
4B2130A	Kia (5)
	Mazda (18,20,30,37)
4B2162A	Ford (64,65)
4B2162P	Ford (64,65,66)
4B2166A	Ford (7,49,50,71,79,105)
4B2166H	Ford (7,49,50,71,79,105)
4B2166HX	Ford (7,49,50,71,79,105)
4B2201P	Leyland (5,9,11,12,14,15,16)
4B2206P	Leyland (9,13)
4B2250	Leyland (4)
4B2260A	Ford (124)
4B2260P	Ford (124)
4B2290A	General Motors (10)
4B2296A	General Motors (9)
	Holden (12)
	Opel (8)
	Saab (2)
4B2320A	Holden (10,23,26,27)
	Opel (3)
4B2320P	Holden (10,23,26,27)
	Opel (3)
4B2322A	Daewoo (1,2)
	General Motors (28)
	Holden (6,7,9,11,15,23,24,26,27)
	Isuzu (9)
	Opel (3,4,5,10)
	Vauxhall (4)
4B2322H	Daewoo (1,2)
	General Motors (28)
	Holden (6,7,9,10,11,15,23,24,26,27)
	Isuzu (9)
	Opel (3,4,5,10,29)
	Vauxhall (4)
4B2322HX	Daewoo (1,2)
	General Motors (28)
	Holden (6,7,9,10,11,15,23,24,26,27)
	Isuzu (9)
	Opel (3,4,5,10,29)
	Vauxhall (4)
4B2326P	Holden (15)
	Vauxhall (4)
4B2380P	Holden (25)
4B2406A	Triumph/Standard (6)
4B2410P	Opel (28)
4B2423A	Opel (21)
4B2450P	Volkswagen (120)
4B2451A	Volkswagen (39,118,121)
4B2456P	Volkswagen (119)
4B2510P	Mercedes Benz (1)
4B2511P	Mercedes Benz (42)
4B2515A	Mercedes Benz (7)





## NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B2515P	Mercedes Benz (7)
4B2516A	Mercedes Benz (7,38)
4B2516P	Mercedes Benz (7,38)
4B2526P	Mercedes Benz (1,4)
4B2556P	Triumph/Standard (1)
4B2620A	Nissan (14)
4B2626A	Nissan (1)
4B2634A	Nissan (41)
	Renault (39)
4B2636A	Nissan (68,74,75)
4B2638A	Nissan (76)
4B2660A	Nissan (37)
4B2673A	Nissan (20)
4B2674A	Nissan (20)
4B2675A	Nissan (21)
4B2690A	Land Rover (1,2,6)
	Rover (10)
4B2690P	Land Rover (1,2,6)
	Rover (10)
4B2691P	Land Rover (7,8)
	Rover (12)
4B2726H	Volvo (4,22)
4B2726P	Volvo (4,22)
4B2731A	Peugeot (1,2,44)
4B2736A	Nissan (66,67)
4B2740P	Volvo (1,3,21)
4B2741P	Volvo (2,21)
4B2746A	Nissan (77)
4B2751A	Nissan (60,78,81)
4B2756P	Nissan (69)
4B2770A	Nissan (5)
4B2776P	Nissan (13,30)
4B2796A	Peugeot (54)
	Rover (6)
4B2806A	Fiat (43,44)
	Lancia (24)
4B2815A	Isuzu (13,14)
4B2816A	Isuzu (5,33,34)
4B2819P	Fiat (26)
4B2821A	Honda (35)
	Isuzu (5,13,14,33,34,35,38,39)
4B2822A	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,27)
4B2822P	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,27)
4B2825A	Alfa Romeo (17)
	Fiat (6,17,18,19)
	Lancia (6,7)
4B2830P	Fiat (26,27,28)
	Lancia (13,15)
4B2840A	Alfa Romeo (18)
	Fiat (5,24,25)
	Lancia (11,12)
4B2865A	Mercedes Benz (17,19,55)

Conrod Bearing Set	
4B2866P	Mercedes Benz (17,55)
4B2872A	Alfa Romeo (15)
	Fiat (1,2,3,20)
	Lancia (11,29)
4B2872P	Alfa Romeo (15)
	Fiat (1,2,3,20)
	Lancia (11,29)
4B2890A	Fiat (37)
	Opel (18,19)
4B2890P	Fiat (37)
	Opel (18,19)
4B2902H	Mini (2)
4B2902HX	Mini (2)
4B2903A	Mini (1)
4B2903H	Mini (1)
4B2903HX	Mini (1)
4B2904H	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,11,27,29)
4B2904HX	Alfa Romeo (11,15,16)
	Fiat (1,2,3,10,11,12,20,21,49)
	Lancia (1,9,11,27,29)
4B2907A	Nissan (29)
4B2914P	Nissan (4)
4B2941A	Nissan (38)
4B2948A	Nissan (51)
4B2950A	Nissan (3)
4B2956A	Nissan (63,64)
4B2960A	Nissan (34)
4B2960H	Nissan (34)
4B2960HX	Nissan (34)
4B2960P	Nissan (34)
4B2966A	Nissan (12,27,57,58)
4B2966H	Nissan (12,27,57,58)
4B2966HX	Nissan (12,27,57,58)
4B2976H	Nissan (18)
4B2976HX	Nissan (18)
4B2980A	Toyota (68)
4B2986P	Toyota (24,73)
4B3034A	Fiat (46)
	Lancia (25)
4B3040A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
4B3062A	Citroen (1,2)
	Fiat (34)
	Peugeot (41,42)
4B3063A	Peugeot (43)
4B3063P	Peugeot (43)
4B3068	Leyland (20)
	Triumph/Standard (3)
4B4135A	Ford (29)
	Mazda (47)
4B4370P	Ford (50,79)
4B4376A	Ford (62)
4B4390A	Ford (5)
	Mazda (3)

Conrod Bearing Set	
4B4390H	Ford (5)
	Mazda (3)
4B4390HX	Ford (5)
	Mazda (3)
4B4390P	Ford (5)
	Mazda (3)
4B4565A	Chrysler (4)
	Jeep (10)
4B5120A	Holden (16)
	Vauxhall (2)
4B5121A	Bedford (1)
	Holden (14,16)
	Vauxhall (2,3)
4B5286P	Opel (13)
4B5290D	Opel (11,12)
4B5290P	Opel (11)
4B5506P	Nissan (32)
	Renault (27)
4B5524P	Renault (27)
4B5527P	Renault (27)
4B5531A	Audi (41,79)
	Volkswagen (78,129)
4B5531P	Audi (41,79)
	Volkswagen (78,129)
4B5534A	Audi (68,69,80,81)
	Volkswagen (31,32,33,34,35,36,38,42,45,48,58,142)
4B5534P	Audi (68,69,80,81)
	Volkswagen (31,32,33,34,35,36,38,42,45,48,58,142)
4B5536D	Audi (24)
	Volkswagen (14,46,47,49,54)
4B5536P	Audi (24)
	Volkswagen (14,46,47,49,54)
4B5537D	Audi (25,74,75,76,77)
	Volkswagen (50,51,52,55,56,97,126,127,128)
4B5537P	Audi (25,74,75,76,77)
	Volkswagen (50,51,52,55,56,97,126,127,128)
4B5538D	Audi (26,27,51,52)
	Peugeot (25)
	Volkswagen (53,57,99,100,101,122,123,124,125)
4B5538P	Audi (26,27,51,52)
	Peugeot (25)
	Volkswagen (53,57,99,100,101,122,123,124,125)
4B5539D	Audi (20,40,42,78,88)
	Volkswagen (70,72,77,79,80,136)
4B5539P	Audi (40,78,88)



# NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B5539P	Volkswagen (70,72,77,79,80,136)
4B5542A	Audi (70,71,72)
	Volkswagen (12,17,18,20,21,22,26,27,28,29,150,151,152,153,167)
4B5544P	Audi (72)
	Volkswagen (25,26,159)
4B5555A	Volkswagen (144,145,146,147)
4B5570A	Skoda (1,2)
4B583A	Ford (114)
4B603A	Ford (45,46,51,116,121)
4B603H	Ford (45,46,51,73,116,121)
4B603HX	Ford (45,46,51,73,116,121)
4B603P	Ford (45,46,51,73,116,121)
4B610A	General Motors (25)
	Jeep (11)
4B7190A	Chrysler (17)
	Mitsubishi (6)
4B7267A	Ford (125)
4B7268A	Ford (54)
4B745A	General Motors (6,7,8,36,48,56)
4B7640A	Renault (34)
4B7700A	Peugeot (11,12,52)
4B7700H	Peugeot (11,12,52)
4B7700P	Peugeot (11,12,52)
4B7702A	Peugeot (52)
4B7706A	Peugeot (17)
4B7710A	Peugeot (19,22)
4B7712A	Peugeot (16,18,19,20,21,24,33,34,35,37)
	Renault (18)
4B7712H	Peugeot (16,18,19,20,21,24,33,34,35,37)
	Renault (18)
4B7712HX	Peugeot (16,18,19,20,21,24,33,34,35,37)
	Renault (18)
4B7716A	Peugeot (10)
4B7722P	Peugeot (9)
4B7730A	Peugeot (6,8,53)
4B7732A	Peugeot (36)
4B7735A	Peugeot (24)
4B7736A	Peugeot (15,26)
4B7736H	Peugeot (15,26)
4B7740A	Peugeot (13,14)
4B7740P	Peugeot (13,14)
4B7746A	Peugeot (10,27)
4B7747D	Ford (47)
	Peugeot (28,29)
	Volvo (14)
4B7747P	Ford (47)
	Peugeot (28,29)

Conrod Bearing Set	
	Volvo (14)
4B7750A	Ford (52)
	Peugeot (2,44,45,46)
4B7755A	Peugeot (47)
4B7755P	Peugeot (47)
4B7760D	Peugeot (48)
4B7760P	Peugeot (48)
4B7767A	Citroen (5)
	Peugeot (49)
4B7770D	Ford (34)
	Peugeot (39)
4B7770P	Citroen (4)
	Ford (34)
	Peugeot (39)
4B7775A	Ford (33)
	Peugeot (40)
	Volvo (19)
4B7775P	Ford (33)
	Peugeot (40)
	Volvo (19)
4B7800A	Renault (12,15)
4B7802A	Peugeot (51)
	Renault (12,15,25)
4B7805A	Renault (11,21)
4B7806A	Renault (12,15)
4B7816A	Opel (23,24,25)
	Renault (7,8,10,13,14,23)
	Volvo (9)
4B7816P	Opel (23,24,25)
	Renault (7,8,10,13,14,23)
	Volvo (9)
4B7820A	Renault (6,7,8,13,14,19,20,22)
	Volvo (10,12)
4B7820H	Renault (6,7,8,13,14,19,20,22)
	Volvo (10,12)
4B7820HX	Renault (6,7,8,13,14,19,20,22)
	Volvo (10,12)
4B7826A	Renault (1,2,16)
4B7830A	Renault (3,17)
4B7838A	Renault (12,15)
4B7845P	Renault (32)
4B7848P	Renault (28)
4B7849A	Renault (31)
4B7849P	Renault (31)
4B7860A	Renault (17)
4B7880P	Renault (29)
	Volvo (15)
4B7886P	Opel (26)
	Renault (33)
4B7891A	Peugeot (3,4,5,30,31,32)
4B7900A	Renault (4,5,26,40,41)
	Volvo (6,7)
4B7906A	Renault (26,41)
4B7907A	Renault (26)

Conrod Bearing Set	
4B7908A	Volvo (6)
4B7940P	Renault (35)
4B7941P	Peugeot (50)
	Renault (35,36,37,38)
4B8016A	Daihatsu (12)
4B8036A	Mitsubishi (19,43,44)
4B8036H	Mitsubishi (19,43,44)
4B8038A	Mitsubishi (19,44)
4B8050A	Mitsubishi (26)
4B8050H	Mitsubishi (26)
4B8050HX	Mitsubishi (26)
4B8101A	Renault (24)
4B8140A	Kia (4,10)
	Mazda (13,22)
4B8143A	Mazda (27,30)
4B8144A	Mazda (23,41)
4B8155A	Toyota (40)
4B8170A	Ford (4)
	Mazda (2)
4B8170H	Ford (4)
	Mazda (2)
4B8170HX	Ford (4)
	Mazda (2)
4B8172H	Mazda (10)
4B8172HX	Mazda (10)
4B8210A	Toyota (57)
4B8224A	BMW (16)
	Toyota (34)
4B8225A	BMW (16)
	Toyota (34)
4B8240A	Ford (16)
	Mazda (1,7,29)
4B8240P	Mazda (1,7,29)
4B8243A	Mazda (6)
4B8243P	Ford (17)
	Mazda (6)
4B8244A	Suzuki (4)
4B8280A	Toyota (83,88,94)
4B8281A	Toyota (77)
4B8285A	Toyota (3,83,87,88,94)
4B8290A	Subaru (12)
4B8291A	Subaru (1,2,10,11,16)
4B8296A	Subaru (4,5,14,15,17)
4B8296H	Subaru (4,5,14,15,17)
4B8296HX	Subaru (4,5,14,15,17)
4B8296P	Subaru (4,5,14,15,17)
4B8300A	Mazda (21)
4B8306A	Suzuki (6)
4B8310H	Subaru (6)
	Toyota (33)
4B8310HX	Subaru (6)
	Toyota (33)
4B8310P	Subaru (6)
	Toyota (33)
4B8320A	Subaru (4,5,14,15,17)
4B8320H	Subaru (4,5,14,15,17)
4B8320HX	Subaru (4,5,14,15,17)





## NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
4B8320P	Subaru (4,5,14,15,17)
4B8328A	Subaru (9)
4B8328P	Subaru (9)
4B8330A	Mazda (36)
4B8331A	Kia (1,2) Mazda (4,8,9,19,25,42)
4B8336A	Suzuki (1)
4B8336H	Suzuki (1)
4B8336HX	Suzuki (1)
4B8336P	Suzuki (1)
4B8340A	Suzuki (11)
4B8351A	Ford (78) Kia (3,9) Mazda (5,11,12,24,26)
4B8351H	Ford (78) Kia (3,9) Mazda (5,11,12,24,26)
4B8351HX	Ford (78) Kia (3,9) Mazda (5,11,12,24,26)
4B8360A	Toyota (85,86,102,116)
4B8364A	Toyota (45)
4B8365A	Toyota (20,69,86)
4B8366A	Toyota (82)
4B8366H	Toyota (82)
4B8366HX	Toyota (82)
4B8366P	Toyota (82)
4B8370A	Toyota (12,92,93)
4B8371A	Toyota (12,92)
4B8375A	Toyota (117)
4B8376A	Toyota (17,101)
4B8380A	Toyota (13)
4B8390A	Toyota (74)
4B8391A	Toyota (12,63)
4B8395A	Toyota (12,63,92)
4B8402A	Toyota (35)
4B8407A	Toyota (39)
4B8411A	Toyota (25)
4B8411H	Toyota (25)
4B8411HX	Toyota (25)
4B8414A	Toyota (11,84,101)
4B8419A	Toyota (6)
4B8420A	Toyota (7)
4B8425A	Daihatsu (2)
4B8428A	Toyota (37)
4B8430H	Suzuki (3)
4B8430HX	Suzuki (3)
4B8435P	Toyota (41)
4B8436A	Daihatsu (3) Toyota (36)
4B8440A	Suzuki (2)
4B8440H	Suzuki (2)
4B8440HX	Suzuki (2)
4B8441A	Suzuki (7)
4B8450A	Toyota (26)
4B8451A	Toyota (27)
4B8479A	Toyota (46)

Conrod Bearing Set	
4B8486A	Toyota (42)
4B8493A	Toyota (48,49)
4B8544A	Suzuki (16)
4B8547A	Mazda (46)
4B8550A	Mazda (16)
4B8560A	Isuzu (16)
4B8561A	Isuzu (17)
4B8564A	Mitsubishi (20)
4B8570A	Nissan (36)
4B8575A	Mitsubishi (3)
4B8576A	Mitsubishi (3)
4B8583A	Mitsubishi (25)
4B8589A	Mitsubishi (49)
4B8593A	Hyundai (9)
4B8595A	Hyundai (10)
4B8600A	Kia (6,7)
4B8700D	Mercedes Benz (35,43)
4B8700P	Mercedes Benz (35,43)
4B8716P	Mercedes Benz (14,15)
4B8717P	Mercedes Benz (16)
4B8720A	Mercedes Benz (13)
4B8720P	Mercedes Benz (13)
4B8721D	Mercedes Benz (46)
4B8721P	Mercedes Benz (46)
4B8736A	Mercedes Benz (38,39)
4B8740A	Mercedes Benz (22,24,30,44)
4B8741D	Mercedes Benz (23,25)
4B8741P	Mercedes Benz (23,25)
4B943A	Ford (113)
4B960A	American Motors (4) Jeep (2)
4B984A	Ford (25,26,44)
4B9920A	Rover (2)
4B9921A	Land Rover (3) Rover (3)
4B9950P	Land Rover (11) Rover (1)
4B9955	Jeep (1)
5B1048A	Fiat (31) Lancia (28)
5B1048P	Fiat (31) Lancia (28)
5B1076A	Audi (6,8,9,10,15,16,28,31,54,56) Volkswagen (103,104)
5B1076P	Audi (6,8,9,10,15,16,28,31,54,56) Volkswagen (103,104)
5B1606A	Audi (4,8,9,10,11,12,13,28,55,56) Volkswagen (61,102,103,104)
5B1606P	Audi (4,8,9,10,11,12,13,28,55,56) Volkswagen (61,102,103,104)
5B1636A	Audi (5,6,7,9,10,15,16,29,30) Volkswagen (59,60,103)
5B1636P	Audi (5,6,7,9,10,15,16,29,30)

Conrod Bearing Set	
	Volkswagen (59,60,103)
5B1943A	Honda (36)
5B2290A	General Motors (24)
5B2515A	Mercedes Benz (41)
5B2515P	Mercedes Benz (41)
5B2526P	Ssangyong (1)
5B2819P	Fiat (30) Lancia (17)
5B2822A	Fiat (32) Lancia (18)
5B2822P	Fiat (32) Lancia (18)
5B2830P	Alfa Romeo (21,24) Fiat (30) Lancia (14,16,17)
5B5530A	Volkswagen (130)
5B5534A	Audi (12,13) Volkswagen (61)
5B5534P	Audi (12,13) Volkswagen (61)
5B5536D	Volkswagen (105)
5B5536P	Volkswagen (105)
5B5538D	Volkswagen (149,156)
5B5538P	Volkswagen (149,156)
5B7880P	Renault (30) Volvo (16,18)
5B8396A	Toyota (108)
5B8700D	Mercedes Benz (36)
5B8700P	Mercedes Benz (36)
5B8736A	Mercedes Benz (40)
5B8740A	Mercedes Benz (27,31,45)
5B8741D	Mercedes Benz (26,32)
5B8741P	Mercedes Benz (26,32)
5B9950P	Land Rover (9)
6B1041P	Mercedes Benz (11)
6B1120P	Ford (99)
6B1131A	Leyland (10)
6B1140A	Hyundai (7) Mitsubishi (2)
6B1140H	Hyundai (7) Mitsubishi (2)
6B1140HX	Hyundai (7) Mitsubishi (2)
6B1150A	Mitsubishi (17)
6B1160A	Toyota (65,66,70,80)
6B1170A	Toyota (65,66,122,123)
6B1171A	Nissan (71,79)
6B1180A	Hyundai (15) Mitsubishi (36)
6B1210A	Hyundai (2)
6B1214A	Chrysler (20)
6B1227A	General Motors (50)
6B1230P	Mitsubishi (1,15)
6B1231P	Mitsubishi (28)
6B1238A	General Motors (11,12,23,49) Jeep (12)
6B1283A	Ford (8,92)



# NUMERICAL LISTING - ENGINE GROUP

## Conrod Bearing Set

6B1301P	Nissan (82,84)
6B1356P	Toyota (95,121)
6B1358A	General Motors (22)
6B1360A	Toyota (89,97)
6B1361A	Toyota (97,120)
6B1366P	Nissan (55,56)
6B1370A	Opel (17)
6B1370P	Opel (17)
6B1376A	Toyota (89)
6B1385A	Ford (107)
6B1387A	Chrysler (11)
6B1395P	BMW (14)
6B1410A	Chrysler (9,10)
6B1430A	Leyland (7)
6B1486A	BMW (1)
6B1490A	BMW (12)
6B1490H	BMW (12)
6B1490HX	BMW (12)
6B1490P	BMW (12)
6B1497H	BMW (5)
6B1497HX	BMW (5)
6B1506P	BMW (1)
6B1515H	BMW (24)
6B1515HX	BMW (24)
6B1516D	BMW (23)
6B1516P	BMW (23)
6B1536P	Mitsubishi (16)
6B1569H	BMW (26)
6B1569HX	BMW (26)
6B1579D	BMW (3,4,6,18,19,20)
	Opel (27)
	Rover (11)
6B1579P	BMW (3,6)
6B1630A	Nissan (70)
6B1630P	Nissan (70)
6B1641A	Ford (94)
6B1760P	Mazda (28)
6B1831P	Isuzu (54)
6B1839P	Isuzu (11)
6B1840A	Honda (34)
	Isuzu (43)
6B1860	Ford (106)
6B1861	Ford (82,106)
6B1886P	Isuzu (12,40,50)
6B1902A	Honda (7)
6B1935A	Honda (46,47)
6B1974A	Honda (29)
6B1994P	Honda (41)
6B1995P	Honda (24)
6B2100	Ford (103,104,108)
6B2150A	Ford (22,24,43,70,80,85,86,87,95,97,98,102,111,115,117)
6B2150H	Ford (22,24,43,70,80,85,86,87,95,97,98,102,111,115,117)

## Conrod Bearing Set

6B2150HX	Ford (22,24,43,70,80,85,86,87,95,97,98,102,111,115,117)
6B2150P	Ford (22,24,43,70,80,85,86,87,90,95,97,98,102,111,115,117)
6B2270A	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
6B2270H	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
6B2270HX	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
6B2290A	General Motors (13)
6B2306A	General Motors (30,42)
6B2306H	General Motors (3,30,42)
	Holden (18,19,20)
6B2306HX	General Motors (3,30,42)
	Holden (18,19,20)
6B2306P	General Motors (3,30,42)
	Holden (18,19,20)
6B2310A	Bedford (4,5)
6B2330P	Bedford (7)
6B2336P	Bedford (7)
6B2351P	Bedford (8)
6B2360A	General Motors (1,3,41,42)
6B2360P	General Motors (1,3,41,42)
	Holden (18)
6B2366	Bedford (6)
6B2380	Holden (1,2)
6B2380H	Holden (1,2)
6B2380HX	Holden (1,2)
6B2389A	Nissan (80)
6B2390A	Nissan (22,23,50,88)
6B2390H	Nissan (22,23,50,61,88)
6B2390HX	Nissan (22,23,50,61,88)
6B2390P	Nissan (22,23,50,61,88)
6B2406A	Triumph/Standard (4)
6B2420A	Holden (22)
	Opel (6)
6B2430P	Chrysler (22)
6B2452H	Porsche (1)
6B2452HX	Porsche (1)
6B2500H	Nissan (33)
6B2510P	Mercedes Benz (3,53)
6B2526P	Mercedes Benz (2,48)
6B2538P	Nissan (42)
6B2630A	Nissan (24,48)
6B2630H	Nissan (24,48)
6B2630HX	Nissan (24,48)
6B2630P	Nissan (24,48)
6B2640A	Nissan (44)

## Conrod Bearing Set

6B2640H	Nissan (44)
6B2640HX	Nissan (44)
6B2640P	Nissan (44)
6B2716P	Nissan (9,10,11)
6B2740P	Volvo (20)
6B2741P	Volvo (5)
6B2771P	Leyland (1,2,3,21)
6B2776P	Nissan (46)
6B2865A	Mercedes Benz (18,20,21)
6B2866P	Mercedes Benz (18,21)
6B2875P	Alfa Romeo (3,4)
	Fiat (9)
	Lancia (4)
6B2876P	Mercedes Benz (10,11,50)
6B2881P	Rover (13)
6B2886P	Mercedes Benz (6)
6B2930A	Nissan (17,86)
6B2955A	Nissan (19,43,62)
6B2955H	Nissan (19,43,62)
6B2955HX	Nissan (19,43,62)
6B2955P	Nissan (19,43,62)
6B2960A	Nissan (15)
6B2960H	Nissan (15,83)
6B2960HX	Nissan (15,83)
6B2960P	Nissan (15,83)
6B2966H	Nissan (45,59)
6B2966HX	Nissan (45,59)
6B2966P	Nissan (45,59)
6B2991	Jaguar (2,3)
6B4380A	Ford (36)
6B4395A	Ford (15)
	Jaguar (1)
	Mazda (48)
6B4500A	Ford (18,92)
6B5001A	Holden (13)
6B5500A	Leyland (1,3)
6B5502A	Opel (9)
6B5530A	Audi (60,61)
	Volkswagen (131,132)
6B5530H	Audi (60,61)
	Volkswagen (131,132)
6B5530HX	Audi (60,61)
	Volkswagen (131,132)
6B5534A	Volkswagen (138)
	Volvo (13)
6B5534P	Volkswagen (138)
	Volvo (13)
6B5546A	Audi (86,90)
	Volkswagen (157)
6B5546P	Audi (85)
	Volkswagen (157)
6B5568A	Volkswagen (163)
6B606A	Chrysler (20,21)
6B610A	General Motors (2,40,44)
	Jeep (3)
6B663A	Bedford (3)
	General Motors (55)





# NUMERICAL LISTING - ENGINE GROUP

Conrod Bearing Set	
6B699A	Ford (93,100)
6B7170A	Chrysler (6)
6B7200A	Chrysler (1)
	Jeep (7)
6B7201A	Chrysler (1)
	Jeep (7)
6B7230A	General Motors (33)
6B7231A	General Motors (31,32)
6B723A	Ford (76,77,88,118,119,120)
6B7310A	Chrysler (7,8)
6B7315A	Chrysler (8,18)
6B745A	General Motors (26,52)
6B7880P	Volvo (8)
6B7971A	Toyota (96,125)
6B7986A	Toyota (72)
6B7990A	Toyota (109)
6B7990H	Toyota (109)
6B7990HX	Toyota (109)
6B7990P	Toyota (109)
6B8040A	Toyota (23)
6B8060A	Toyota (75)
6B8061A	Toyota (21,22,76)
6B8100A	Toyota (61)
6B8100H	Toyota (61)
6B8100HX	Toyota (61)
6B8100P	Toyota (61)
6B8146A	Mazda (15,31)
6B8149A	Mazda (17,32)
6B8262A	Toyota (52)
6B8270A	Subaru (8)
6B8306A	Suzuki (8,15)
6B8350A	Mazda (17,32)
6B8381A	Toyota (10)
6B8396A	Toyota (5,105,106)
6B8396H	Toyota (5,105,106)
6B8396HX	Toyota (5,105,106)
6B8466A	Toyota (28)
6B8466H	Toyota (28)
6B8466HX	Toyota (28)
6B8470A	Toyota (43,53)
6B8471A	Toyota (44,53,62)
6B8471P	Toyota (44,53,62)
6B8472A	Toyota (62)
6B8472P	Toyota (62)
6B8493A	Toyota (50,51)
6B8700D	Mercedes Benz (37)
6B8700P	Mercedes Benz (37)
6B8724P	Mercedes Benz (5)
6B8730P	Mercedes Benz (52)
6B8734P	Mercedes Benz (12,50)
6B8740A	Mercedes Benz (28,33)
6B8741D	Mercedes Benz (29,34)
6B8741P	Mercedes Benz (29,34)
6B960A	American Motors (3)
	Jeep (6,16)
8B1227H	Ford (109)
8B1227HX	Ford (109)

