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RIVERSIDE • CALIFORNIA
2018

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Today EMPI is known as the largest manufacturer and distributor of Accessories for Air-Cooled VW's in the marketplace.

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Being dedicated to the "Bug" and its enthusiasts means more than just keeping up...it means continuing to invent, design and re-design products that allow even more personalization, customization and performance.

Upon review of this new EMPI 2018 Catalog you will find that from Nostalgic to Billet, Performance to Go or Stop, from Off-Road to Stock Replacement... EMPI has you covered.

2018

EMPI®

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INTRODUCTION

We at **EMPI** are proud to present this New 2018 Catalog. It's a compilation of over **Forty Five** years of select parts and accessories, featuring superior **EMPI**® products. As you browse through you will see that we have continued to expand our accessory and performance parts programs for both on and off-road. This catalog includes our extensive offering of Stock Replacement Parts. There are hundreds of new items available for immediate shipment.

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WARNING - PROPOSITION 65 COMPLIANCE STATEMENT: It is the responsibility of EMPI Inc. to warn its customers and employees that these products sold in this catalog can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

VW QUICK REFERENCE GUIDE

YEAR	MODEL/NOTES
TYPE I	Sedan, Bug, Super Beetle, Convertible
1949	30hp
1954	36hp, 1100cc engine
1960	40hp, 1200cc engine
1966	50hp, 1300cc engine
1967	53hp, 1500cc engine
1969	Independent Rear Suspension (I.R.S.)
1970	1600cc
1971	1600cc, dual port heads, intro: Super Beetle
1972	Intro: Safari (The Thing)
1977	Production stopped except convertible
TYPE III	Fastback, Squareback, Station Wagon
1962	1500cc "Pancake" engine
1964	Dual carbs
1968	Options: auto trans, fuel injection
1974	Production stopped

YEAR	MODEL/NOTES
TYPE II	Transporter, Van, Bus, Kombi, Camper
1954	36hp
1960	40hp
1963	1500cc engine
1965	53hp, 1500cc engine
1968	57hp, 1600cc engine - I.R.S.
1971	Dual port heads
1972	1700cc Type IV engine dual carbs
1974	1800cc Type IV engine 68hp
1976	2000cc Type IV engine
1980	Intro: Vanagon
TYPE IV	411 2- & 4-door Sedan, Station Wagon
1968	Type IV engines dual carbs
1973	412 model larger body
1974	2-door fuel injected 1700cc
1974	4-door fuel injected 1800cc
1975	Production stopped

TRANSPORTER ENGINE SIZES	
1950-1952	1131cc (Type 2)
1953-1962	1192cc (Type 2
1963-1966	1493cc (Type 2)
1967-1971	1588cc (Type 2)
1972-1974	17/1800cc (Type 4)
1975-1979	2000cc (Type 4)

VOLKSWAGEN PRODUCTION BY CHASSIS NUMBER

BEETLE	
1947	1-072 743
1948	1-091 921
1949	1-138 554
1950	1-220 471
1951	1-313 829
1952	1-397 023
1953	1-454 951
1954	1-575 415
1955	1-929 746
1956	1 060 931
1957	1 394 119
1958	1 774 680
1959	2 226 206
1960	2 528 668
1961	3 192 507
1962	4 010 995
1963	4 846 835
1964	5 677 119
1965	115 000 001
1966	116 000 001
1967	117 000 001
1968	118 000 001
1969	119 000 001
1970	110 2000 001
1971	111 2000 001
1972	112 2000 001
1973	113 2000 001
1974	114 2000 001
1975	115 2000 001
1976	116 2000 001
1977	117 2000 001
8/77	118 2000 001
End of Production Type	
Made in West Germany	

SUPER BEETLE	
1971	111 2000 001
1972	112 2000 001
1973	113 2000 001
1974	134 2000 001
1975	135 2000 001
1976	156 2000 001
1977	157 2000 001
1978	158 2000 001
1979	159 2000 001
End of Production Type	
Worldwide	
KARMANN GHIA	
1956	929746
1957	1060929
1958	1600 440
1959	1774 680
1960	2528 668
1961	3192 507
1962	4010 995
1963	4846 836
1964	5677 119
1965	145 000 001
1966	146 000 001
1967	147 000 001
1968	148 000 001
1969	149 000 001
1970	140 2000 001
1971	141 2000 001
1972	142 2000 001
1973	143 2000 001
1974	144 2000 001
End of Production Type	
Worldwide	

THE THING	
1973	183 2000 001
1974	184 2000 001
End of Production Type	
Made in Mexico	
BUS/KOMBI	
1950	0001
1951	8113
1952	20-035 112
1953	20-047 102
1954	20-069 409
1955	20-117 902
1956	20-160 716
1957	223 217
1958	315 209
1959	374 811
1960	469 506
1961	614 456
1962	802 986
1963	971 550
1964	114 4282
1965	215 000 001
1966	216 000 001
1967	217 000 001
End of Production Type	
Made in West Germany	
LATE BUS	
1968	218 000 001
1969	219 000 001
1970	210 2000 001
1971	211 2000 001
1972	212 2000 001
1973	213 2000 001

LATE BUS Continued	
1974	214 2000 001
1975	215 2000 001
1976	216 2000 001
1977	217 2000 001
1978	218 2000 001
1979	219 2000 001
End of Production	
Made in West Germany	
VANAGON	
Air Cooled	
1980	24A 00000 001
1981	24B 000 001
1982	24C 000 001
1983	24D 000 001
Made in West Germany	
1983 thru 1991	
TYPE III	
1961	000 001
1962	011 041
1963	066 740
1964	221 975
1965	315 000 001
1966	316 ooo 001
1967	317 000 001
1968	318 000 001
1969	319 000 001
1970	310 2000 001
1971	311 2000 001
1972	312 2000 001
1973	313 2000 001
1974	313 2500 001
End of Production	
Worldwide	

MODEL YEAR -vs- APPLICATION CHART

SIZE	DESCRIPTION	APPLICATIONS
21 3/4" Long	Short Torsion Bar	60-68 Type I Swing Axle
24 11/16" Long	Intermediate Torsion Bar	49-59 Type I swing Axle
24 11/16" Long	Intermediate Torsion Bar	69-72 Type I IRS
24 11/16" Long	Intermediate Torsion Bar	65-67 Type III swing Axle
26 9/16" Long	Long Torsion Bar	73 & L Type I IRS

NOTE: Measure tube extension past spring plate intermediate 4" long 6".

THE MODEL YEAR VS APPLICATION AND TORSION BAR SPRING RATE CHARTS SHOWN ARE A GUIDELINE ONLY, INDIVIDUAL APPLICATIONS MAY VARY.

TORSION BAR SPRING RATE CHART

	BAR LENGTHS		
Diameters	21 3/4"	24 11/16"	29 9/16"
*22mm	588	497	464
*23mm	702	593	554
25mm	979	828	773
26mm	1145	968	904
27mm	1333	1126	1052
28mm	1541	1303	1217
29mm	1774	1499	1400
30mm	2031	1716	1603

*For reference only. These are stock Volkswagen Sizes.

COMPUTE ENGINE DISPLACEMENT

Displacement Chart for 4 Cylinder Engineers in CC's

STROKE / BORE	83	85.5	87	88	90	90.5	92	94	96.5	101.6
64	1385	1470	1522	1557	1629	1647	1702	1777	1872	2075
69	1493	1585	1641	1679	1756	1775	1835	1915	2019	2237
74	1602	1699	1760	1800	1883	1904	1968	2054	2165	2399
78	1688	1791	1855	1897	1985	2007	2074	2165	2282	2529
82	1775	1883	1950	1995	2087	2110	2180	2276	2399	2659
84	1818	1929	1997	2044	2138	2161	2234	2332	2457	2724
86	1861	1975	2045	2092	2188	2213	2287	2387	2516	2789
88	1905	2021	2093	2141	2239	2264	2340	2442	2574	2854
90	2136	2067	2140	2239	2290	2315	2393	2498	2633	2920

Formula To Figure Four Cylinder Displacement:
BORE x BORE x STROKE x .0031416 = TOTAL CC's

EXAMPLE: BORE = 92. STROKE = 69
92 x 92 x 69 x .0031416 = 1834.74 CC's

COMPRESSION RATIO

92mm Bore Figured With .060 Deck Height (1.52mm) Equaling 10cc.

ENGINE SIZE	DEPTH OF FLYCUT					
	Std. Depth	1.27mm .050	2.03mm .080	2.54mm .100	3.05mm .120	3.56mm .140
1701cc 92x64 Stroke	8.7	9.5	10.0	10.4	10.9	11.4
1835cc 92x69 Stroke	8.5	9.2	10.6	10.0	10.3	10.7
1969cc 92x74 Stroke	9.1	9.8	10.3	10.6	11.0	11.5
2047cc 92x78 Stroke	9.5	10.3	10.8	11.2	11.6	12.0
2180cc 92x82 Stroke	9.9	10.7	11.3	11.7	12.1	12.6

$$\text{COMPRESSION RATIO} = \frac{\text{Cylinder Displacement + Deck Height Displacement + Head CC's}}{\text{Deck Height Displacement + Head CC's}}$$

Example: Bore = 90mm Stroke = 82mm Deck Height = 1 1/2 Turns (1.5mm) Head = Dual Port Flycut .050

$$\text{Therefore: } \frac{521.66\text{cc} + 9.65\text{cc} + 46\text{cc (See Formula)}}{9.65\text{cc} + 46\text{cc}} = 10.37 \text{ to } 1$$

DRIVE RATIO CHART

$$\text{MPH} = \frac{\text{RPM x Tire Diameter (In Inches)}}{\text{Drive Ratio}}$$

MPH in 4th Gear Figured with 6000 RPM and a 4.86 Ring & Pinion w/ 1.13 4th Gear.

$$\text{MPH Example: } \frac{6000 \text{ x } 25 \text{ Inches}}{5.49 \text{ x } 336} = \frac{150{,}000}{1844.64} = 81.32 \text{ MPH}$$

$$\text{RPM} = \frac{\text{MPH x Drive Ratio x } 336}{\text{Tire Diameter (In Inches)}}$$

RPM in 3rd Gear Figured with 25" Tall Tire and 1.48 3rd Gear with 4.37 Ring & Pinion.

$$\text{RPM Example} = \frac{50 \text{ MPH x } 6.47 \text{ Drive Ratio x } 336}{25} = \frac{108{,}696}{25} = 4348 \text{ RPM}$$