Conrod Bearing Set	
8B1286A	General Motors (18)
8B1327P	Ford (12)
8B1442A	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1442H	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1442HX	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1442P	Ford
	(9,10,14,19,20,21,30,41,42,84)
8B1458P	BMW (21)
8B1633P	Ford (123)
8B1808A	Chrysler (2,16)
	Jeep (9)
8B1808H	Chrysler (2,16)
	Jeep (9)
8B1808HX	Chrysler (2,16)
	Jeep (9)
8B1808P	Chrysler (2,16)
	Jeep (9)
8B2356H	Holden (3)
8B2356HX	Holden (3)
8B2356P	Holden (3)
8B2570P	Nissan (40)
8B2990A	Nissan (35)
8B2990H	Nissan (35)
8B2990HX	Nissan (35)
8B2990P	Nissan (35)
8B481A	Chrysler (19,25,26)
	Jeep (13,14)
8B481H	Chrysler (19,25,26)
	Jeep (13,14)
8B481HX	Chrysler (19,25,26)
	Jeep (13,14)
8B481P	Chrysler (19,25,26)
	Jeep (13,14)
8B527A	Chrysler (12,13,27)
8B527HD	Chrysler (12,13,27)
8B527HDX	Chrysler (12,13,27)
8B542A	General Motors (63)
8B610A	General Motors
	(4,27,39,43,45)
	Jeep (5)
	Land Rover (4)
	Leyland (19)
	Rover (8)
	Triumph/Standard (5)
8B634A	Ford (23)
8B634H	Ford (23)
8B634HD	Ford (23)
8B634HX	Ford (23)
8B634HDX	Ford (23)
8B634P	Ford (23)

Conrod Bearing Set	
8B663A	General Motors
	(14,15,17,19,51)
	Holden (8,28)
	HSV (1)
8B663H	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663HD	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663HX	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663HDX	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B663P	General Motors
	(14,15,17,19,51)
	Holden (8,21,28)
	HSV (1,2)
8B684A	General Motors
	(59,60,61,62,64)
8B7206A	Chrysler (23)
	Jeep (8)
8B7210A	Chrysler (23)
	Jeep (8)
8B7210AO/S2	Chrysler (23)
	Jeep (8)
8B7255A	Ford (35)
8B7260A	Ford (37)
8B7270P	Ford (68)
8B7271P	Ford (69)
8B7280A	General Motors (38)
8B743A	General Motors (20,46,47)
8B743H	General Motors (20,46,47)
8B743HD	General Motors (20,46,47)
8B743HX	General Motors (20,46,47)
8B743HDX	General Motors (20,46,47)
8B743P	General Motors (20,46,47)
8B745A	General Motors (16,53,54)
8B745H	General Motors (16,53,54)
8B745HD	General Motors (16,53,54)
8B745HX	General Motors (16,53,54)
8B745HDX	General Motors (16,53,54)
8B745P	General Motors (16,53,54)
8B758P	General Motors (57,58)
8B760A	Ford (39,40)
8B8091H	Toyota (54,55)
8B8091HX	Toyota (54,55)
8B8091P	Toyota (54,55)
8B818A	Ford (101)
8B818H	Ford (101)
8B818P	Ford (101)
8B8250P	Toyota (30)



# NUMERICAL LISTING - ENGINE GROUP

## Conrod Bearing Set

8B831A	Ford (110)
8B831P	Ford (110)
8B8704P	Mercedes Benz (8)
8B8705P	Mercedes Benz (8,49)
8B8706P	Mercedes Benz (9)
8B8724P	Mercedes Benz (54)
8B927A	Ford (11,91,109)
8B927H	Ford (11,91,109)
8B927P	Ford (11,91,109)
8B960A	American Motors (1)
	Jeep (4)
8B9965P	Land Rover (5)
	Rover (9)

## Main Bearing Set

1M2407P	Triumph/Standard (4,6)
1M2505H	Nissan (28,33)
1M2884A	Alfa Romeo (20,21,22)
	Lancia (15,16)
1M8702D	Mercedes Benz (35,36,37,43)
1M8702P	Mercedes Benz (35,36,37,43)
3M1031A	Alfa Romeo (19)
3M1065A	Alfa Romeo (9)
3M1142A	Mitsubishi (13)
3M1367A	Nissan (52,53)
3M1372A	Opel (22)
3M1649A	Ford (60,61)
3M1692A	Toyota (81)
3M1757A	Mazda (43,45)
3M1815A	Ford (75)
3M1991A	Honda (44)
3M1992A	Honda (44)
3M2152P	Ford (121,122)
3M2202P	Leyland (5,14)
3M2203P	Leyland (11,12,14,16)
3M2204P	Leyland (9,12,13,15)
3M2205P	Leyland (9)
3M2215A	Leyland (17)
	Nissan (68,74)
3M2254A	Leyland (4)
3M2407A	Triumph/Standard (6)
3M2637A	Nissan (75,76)
3M2692P	Land Rover (7,8)
	Rover (12)
3M2805A	Fiat (44)
3M2807A	Fiat (43,44)
	Lancia (24)
3M2932A	Nissan (38)
3M2967A	Nissan (63)
3M2977A	Toyota (68)
3M2984A	Toyota (68)
3M2987A	Toyota (24,68,73)
3M3161A	Renault (34)
3M3284	Leyland (20)
	Triumph/Standard (3)
3M3427P	Leyland (16)
3M4302	Leyland (8)

## Main Bearing Set

3M5123A	Bedford (1)
	Holden (14,16)
	Vauxhall (2,3)
3M5556A	Volkswagen (145)
3M5573A	Skoda (1,2)
3M8011A	Daihatsu (5)
3M8015A	Daihatsu (5)
3M8043A	Daihatsu (10)
3M8292A	Subaru (10,11,16)
3M8293A	Subaru (1,11)
3M8294A	Subaru (2,12)
3M8318A	Subaru (7)
3M8578A	Mitsubishi (21,22)
3M8580A	Mitsubishi (22,23)
3M8727P	Mercedes Benz (51)
3M9958A	Jeep (1)
4M1122A	Ford (6)
4M1149A	Hyundai (7)
	Mitsubishi (2,17)
4M1149H	Hyundai (7)
	Mitsubishi (2,17)
4M1149HX	Hyundai (7)
	Mitsubishi (2,17)
4M1183A	Hyundai (15)
	Mitsubishi (36)
4M1215A	Hyundai (2)
4M1233A	Mitsubishi (28)
4M1267A	Daewoo (5)
4M1367A	Nissan (55,56)
4M1419A	Chrysler (20)
4M1454A	General Motors (22,50)
4M1494A	General Motors (49)
	Jeep (12)
4M1642A	Ford (94)
4M1642A+015	Ford (94)
4M1657P	Ford (88)
4M1701A	Chrysler (11)
4M1702A	Ford (107)
4M1782A	Ford (8)
4M1842A	Honda (34)
	Isuzu (43)
4M1903A	Honda (7)
4M1933A	Honda (47)
4M1934A	Honda (46)
4M1939P	Bedford (8)
4M1975A	Honda (29)
4M1989A	Honda (48)
4M1996A	Honda (24,37,41)
4M2006A	Ford (76,77,119)
4M2010A	Chrysler (9)
4M2022A	General Motors (3,30)
4M2037A	General Motors (11,12,49)
	Jeep (12)
4M2126A	Ford (43,115,117)
4M2273A	General Motors (21)
	Holden (5)
	Opel (16)

## Main Bearing Set

	Saab (1)
4M2273H	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
4M2273HX	General Motors (21)
	Holden (5)
	Opel (16)
	Saab (1)
4M2299A	Holden (19,20)
4M2302A	General Motors (3,30,42)
	Holden (18)
4M2309A	General Motors (3,30)
	Holden (18)
4M2333P	Holden (18)
4M2334	Holden (18)
4M2335P	Holden (19,20)
4M2362P	Holden (18)
4M2407A	Triumph/Standard (4)
4M2425A	Opel (20)
4M2505H	Nissan (28,33)
4M2539A	Nissan (42)
4M2605A	Mercedes Benz (47)
	Smart (1)
4M2633A	Nissan (24,44)
4M2633A+4T	Nissan (24,44)
4M2633H	Nissan (24,44)
4M2633HX	Nissan (24,44)
4M2633P	Nissan (24,44)
4M2653A	Nissan (20)
4M2737A	Nissan (22)
4M2737H	Nissan (20,21,22,23,50,61)
4M2737HX	Nissan (20,21,22,23,50,61)
4M2737P	Nissan (22,61)
4M2777A	Nissan (20,21,23)
4M2777P	Nissan (20,21,23,50)
4M2780A	Nissan (20,21,23,50)
4M2874P	Alfa Romeo (3,4)
	Fiat (9)
	Lancia (4)
4M2878P	Mercedes Benz (10,11,50)
4M2887A	Mercedes Benz (53)
4M3084A	Holden (13)
4M4382A	Ford (36)
4M4382A+2T	Ford (36)
4M517A	Chrysler (20,21)
4M5547P	Audi (84,85)
	Volkswagen (157)
4M5548P	Audi (84,85)
	Volkswagen (157)
4M5549A	Audi (86)
4M5552A	Audi (67)
	Volkswagen (140)
4M5564A	Opel (6,9)
4M7172A	Chrysler (6)
4M7172A+2T	Chrysler (6)
4M7182A	Chrysler (7,8)





# NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
4M7182A+2T	Chrysler (7,8)
4M7189A	General Motors (23)
4M7214A	Chrysler (1)
	Jeep (7)
4M7214A+2T	Chrysler (1)
	Jeep (7)
4M7234A	General Motors (31)
4M7262A	Ford (15)
	Jaguar (1)
	Mazda (48)
4M7278A	Chrysler (10)
4M7295A	Ford (18,92)
4M7316A	Chrysler (18)
4M7972A	Toyota (125)
4M7982A	Toyota (96,125)
4M7987A	Toyota (72)
4M8009A	Daihatsu (6,7,13)
4M8011A	Daihatsu (6,7)
4M8019A	Daihatsu (9)
4M8025A	Daihatsu (1,13)
4M8063A	Toyota (22,23,76)
4M8070A	Toyota (21,75)
4M8126A	Daihatsu (4)
4M8147A	Mazda (31,32)
4M8245A	Suzuki (4)
4M8263A	Toyota (52)
4M8271A	Subaru (8)
4M8307A	Suzuki (15)
4M8326A	Subaru (3,13)
4M8337A	Suzuki (12)
4M8338A	Suzuki (17)
4M8352A	Mazda (15,17)
4M8355A	Suzuki (5,10,14)
4M8379A	Toyota (10)
4M8424A	Toyota (38)
4M8468A	Toyota (28)
4M8468H	Toyota (28)
4M8468HX	Toyota (28)
4M8542A	Suzuki (9)
4M8545A	Suzuki (8)
4M8584A	Mitsubishi (24)
4M860A	Ford (88,118,119,120)
4M8725A	Mercedes Benz (5)
4M960A	General Motors (1,2,3,41,42,44)
	Jeep (3)
4SM2222H	Holden (18,19,20)
4SM2222HX	Holden (18,19,20)
5M1010A	Ford (91,109)
5M1010H	Ford (91,109)
5M1010HX	Ford (91,109)
5M1010P	Ford (91,109)
5M1020A	Fiat (33)
	Lancia (19)
5M1028A	Fiat (8,40,41)
	Lancia (3,23)
5M1038A	General Motors (51)

Main Bearing Set	
5M1038H	General Motors (51)
5M1038HX	General Motors (51)
5M1039A	Ford (101)
5M1039H	Ford (101)
5M1039HX	Ford (101)
5M1039P	Ford (101)
5M1041A	American Motors (1,2)
	Jeep (4)
5M1050A	General Motors (8)
5M1051A	Chrysler (26)
5M1053A	Alfa Romeo (10,11,12,13,14)
	Fiat (10,11,12,35,42)
	Lancia (2,20,27)
5M1084A	Ford (113)
5M1091A	Alfa Romeo (8)
	Jeep (15)
5M1093A	Alfa Romeo (7)
5M1102A	Toyota (71,79)
5M1103A	Toyota (14,29,71)
5M1112H	Alfa Romeo (1,2)
5M1112P	Alfa Romeo (1,2)
5M1117A	Ford (26,44)
5M1117H	Ford (26,44)
5M1117HX	Ford (26,44)
5M1117P	Ford (26,44)
5M1122A	Ford (83,89)
5M1124A	Hyundai (11)
	Mitsubishi (4,10,11)
5M1132A	Leyland (18)
5M1137A	Mitsubishi (14,30,48)
5M1139A	Mitsubishi (30,33)
5M1143A	Mitsubishi (30,33)
5M1144A	Hyundai (8)
	Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
5M1144H	Hyundai (8)
	Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
5M1144HX	Hyundai (8)
	Mitsubishi (8,12,18,29,31,32,34,35,42,47,52,53)
5M1147A	Mitsubishi (8,12,18,29,31,32,35,42,47,53)
5M1157A	Mazda (14)
5M1167A	Mazda (35,42)
5M1172A	Nissan (25)
5M1176A	Nissan (26,85)
5M1186A	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1186H	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1186HX	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1188A	Isuzu (44,46,47)