	Ring & Pinion Ratio		
4th Gear Ratio	4.12 to 1	4.37 to 1	4.86 to 1
.89 4th Stock	3.67 to 1	3.89 to 1	4.33 to 1
1.04 4th	4.28 to 1	4.54 to 1	5.05 to 1
1.13 4th	4.65 to 1	4.94 to 1	5.49 to 1
1.22 4th	5.02 to 1	5.33 to 1	5.93 to 1
1.32 4th	5.44 to 1	5.77 to 1	6.41 to 1
1.43 4th	5.89 to 1	6.25 to 1	6.95 to 1

Drive Ratio = Ring & Pinion Ratio x Gear Ratio (Any)

ENGINE CHARTS

To Find Head cc Needed For Any Compression Ratio:

$$\text{Cyl. Disp. + Deck HT. Disp. - ("Desired Compression Ratio?" x Deck Height Displacement)} \div \text{("Desired Compression Ratio"-1)}$$

Example: Cylinder Displacement = 458.7cc
Deck Height = 11.93cc
Desired Compression Ratio = 9.5 to 1

Therefore: 458.7 + 11.93 - (9.5 x 11.93) divided by (9.5 - 1) = 42.03cc

Deck Height Displacement Equals:

$$\frac{\text{Bore x Bore x Deck Height in mm x .0031416}}{4}$$

Example: Bore = 92mm Deck Height = 1.75mm, or 13/4 Turns On Our Deck Height Tool
Therefore:
92 x 92 = 8464 x 1.75 = 14812 x .0031416 = 46.5333
Divided by 4 = 11.93cc Deck Height

Cylinder Displacement Equals:

$$\frac{\text{Bore x Bore x Stroke x .0031416}}{4}$$

Example: Bore = 92mm Stroke = 69mm
Therefore: 92 x 92 x 69 x .0031416
Divided by 4 = 458.7cc

IRS REAR AXLE

APPLICATIONS
Beetle, 1968, AT
Beetle, 1969-1977, MT/AT
Super Beetle, 1971-1979
Karmann Ghia, 1968, AT
Karmann Ghia, 1969-1974, MT/AT
Type 3, 1968-1973, MT/AT
Thing, 1973-1974

MODEL IDENTIFICATION

	PRODUCTION DATES			CHASSIS NUMBER		ENGINE		ENGINE NUMBER	
	YEAR	DATE	MODEL	FROM	THRU	CYL	C.C.	FROM	THRU
TYPE I STD. BEETLE	1954	1/54-12/54	ALL	575 415	781 883	4	1200(36)	695 282	945 525
	1955	1/55-7/55	ALL	781 884	929 745	4	1200(36)	945 626	1 120 614
	1956	8/55-7/56	ALL	929 746	1 394 118	4	1200(36)	1 120 615	1 678 208
	1957	8/56-7/57	ALL	1 394 119	1 600 439	4	1200(36)	1 678 209	1 937 449
	1958	8/57-7/58	ALL	1 600 440	1 774 680	4	1200(36)	1 937 450	2 156 321
	1959	8/58-7/59	ALL	1 774 681	2 528 667	4	1200(36)	2 156 322	3 072 319
	1960	8/59-7/60	ALL	2 528 668	3 192 506	4	1200(36)	3 072 320	3 912 903
	1961	8/60-7/61	ALL	3 192 507	4 010 994	4	1200(40)	3 912 904	3 924 022
	1962	8/61-7/62	ALL	4 010 995	4 846 835	4	1200(40)	3 924 023	3 942 914
	1963	8/62-7/63	ALL	4 846 836	5 677 118	4	1200(40)	3 942 915	3 959 303
	1964	8/63-7/64	ALL	5 677 119	6 502 399	4	1200(40)	3 959 304	3 972 440
	1965	8/64-7/65	ALL	115 000 001	115 999 000	4	1200	3 972 441	4 050 000
	1966	8/65-7/66	ALL	116 000 001	116 1021 300	4	1300	F 0 000 001	F 0 940 716
	1967	8/66-7/67	ALL	117 111 001	117 999 000	4	1500	H 0 204 001	H 0 874 199
	1968	8/67-7/68	ALL	118 1000 001	118 1016 100	4	1500	H 5 000 001	H 5 414 585
	1969	8/68-7/69	ALL	119 000 001	119 1200 000	4	1500	H 5 414 586	H 5 900 000
	1970	8/69-7/70	ALL	110 2000 001	110 3100 000	4	1600	B 6 000 001	B 6 600 000
	1971	8/70-7/71	ALL	111 2000 001	111 3200 000	4	1600	AE 000 001	AE 0 558 000
	1972	8/71-7/72	EX. CA	112 2000 001	112 3200 000	4	1600	AE 0 558 001	AE 0 917 263
		8/71-7/72	CALIF	112 2000 001	112 3200 000	4	1600	AH 0 000 001	AE 0 005 900
	1973	8/72-10/72	M/T	113 2000 001	113 2212 117	4	1600	AE 0 917 264	AE 1 000 000
		10//72-7/73	M/T EX. CA.	113 2212 118	113 3200 000	4	1600	AK 0 000 001	AK 0 239 364
		10//72-7/73	M//T, CA	113 2212 118	113 3200 000	4	1600	AH 0 033 404	AH 0 101 888
		8/72-7/73	A/T	113 2000 000	113 3200 000	4	1600	AH 0 005 901	AH 0 114 418
	1974	8/73-7/74	M/T, EX. CA	114 2000 001	114 2999 000	4	1600	AK 0 239 365	AK 0 239 493
		8/73-7/74	M/T, CA	114 2000 001	114 2999 000	4	1600	AH 0 101 889	AH 0 500 000
		8/73-7/74	A/T	114 2000 001	114 2999 000	4	1600	AH 0 114 419	AH 0 500 000
	1975	2/74-7/75	M/T	115 2000 001	115 2600 000	4	1600	AJ 000 001	AJ 0 059 664
		8/74-7/75	A/T	115 2000 001	115 2600 000	4	1600	AJ 000 001	AJ 0 012 405
	1976	8/75-7/76	M/T	116 2000 001	116 2200 000	4	1600	AJ 059 665	AJ 095 935
		8/75-7/76	A/T	116 2000 001	116 2200 000	4	1600	AJ 0 012 406	AJ 0 012 504
	1977	8/76-7/77	ALL	117 2000 001	117 2200 000	4	1600	AJ 0 095 936	AJ 0 119 687
	1978	8/77-7/78	ALL	118 2000 001	118 2050 000	4	1600	AJ 0 119 688	AJ 0 132 850
TYPE I SUPER BEETLE	1971	8/70-7/71	ALL	111 2000 001	111 3200 000	4	1600	AE 0 000 001	AE 0 558 000
	1972	8/72-7/72	EX. CA	112 2000 001	112 3200 000	4	1600	AE 0 558 001	AE 0 917 263
		8/71-7/72	CALIF	112 2000 001	112 3200 000	4	1600	AH 0 000 001	AH 0 005 900
	1973	8/72-10/72	M/T	133 2000 001	133 2212 117	4	1600	AE 0 917 264	AE 1 000 000
		10/72-7/73	M/T, EX. CA	133 2212 118	133 3200 000	4	1600	AK 0 000 001	AK 0 239 364
		10/72-7/73	M/T, CA	133 2212 118	133 3200 000	4	1600	AH 0 033 404	AH 0 101 888
		8/72-7/73	A/T	133 2000 000	133 3200 000	4	1600	AH 0 005 901	AH 0 114 418
	1974	8/73-7/74	M/T, EX. CA	134 2000 001	134 2999 000	4	1600	AK 0 239 365	AK 0 239 493
		8/73-7/74	M/T, CA	134 2000 001	134 2999 000	4	1600	AH 0 101 889	AH 0 500 000
		8/73-7/74	A/T	134 2000 001	134 2999 000	4	1600	AH 0 114 419	AH 0 500 000
	1975	8/74-7/75	M/T	135 2000 001	135 2600 000	4	1600	AJ 0 000 001	AJ 0 059 664
		8/74-7/75	A/T	135 2000 001	135 2600 000	4	1600	AJ 0 000 001	AJ 0 012 405
TYPE I THING (181)	1973	8/72-9/73	ALL	183 2000 001	183 3026 058	4	1600	AM 000 001	AM 011 820
	1974	10/73-9/74	ALL	184 2000 001	184 2818 496	4	1600	AM 011 821	AM 029 046
TYPE I KARMANN GHIA	1954	1/54-12/54	ALL	575 415	781 883	4	1200(36)	695 282	945 525
	1955	1/55-7/55	ALL	781 884	929 745	4	1200(36)	945 526	1 120 614
	1956	8/55-7/56	ALL	929 746	1 394 118	4	1200(36)	1 120 615	1 678 208
	1957	8/56-7/57	ALL	1 394 119	1 600 439	4	1200(36)	1 678 209	1 937 449
	1958	8/57-7/58	ALL	1 600 440	1 774 680	4	1200(36)	1 937 450	2 156 321
	1959	8/58-7/59	ALL	1 774 681	2 528 667	4	1200(36)	2 156 322	3 072 319
	1960	8/59-7/60	ALL	2 528 668	3 192 546	4	1200(36)	3 072 320	3 912 903
	1961	8/60-7/61	ALL	3 192 507	4 010 994	4	1200(40)	3 912 904	3 924 022
	1962	8/61-7/62	ALL	4 010 995	4 846 835	4	1200(40)	3 924 023	3 942 914
	1963	8/62-7/63	ALL	4 846 836	5 677 118	4	1200(40)	3 942 915	3 959 303
	1964	8/63-7/64	ALL	5 677 119	6 502 399	4	1200(40)	3 959 304	3 972 440
	1965	8/64-7/65	ALL	145 000 001	115 999 000	4	1200	3 972 441	4 050 000
	1966	8/65-7/66	ALL	146 000 001	116 1021 300	4	1300	F 000 0001	F 094 0716
	1967	8/66-7/67	ALL	147 000 001	117 999 000	4	1500	H 0 204 001	H 0 874 199
	1968	8/67-7/68	ALL	148 000 001	118 1016 100	4	1500	H 5 333 001	H 5 414 585
	1969	8/68-7/69	ALL	149 000 001	119 1200 000	4	1500	H 5 414 586	H 5 900 000
	1970	8/69-7/70	ALL	140 2000 001	110 3100 000	4	1600	B 6 000 001	B 6 600 000
	1971	8/70-7/71	ALL	141 2000 001	111 3200 000	4	1600	AE 0 000 001	AE 0 558 000
	1972	8/71-7/72	EX. CA	142 2000 001	112 3200 000	4	1600	AE 0 558 001	AE 0 917 263
		8/71-7/72	CALIF	142 2000 001	112 3200 000	4	1600	AH 0 000 001	AH 0 005 900
	1973	8/72-10/72	M/T	143 2000 001	113 2212 117	4	1600	AE 0 917 264	AE 1 000 000
		10/72-7/73	M/T, EX. CA	143 212 118	113 3200 000	4	1600	AK 0 000 001	AK 0 239 364
		10/72-7/73	M/T, CA	143 2212 118	113 3200 000	4	1600	AH 0 033 404	AH 0 101 888
		8/72-7/73	A/T	143 2000 000	113 3200 000	4	1600	AH 0 005 901	AH 0 114 418
	1974	8/73-7/74	M/T, EX. CA	144 2000 001	144 2999 000	4	1600	AK 0 239 365	AK 0 239 493
		8/73-7/74	M/T, CA	144 2000 001	144 2999 000	4	1600	AH 0 101 889	AH 0 500 000
		8/73-7/74	A/T	144 2000 001	144 2999 000	4	1600	AH 0 114 419	AH 0 500 000

MODEL IDENTIFICATION

	PRODUCTION DATES			CHASSIS NUMBER		ENGINE		ENGINE NUMBER	
	YEAR	DATE	MODEL	FROM	THRU	CYL	C.C.	FROM	THRU
TYPE I CONVERTIBLE	1954	1/54-12/54	ALL	575 415	781 883	4	1200(36)	695 282	945 525
	1955	1/55-7/55	ALL	781 884	929 745	4	1200(36)	945 526	1 120 614
	1956	8/55-7/56	ALL	929 746	1 394 118	4	1200(36)	1 120 615	1 678 208
	1957	8//56-7/57	ALL	1 394 119	1 600 439	4	1200(36)	1 678 209	1 937 449
	1958	8/57-7/58	ALL	1 600 440	1 774 680	4	1200(36)	1 937 450	2 156 321
	1959	8/58-7/59	ALL	1 774 681	2 528 667	4	1200(36)	2 156 322	3 072 319
	1960	8/59-7/60	ALL	2 528 668	3 192 506	4	1200(36)	3 072 320	3 912 903
	1961	8/60-7/61	ALL	3 192 507	4 010 994	4	1200(40)	3 912 904	3 924 022
	1962	8/61-7/62	ALL	4 010 995	4 846 835	4	1200(40)	3 924 023	3 942 914
	1963	8/62-7/63	ALL	4 846 836	5 677 118	4	1200(40)	3 942 915	3 959 303
	1964	8/63-7/64	ALL	5 667 119	6 502 399	4	1200(40)	3 959 304	3 972 440
	1965	8/64-7/65	ALL	155 000 001	155 999 000	4	1200(40)	3 972 441	4 050 000
	1966	8/65-7/66	ALL	156 000 001	156 1021 300	4	1300	F 000 0001	F 094 0716
	1967	8/66-7/67	ALL	157 000 001	157 999 000	4	1500	H 0 204 001	H 0 874 199
	1968	8/67-7/68	ALL	158 000 001	158 1016 100	4	1500	H 5 000 001	H 5 414 585
	1969	8/68-7/69	ALL	159 000 001	159 1200 000	4	1500	H 5 414 586	H 5 900 000
	1970	8/69-7/70	ALL	150 2000 001	150 3100 000	4	1600	B 6 000 001	B 6 600 000
TYPE I SUPER BEETLE CONVERTIBLE	1971	8/70-7/71	ALL	151 2000 001	151 3200 000	4	1600	AE 0 000 001	AE 0 558 000
	1972	8/71-7/72	EX. CA	152 2000 001	152 3200 000	4	1600	AE 0 558 001	AE 917 263
		8/71-7/72	CA	152 2000 001	152 3200 000	4	1600	AH 0 000 001	AH 0 005 900
	1973	8/72-10/72	M/T	153 2000 001	153 2212 117	4	1600	AE 0 917 264	AE 1 000 000
		10/72-7/73	M/T, EX. CA	153 2212 118	153 3200 000	4	1600	AK 0 000 001	AK 0 239 364
		10/72-7/73	M/T, CA	153 2212 118	153 3200 000	4	1600	AH 0 033 404	AH 0 101 888
		10/72-7/73	A/T	153 2212 118	153 3200 000	4	1600	AH 0 005 901	AH 0 114 418
	1974	8/73-7/74	M/T, EX. CA	154 2000 001	154 2999 000	4	1600	AK 0 239 365	AK 0 239 493
		8/73-7/74	M/T, CA	154 2000 001	154 2999 000	4	1600	AH 0 101 889	AH 0 500 000
		8/73-7/74	A/T	154 2000 001	154 2999 000	4	1600	AH 0 114 419	AH 0 500 000
	1975	8/74-7/75	M/T	155 2000 001	155 2600 000	4	1600	AJ 0 000 001	AJ 0 059 664
		8/74-7/75	A/T	155 2000 001	155 2600 000	4	1600	AJ 0 000 001	AJ 0 012 405
	1976	8/75-7/76	M/T	156 2000 001	156 2200 000	4	1600	AJ 0 059 665	AJ 0 095 935
		8/75-7/76	A/T	156 2000 001	156 2200 000	4	1600	AJ 0 012 406	AJ 0 012 504
	1977	8/76-7/77	ALL	157 2000 001	157 2200 000	4	1600	AJ 0 095 936	AJ 0 119 687
	1978	8/77-7/78	ALL	158 2000 001	158 2050 000	4	1600	AJ 0 009 688	AJ 0 132 850
	1979	8/78-12-79	ALL	159 2000 001	159 2043 634	4	1600	AJ 0 132 851	AJ 0 149 558
TYPE II	1955	3/55-12/55	ALL	20 117 902	20 160 715	4	1200(36)	20 991 590	20 1 277 346
	1956	1/56-12/56	ALL	20 160 716	223 216	4	1200(36)	20 1 277 347	1 678 209
	1957	1/57-12/57	ALL	223 217	315 208	4	1200(36)	1 678 210	2 156 320
	1958	1/58-7/58	ALL	315 209	374 810	4	1200(36)	2 156 321	2 213 922
	1959	8/58-5/59	ALL	374 811	469 505	4	1200(36)	2 215 923	3 399 999
	1960	6/59-4/60	ALL	469 506	614 455	4	1200(40)	3 400 000	5 000 000
	1961	5/60-7/61	ALL	614 456	802 985	4	1200(40)	5 000 001	5 979 933
	1962	8/61-7/62	ALL	802 986	971 549	4	1200(40)	5 979 934	6 914 250
	1963	8/62-7/63	ALL	971 550	1 144 281	4	1200(40)	6 914 251	7 816 340
		1/63-7/63	ALL	1 041 014	1 144 281	4	1500	143 543	578 877
	1964	8/63-7/64	ALL	1 144 282	1 328 871	4	1200	7 816 341	8 785 397
		8/63-7/64	ALL	1 144 282	1 328 871	4	1500	578 878	713 767
	1965	8/64-10/64	ALL	215 000 001	215 036 651	4	1200	8 785 398	8 964 999
		8/64-7/65	ALL	215 000 001	215 100 000	4	1500	713 768	1 100 000
	1966	8/65-7/66	ALL	216 000 001	216 100 000	4	1500	H 0 000 001	H 0 183 372
	1967	8/66-7/67	ALL	217 000 001	217 148 458	4	1500	H 0 183 373	H 0 761 324
	1968	8/67-7/68	ALL	218 000 001	218 220 000	4	1600	B 5 000 000	B 5 050 173
	1969	8/68-7/69	ALL	219 000 001	219 300 000	4	1600	B 5 050 174	B 5 116 436
	1970	8/69-7/70	ALL	210 2000 001	210 2300 000	4	1600	B 5 116 437	B 5 230 000
	1971	8/70-7/71	ALL	211 2000 001	211 2300 000	4	1600	AE 0 000 001	AE 0 529 815
	1972	8/71-7/72	ALL	212 2000 001	212 2300 000	4	1700	CB 0 000 001	CB 0 060 640
	1973	8/72-7/73	M/T	213 2000 001	213 2300 000	4	1700	CB 0 060 641	CB 0 010 138
		8/72-7/73	A/T	213 2000 001	213 2300 000	4	1700	CD 0 000 001	CD 0 008 722
	1974	8/73-12/73	M/T, EX CA	214 2000 001	214 2094 429	4	1700	CB 0 101 139	CB 0 110 000
		8/73-12/73	A/T, EX. CA	214 2000 001	214 2094 429	4	1700	CD 0 008 723	CD 0 011 000
		8/73-7/74	EX. CA	214 2000 001	214 2300 000	4	1800	AW 0 000 001	AW 0 037 000
		1/74-7/74	CA	214 2094 430	214 2300 000	4	1800	ED 0 000 001	ED 0 000 639
	1975	8/74-7/75	ALL	215 2000 001	215 2300 000	4	1800	ED 0 000 640	ED 0 025 000
	1976	8/75-7/76	ALL	216 2000 001	216 2300 000	4	2000	GD 0 000 001	GD 0 027 786
	1977	8/76-6/77	ALL	217 2000 001	217 2300 000	4	2000	GD 0 027 787	GD 0 055 800
	1978	7/77-7/78	ALL	218 2000 001	218 2300 000	4	2000	GE 0 007 083	GE 0 039 331
	1979	8/78-7/79	ALL	219 2000 001	219 2300 000	4	2000	GE 0 039 332	GE 0 058 786
TYPE III	1964	8/63-7/64	ALL	211 975	483 592	4	1500	255 340	633 330
	1965	8/64-7/65	ALL	315 000 001	315 220 883	4	1500	633 331	1 100 000
	1966	8/65-7/66	ALL	316 000 001	316 500 000	4	1600	T 0 000 001	T 0 260 000
	1967	8/66-7/67	ALL	317 000 001	317 500 000	4	1600	T 0 260 001	T 0 476 124
	1968	8/67-7/68	ALL	318 000 001	318 500 000	4	1600	U 0 000 001	U 0 093 651
	1969	8/68-7//69	ALL	319 000 001	319 500 000	4	1600	U 0 093 652	U 0 231 100
	1970	8/69-7/70	ALL	310 2000 001	310 2500 000	4	1600	U 0 231 101	U 0 366 020
	1971	8/70-7/71	ALL	311 2000 001	311 2500 000	4	1600	U 0 366 021	U 0 502 000
	1972	8/71-7/72	EX. CA	312 2000 001	312 2500 000	4	1600	U 5 000 001	U 5 057 000
		8/71-7/72	CA	312 2000 001	312 2500 000	4	1600	X 0 000 001	X 0 004 000
	1973	8/72-7/73	ALL	313 2000 001	313 2500 000	4	1600	U 5 057 001	U 5 090 000

NEW UNIVERSAL ENGINE CASE (MAGNESIUM ALLOY) AS41

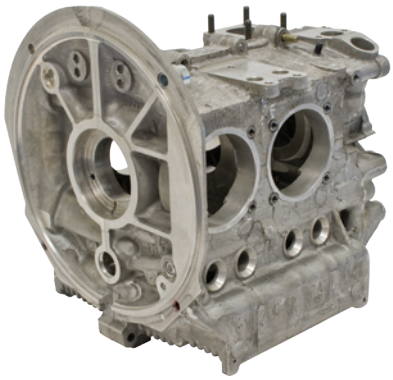
Our new universal, dual relief Engine Case is the latest AS41 version and features a medium oil pick-up tube. For stock 1500-1600cc replacement, or can be modified for hi-performance and racing applications. Uses Metal Cam Plug 113-101-157C or Aluminum Cam Plug with O-Ring P/N 16-9524.