Main Bearing Set	
5M1193A	Isuzu (44,47)
5M1197P	Mitsubishi (9,50)
5M1198P	Hyundai (3)
	Mitsubishi (5,37,38,39,40,46)
5M1199P	Mitsubishi (5)
5M1202A	Hyundai (1)
5M1204A	Hyundai (5)
5M1213A	Hyundai (12)
	Mitsubishi (41,42,47,52,53)
5M1217A	Hyundai (8)
	Mitsubishi (8,18,29,31,34,35,42,47,52,53)
5M1218A	Hyundai (1)
5M1219A	Hyundai (14)
	Mitsubishi (41,47,53,54)
5M1219H	Mitsubishi (41,47,53,54)
5M1219HX	Mitsubishi (41,47,53,54)
5M1224A	Nissan (47)
5M1227A	Mitsubishi (3,48)
5M1228A	Mitsubishi (41,47,52,53)
5M1237H	Mitsubishi (7)
5M1237HX	Mitsubishi (7)
5M1238A	Mitsubishi (8,12,18,29,31,32,35,42,47,53)
5M1239A	Mitsubishi (14,30,48)
5M1247A	Nissan (85)
5M1252A	Hyundai (13)
5M1258A	Hyundai (6)
5M1258A+2T	Hyundai (6)
5M1259A	Hyundai (6)
5M1259A+2T	Hyundai (6)
5M1266A	Chrysler (26)
	Jeep (14)
5M1267A	Daewoo (3)
	General Motors (29)
5M1295H	Hyundai (4)
5M1295HX	Hyundai (4)
5M1298A	Nissan (39)
5M1322A	Isuzu (45,48)
5M1338A	Daewoo (4)
	Holden (4,11,17)
	Opel (1,2)
5M1342A	Opel (7,13)
5M1344A	Chrysler (25)
	Jeep (13)
5M1347P	Bedford (2)
	Vauxhall (1)
5M1362A	Toyota (67,98,119)
5M1369A	Nissan (52,53,54)
5M1382A	Daihatsu (8,11,14)
5M1392A	Daihatsu (8,14)
5M1397A	BMW (11)
5M1415A	General Motors (27)
5M1424A	General Motors (5)
5M1427P	Daihatsu (11)



# NUMERICAL LISTING - ENGINE GROUP

## Main Bearing Set

5M1429A	General Motors (5)
5M1432A	Ford (11,110)
5M1432H	Ford (11,110)
5M1432HX	Ford (11,110)
5M1433A	Leyland (6)
5M1438A	Nissan (7)
5M1439A	Nissan (87)
5M1442A	Fiat (7,36,38,39,47,50,51)
	Lancia (21,22)
5M1455A	Ford (45)
5M1457A	General Motors (4,45)
	Jeep (5)
5M1459A	BMW (21)
5M1518P	BMW (22)
5M1524A	General Motors (6)
5M1532A	BMW (9,10,17)
	Land Rover (10)
	Rover (4)
5M1532P	BMW (9,10,17)
	Land Rover (10)
	Rover (4)
5M1533A	Chrysler (3,5)
5M1538A	BMW (8)
5M1538H	BMW (8)
5M1538HX	BMW (8)
5M1538P	BMW (8)
5M1548A	BMW (2)
5M1557A	Ford (74)
5M1563P	General Motors (18)
5M1567A	General Motors (56)
5M1568A	American Motors (4)
	Jeep (2)
5M1596A	Ford (12,123)
5M1596P	Ford (12)
5M1618P	BMW (15)
5M1623A	Nissan (6)
5M1627A	Mazda (33,34,44)
5M1629A	Ford (31,114)
5M1633A	Nissan (16,36,49,65,66,67)
5M1633H	Nissan (16,36,49,65,66,67)
5M1633HX	Nissan (16,36,49,65,66,67)
5M1633P	Nissan (16,36,49,65,66,67)
5M1643A	Audi (1,14,22,37,44,45,46,47,48,49,50,63,65,80,81,82)
	Volkswagen (1,5,6,8,9,30,32,37,40,41,85,86,87,88,89,90,91,92,93,94,95,96,134,143)
5M1643P	Audi (1,14,22,37,44,45,46,47,48,49,50,63,65,80,81,82)
	Volkswagen (1,9,30,32,37,40,41,85,86,87,88,89,90,91,92,93,94,95,96,134,143)

## Main Bearing Set

5M1644A	Audi (1,2,3,14,22,32,33,34,35,45,46,47,49,58,59,65,80,81,87,88,89)
	Volkswagen (43,62,63,64,65,66,67,68,69,70,71,72,74,75,76,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,134,164,165)
5M1644H	Audi (1,2,3,14,22,32,33,34,35,45,46,47,49,58,59,65,80,81,87,88,89)
	Volkswagen (43,62,63,64,65,66,67,68,69,70,71,72,74,75,76,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,134,164,165)
5M1644HX	Audi (1,2,3,14,22,32,33,34,35,45,46,47,49,58,59,65,80,81,87,88,89)
	Volkswagen (43,62,63,64,65,66,67,68,69,70,71,72,74,75,76,85,86,87,88,89,90,91,92,93,94,95,96,97,98,106,107,108,109,113,134,164,165)
5M1645A	Audi (46)
	Volkswagen (9,30,32,37,41,87,88,89,90,91,92,93,143)
5M1648A	Audi (63,64)
	Volkswagen (4,10,11,13,20,21,25,167)
5M1653A	Audi (2,17,20,23,24,25,37,40,42,68,69,73,74,75,78,87,88,89)
	Volkswagen (14,15,24,31,33,34,35,36,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,58,65,71,72,73,74,75,76,77,79,80,82,107,108,109,113,125,135,142,166,167)
5M1653P	Audi (2,17,23,24,25,36,37,38,40,43,68,69,73,74,75,78,81,87,88,89)
	Volkswagen (14,15,24,31,33,34,35,36,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,58,65,71,72,73,74,75,76,77,79,80,82,107,108,109,125,135,142,166,167)
5M1654A	Audi (14,44,47,50,80,81,82)
	Volkswagen (1,2,3,5,6,8,9,30,32,33,34,35,37,38,40,41,58,87,88,89,90,91,92,93,143)
5M1654P	Audi (14,44,47,50,80,81,82)

## Main Bearing Set

	Volkswagen (1,9,30,32,37,40,41,87,88,89,90,91,92,93,143)
5M1664A	Ford (1,2)
5M1668A	Audi (2,17,18,19,20,21,36,37,38,39,40,43,78,79,83,89)
	Volkswagen (67,68,73,74,75,76,77,78,79,81,82,83,84,108,110,111,112,113,114,115,116,117,136,160,161,162,164,166)
5M1675A	Audi (63,64)
	Volkswagen (1,2,7,8,11,38)
5M1677A	Ford (47)
	Peugeot (6,7,8,9,10,27,28,29,38,53)
	Rover (7)
	Volvo (14)
5M1678A	Ford (1,2,63)
5M1689A	Toyota (8,15,16,103)
5M1695A	Toyota (1,2,32,78,124)
5M1695H	Toyota (1,2,32,78,124)
5M1695HX	Toyota (1,2,32,78,124)
5M1697A	Toyota (56,90)
5M1699A	Toyota (9,90)
5M1703A	Toyota (110,111,113)
5M1704A	Toyota (78,91)
5M1705A	Toyota (111,112,113,114,115)
5M1706A	Ford (27,28,112)
5M1707P	Audi (62)
5M1715A	Toyota (18,19)
5M1718A	Toyota (15,16)
5M1724A	Nissan (2)
5M1727A	Toyota (104,118)
5M1728A	Toyota (64,100,104,118)
5M1733A	General Motors (25,48)
	Jeep (11)
5M1737A	Mitsubishi (10,11,51)
5M1743A	Ford (25,26)
5M1743H	Ford (25,26)
5M1743HX	Ford (25,26)
5M1743P	Ford (25,26)
5M1747P	Mazda (38,39)
5M1748A	Kia (8)
	Mazda (40)
5M1777A	Mazda (23,41)
5M1778P	Mitsubishi (27,45)
5M1787A	Toyota (83,99,117)
5M1815A	Ford (72)
5M1817A	Isuzu (25)
5M1819A	Isuzu (26,27)
	Opel (14,15)
5M1824A	Honda (35)
	Isuzu (39)
5M1837A	Isuzu (1,15,28,52,53)
5M1837P	Isuzu (1,15,28,52,53)





## NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
5M1844A	Isuzu (3,22,23)
5M1847A	Isuzu (23)
5M1847P	Isuzu (23)
5M1848A	Isuzu (21,24,31,32)
5M1848P	Isuzu (21,24,31,32)
5M1852A	Toyota (4,107)
5M1853A	Toyota (58,60)
5M1857A	Toyota (59)
5M1857H	Toyota (59)
5M1857HX	Toyota (59)
5M1864A	Ford (81)
5M1867A	Isuzu (7,8,19)
5M1869A	Isuzu (8,19)
5M1882A	Isuzu (38)
5M1883A	Isuzu (2,4)
5M1884A	Isuzu (22,23)
5M1884P	Isuzu (22,23)
5M1885A	Isuzu (20,21,31,32,49)
5M1885P	Isuzu (20,21,31,32)
5M1887A	Isuzu (31,32,49)
5M1887P	Isuzu (31,32,49)
5M1892A	Isuzu (10)
5M1893A	Isuzu (6,18,29,30)
5M1894A	Isuzu (20,21,31,32)
5M1894P	Isuzu (20,21,31,32)
5M1909A	Honda (30)
5M1913H	Honda (14)
5M1913HX	Honda (14)
5M1913P	Honda (14)
5M1928A	Honda (8)
5M1932A	Honda (9,10,11,26,33,43,45)
5M1937A	Honda (15,16,18,19)
5M1947A	Honda (1,13,15,16,18,19,25,39,40,42)
5M1948A	Jeep (2)
5M1952A	Honda (13,25,40,42)
5M1957A	Honda (5,6,12,17,19,22,28)
5M1957H	Honda (5,6,12,17,19,22,27,28)
5M1957HX	Honda (5,6,12,17,19,22,27,28)
5M1957P	Honda (5,6,12,17,19,22,27,28)
5M1959A	Honda (2,3,4,20,21,31,38)
5M1959H	Honda (2,3,4,20,21,31,38)
5M1959HX	Honda (2,3,4,20,21,31,38)
5M1959P	Honda (2,3,4,20,21,31,38)
5M1979A	Honda (23)
5M1984A	Honda (32)
5M2007A	Ford (21,41,84)
5M2009A	General Motors (37)
5M2015H	Saab (4,5)
5M2015P	Saab (4,5)
5M2018P	Saab (3)
5M2028A	Chrysler (24)
5M2034P	Ford (123)

Main Bearing Set	
5M2056A	General Motors (34)
5M2091P	General Motors (18)
5M2104A	Ford (3,96)
5M2109P	Ford (91,109)
5M2134A	Kia (5) Mazda (27,30,37)
5M2152A	Ford (46,51,73,116)
5M2152H	Ford (32,46,51,73,116)
5M2152HX	Ford (32,46,51,73,116)
5M2152P	Ford (32,46,51,73,116)
5M2154A	Ford (55,57)
5M2155A	Ford (55,56)
5M2155P	Ford (55,56)
5M2167A	Ford (7,49,50,71,79,105)
5M2167H	Ford (7,49,50,71,79,105)
5M2167HX	Ford (7,49,50,71,79,105)
5M2167P	Ford (7,49,50,71,79,105)
5M2217A	General Motors (43) Land Rover (4) Rover (8) Triumph/Standard (5)
5M2220A	Chrysler (2) Jeep (9)
5M2220H	Chrysler (2) Jeep (9)
5M2220HX	Chrysler (2) Jeep (9)
5M2224A	General Motors (10)
5M2227	Leyland (19)
5M2232A	General Motors (9) Holden (12) Opel (8) Saab (2)
5M2255A	Leyland (4)
5M2276A	Ford (48,124)
5M2293A	Daewoo (2) Holden (7,9,10,15,23) Opel (3,10,29) Vauxhall (4)
5M2307P	Holden (25)
5M2325A	Daewoo (1) Holden (6,27) Isuzu (9) Opel (4,5,28)
5M2327A	Daewoo (2) General Motors (28) Holden (7,10,11,15,23,24,26) Opel (3,10,29) Vauxhall (4)
5M2329A	Daewoo (2) General Motors (28) Holden (7,10,11,15,23,24) Opel (3,10,29) Vauxhall (4)
5M2354	Holden (3)
5M2357	Holden (3)
5M2357H	Holden (3,21)