- **Magnesium Alloy** Cases Weigh Approximately 25lbs
- 8mm Steel Case Savers
- Includes Oil Pick-Up Tube

98-0431-B Stock AS41 Engine Case
(Ref. P/N: 043 101 025), (Ref. P/N: 043 101 102A), (Ref. P/N: 043 101 033)

98-0438-B NEW! AS41 Engine Case (Big Bore)
Bored for 90.5 / 92mm and clearanced for 82mm crank.

98-0440-B NEW! AS41 Engine Case (Big Bore)
Bored for 94mm and clearanced for 82mm crank.



Deck Volume Table (CC's)

Deck Height	Piston Size			Deck Height In CC's		
	85.5	87	88	90.5	92	94
.030"	4.36	4.51	4.62	4.88	5.04	5.27
.035"	5.16	5.34	5.47	5.78	5.97	6.24
.040"	5.79	6	6.13	6.49	6.71	7
.045"	6.71	6.54	7.11	7.52	7.77	8.11
.050"	7.28	6.95	7.72	8.16	8.43	8.8
.055"	8.03	8.31	8.51	9	9.3	9.71
.060"	8.72	9.03	9.24	9.77	10.09	10.54
.065"	9.46	9.8	10.03	10.6	10.96	11.44
.070"	10.15	10.51	10.75	11.37	11.76	12.27
.075"	10.9	11.28	11.55	12.21	12.62	13.17
.080"	11.64	12.06	12.34	13.05	13.48	14.08
.085"	12.33	12.77	13.06	13.82	14.28	14.91

Engine Displacement Table

Bore	Stroke		Engine Displacement In CC's			
	64	69	74	76	78.4	82
77	1192*	1286**	1378	1415	1460	1527
83	1385	1493+	1601	1644	1696	1774
85.5	1496	1584++	1699	1745	1800	1882
87	1521	1641	1759	1806	1863	1949
88	1556	1679	1799	1848	1906	1994
90.5	1646	1776	1903	1955	2016	2110
92	1700	1835	1967	2020	2084	2180
94	1776	1915	2052	2109	2175	2275

*** Stock 1200cc; ** Stock 1300cc; + Stock 1500cc; ++Stock 1600cc**

Bore (mm) x Bore (mm) x Stroke (mm) x .0031416 = Engine Displacement in CC's

Example: 87 x 87 x 69 x .0031416 = 1641cc

To get the volume for one (1) cylinder in CC's, simply divide by four (4).

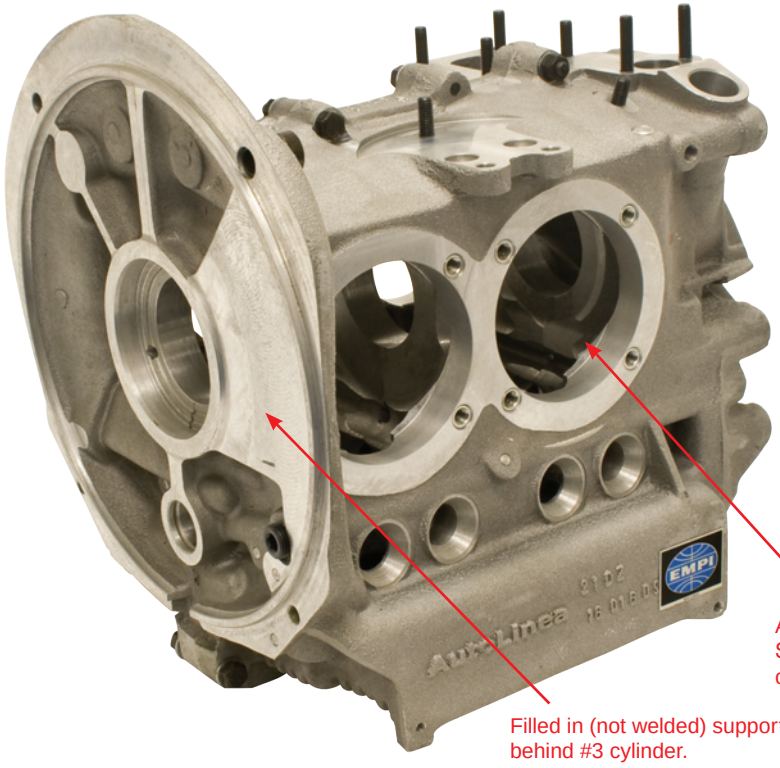
Example: 1641 ÷ 4 = 410.25cc

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EMPI H.D. BUBBLE TOP ENGINE CASES

EMPI engine cases are all new construction with numerous design features added in right from the start. All cases are made from high quality aluminum alloy and are fully CNC machined following strict quality control standards. See all features below plus the note about crank pulleys.

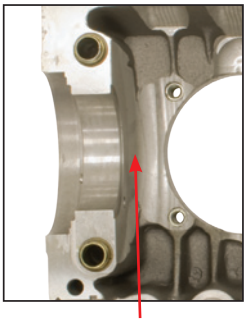
Part#	Brand	Style	Material	Shuffle Pins	Crank Clearance	Full Flow	Sand Seal	Cyl. Size	Case Studs Size
98-0453-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	No	90.5/92mm	8mm
98-0465-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	Yes	90.5/92mm	8mm
98-0463-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	No	90.5/92mm	10mm
98-0466-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	Yes	90.5/92mm	10mm
98-0454-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	No	94mm	8mm
98-0467-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	Yes	94mm	8mm
98-0464-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	No	94mm	10mm
98-0468-B	Autolinea	Bubble Top	Aluminum	Yes	86mm	Yes	Yes	94mm	10mm



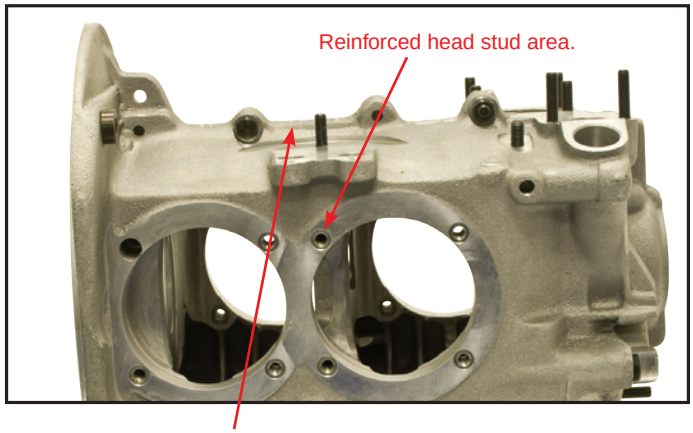
These Cases Feature:

- These cases weigh approximately 41 to 44 lbs.
- Made from high quality Aluminum with numerous design features.
- Dual Relief Design for Type 1, 2 or 3 applications.
- Shuffle Pins (6) on all main saddles for a snug fit, zero gap and longevity.
- Bubble Top / Raised Roof Design with a strong radius design adding strength and allowing additional clearance for up to an 86mm Crank.
- Ported and smoothed for better flow.
- Filled in (not welded) support behind #3 cylinder.
- Drilled & Tapped for Full Flow – w/plugs supplied.
- Main Oil Gallery tapped for ease of cleaning.
- Large Oil pick-up tube.
- Available machined for Sand Seal.
- Available in 2 Bore Sizes and for 8mm or 10mm Studs.
- Modification to Fan Housing Required.
- Uses Metal Cam Plug 113-101-157C or Aluminum Cam Plug with O-Ring P/N 16-9524.
- Sand Seal in chart above means that it is already machined for the Sand Seal (EMPI Part Number 9112). Use with EMPI Machine-In Sand Seal pulley.
- For cases that are not machined for a Sand Seal, you must use a steel hub pulley or a bolt-in Sand Seal pulley kit.

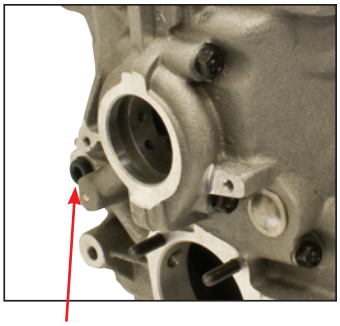
EMPI H.D. BUBBLE TOP ENGINE CASES



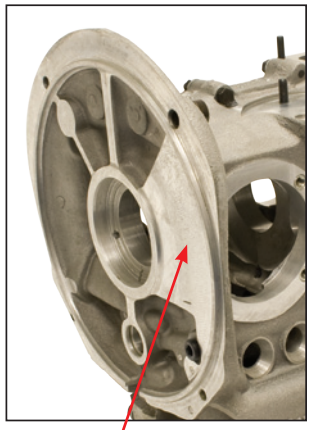
Filled in solid and then Clearanced for 86mm Crank



Bubble Top / Raised Roof Design with a strong radius design adding strength and allowing additional clearance for up to an 86mm Crank.



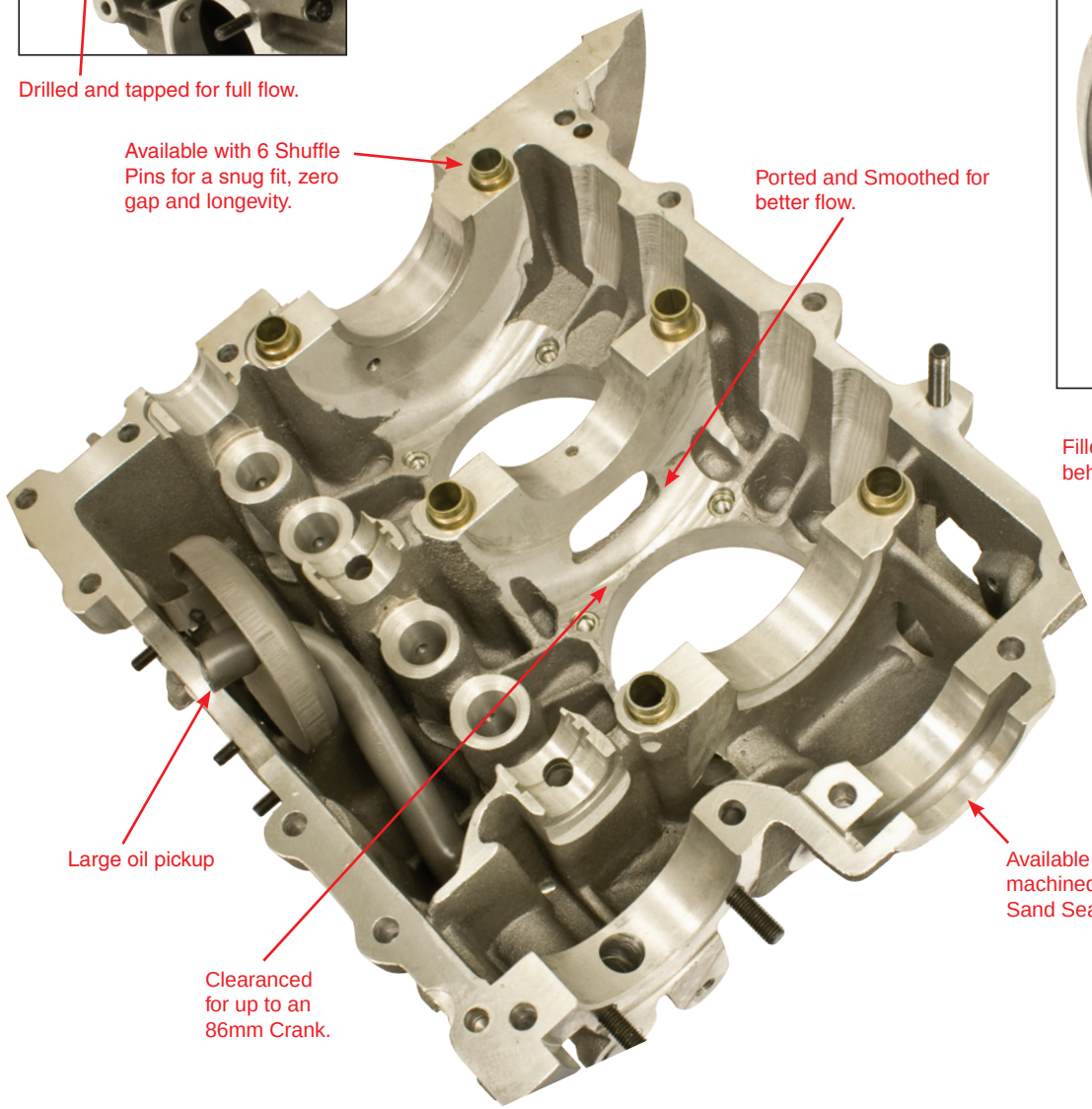
Drilled and tapped for full flow.



Filled in (not welded) support behind #3 cylinder.

Available with 6 Shuffle Pins for a snug fit, zero gap and longevity.

Ported and Smoothed for better flow.



Large oil pickup

Clearanced for up to an 86mm Crank.

Available machined for Sand Seal.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

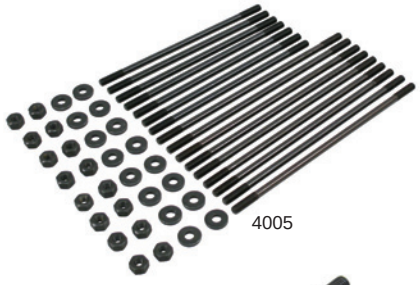
ENGINE COMPONENTS

4020

CHROMOLY CASE STUDS

EMPI's Chromoly Case Studs provide superior and even clamping force required by today's hi-performance VW engines. Our Chromoly Studs are made from high-grade Chromoly and precision machined to resist stretch and fatigue. EMPI Chromoly Case Studs are available with 8mm or 10mm threads, stock length or +1/2" longer for stroker applications or other variables. Each kit is complete with O.E. style hardened washers and hex nuts.

4020 Stock Length 8mm Chromoly Case Stud Kit, for Dual Port Heads
(Ref. P/N: 043 198 035DP)
4021 +1/2" Longer 8mm Chromoly Case Stud Kit, for Dual Port Heads


4005

4009 Stock Length 10mm Chromoly Case Stud Kit, for Dual Port Heads
4010 +1/2" Longer 10mm Chromoly Case Stud Kit, for Dual Port Heads

4005 Stock Length 8mm Chromoly Case Stud Kit, for Single Port Heads
(Ref. P/N: 043 198 035SP)

SELF TAPPING CASE STUDS

A quick repair for stripped head studs. The rolled threads of our 10mm studs provide maximum hold and metal chips are effectively collected by the slot and hole design. Sold in Bulk Per Stud.

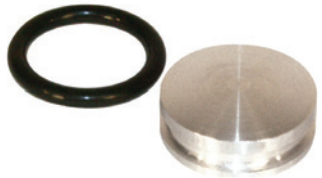
4025 1500-1600cc, Lower, 9 3/8" (240mm), Each

4011

CASE SAVER INSERTS

Repair stripped and worn head stud threads. Case savers provide greater hold. Each kit has 8 inserts. ***NOTE: Engine must be disassembled and case machined.**

4011 Case Saver, 10mm-1.5 I.D. x 1/2-20 O.D., Set of 8
4012 Case Saver, 10mm-1.5 I.D. x 14mm-2.0 O.D., Set of 8
4003 Case Saver, 8mm-1.25 I.D. x 14mm-2.0 O.D., Set of 8
4004 Case Saver, 8mm-1.25 I.D. x 12mm-1.5 O.D., Set of 8



BILLET CAM PLUG WITH O-RING

Use this Billet cam plug during engine assembly for a secure, leak free seal. Case must be machined for Cam Plug groove.

16-9524 Billet Cam Plug with O-Ring

98-0156

98-0157

CAM PLUG

Always use a new Cam Plug to ensure a leak free seal.

98-0156 Cam Plug, Metal, for Case w/Groove, 1300-1600cc
(Bulk P/N: 113 101 157C)
98-0157 Cam Plug, Rubber, for O.E. Case w/o Groove
(Bulk P/N: 040 101 157)

HARDWARE - NUTS / WASHERS / STUDS

98-0143-B Cylinder Head Hex Nut, 10mm, Each
(Ref. P/N: 021 101 457)

98-0144-B Cylinder Head Hex Nut, 8mm, Each
(Ref. P/N: 043 101 457)

98-0145-B Cylinder Head Washer, 10mm, Each
(Ref. P/N: 111 101 461)

98-0146-B Cylinder Head Washer, 8mm, Each
(Ref. P/N: 043 101 465)

98-8735-B NEW! 6mm/8mm x 23mm Step Stud, Each
(Ref. P/N: N144521) Used on the oil drain sump plate when the stock thread is stripped out. Requires tapping of case to 8mm. The 8mm end of stud goes into the case and the 6mm end sticks out.

98-8736-B NEW! M8-1.25 x 50mm Double End Stud, Each
(Ref. P/N: N143968) This stud has a non-threaded area in the middle. These studs are used in a variety of locations including intake studs, exhaust studs, oil pumps, fuel pumps, etc.

98-8737-B NEW! M10-1.5 x 85mm Double End Stud, Each
(Ref. P/N: N145251) This stud has a non-threaded area in the middle. Fits all engines except where 091 transmission is used. Two studs are needed to mount case to the transaxle.

98-8739-B NEW! M8-1.25 x 38mm Double End Stud, Each
(Ref. P/N: N144438) This stud has a non-threaded area in the middle. These studs are used in a variety of locations including intake studs, exhaust studs, oil pumps, fuel pumps, etc.

98-8740-B NEW! M6 x 1.0 / M8 x 1.25 x 31mm Double End Repair Stud, Each
(Ref. P/N: N144021) Single port heads have 6mm threads. Fits Type 1 45-70, Ghia 56-74, Type 2 50-70, Type 3 62-66. The 6mm threaded hole can be tapped to 8mm.

ENGINE MOUNTING BOLT SET

Complete Engine Mounting Bolt Set used for mounting VW Type 1 Engine Cases to Type 1 Transmissions.

9551 NEW! Engine Mounting Bolt 5 Piece Set
Late case using Dog House Type Cooler (71-on)

Bulk Components:

Bulk P/N: N104707 NEW! Engine Mount Bolt, 10 x 70mm, Ea.
Bulk P/N: N110102 NEW! Nut F/ Engine Mt. Bolt, Ea.
Bulk P/N: 111 199 101 Starter Bolt, Ea.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

16-9519

MAIN BEARING DOWEL PIN SET (5)

Set of 5 standard length main bearing dowel pins for engine assembly.

16-9519 Main Bearing Dowel Pin Set (5)
(Bulk P/N: 111 101 123) Each

17-2983 NEW!

ENGINE INTAKE & EXHAUST NUTS

17-2983 NEW! 6 Point 8mm Engine Nuts, Gold Zinc Plated, 8 pcs
8mm-1.25 Thread, uses 10mm Wrench Size

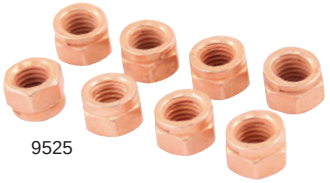
43-6051

43-6051 Brass 8mm-1.25 thread, 11mm Head,
Int./Exh. Nuts, Set of 8

43-6051-B Bulk Brass 8mm-1.25 thread, 11mm Head,
Int./Exh. Nuts, Bag of 100

B250520

B250520 HD Racing Exhaust Nuts, Silver Zinc Plated, Set of 8
8mm-1.25 Thread, 11mm Head


9525

9525 Exhaust Lock Nut Set, 12mm Head
8mm-1.25 Thread, Copper, 8pcs.

9525-B Bulk Exh. Lock Nuts, Copper, Bag of 100
(Ref. P/N: 175 129 650)

17-2988

17-2988 12 Point 8mm Engine Nuts, Black, 8 pcs
8mm-1.25 Thread, uses 10mm 12 Point Socket

ENGINE LOCK NUT KIT

Don't let a bunch of old rusty nuts ruin the appearance of your next engine rebuild. Bright zinc nylock nuts resist vibration, maintain torque and prevent oil seepage even in the roughest conditions.