Main Bearing Set	
5M2357HX	Holden (3,21)
5M2413P	Opel (5,28)
5M2425A	Opel (21)
5M2514P	Mercedes Benz (42)
5M2519A	Mercedes Benz (7,38,39,40,41)
5M2519P	Mercedes Benz (7,38,39,40,41)
5M2524A	Mercedes Benz (1)
5M2557	Triumph/Standard (1)
5M2597P	Nissan (40)
5M2627A	Nissan (1)
5M2628A	Nissan (14)
5M2628A+2T	Nissan (14)
5M2635A	Nissan (41) Renault (39)
5M2665A	Nissan (37)
5M2678A	Nissan (27)
5M2694P	Land Rover (1,2,7,8) Rover (12)
5M2698A	Land Rover (1,2,6) Rover (10)
5M2698P	Land Rover (1,2,6) Rover (10)
5M2715A	Chrysler (26)
5M2727A	Volvo (4,22)
5M2729A	Volvo (4,22)
5M2734A	Peugeot (1,2,44,45)
5M2742A	Volvo (1,2,3,21)
5M2742P	Volvo (1,2,3,21)
5M2747A	Nissan (77)
5M2749A	Nissan (60,78,81)
5M2757A	Nissan (60,78,81)
5M2759A	Nissan (73)
5M2769A	Nissan (5)
5M2775A	Nissan (13,30,69)
5M2797A	Peugeot (24,54) Rover (6)
5M2797H	Peugeot (24,54) Rover (6)
5M2797HX	Peugeot (24,54) Rover (6)
5M2797P	Peugeot (24,54) Rover (6)
5M2809A	Isuzu (13,35)
5M2817A	Isuzu (5,13,14,33,34,35)
5M2826A	Alfa Romeo (17) Fiat (6,13,14,15,16,17,18,19,20,21,22,23,24) Lancia (5,6,7,8,9)
5M2834A	Alfa Romeo (15,16,18) Fiat (1,2,3,4,5,25,48,49) Lancia (1,10,11,12,29)
5M2867P	Mercedes Benz (55)
5M2869P	Mercedes Benz (55)
5M2870P	Mercedes Benz (19)



# NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
5M2873A	Mercedes Benz (1,4,22,23,30,44)
5M2884A	Alfa Romeo (20,22)
	Fiat (27)
	Lancia (15)
5M2885A	Fiat (26)
	Lancia (13,14)
5M2894A	Fiat (37)
	Opel (18)
5M2895A	Opel (19)
5M2905A	Nissan (29,31)
5M2905H	Nissan (29,31)
5M2905HX	Nissan (29,31)
5M2908H	Alfa Romeo (15,16,18)
	Fiat (1,2,3,4,5,25,48,49)
	Lancia (1,10,11,12,29)
5M2908HX	Alfa Romeo (15,16,18)
	Fiat (1,2,3,4,5,25,48,49)
	Lancia (1,10,11,12,29)
5M2915P	Nissan (4)
5M2918A	Mini (1)
5M2949A	Nissan (3)
5M2964A	Nissan (34)
5M2964H	Nissan (34)
5M2964HX	Nissan (34)
5M2964P	Nissan (34)
5M2965A	Nissan (12,51,57,58)
5M2965H	Nissan (12,27,51,57,58)
5M2965HX	Nissan (12,27,51,57,58)
5M2967A	Nissan (64)
5M2975H	Nissan (18)
5M2975HX	Nissan (18)
5M2995A	Nissan (35)
5M2995H	Nissan (35)
5M2995HX	Nissan (35)
5M2995P	Nissan (35)
5M3036A	Fiat (46)
	Lancia (25)
5M3037A	Fiat (46)
	Lancia (25)
5M3041A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
5M3044A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
5M3045A	Alfa Romeo (25)
	Fiat (45)
	Lancia (26)
5M3064A	Citroen (1,3)
	Fiat (34)
	Peugeot (41,42,43)
5M3065A	Peugeot (41,42)
5M429A	General Motors (16,53,54)
5M429H	General Motors (16,53,54)
5M429HX	General Motors (16,53,54)
5M4372A	Chrysler (24)

Main Bearing Set	
5M4375A	Ford (50,71)
5M4378A	Ford (62)
5M4386A	Ford (64)
5M483A	General Motors (57)
5M496A	General Motors (57)
5M5287A	Opel (11,12)
5M540A	Chrysler (19,25)
5M5466A	Ford (113)
5M5507A	Ford (65,66,67)
5M5533A	Audi (41,79)
	Volkswagen (78,129)
5M5540A	Audi (26,27,51,52,76,77)
	Volkswagen (55,57,99,100,101,122,123,124,125,126,127,128,148)
5M5540P	Audi (26,27,51,52,76,77)
	Volkswagen (55,57,99,100,101,122,123,124,125,126,127,128,148)
5M5543A	Audi (70,71,72)
	Volkswagen (12,14,15,16,17,18,19,20,21,22,23,24,26,27,28,29,144,146,147,150,151,167)
5M5645H	Ford (30)
5M5645HX	Ford (30)
5M5647A	Ford (10,20,21,42)
5M5647H	Ford (10,20,21,42)
5M5647HX	Ford (10,20,21,42)
5M590A	Ford (23)
5M590H	Ford (23)
5M590HX	Ford (23)
5M590P	Ford (23)
5M6162	Commer (1)
5M7124A	General Motors (7,36)
5M7141A	Ford (84)
5M7157A	General Motors (25)
5M7164A	General Motors (36)
5M7191A	Chrysler (17)
	Mitsubishi (6)
5M7193A	Ford (29,53)
	Mazda (47)
5M7214A	Chrysler (23)
	Jeep (8)
5M7214A+2T	Chrysler (23)
	Jeep (8)
5M7218A	General Motors (20)
5M7250A	Ford (54,125)
5M7253A	Ford (54,125)
5M7257A	Ford (35)
5M7264A	Ford (37)
5M7274P	Ford (68,69)
5M7274PO/S1.0	Ford (68,69)
5M7282A	General Motors (38)
5M7285A	General Motors (39)
5M7288A	General Motors (40)
5M7296A	Ford (9,14)
5M7296H	Ford (9,14)

Main Bearing Set	
5M7296HX	Ford (9,14)
5M7297A	Holden (8,28)
	HSV (1)
5M7297H	Holden (8,28)
	HSV (1,2)
5M7297HX	Holden (8,28)
	HSV (1,2)
5M7298A	General Motors (15,17)
5M7298H	General Motors (15,17)
5M7298HX	General Motors (15,17)
5M7313A	Chrysler (4)
	Jeep (10)
5M7703A	Peugeot (11,12,52)
5M7704A	Peugeot (11,12,13,14,15,52)
5M7705A	Peugeot (18,21,37)
	Renault (18)
5M7708A	Peugeot (16,17,19,20,21,22,23)
5M7723A	Peugeot (16,17,19,20,21,22)
5M7725A	Peugeot (16,17,19,20,21,22)
5M7728A	Peugeot (16,17,19,20,21,22)
5M7733A	Peugeot (35,36)
5M7738A	Peugeot (26)
5M7742A	Peugeot (13)
5M7743A	Peugeot (11,13)
5M7744A	Peugeot (11)
5M7752A	Ford (52)
	Peugeot (2,45,46)
5M7756A	Peugeot (47)
5M7765A	Peugeot (48)
5M7768A	Citroen (5)
	Peugeot (49)
5M7772A	Citroen (4)
	Ford (33,34)
	Peugeot (39,40)
	Volvo (19)
5M7803A	Renault (12,15,21,25)
5M7804A	Peugeot (51)
	Renault (11,12,15,21)
5M7807A	Renault (6,7,8,13,14,19,20,22)
	Volvo (9,10,11,12)
5M7807H	Renault (6,7,8,13,14,19,20,22)
	Volvo (9,10,11,12)
5M7807HX	Renault (6,7,8,13,14,19,20,22)
	Volvo (9,10,11,12)
5M7808P	Opel (23,24,25)
	Renault (7,8,10,13,14,23)
5M7817A	Renault (17)
5M7850A	Renault (28,31,32)
5M7864A	Renault (27,41)
5M7865A	Renault (26)
5M7866A	Renault (3,17)
5M7868A	Renault (26)
5M7875A	Renault (9)





## NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
5M7884A	Renault (29) Volvo (15,23)
5M7888P	Opel (26) Renault (33)
5M7894A	Peugeot (4,5)
5M7899A	Peugeot (5,30,31,32)
5M7904A	Renault (1,2,40) Volvo (7)
5M7909A	Renault (1,5,16,40) Volvo (6)
5M7915A	Peugeot (4,5,31,32)
5M7946P	Renault (35,36,37)
5M7948P	Renault (35,36,37)
5M7956P	Peugeot (50) Renault (35,36,38)
5M8017A	Daihatsu (12)
5M8037A	Mitsubishi (26,43,44)
5M8037H	Mitsubishi (26,43,44)
5M8039A	Mitsubishi (19)
5M804A	General Motors (60,63)
5M805A	General Motors (59,61,62,64)
5M8088H	Toyota (54,55)
5M8088HX	Toyota (54,55)
5M8088P	Toyota (54,55)
5M8092A	Toyota (54)
5M8102A	Renault (24)
5M8133A	Kia (4) Mazda (13,18,20)
5M8134A	Mazda (20)
5M8137A	Mazda (20)
5M8138A	Mazda (22)
5M8142A	Kia (10)
5M8174A	Ford (4,5) Mazda (2,3,10)
5M8184A	Toyota (40)
5M8185A	Toyota (40,47)
5M8214A	Toyota (57)
5M8226A	BMW (16) Toyota (34)
5M8242A	Ford (16,17) Mazda (1,6,7,29)
5M8254P	Toyota (30)
5M8258A	Toyota (67,98)
5M8282A	Toyota (77)
5M8297A	Subaru (4,5,15)
5M8297H	Subaru (4,5,14,15)
5M8297HX	Subaru (4,5,14,15)
5M8297P	Subaru (4,5,14,15)
5M829A	General Motors (46,47)
5M829H	General Motors (46,47)
5M829HX	General Motors (46,47)
5M829P	General Motors (46,47)
5M8302A	Mazda (21)
5M8307A	Suzuki (6)
5M8309A	Subaru (5,14,15,17)
5M8309H	Subaru (5,14,15,17)
5M8309HX	Subaru (5,14,15,17)

Main Bearing Set	
5M8309P	Subaru (5,14,15,17)
5M8312A	Subaru (6) Toyota (33)
5M8329A	Subaru (9)
5M8334A	Mazda (4,42)
5M8335A	Mazda (36)
5M8337A	Suzuki (1,16)
5M8337H	Suzuki (1,16)
5M8337HX	Suzuki (1,16)
5M8339A	Suzuki (11)
5M8342A	Suzuki (13)
5M8353A	Ford (78) Kia (1,2,3,9) Mazda (5,8,9,11,12,24,25,26)
5M8353H	Ford (78) Kia (1,2,3,9) Mazda (5,8,9,11,12,24,25,26)
5M8353HX	Ford (78) Kia (1,2,3,9) Mazda (5,8,9,11,12,24,25,26)
5M8354A	Kia (1) Mazda (8,19,24,26)
5M8361A	Toyota (20,69,82,85,86,102,116)
5M8361H	Toyota (20,69,82,85,86,102,116)
5M8361HX	Toyota (20,69,82,85,86,102,116)
5M8368A	Toyota (45)
5M8372A	Toyota (12,92,93)
5M8373A	Toyota (12,92)
5M8374A	Toyota (3,83,87,88,94,117)
5M8378A	Toyota (11,17,84,101)
5M8382A	Toyota (13)
5M8392A	Toyota (74)
5M8399A	Toyota (12,63,92)
5M8404A	Toyota (35)
5M8404A+2T	Toyota (35)
5M8409A	Toyota (39)
5M8412A	Toyota (25)
5M8412H	Toyota (25)
5M8412HX	Toyota (25)
5M8423A	Toyota (6,7)
5M8426A	Daihatsu (2)
5M8429A	Toyota (37)
5M8438A	Daihatsu (3) Toyota (36)
5M8439P	Toyota (41)
5M8443A	Suzuki (2)
5M8443H	Suzuki (2)
5M8443HX	Suzuki (2)
5M8444A	Suzuki (7)
5M8458A	Toyota (26,27)
5M8480A	Toyota (46)
5M8487A	Toyota (42)
5M8488A	Toyota (42)
5M8494A	Toyota (48)

Main Bearing Set	
5M8495A	Toyota (49)
5M8511A	General Motors (35)
5M8548A	Mazda (46)
5M8551A	Mazda (16)
5M8562A	Isuzu (16,17)
5M8565A	Mitsubishi (20)
5M8572A	Nissan (16,36,49,65,66,67)
5M8584A	Mitsubishi (25)
5M8590A	Mitsubishi (49)
5M8594A	Hyundai (9)
5M8596A	Hyundai (10)
5M8601A	Kia (7)
5M8602A	Kia (6)
5M863A	Ford (40)
5M8702D	Mercedes Benz (35,43)
5M8702P	Mercedes Benz (35,43)
5M8708P	Mercedes Benz (8,49)
5M8713P	Mercedes Benz (9)
5M8718A	Mercedes Benz (14,15)
5M8719A	Mercedes Benz (16)
5M8722A	Mercedes Benz (13,46)
5M8725A	Mercedes Benz (54)
5M8737A	Mercedes Benz (38,39)
5M876A	Chrysler (12)
5M877A	Chrysler (13)
5M909A	General Motors (14)
5M909H	General Motors (14)
5M909HX	General Motors (14)
5M909P	General Motors (14)
5M981A	Ford (11,110)
5M9922A	Land Rover (3) Rover (2,3)
5M9953A	Land Rover (11) Rover (1)
5M9966A	Land Rover (5) Rover (9)
6M1604A	Audi (4,5,6,7,8,9,10,11,12,13,15,16,28,30,31,53,54,55,56,57) Volkswagen (61,102,103,104,105,156)
6M1604P	Audi (4,5,6,7,8,9,10,11,12,13,15,16,28,30,31,53,54,55,56,57) Volkswagen (60,61,102,103,104,105,156)
6M1605A	Audi (12,15,29,30,31,56)
6M1605P	Audi (12,15,16,29,30,31,56) Volkswagen (59)
6M1944A	Honda (36)
6M2200P	Chrysler (15)
6M2224A	General Motors (24)
6M2873A	Mercedes Benz (24,25,26,27,31,32,45) Ssangyong (1)
6M2885A	Alfa Romeo (24) Fiat (29,30,31,32) Lancia (17,18,28)



# NUMERICAL LISTING - ENGINE GROUP

Main Bearing Set	
6M5532A	Volkswagen (130)
6M5558P	Volkswagen (149)
6M7296A	Ford (13,38)
6M7884A	Renault (30)
	Volvo (16,17,18)
6M8397A	Toyota (108)
6M8702D	Mercedes Benz (36)
6M8702P	Mercedes Benz (36)
6M8737A	Mercedes Benz (40,41)
6M9952A	Land Rover (9)
7DM1304P	Nissan (82)
7M1122A	Ford (99)
7M1132A	Leyland (10)
7M1164A	Toyota (65,66,70,80)
7M1165A	Toyota (66,122,123)
7M1172A	Nissan (70,71,79)
7M1199P	Mitsubishi (16)
7M1232P	Mitsubishi (1,15)
7M1305P	Nissan (84)
7M1342A	Opel (17)
7M1357P	Toyota (95,121)
7M1388A	Toyota (89,97,120)
7M1389A	Ford (24)
7M1397A	BMW (14)
7M1507A	BMW (1)
7M1507P	BMW (1)
7M1518P	BMW (23)
7M1532A	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1532H	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1532HX	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1532P	BMW (3,4,5,6,12,20,24,25,26)
	Opel (27)
	Rover (11)
7M1539A	BMW (12)
7M1539P	BMW (12)
7M1588P	BMW (18,19)
7M1604A	Volkswagen (138)
	Volvo (13)
7M1604P	Volkswagen (138)
	Volvo (13)
7M1605A	Volkswagen (138)
	Volvo (13)
7M1605P	Volkswagen (138)
	Volvo (13)
7M1747P	Mazda (28)
7M1837P	Isuzu (11,54)
7M1864	Ford (82,106,108)

Main Bearing Set	
7M1884P	Isuzu (37,40,41,42,51)
7M1885P	Isuzu (50)
7M1887P	Isuzu (12,40,41,50)
7M1888P	Isuzu (40,41,51)
7M1889P	Isuzu (42)
7M2092H	Ford (70,102,111)
7M2092HX	Ford (70,102,111)
7M2092P	Ford (70,102,111)
7M2104A	Ford (103,104)
7M2126A	Ford (24,80,90)
7M2158H	Ford (85,86,87,95,97,98,111)
7M2158HX	Ford (85,86,87,95,97,98,111)
7M2158P	Ford (85,86,87,95,97,98,111)
7M2188P	Ford (87,97,98)
7M2224A	General Motors (13)
7M2316	Bedford (4,5)
7M2337	Bedford (6,7)
7M2384H	Holden (1)
7M2384HX	Holden (1)
7M2384P	Holden (1)
7M2392	Bedford (3)
7M2394A	Nissan (15,17,48,80,86,88)
7M2394H	Nissan (15,17,48,80,86,88)
7M2394HX	Nissan (15,17,48,80,86,88)
7M2394P	Nissan (15,17,48,80,86,88)
7M2398H	Holden (2)
7M2398HX	Holden (2)
7M2398P	Holden (2)
7M2428A	Nissan (83)
7M2428H	Nissan (83)
7M2428HX	Nissan (83)
7M2527A	Mercedes Benz (3)
7M2527P	Mercedes Benz (3)
7M2717P	Nissan (9,10,11)
7M2742A	Volvo (5,20)
7M2742P	Volvo (5,20)
7M2784	Leyland (1,2,3)
7M2867P	Mercedes Benz (18)
7M2869P	Mercedes Benz (18)
7M2870P	Mercedes Benz (20)
7M2873A	Mercedes Benz (2,28,29,33,34,48)
7M2878P	Mercedes Benz (12)
7M2880A	Mercedes Benz (3,6)
7M2880P	Mercedes Benz (3,6)
7M2882P	Rover (13)
7M2953A	Nissan (19,62)
7M2965H	Nissan (45,59)
7M2965HX	Nissan (45,59)
7M2965P	Nissan (45,59)
7M2996	Jaguar (3)
7M2997	Jaguar (2)
7M4644A	Chrysler (22)
7M5532A	Audi (60,61)
	Volkswagen (131,132,133)
7M5532H	Audi (60,61)
	Volkswagen (131,132,133)

Main Bearing Set	
7M5532HX	Audi (60,61)
	Volkswagen (131,132,133)
7M5569A	Volkswagen (163)
7M617A	Bedford (3)
	General Motors (26,52,55)
7M704A	American Motors (3)
	Jeep (6,16)
7M7232A	General Motors (33)
7M7884A	Volvo (8)
7M7989A	Toyota (109)
7M7989H	Toyota (109)
7M7989HX	Toyota (109)
7M8103A	Toyota (61)
7M8103H	Toyota (61)
7M8103HX	Toyota (61)
7M8103P	Toyota (61)
7M8397A	Toyota (5,105,106)
7M8397H	Toyota (5,105,106)
7M8397HX	Toyota (5,105,106)
7M8474A	Toyota (43)
7M8475A	Toyota (43,44,53)
7M8476A	Toyota (62)
7M8494A	Toyota (50)
7M8495A	Toyota (51)
7M8702D	Mercedes Benz (37)
7M8702P	Mercedes Benz (37)
7M8732P	Mercedes Benz (52)
7M8874A	Jeep (16)
7M979A	Ford (22,93,100)
7M979P	Ford (22,93,100)

Piston Pin Bush	
3RB4075	Suzuki (10,14,17)
4RB4007	Volkswagen (39)
4RB4008	Toyota (65,66,70,80,122,123)
4RB4010	Mercedes Benz (7,38,39,42)
4RB4013	Isuzu (45)
4RB4017	Mazda (33,34,43,44,45)
4RB4022	Daihatsu (11,14)
4RB4023	Toyota (97,98,120)
4RB4024	Mazda (14,35,42)
4RB4028	Toyota (9,56,90,110,111,112,113,114,115)
4RB4037	Toyota (14,71,79)
4RB4040	Toyota (68)
4RB4051	Subaru (1,2,10,11,12)
4RB4058	Isuzu (44,48)
4RB4059	Mazda (23,38,39)
4RB4065	Toyota (99,117)
4RB4066	Nissan (9,10,11)
4RB4068	Kia (8)
	Mazda (40)
4RB4069	Mitsubishi (5,38)
4RB4070	Toyota (97)
4RB4072	Isuzu (4)
4RB4073	Isuzu (3,21,22,23,24,31)





# NUMERICAL LISTING - ENGINE GROUP

Piston Pin Bush	
4RB4075	Suzuki (13)
4RB4076	Toyota (83,94)
4RB4077	Mazda (30,37)
4RB4078	Mazda (41)
4RB4080	Toyota (100,104)
4RB4081	Nissan (52,53,54)
4RB4082	Toyota (88)
4RB4087	Toyota (20,69,82,85,86)
4RB4088	Kia (7)
	Mazda (23)
4RB4090	Toyota (106)
4RB4091	Hyundai (13)
	Mitsubishi (48)
4RB4093	Toyota (64,100)
4RB4094	Daihatsu (8,14)
4RB4095	Toyota (83,87,88)
4RB4096	Nissan (52)
4RB4097	Toyota (12,63,92)
4RB4100	Toyota (104)
4RB4101	Nissan (57)
4RB4102	Nissan (85)
4RB4103	Isuzu (10,29)
4RB4104	Isuzu (30)
4RB4105	Nissan (77)
4RB4107	Nissan (3)
4RB4108	Kia (3)
	Mazda (11,12,26)
4RB4111	Mazda (1,29)
4RB4112	Nissan (58)
4RB4118	Isuzu (25)
4RB4123	Peugeot (8,53)
4RB4134	Renault (28,32)
4RB4145	Daihatsu (8,14)
4RB4147	BMW (9)
4RB4148	BMW (10)
	Land Rover (10)
	Rover (4)
4RB4149	BMW (17)
4RB4150	BMW (2)
4RB4152	BMW (11)
4RB4162	Fiat
	(7,8,14,16,18,19,33,36,38,39,40,41,42,47,50,51)
	Lancia (2,3,10,19,21,22,23)
4RB4164	Fiat (37)
	Opel (18)
4RB4166	Ford (34)
	Peugeot (39)
4RB4167	Audi (25,26,69)
	Volkswagen
	(42,45,48,50,66,122,123)
4RB4168	Audi (23,24,25,27,73,75,76)
	Volkswagen
	(43,44,46,47,48,54,56,57,123,126)
4RB4169	Audi (63,64)
	Volkswagen
	(2,3,7,8,10,11,144,146,147)

Piston Pin Bush	
4RB4170	Audi
	(1,8,9,11,22,32,33,45,46,47,48,49,50,54,55,56,65)
	Volkswagen
	(5,6,64,65,67,85,86,87,88,89,90,91,92,93,94,95,96,98,134,164)
4RB4171	Audi
	(2,3,4,11,17,20,21,28,34,35,36,37,38,39,40,42,43,53,78,79,87,88,89)
	Volkswagen
	(62,63,64,65,67,68,69,70,71,72,73,74,75,76,77,78,79,80,83,84,90,91,93,94,95,96,106,115,134,136,147,161,164,165,166)
4RB4172	Audi (68,80,81)
	Volkswagen
	(31,33,34,35,36,38,58)
4RB4173	Audi (34,59)
	Volkswagen
	(106,107,108,109,113,114,165)
4RB4174	Audi (70,72)
	Volkswagen
	(14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,135,137,144,146,147,159,167)
4RB4176	Volkswagen (144,145)
4RB4178	Volkswagen (83,116,160,162)
4RB4182	Renault (31)
4RB4185	Opel (24)
	Renault (13)
	Volvo (12)
4RB4188	Peugeot (50)
	Renault (35,36,37,38)
4RB4189	Renault (38)
4RB4200	Peugeot (28)
	Volvo (14)
4RB4203	Ford (52)
	Peugeot (46)
4RB4204	Peugeot (1,2,44)
4RB4208	Ford (52)
	Peugeot (2,44,45)
4RB4210	Ford (1,2)
4RB4211	Ford (64,65,66,67)
	Mercedes Benz (35)
4RB4212	Mercedes Benz (1)
4RB4213	Mercedes Benz (1,4)
4RB4224	Honda (20,38)
4RB4227	Mercedes Benz (22,23)
4RB4228	Mercedes Benz (22,23)
4RB4231	Mercedes Benz (43)
4RB4232	Isuzu (27)
	Opel (14,15)
4RB4233	Subaru (4,5,14,15,17)
4RB4235	Toyota (7)
4RB4236	Toyota (58,59)
4RB4238	Toyota (17)

Piston Pin Bush	
4RB4244	Toyota (67,98,119)
4RB4245	Toyota (61)
4RB4246	Toyota (1,32)
4RB4247	Toyota (12,92,93)
4RB4250	Toyota (107)
4RB4251	Toyota (4)
4RB4252	Toyota (104,118)
4RB4254	Toyota (45)
4RB4255	Toyota (46)
4RB4256	Toyota (41)
4RB4257	Toyota (11,84,101)
4RB4258	Toyota (42)
4RB4259	Toyota (48)
4RB4260	Mazda (46)
4RB4261	Mazda (36)
4RB4262	Mazda (27,30)
4RB4263	Mazda (6)
4RB4264	Mazda (39)
4RB4265	Nissan (49)
4RB4266	Nissan (65)
4RB4267	Nissan (66)
4RB4268	Nissan (47)
4RB4269	Nissan (73,78)
4RB4270	Nissan (85)
4RB4274	Nissan (34)
4RB4277	Nissan (1)
4RB4278	Nissan (14)
4RB4280	Nissan (27)
4RB4281	Nissan (27)
4RB4282	Nissan (51)
4RB4283	Isuzu (44,46,47,48)
4RB4284	Isuzu (46,47)
4RB4285	Isuzu (32,49)
4RB4286	Isuzu (20,49)
4RB4288	Isuzu (5,33)
4RB4289	Isuzu (26)
4RB4290	Isuzu (2)
4RB4291	Isuzu (1,28,52)
4RB4292	Isuzu (15,53)
4RB4293	Mitsubishi (45)
4RB4294	Mitsubishi (27)
4RB4295	Mitsubishi (13)
4RB4296	Mitsubishi (3)
4RB4297	Mitsubishi (8)
4RB910	Toyota (81)
5RB4090	Toyota (108)
5RB4167	Audi (12,13)
	Volkswagen (61,102)
5RB4227	Mercedes Benz (24,25,26,27)
5RB4231	Mercedes Benz (36)
6RB4028	Toyota (72)
6RB4059	Mazda (28)
6RB4073	Isuzu (37,40,41,42,51)
6RB4074	Nissan (15,21,48,83,88)
6RB4096	Nissan (55,56)
6RB4098	Toyota (109)
6RB4101	Nissan (59)