9521 Engine Lock Nut Kit

9521

DELUXE ENGINE HARDWARE KIT

You get all the necessary hardware you need to assemble your engine just the way it rolled off the assembly line.

4018 Deluxe Engine Hardware Kit, 8mm
4019 Deluxe Engine Hardware Kit, 10mm

4018

4019

ENGINE HARDWARE KITS

All the bolts, nuts and washers required for the assembly of the engine.

9523 Complete Engine Hardware Kit, 10mm

9524 Shroud Screw Kit, 12 Pcs.
9524-B Bulk Shroud Screws, Bag of 100
(Ref. P/N: N 10 710 8)

9523

9524

ENGINE CASE HARDWARE KIT

98-8635 NEW! Engine Case Hardware Kit,
All 1600cc Style Engines
(Bulk P/N: 113 198 033)

NEW!
98-8635

OIL DIPSTICK ADAPTER

Converts Type 3 and universal cases which have not been machined for a dipstick tube.

8932 Oil Dipstick Adapter w/Gasket

TYPE 3 BLOCK-OFF KIT

Use on late style and Type 3 cases to block off oil fill opening to convert to upright applications. Complete with cast aluminum block-off plate and gasket.

8931 T-3 Block-Off Kit
16-9516 Billet T-3 Block-Off Kit

TYPE 3 BLOCK-OFF PLATE

Complete with thick metal block-off plate and gasket.

98-1170 Block-Off Plate, Dipstick Hole, Type 3
(Bulk P/N: 113 115 349)
98-1171 Block-Off Plate, Dipstick Hole with 1/8" NPT Tapped Hole
(Bulk P/N: 113 115 349T)

STOCK DIPSTICK

Stock Replacement Dipstick. Silver Zinc plated.

113 115 611 **98-1162-B** Stock Dipstick, 1200-1600cc

CHROME DIPSTICK

Stock length. All EMPI dipsticks are designed to fit both stock and aftermarket engine cases.

9054 Chrome Dipstick, Stock Length

BILLET STYLE DIPSTICK

Stock length dipstick with machined aluminum Billet style handle. Available in Aluminum, Black, Blue or Red Anodized.

8500 Billet Style Dipstick, Aluminum
18-1094 NEW! Billet Style Dipstick, Black
18-1095 NEW! Billet Style Dipstick, Blue
18-1096 NEW! Billet Style Dipstick, Red

DIPSTICK BOOT

This boot was designed for late model Buses, but is really a universal fit. Install on your Type 1 engine case with stock or aftermarket dipstick. Keeps the oil in…and the dirt out!

98-9610 Dipstick Boot, Universal, Each
(Bulk P/N: 021 119 245)

HEX HEAD OIL RELIEF SPRING PLUG, PR.

A long overdue solution to the removal and replacement of relief plugs. These threaded steel hex head plugs eliminate the need for that giant screwdriver. We now offer the aluminum crush sealing washer.

16-9527 Hex Head Oil Relief Spring Plug, Pr.
98-8738-B NEW! Washer, Oil Relief Valve, Each
(Ref. P/N: N0138174)

FUEL PUMP BLOCK-OFF / MOUNT

Aluminum block off with 12mm x 1.5 threaded breather boss. Includes mounting gasket.

9094 Fuel Pump Block-Off w/Boss

BILLET FUEL PUMP BLOCK-OFF

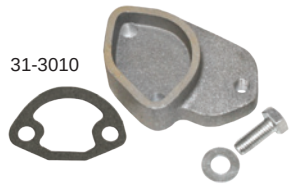
Billet Aluminum fuel pump block-off. Available in Polished Aluminum, Black, Blue or Red Anodized. Hardware and gasket included.

31-3011 Billet Fuel Pump Block-Off w/Hardware, Polished
18-1091 NEW! Billet Fuel Pump Block-Off w/Hardware, Black
18-1092 NEW! Billet Fuel Pump Block-Off w/Hardware, Blue
18-1093 NEW! Billet Fuel Pump Block-Off w/Hardware, Red

ELECTRIC FUEL PUMP MOUNT KIT

Allows for the installation of EMPI or Facet electric fuel pumps in the stock pump location. Hardware and gasket included.

31-3010 Electric Fuel Pump Mount Kit



BILLET FUEL PUMP BLOCK-OFF w/ VENT

Polished aluminum Fuel Block-Off features a 3/8 NPT outlet for vent. Hardware and gasket included.

17-2927 Billet Fuel Pump Block-Off

BILLET COMBO FUEL PUMP BLOCK-OFF / COIL MOUNT

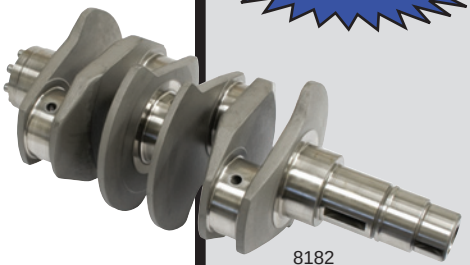
Aluminum Combo Mount serves as a fuel pump block-off, breather vent and ignition coil holder. Features a 3/8 NPT outlet for vent. Great looking and functional. Available in Polished Aluminum, Black, Blue or Red Anodized. Hardware and gasket included.

17-2926 Billet Combo Fuel Pump Block-Off / Coil Mount, Polished
18-1088 NEW! Billet Combo Fuel Pump Block-Off / Coil Mount, Black
18-1089 NEW! Billet Combo Fuel Pump Block-Off / Coil Mount, Blue
18-1090 NEW! Billet Combo Fuel Pump Block-Off / Coil Mount, Red

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

BUGPACK 4340 CHROMOLY STROKER CRANKS

Forged



8182

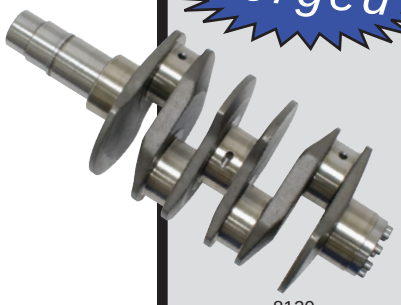
Bugpack has developed this high quality counter-weighted Stroker Crank with the serious racer in mind. Multiple die stamp forged from 4340 chromoly (One of the strongest materials available for crankshafts). Cranks are then magna fluxed, shot peened and all journals are nitrided, precision ground and micro polished. Additional features include dynamic balancing, drilled to 8 dowel and 8mm dowel pins are installed. Choose the journal size and stroker combination that best suits your application.

8180	76 Stroke Counter-weighted Crankshaft, VW Journals
8181	78 Stroke Counter-weighted Crankshaft, VW Journals
8182	82 Stroke Counter-weighted Crankshaft, VW Journals
8185	76 Stroke Counter-weighted Crankshaft, Chevy Journals
8186	78 Stroke Counter-weighted Crankshaft, Chevy Journals
8187	82 Stroke Counter-weighted Crankshaft, Chevy Journals
8188	84 Stroke Counter-weighted Crankshaft, Chevy Journals

Note: Stroker Cranks require machining of case and possibly other internal components for rod clearance.

EMPI 4140 CHROMOLY CRANKSHAFTS

Forged

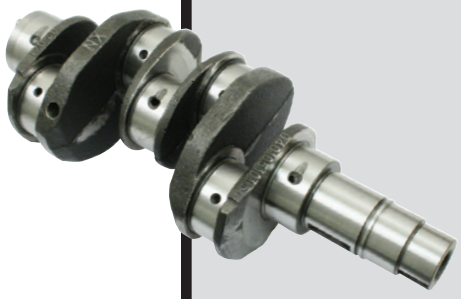


8120

The heart of any hi-performance engine is the crankshaft. Counter-weighted crankshafts greatly reduce power robbing and damaging crank-flex, high RPM harmonics and vibration through the entire power range. EMPI's Counter-weighted Crankshafts are perfect for the racer on a budget. These cranks are precision ground, micro-polished, nitrided and balanced. Features include: forged from 4140 chromoly, radiused standard/standard journals, drilled to 8 dowel and 8mm dowel pins are installed. Available in stock 69mm stroke or 74mm stroker versions. Both use stock VW main and rod bearings.

8120	69mm Counter-weighted Crankshaft
8121	74mm Counter-weighted Crankshaft

NEW DIRECT DRILLED CRANKSHAFT



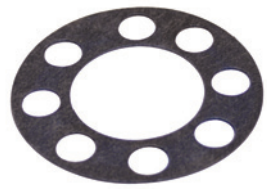
In cross-drilled crankshafts the pressure is divided in two directions, creating a zone of turbulence causing effects similar to oil foaming that reduces constant lubrication. **DIRECT DRILLED** Crankshafts force the oil in one direction for better full flow lubrication. 4 dowel, with dowel pins. These cast Cranks are New Standard/ Standard with stock 69mm stroke.

043 105 101	**98-1510-B**	69mm Direct Drilled Cast Crankshaft

COMPETITION LENGTH CRANKSHAFT DOWEL PINS

These longer length dowel pins fit deeper into the crankshaft to protect against shearing under high twist loads. Available with stock 8mm diameter or 11/32" if your crankshaft has elongated holes. Crankshaft may have to be drilled deeper to accept longer .750 dowel pins. Both of these dowel pins are 19mm long. Sold in sets of 8. We now offer stock length dowel pins in bulk, each.

8141



8142

98-8600 NEW! 8mm Stock Length Dowel Pin, Set of 8
(Bulk P/N: 113 105 277, Each)

8140	8mm Competition Dowel Pin, Set of 8
8141	11/32" Competition Dowel Pin, Set of 8
8142	8 Hole Paper Gasket, 8mm Holes, Pack of 10

5004	Crankshaft & Flywheel Drill Fixture (8mm)

5004

CRANKSHAFT INSTALLATION KIT

Includes new timing gear, distributor drive gear, distributor drive pinion, oil slinger, retaining clip and woodruff keys. Fits 1200-1600cc. (7 pc. Kit). See pages 501-509 for tools.