# NUMERICAL LISTING - ENGINE GROUP

Piston Pin Bush	
6RB4102	Nissan (79)
6RB4109	Toyota (21,76)
6RB4110	Nissan (86)
6RB4112	Nissan (45,59)
6RB4128	Nissan (44)
6RB4141	BMW (12)
6RB4146	BMW (12)
6RB4147	BMW (6)
6RB4148	BMW (4,18)
	Opel (27)
	Rover (11)
6RB4150	BMW (1)
6RB4151	BMW (3)
6RB4152	BMW (14)
6RB4172	Volkswagen (138)
	Volvo (13)
6RB4175	Audi (85,86)
	Volkswagen (157)
6RB4190	Nissan (23)
6RB4191	Nissan (22)
6RB4213	Mercedes Benz (2)
6RB4214	Mercedes Benz (3,53)
6RB4227	Mercedes Benz (28,29)
6RB4231	Mercedes Benz (37)
6RB4234	Subaru (8)
6RB4239	Toyota (43)
6RB4240	Toyota (43,53,62)
6RB4241	Toyota (44,53,62)
6RB4242	Toyota (89)
6RB4243	Toyota (5,105)
6RB4248	Toyota (95,121)
6RB4249	Toyota (95)
6RB4253	Toyota (10)
6RB4259	Toyota (50)
6RB4270	Nissan (79)
6RB4271	Nissan (80)
6RB4272	Nissan (17)
6RB4273	Nissan (19,43,62)
6RB4275	Nissan (20)
6RB4276	Nissan (24)
6RB4287	Isuzu (12,50)
8RB4113	Ford (9,14,20,21,42,84)
8RB4237	Toyota (54,55)
8RB4279	Nissan (40)
RB2134Y	Chrysler (20,21)
RB3049YA20	General Motors (61)
RB3664	General Motors (10,13,24)
RB3864Y20	General Motors (18)
RB4002	Daihatsu (11)
RB4007	Volkswagen (39,118)
RB4008	Toyota (65,66,70,80,122,123)
RB4010	Mercedes Benz (7,38,39,40,42)
RB4011	Leyland (2,3)
RB4012	Leyland (4)
RB4013	Isuzu (45)
RB4015	Ford (6,89)

Piston Pin Bush	
RB4016	Bedford (6)
RB4017	Mazda (33,34,43,44,45)
RB4020	Mercedes Benz (17,18,19,20,21,55)
RB4022	Daihatsu (11,14)
RB4023	Toyota (97,120)
RB4024	Mazda (14,35,42)
RB4028	Nissan (72,81)
	Toyota (9,56,72,90,110,111,112,113,114,115)
RB4036	Land Rover (1,6,8)
RB4040	Toyota (68)
RB4042	Volkswagen (119,120)
RB4043	Ford (81,82,106)
RB4051	Subaru (1,2,10,11,12)
RB4053	Audi (5,6,7,10,14,15,16,29,30,31,44,82)
	Volkswagen (5,9,30,32,37,40,41,59,60,97)
RB4058	Isuzu (44,48)
RB4059	Mazda (23,28,38,39)
RB4063	Bedford (7)
RB4065	Toyota (99,117)
RB4068	Kia (8)
	Mazda (40)
RB4070	Toyota (97)
RB4071	Volvo (1,3)
RB4072	Isuzu (4)
RB4073	Isuzu (3,21,22,23,24,31,37,40,41,42,51)
RB4074	Nissan (15,21,48,83,88)
RB4075	Suzuki (10,13,14,17)
RB4076	Toyota (83,94)
RB4077	Mazda (30,37)
RB4078	Mazda (41)
RB4080	Toyota (100,104)
RB4081	Nissan (52,53,54)
RB4082	Toyota (88)
RB4087	Toyota (20,69,82,85,86)
RB4088	Kia (7)
	Mazda (23)
RB4090	Toyota (106,108)
RB4091	Mitsubishi (48)
RB4093	Toyota (64,100)
RB4094	Daihatsu (8,14)
RB4095	Toyota (83,87,88)
RB4096	Nissan (52,55,56)
RB4097	Toyota (12,63,92)
RB4098	Toyota (109)
RB4100	Toyota (104)
RB4101	Nissan (57,59)
RB4102	Nissan (79,85)
RB4103	Isuzu (10,29)
RB4104	Isuzu (30)
RB4105	Nissan (77)

Piston Pin Bush	
RB4106	General Motors (3)
	Holden (19)
RB4106-R	General Motors (3)
	Holden (19)
RB4107	Nissan (3)
RB4108	Kia (3)
	Mazda (11,12,26)
RB4109	Toyota (21,76)
RB4110	Nissan (86)
RB4111	Mazda (1,29)
RB4112	Nissan (45,58,59)
RB4113	Ford (9,14,20,21,42,84)
RB4114	Ford (15)
	Jaguar (1)
	Mazda (48)
RB4118	Isuzu (25)
RB4119	Opel (11,12)
RB4121	Renault (12,25)
RB4122	Opel (25)
	Renault (8,9,10,19,20)
RB4123	Peugeot (6,8,53)
RB4124	Ford (70)
RB4125	Subaru (5,17)
RB4128	Nissan (44)
RB4134	Renault (28,32)
RB4140	Audi (60,61)
	Volkswagen (130,131,132)
RB4141	BMW (8,12)
RB4143	Toyota (30)
RB4145	Daihatsu (14)
RB4146	BMW (12)
RB4147	BMW (6,9)
RB4148	BMW (4,10,18)
	Land Rover (10)
	Opel (27)
	Rover (4,11)
RB4149	BMW (17)
RB4150	BMW (1,2)
RB4151	BMW (3)
RB4152	BMW (11,14)
RB4153	Alfa Romeo (1,2,3,4)
	Fiat (9)
	Lancia (4)
RB4154	Alfa Romeo (5,6,7,8)
	Jeep (15)
	Rover (5)
RB4155	Alfa Romeo (9)
RB4156	Alfa Romeo (10,11,12,13,14)
	Fiat (10,31,32,35)
	Lancia (18,20,27,28)
RB4157	Alfa Romeo (15)
	Fiat (1,20)
	Lancia (11,29)
RB4158	Alfa Romeo (17)
	Fiat (17,25)
	Lancia (11,29)
RB4159	Alfa Romeo (16,18)





# NUMERICAL LISTING - ENGINE GROUP

Piston Pin Bush	
RB4159	Fiat (4,5,6,15,19,21,23,24,49) Lancia (1,7,8,9,12)
RB4160	Alfa Romeo (20,21,23,24) Fiat (2,11,26,27,28,29,30) Lancia (13,14,15,16,17)
RB4161	Fiat (3,20) Lancia (11,29)
RB4162	Fiat (7,8,13,14,16,18,19,33,36,38,39,40,41,42,47,50,51) Lancia (2,3,5,6,7,10,19,21,22,23)
RB4163	Fiat (22)
RB4164	Fiat (37) Opel (18)
RB4165	Citroen (1,2) Fiat (34) Peugeot (41)
RB4166	Citroen (4) Ford (34) Peugeot (39)
RB4167	Audi (12,13,25,26,69) Volkswagen (42,45,48,50,61,66,102,122,123)
RB4168	Audi (23,24,25,27,73,75,76) Volkswagen (43,44,46,47,48,54,56,57,105,123,126)
RB4169	Audi (63,64) Volkswagen (2,3,7,8,10,11,144,146,147)
RB4170	Audi (1,8,9,11,22,32,33,45,46,47,48,49,50,54,55,56,65) Volkswagen (5,6,64,65,67,85,86,87,88,89,90,91,92,93,94,95,96,98,103,104,134,164)
RB4171	Audi (2,3,4,11,17,20,21,28,34,35,36,37,38,39,40,42,43,53,78,79,87,88,89) Volkswagen (62,63,64,65,67,68,69,70,71,72,73,74,75,76,77,78,79,80,83,84,90,91,93,94,95,96,106,115,134,136,147,161,164,165,166)
RB4172	Audi (68,80,81) Volkswagen (31,33,34,35,36,38,58,138) Volvo (13)
RB4173	Audi (34,59) Volkswagen (106,107,108,109,113,114,165)
RB4174	Audi (70,72)

Piston Pin Bush	
	Volkswagen (14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,135,137,144,146,147,159,167)
RB4175	Audi (85,86) Volkswagen (157)
RB4176	Volkswagen (144,145)
RB4177	Volkswagen (28,29)
RB4178	Volkswagen (83,116,160,162)
RB4180	Renault (29,30) Volvo (8,15,16,17,18,23)
RB4181	Renault (15)
RB4182	Renault (31)
RB4183	Opel (26) Renault (33)
RB4184	Opel (23) Renault (23)
RB4185	Opel (24) Renault (13) Volvo (12)
RB4186	Renault (14,22)
RB4187	Renault (27)
RB4188	Peugeot (50) Renault (35,36,37,38)
RB4189	Renault (38)
RB4190	Nissan (23)
RB4191	Nissan (22)
RB4197	Peugeot (4,5,30,32)
RB4198	Peugeot (36)
RB4199	Peugeot (54) Rover (6)
RB4200	Peugeot (28) Volvo (14)
RB4201	Peugeot (7,38) Rover (7)
RB4202	Ford (33) Peugeot (40) Volvo (19)
RB4203	Ford (52) Peugeot (46)
RB4204	Peugeot (1,2,44)
RB4205	Peugeot (47,48)
RB4206	Peugeot (53)
RB4207	Peugeot (29)
RB4208	Ford (52) Peugeot (2,44,45)
RB4209	Saab (3,4)
RB4210	Ford (1,2)
RB4211	Ford (64,65,66,67)
RB4215	Mercedes Benz (6)
RB4216	Mercedes Benz (8)
RB4217	Mercedes Benz (8)
RB4218	Mercedes Benz (16)
RB4219	Mercedes Benz (14)
RB4220	Mercedes Benz (15)
RB4221	Mercedes Benz (13)
RB4222	Mercedes Benz (46)

Piston Pin Bush	
RB4223	General Motors (38)
RB4225	Mercedes Benz (24,25,26,27,28,29,30,31,32,33,34,44,45)
RB4226	Mercedes Benz (30,31,32,33,34)
RB4227	Mercedes Benz (22,23,24,25,26,27,28,29)
RB4228	Mercedes Benz (22,23)
RB4229	Mercedes Benz (24,25,26,27,28,29)
RB4230	Ford (12)
RB4232	Isuzu (27) Opel (14)
RB4233	Subaru (4,5,14,15,17)
RB4234	Subaru (8)
RB4235	Toyota (7)
RB4236	Toyota (58,59)
RB4237	Toyota (54,55)
RB4238	Toyota (17)
RB4239	Toyota (43)
RB4240	Toyota (43,53,62)
RB4241	Toyota (44,53,62)
RB4242	Toyota (89)
RB4243	Toyota (5,105)
RB4244	Toyota (67,98,119)
RB4245	Toyota (61)
RB4246	Toyota (1,32)
RB4247	Toyota (12,92,93)
RB4248	Toyota (95,121)
RB4249	Toyota (95)
RB4250	Toyota (107)
RB4251	Toyota (4)
RB4252	Toyota (104,118)
RB4253	Toyota (10)
RB4254	Toyota (45)
RB4255	Toyota (46)
RB4256	Toyota (41)
RB4257	Toyota (11,84,101)
RB4258	Toyota (42)
RB4259	Toyota (48,50)
RB4260	Mazda (46)
RB4261	Mazda (36)
RB4262	Mazda (27,30)
RB4263	Mazda (6)
RB4264	Mazda (39)
RB4265	Nissan (49)
RB4266	Nissan (65)
RB4267	Nissan (66)
RB4268	Nissan (47)
RB4269	Nissan (73,78)
RB4270	Nissan (79,85)
RB4271	Nissan (80)
RB4272	Nissan (17)
RB4273	Nissan (19,43,62)
RB4274	Nissan (34)
RB4275	Nissan (20)



# NUMERICAL LISTING - ENGINE GROUP

## Piston Pin Bush

RB4276	Nissan (24)
RB4277	Nissan (1)
RB4278	Nissan (14)
RB4279	Nissan (40)
RB4280	Nissan (27)
RB4281	Nissan (27)
RB4282	Nissan (51)
RB4283	Isuzu (44,46,47,48)
RB4284	Isuzu (46,47)
RB4285	Isuzu (32,49)
RB4286	Isuzu (20,49)
RB4287	Isuzu (12,50)
RB4288	Isuzu (5,33)
RB4289	Isuzu (26)
RB4290	Isuzu (2)
RB4291	Isuzu (1,28,52)
RB4292	Isuzu (15,53)
RB4293	Mitsubishi (45)
RB4294	Mitsubishi (27)
RB4295	Mitsubishi (13)
RB4296	Mitsubishi (3)
RB4297	Mitsubishi (8)
RB4298	Volvo (8,16,17,18)
RB4299	Volvo (4)
RB4300	Volvo (2,5,20,21)
RB4305	Isuzu (7,8)
RB792	Ford (96,104,108)
RB808	Holden (13)
RB843	Leyland (11,12,16)
RB850	Rover (13)
RB860	Leyland (10,18)
RB875	Jaguar (2,3)
	Leyland (20)
	Triumph/Standard (3)
RB876	Holden (13)
RB882	Bedford (4)
RB883	Land Rover (2,7)
	Rover (10,12)
RB889	Bedford (2)
	Vauxhall (1)
RB890	Triumph/Standard (4)
RB895	Bedford (8)
RB896	Commer (1)
RB902	Ford (46,51,73,121,122)
RB910	Toyota (81)
RB911	Toyota (73)
RB912	Bedford (5)