8105 Crankshaft Installation Kit, 1200-1600cc (7 pcs.)

113 105 209	**98-1520-B**	Timing Gear, 1200-1600cc
111 105 223	**98-1523-B**	Distributor Drive Gear, 1200-1600cc
113 105 231B	**98-1531-B**	Distributor Drive Pinion, 1200-1600cc
113 105 241A	**98-1541-B**	Oil Slinger, 1200-1600cc
111 105 227	**98-1527-B**	Retaining Clip, 1200-1600cc
111 105 213	**98-1521-B**	Woodruff Key, Timing Gear, 1200-1600cc
113 105 249	**98-1549-B**	Woodruff Key, Crank Pulley, 1200-1600cc
111 105 233	**98-0115-B**	Distributor Drive Pinion Spring, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each Not in Kit P/N 8105
113 105 219	**98-1522-B**	Spacer Ring, 1200-1600cc, Each
111 105 235A	**98-1532-B**	Distributor Drive Washer, 6mm

113 105 209 (8105)

111 105 223 (8105)

113 105 231B (8105)

111 105 233

113 105 241A (8105)

111 105 227 (8105)

111 105 213 (8105)

113 105 249 (8105)

113 105 219

111 105 235A

PERFORMANCE CRANKSHAFT GEAR SPACER

Gear spacer failure can be a costly event. The stock spacer was never intended to survive the stress of today's high output engines. Our Performance Spacer replaces the stock unit with a solid ring of safety for your gear train.

16-9522 Performance Crankshaft Gear Spacer, Each

16-9522

BUGPACK FORGED 4340 CHROMOLY H-BEAM RODS

Bugpack's H-Beam Rods are a must if you are planning on building an all out performance engine. Race proven H-Beam design combines weight savings and high strength thanks to the forged 4340 chromoly construction. Radiused rod caps help reduce the amount of clearancing required on stroker applications and are sleeved to the rod to eliminate cap shifting. Precision machined rods are magna fluxed and sold in matched weight sets of 4. All held together with forged ARP 5/16" bolts capable of withstanding 220,000 psi tensile load. EMPI's H-Beam Rods are the perfect match to our stroker cranks. (Torque to 26 ft. lbs.) (Sets of 4).

8310

8310 H-Beam Rods, 5.400" Length, VW Journal 2.165"/55mm (ARP Bolts)
8311 H-Beam Rods, 5.500" Length, VW Journal 2.165"/55mm (ARP Bolts)
8312 H-Beam Rods, 5.600" Length, VW Journal 2.165"/55mm (ARP Bolts)

8320 H-Beam Rods, 5.400" Length, Chevy Journal 2.000"/51mm (ARP Bolts)
8321 H-Beam Rods, 5.500" Length, Chevy Journal 2.000"/51mm (ARP Bolts)
8323 H-Beam Rods, 5.700" Length, Chevy Journal 2.000"/51mm (ARP Bolts)

8303 Chevy Journal Rod Bearings, .020 (Mahle Brazil)
8304 Chevy Journal Rod Bearings, .030 (Mahle Brazil)

8308

8308 ARP 2000 H-Beam 5/16" Rod Bolts, 220,000 psi tensile load, Set of 8
8309 EMPI H-Beam 5/16" Rod Bolts Only, Set of 8
8310-6 Bushing for H-Beam Rods, Ea

MAHLE

ROD BEARINGS & BUSHINGS MAHLE BRAZIL

113 105 701	**98-1575-B**	Rod Bearing Set, Std., 1200-1600cc
113 105 707	**98-1577-B**	Rod Bearing Set, .25mm, 1200-1600cc
113 105 713	**98-1571-B**	Rod Bearing Set, .50mm, 1200-1600cc
113 105 719	**98-1579-B**	Rod Bearing Set, .75mm, 1200-1600cc
311 105 431A	**98-1570-B**	Rod Bushing Set, Set of 4

98-1571-B

CHEV ROD BEARINGS MAHLE / CLEVITE USA

98-1599-C	Chev Rod Bearings, Std.
98-1600-C	Chev Rod Bearings, .25mm
98-1601-C	Chev Rod Bearings, .50mm
98-1602-C	Chev Rod Bearings, .75mm

98-1599-C

See pages 14 & 15 for all Rod Bearings

EMPI FORGED CHROMOLY I-BEAM RODS

EMPI's I-Beam Rods use the O.E. design, but are forged from chromoly to give you a high strength rod that's easy on your budget. EMPI 3/8" 8740 200,000 psi tensile load rod bolts add all the strength and reliability necessary for this rod design. Radiused caps aid in stroker clearancing. Combine with an EMPI counter weighted crank to build a dependable lower end for moderate performance engines. All rods are sold in matched weight. Torque these 3/8" bolts to 38 ft. lbs. Sets of 4.

8340

8340 I-Beam Rod, 5.394", VW Journal 2.165"/55mm (EMPI 3/8" Rod Bolts), Set of 4
8341 NEW! I-Beam Rod, 5.500", VW Journal 2.165"/55mm (EMPI 3/8" Rod Bolts), Set of 4
8351 I-Beam Rod, 5.500", Chevy Journal 2.000"/51mm (EMPI 3/8" Rod Bolts), Set of 4
8352 NEW! I-Beam Rod, 5.400", Chevy Journal 2.000"/51mm (EMPI 3/8" Rod Bolts), Set of 4
8355 ARP 8740 3/8" I-Beam Rod Bolts Only, Set of 8

NEW FORGED STOCK REPLACEMENT CONNECTING RODS

Connecting Rods are the vital link between the piston and crank. Don't take a chance by using worn rods in your engine. EMPI offers **Brand New** units made to factory specifications. Torque these rod bolts to 30ft lbs.

311 105 401B **98-0153-B** New Connecting Rods, 1300-1600cc, Set of 4

EMPI CHROMOLY RACING FLYWHEEL

This chromoly version of our lightened flywheel is the answer for anyone looking for the ultimate in durability under extreme conditions. One piece chromoly construction and offset 8-dowel hole pattern along with a weight of approximately 13 lbs., make this fully balanced flywheel the best option for a high performance engine. 12-Volt 200mm (130 teeth) O-ring style.

4099 Chromoly Flywheel, 12-Volt, 200mm, (Boxed)

Forged

4099

NEW FLYWHEELS

Worn-out and defective flywheels can cause a host of problems, from leaking crankshaft seals to broken starter drive gears to clutch chatter and failure. Our flywheels are manufactured to exacting specifications from high grade steel and balanced. The lightweight version is drilled for 8 dowel pins and lightened to approximately 13 lbs. Both are 200mm 12-Volt (130 teeth) O-ring style. Fits Type 1/2/3 1300-1600cc.

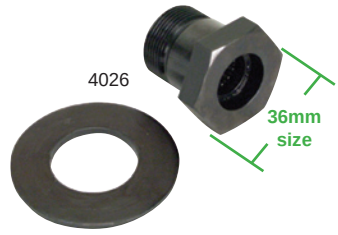
311 105 273A **98-1273-B** Flywheel, Stock Style, 4 Dowel Pin, 200mm (Boxed)
311 105 273HP **98-1275-B** Flywheel, Lightened, 8 Dowel Pin (Boxed)

98-1275-B

EMPI HI-PERFORMANCE CHROMOLY GLAND NUT

Don't take a chance on stock gland nuts in high performance applications. This ultra strong bad boy is made from 4130 chromoly. The extra strength chromoly and concave spring steel washer provide maximum holding power. Fitted with special pre-greased needle bearing and grease seal. Compatible with stock 4 dowel pin and 8 dowel pin flywheels and features a 36mm nut size.

4026 Chromoly Gland Nut w/Washer



CHROMOLY GLAND NUT & WASHER

Our Heavy Duty Gland Nut set includes an O.E.M. type gland nut and heavy duty washer for extra load capacity and increased torque capabilities. Fitted with special pre-greased needle bearing along with felt seal and retainer. Provides the perfect upgrade for most high performance and all stock applications.

4029 Chromoly Gland Nut & Washer Kit
4029-B Bulk Chromoly Gland Nut Only, Each
(Ref. P/N: 111 105 305E)
4030 H.D. Washer Only, Each
4030-B Bulk H.D. Washer Only, Each
(Ref. P/N: 111 105 297)

FLYWHEEL SEALS

EMPI's High Quality Silicone Flywheel Seal provides outstanding sealing qualities in the most severe conditions. Resistant to failure due to extreme temperature.

32-1545 Red Silicone Flywheel Seal, Each
(Bulk P/N : 113 105 245FS)
32-1546 Red Silicone Flywheel Seal, Each (Elring)
(Bulk P/N: 113 105 245FG)

98-0150-B Flywheel Seal, 1.7-2.0L, Type 4 Engines
(Ref. P/N: 029 105 245B)
98-1283-B O-Ring, Flywheel, Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each
(Ref. P/N: 311 105 295A)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

SILVERLINE STEEL BACK MAIN BEARINGS

Manufactured in Mexico by **Silverline** -an Original Equipment Supplier. Top engine builders will tell you that all aluminum center main bearings can cause increased bearing wear or premature failure and will eventually pound-out the center main web of the engine case due to the bearing's softer construction. The cure...new Silverline Engine bearings - with **STEEL** Backing and an Aluminum Face. OEM Quality Main Bearings with **STEEL** Backing. Available in sizes to fit most case and crank combinations.