## Rocker Arm Bush

B558	Leyland (5,11,12,14,16)
B633	Leyland (8)
	Nissan (75)
B777	Holden (13)
B791	Toyota (65,68,70,73,80,81)
B792	Toyota (65,68,70,73,80,81)
B886	Bedford (4,5,6)

## Thrustwasher Set

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## Thrustwasher Set

1T1020A	Fiat (33)
	Lancia (19)
1T1053A	Alfa Romeo (10,11,12,13,14)
	Fiat (10,11,12,35)
	Lancia (20,27)
1T1065A	Alfa Romeo (9)
1T1093	Alfa Romeo (5,6,7,8)
	Jeep (15)
	Rover (5)
1T1142	Mitsubishi (13)
1T1183	Hyundai (15)
	Mitsubishi (36)
1T1192	Isuzu (10,36,44,46,47)
1T1204	Hyundai (5)
1T1219	Hyundai (14)
	Mitsubishi (41,47,53,54)
1T1227	Mitsubishi (3,48)
1T1233	Mitsubishi (28)
1T1237	Mitsubishi (7)
1T1237P	Mitsubishi (7)
1T1258	Hyundai (6)
1T1427	Daihatsu (11)
1T1542	Land Rover (1,2,6,7,8)
	Rover (10,12)
1T1617	Peugeot (25)
1T1649	Ford (58,59,60,61,72,75)
1T1817	Isuzu (25,26)
1T1822A	Fiat (36,51)
	Lancia (21)
1T1824	Honda (35)
	Isuzu
	(2,4,5,13,14,33,34,35,38,39)
1T1842	Honda (34)
	Isuzu (43)
1T1853	BMW (16)
	Toyota
	(26,27,34,57,58,59,60)
1T1867	Isuzu (7,8,19,27)
	Opel (14,15)
1T1869	Isuzu (8,19)
1T1893	Isuzu (6,18,29,30,45,48)
1T1934	Honda (46,47)
1T1937	Honda (15,16,18,19,36)
1T1952	Honda
	(1,8,9,10,11,13,25,26,29,33,3
	9,40,42,43,45)
1T1957	Honda
	(2,3,4,5,6,12,17,19,20,21,22,
	23,27,28,30,31,38)
1T1991	Honda (44,48)
1T1996	Honda (24,37,41)
1T2015	Saab (4,5)
1T2018	Saab (3)
1T2152	Ford
	(1,2,32,45,46,51,62,63,73,11
	6,121,122)
1T2154	Ford (55,56,57)
1T2219	Leyland (19)

## Thrustwasher Set

1T2407	Triumph/Standard (4,6)
1T2505	Nissan (28,33)
1T2539	Nissan (42)
1T2605	Mercedes Benz (47)
	Smart (1)
1T2627	Nissan (1)
1T2628	Nissan (14)
1T2635	Nissan (41)
	Renault (39)
1T2665	Nissan (37)
1T2678	Nissan (27)
1T2712A	Fiat (43,44)
	Lancia (24)
1T2729	Volvo (4,22)
1T2769	Nissan (5)
1T2809	Isuzu (13,35)
1T2827A	Alfa Romeo (15,16,17,18)
	Fiat
	(1,2,3,4,5,6,13,14,15,16,17,1
	8,19,20,21,22,23,24,25,48,49
	)
	Lancia
	(1,5,6,7,8,9,10,11,12,29)
1T2849A	Fiat
	(7,8,36,38,40,41,42,47,50,51)
	Lancia (21,22,23)
1T2874A	Alfa Romeo (3,4)
	Fiat (9)
	Lancia (4)
1T2882	Rover (13)
1T2884A	Alfa Romeo (20,21,22,23,24)
	Fiat (26,27,28,29,30,31,32)
	Lancia (13,14,15,16,17,18,28)
1T2894A	Fiat (37)
	Lancia (2,3)
	Opel (18)
1T2905	Nissan (29,31)
1T2952	Nissan (3)
1T2964	Nissan (18,34)
1T3161	Renault (34)
1T3252	Jaguar (2,3)
1T3286	Isuzu (5,13,14,33,34,35)
1T5505	Renault (31,32)
1T5572	Skoda (1)
1T5573	Skoda (2)
1T6115	Chrysler (2,16)
	Jeep (9)
1T6162	Commer (1)
1T7172	Chrysler (6,7,8)
1T7191	Chrysler (17)
	Mitsubishi (6)
1T7214	Chrysler (1,23)
	Jeep (7,8)
1T7316	Chrysler (18)
1T7707	Peugeot (16,18,21,24,37,54)
	Renault (18)
	Rover (6)





# NUMERICAL LISTING - ENGINE GROUP

Thrustwasher Set	
1T7709	Peugeot (17,18,19,20,21,22,23,24,54)
	Renault (18)
	Rover (6)
1T7733	Peugeot (34,35,36)
1T7738	Peugeot (26)
1T7768	Citroen (5)
	Peugeot (49)
1T7772	Citroen (4)
	Ford (33,34)
	Peugeot (39,40)
	Volvo (19)
1T7803	Peugeot (51)
	Renault (12,15,21,25)
1T7804	Renault (11,12,15,21)
1T7807	Opel (23,24,25)
	Renault (6,7,8,9,10,13,14,19,20,22,23,31,32)
	Volvo (9,10,11,12)
1T7809	Nissan (32)
	Renault (26,27,41)
1T7815	Renault (1,4,5,16,24,40)
	Volvo (6)
1T7850	Renault (28)
1T7864	Renault (27)
1T7888	Opel (26)
	Renault (33)
1T7889	Opel (26)
	Renault (33)
1T7904	Renault (1,2,40)
	Volvo (7)
1T8011	Daihatsu (5,6,7,13)
1T8017	Daihatsu (12)
1T8019	Daihatsu (9)
1T8025	Daihatsu (1,13)
1T8037	Mitsubishi (19,26,43,44)
1T8126	Daihatsu (2,4)
	Toyota (40,47)
1T8254	Toyota (30)
1T8302	Mazda (21)
1T8307	Suzuki (6,8,15)
1T8335	Mazda (36)
1T8337	Daewoo (3,5)
	General Motors (29)
	Suzuki (1,4,9,12,16)
1T8339	Suzuki (11)
1T8342	Suzuki (13,17)
1T8353	Ford (78)
	Kia (1,2,3,9)
	Mazda (5,8,9,11,24,26)
1T8355	Suzuki (5,10,14)
1T8404	Toyota (35)
1T8412	Toyota (25)
1T8424	Toyota (38)
1T8429	Toyota (37)
1T8438	Daihatsu (3)

Thrustwasher Set	
	Toyota (36)
1T8443	Suzuki (2,7)
1T8551	Mazda (16)
1T8562	Isuzu (16,17)
1T8565	Mitsubishi (20)
1T8584	Mitsubishi (24,25)
1T9922	Land Rover (3)
	Rover (2,3)
2T1031	Alfa Romeo (19)
2T1132	Leyland (10,18)
2T1149	Hyundai (7)
	Mitsubishi (2,17)
2T1157	Mazda (14)
2T1167	Mazda (35,42)
2T1215	Hyundai (2)
2T1298	Nissan (39)
2T1357	Toyota (95,121)
2T1362	Toyota (67,97,98,119,120)
2T1367	Nissan (12,45,51,52,53,54,55,56,57,58,59)
2T1388	Toyota (89,97)
2T1433	Leyland (6)
2T1604	Audi (4,6,7,8,9,10,11,12,13,15,16,28,31,53,54,55,56,57)
	Volkswagen (60,61,102,103,104,105,138,155,156)
	Volvo (13)
2T1614	Audi (4,6,7,8,9,10,11,12,13,15,16,28,31,53,54,55,56,57)
	Peugeot (25)
	Volkswagen (60,61,102,103,104,105,138,155,156)
	Volvo (13)
2T1642	Ford (94)
2T1644	Audi (1,2,3,14,17,19,20,21,22,23,24,25,26,27,32,33,34,35,37,38,39,40,42,43,44,45,46,47,48,51,52,58,59,63,64,65,68,69,70,71,72,73,74,75,76,77,78,80,81,87,88,89)
	Volkswagen (4,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,31,33,34,35,36,38,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,106,1)
2T1657	Ford (88)
2T1689	Toyota (8,15,16,18,19,20,69,77,82,85,86,102,103,116)

Thrustwasher Set	
2T1689P	Toyota (8,15,16,18,19,20,69,77,82,85,86,103,116)
2T1695	Toyota (1,2,32,78,91,124)
2T1703	Toyota (9,68,90,110,111,112,113,114)
2T1705	Toyota (113,114,115)
2T1727	Toyota (64,100,104,118)
2T1747	Mazda (28,38,39)
2T1748	Kia (7,8)
	Mazda (40)
2T1777	Kia (6)
	Mazda (23,41)
2T1778	Mitsubishi (27,45)
2T1852	Toyota (4,107)
2T1887	Isuzu (12,49,50)
2T1888	Isuzu (20,21,31,32,40,41,49,50)
2T1889	Isuzu (3,21,22,23,24,31,32,37,40,41,42,51)
2T1939	Bedford (8)
2T2102	Ford (3,81,82,96,103,104,106,108)
2T2134	Kia (10)
	Mazda (27,30,37)
2T2167	Ford (7,49,50,71,79,105,113)
2T2202	Leyland (5,14)
2T2203	Leyland (11,12,16)
2T2204	Leyland (9,12,13,15)
2T2252	Leyland (4)
2T2316	Bedford (4,5)
2T2319	Bedford (4,5)
2T2367	Bedford (6,7)
2T2525	Mercedes Benz (1)
2T2597	Nissan (40)
2T2633	Nissan (24,44)
2T2647	Nissan (8)
2T2717	Nissan (10)
2T2734	Peugeot (1,2,44,45)
2T2775	Nissan (13,30,46,69)
2T2784	Leyland (1,2,3)
2T2873	Mercedes Benz (1,2,4,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,43,44,45)
2T2915	Nissan (4)
2T2995	Nissan (35)
2T3064A	Citroen (1,3)
	Fiat (34)
	Peugeot (41,42,43)
2T3065A	Citroen (1)
	Fiat (34)
	Peugeot (41,42)
2T4092	Leyland (5,14)
2T4162	Mazda (33,34,44)
2T4242	Alfa Romeo (1,2)



## NUMERICAL LISTING - ENGINE GROUP

Thrustwasher Set	
2T4302	Leyland (8) Nissan (38,74,75,76)
2T4382	Ford (36)
2T4386	Ford (64)
2T5509	Ford (65,66,67)
2T5532	Audi (60,61) Volkswagen (130,131,132,133)
2T5533	Audi (41,79) Volkswagen (78,129)
2T5535	Audi (18,67,70,79,83) Volkswagen (16,17,18,78,110,116,117,14 0,144,146,147,150,154)
2T5547	Audi (84,85) Volkswagen (157)
2T5549	Audi (86,90)
2T5569	Volkswagen (163)
2T7062	Leyland (20) Triumph/Standard (3)
2T7703	Ford (47) Peugeot (8,11,12,13,14,15,28,29,52,5 3) Volvo (14)
2T7715	Peugeot (7,9,10,27,38) Rover (7)
2T7717	Peugeot (6)
2T7748	Ford (47) Peugeot (28,29) Volvo (14)
2T7752	Ford (52) Peugeot (2,45,46)
2T7899	Peugeot (4,5,30,31,32)
2T7962	Toyota (24,65,66,68,70,73,80,122,12 3)
2T7987	Toyota (72)
2T7989	Toyota (109)
2T8002	Toyota (81)
2T8062	Toyota (14,71,79)
2T8063	Toyota (21,22,23,75,76)
2T8092	Toyota (54,55)
2T8103	Toyota (61)
2T8242	Ford (16,17) Mazda (1,6,7,29)
2T8263	Toyota (52)
2T8283	Toyota (3,83,87,88,94,117)
2T8329	Subaru (9)
2T8334	Mazda (4,19,42)
2T8352	Mazda (15,17,31,32)
2T8363	Toyota (69,86)
2T8372	Toyota (12,63,92,93)
2T8377	Toyota (11,17,84,101)
2T8379	Toyota (10)
2T8382	Toyota (13,29,45)
2T8392	Toyota (74)
2T8397	Toyota (5,42,105,106,108)

Thrustwasher Set	
2T8423	Toyota (6,7)
2T8439	Toyota (41)
2T8468	Toyota (28,31)
2T8474	Toyota (43,44,53,62)
2T8480	Toyota (46)
2T8488	Toyota (42)
2T8494	Toyota (48,49,50)
2T8548	Mazda (46)
2T8718	Mercedes Benz (14,15,16)
2T8722	Mercedes Benz (13,46)
2T8737	Mercedes Benz (38,39,40,41)
2T9952	Land Rover (9,11) Rover (1)
3T1197	Mitsubishi (9,50)
3T1199	Hyundai (3) Mitsubishi (5,16,38,39,46)
3T1229	Mitsubishi (37,38,39,40)
3T1232	Mitsubishi (1)
3T1837	Isuzu (1,11,15,28,52,53,54)