MAIN BEARINGS

Silverline ENGINE BEARINGS

Sizes listed are in Metric, US equivalent measurements are:	
.25mm = .010"	1.00mm = .040"
.50mm = .020"	1.50mm = .060"
.75mm = .030"	2.00mm = .080"

STANDARD CASE/MACHINED CRANKS

111 198 461MX	**98-1461-S**	Main Brg. Set, Std./Std., 1200-1600cc
111 198 463MX	**98-1463-S**	Main Brg. Set, Std./.25mm, 1200-1600cc
111 198 465MX	**98-1465-S**	Main Brg. Set, Std./.50mm, 1200-1600cc
111 198 467MX	**98-1467-S**	Main Brg. Set, Std./.75mm, 1200-1600cc
021 198 481AMX	**98-1451-S**	Main Brg. Set, Std./Std., 1.7-2.0L Type 4
021 198 483AMX	**98-1452-S**	Main Brg. Set, Std./.25mm, 1.7-2.0L Type 4
021 198 485AMX	**98-1593-S**	Main Brg. Set, Std./.50mm, 1.7-2.0L Type 4
021 198 487AMX NEW!	**98-1605-S**	Main Brg. Set, Std./.75mm, 1.7-2.0L Type 4

LINE BORED CASE/STANDARD CRANK

111 198 471MX	**98-1471-S**	Main Brg. Set, .50mm/Std., 1200-1600cc
111 198 481MX	**98-1481-S**	Main Brg. Set, 1.00mm/Std., 1200-1600cc

LINE BORED CASE/MACHINED CRANK

111 198 473MX	**98-1473-S**	Main Brg. Set, .50mm/.25mm, 1200-1600cc
111 198 475MX	**98-1475-S**	Main Brg. Set, .50mm/.50mm, 1200-1600cc
111 198 477MX	**98-1477-S**	Main Brg. Set, .50mm/.75mm, 1200-1600cc
111 198 479MX	**98-1479-S**	Main Brg. Set, .50mm/1.00mm, 1200-1600cc
111 198 483MX	**98-1483-S**	Main Brg. Set, 1.00mm/.25mm, 1200-1600cc
111 198 485MX	**98-1485-S**	Main Brg. Set, 1.00mm/.50mm, 1200-1600cc
111 198 487MX	**98-1587-S**	Main Brg. Set, 1.00mm/.75mm, 1200-1600cc

MAIN BEARINGS

LINE BORED CASE/STANDARD CRANK, W/1.00MM O/S THRUST

111 198 471OSMX	**98-1710-S**	Main Brg. Set, .50mm/Std./1.00mm,1200-1600cc
111 198 481OSMX	**98-1810-S**	Main Brg. Set, 1.00mm/Std./1.00mm,1200-1600cc
021 198 491OSMX NEW!	**98-1606-S**	Main Brg. Set, .50mm/Std./1.00mm,1.7-2.0L Type 4

LINE BORED CASE/MACHINED CRANK,W/1.00MM O/S THRUST

111 198 473OSMX	**98-1740-S**	Main Brg. Set, .50mm/.25mm/1.00mm, 1200-1600cc
111 198 475OSMX	**98-1750-S**	Main Brg. Set, .50mm/.50mm/1.00mm, 1200-1600cc
111 198 477OSMX	**98-1770-S**	Main Brg. Set, .50mm/.75mm/1.00mm, 1200-1600cc
111 198 479OSMX NEW!	**98-1771-S**	Main Brg. Set, .50mm/1.00mm/1.00mm, 1200-1600cc
111 198 483OSMX	**98-1830-S**	Main Brg. Set, 1.00mm/.25mm/1.00mm, 1200-1600cc
111 198 485OSMX	**98-1850-S**	Main Brg. Set, 1.00mm/.50mm/1.00mm, 1200-1600cc
111 198 487OSMX	**98-1588-S**	Main Brg. Set, 1.00mm/.75mm/1.00mm, 1200-1600cc

LINE BORED CASE/STANDARD CRANK,W/2.00MM O/S THRUST

111 198 471 02MX	**98-1712-S**	Main Brg. Set, .50mm/Std./2.00mm, 1200-1600cc
111 198 473 02MX	**98-1589-S**	Main Brg. Set, .50mm/.25mm/2.00mm, 1200-1600cc
111 198 475 02MX	**98-1590-S**	Main Brg. Set, .50mm/.50mm/2.00mm, 1200-1600cc
111 198 477 02MX	**98-1591-S**	Main Brg. Set, .50mm/.75mm/2.00mm, 1200-1600cc
111 198 479 02MX NEW!	**98-1611-S**	Main Brg. Set, .50mm/1.00mm/2.00mm, 1200-1600cc
111 198 481 02MX	**98-1812-S**	Main Brg. Set, 1.00mm/Std./2.00mm, 1200-1600cc
111 198 491 60MX	**98-1496-S**	Main Brg. Set, 1.50mm/Std./2.00mm, 1200-1600cc
111 198 491 80MX	**98-1480-S**	Main Brg. Set, 2.00mm/Std./2.00mm, 1200-1600cc

SILVERLINE STEEL BACK BEARINGS (CONT.)

LINE BORED CASE/MACHINED CRANK,W/2.00MM O/S THRUST

111 198 483 02MX	98-1832-S	Main Brg. Set, 1.00mm/.25mm/2.00mm, 1200-1600cc
111 198 485 02MX	98-1852-S	Main Brg. Set, 1.00mm/.50mm/2.00mm, 1200-1600cc
111 198 487 02MX	98-1592-S	Main Brg. Set, 1.00mm/.75mm/2.00mm, 1200-1600cc
111 198 489 02MX NEW!	98-1607-S	Main Brg. Set, 1.00mm/1.00mm/2.00mm, 1200-1600cc
111 198 493 60MX	98-1493-S	Main Brg. Set, 1.50mm/.25mm/2.00mm, 1200-1600cc
111 198 493 80MX	98-1498-S	Main Brg. Set, 2.00mm/.25mm/2.00mm, 1200-1600cc
111 198 495 60MX	98-1495-S	Main Brg. Set, 1.50mm/.50mm/2.00mm, 1200-1600cc
111 198 497 60MX	98-1596-S	Main Brg. Set, 1.50mm/.75mm/2.00mm, 1200-1600cc
111 198 499 60MX NEW!	98-1609-S	Main Brg. Set, 1.50mm/1.00mm/2.00mm, 1200-1600cc
111 198 495 80MX	98-1594-S	Main Brg. Set, 2.00mm/.50mm/2.00mm, 1200-1600cc
111 198 497 80MX	98-1595-S	Main Brg. Set, 2.00mm/.75mm/2.00mm, 1200-1600cc
111 198 499 80MX NEW!	98-1608-S	Main Brg. Set, 2.00mm/1.00mm/2.00mm, 1200-1600cc

ROD BEARINGS

113 105 713MX NEW!	98-1571-S	Rod Bearing Set, .50mm, 1200-1600cc
113 105 701MX NEW!	98-1575-S	Rod Bearing Set, Std., 1200-1600cc
113 105 707MX NEW!	98-1577-S	Rod Bearing Set, .25mm, 1200-1600cc
113 105 719MX NEW!	98-1579-S	Rod Bearing Set, .75mm, 1200-1600cc
113 105 725MX NEW!	98-1610-S	Rod Bearing Set, 1.00mm, 1200-1600cc
039 105 701MX	98-1582-S	Rod Brg. Set, Std., Type 4, 2000cc
039 105 707MX	98-1584-S	Rod Brg. Set, .25mm, Type 4, 2000cc
039 105 713MX	98-1585-S	Rod Brg. Set, .50mm, Type 4, 2000cc
039 105 719MX	98-1586-S	Rod Brg. Set, .75mm, Type 4, 2000cc

CAM BEARINGS

111 198 541MX	98-1544-S	Cam Bearing Set, Std. 1300-1600cc
111 198 541HDMX	98-1543-S	Cam Bearing Set, Std. 1300-1600cc Double Thrust
021 198 541MX	98-1453-S	Cam Bearing Set, Std. 1.7-2.0L Type 4

CHEVROLET ROD BEARINGS

98-1612-S NEW!		Chev Rod Bearings, Std.
98-1613-S NEW!		Chev Rod Bearings, .25mm
98-1614-S NEW!		Chev Rod Bearings, .50mm

MAIN BEARINGS

ROD BEARINGS

CAM BEARINGS

ROD BEARINGS & BUSHINGS MAHLE BRAZIL

113 105 701	98-1575-B	Rod Bearing Set, Std., 1200-1600cc
113 105 707	98-1577-B	Rod Bearing Set, .25mm, 1200-1600cc
113 105 713	98-1571-B	Rod Bearing Set, .50mm, 1200-1600cc
113 105 719	98-1579-B	Rod Bearing Set, .75mm, 1200-1600cc
311 105 431A	98-1570-B	Rod Bushing Set, Set of 4

98-1571-B

ROD BEARINGS

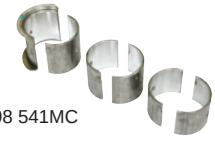
CHEV ROD BEARINGS MAHLE / CLEVITE USA

98-1599-C	Chev Rod Bearings, Std.
98-1600-C	Chev Rod Bearings, .25mm
98-1601-C	Chev Rod Bearings, .50mm
98-1602-C	Chev Rod Bearings, .75mm

MAHLE

98-1599-C

CAM BEARINGS



111 198 541MC

CAM BEARINGS

111 198 541MC	98-1544-C	Cam Bearing Set, Std. 1300-1600cc Mahle / Clevite - Brazil

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

98-1278-B

98-1280-B

98-1281-B

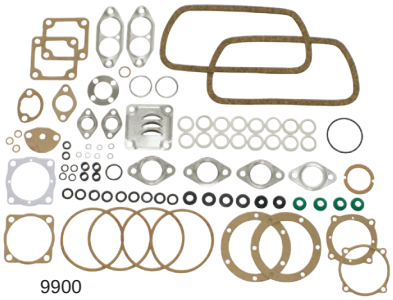
98-1282-B

FLYWHEEL SHIMS

113 105 281A	**98-1277-B**	Flywheel Shim, .24mm, Each
113 105 283A	**98-1278-B**	Flywheel Shim, .30mm, Each
113 105 285A NEW!	**98-1279-B**	Flywheel Shim, .32mm, Each
113 105 287A	**98-1280-B**	Flywheel Shim, .34mm, Each
113 105 289A	**98-1281-B**	Flywheel Shim, .36mm, Each
113 105 291A	**98-1282-B**	Flywheel Shim, .38mm, Each

ENGINE GASKET SETS

Complete Engine Gasket Set. Includes all the gaskets and seals for the assembly of the engine. High quality valve cover gaskets are included.


9900

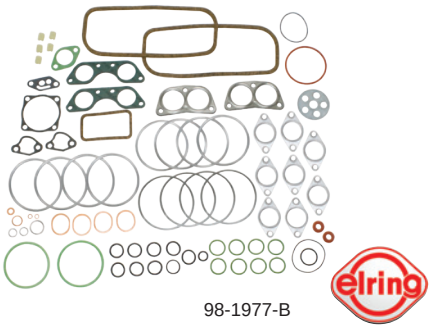
9900 Engine Gasket Set, 1300-1600cc
(Bulk P/N: 111 198 007AF)

9901-B Engine Gasket Set, 1300-1600cc (Elring)
(Ref P/N: 111 198 007AFG)

9901-B

98-1977-B Engine Gasket Set, 2.0L (Elring)
(Ref P/N: 029 198 009)

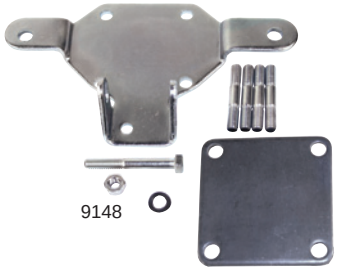
98-9206-B NEW! Engine Gasket Set, Late Type 2 / Type 4, 1700/1800cc (Elring) TYPE 2
(Ref. P/N: 021 198 009)


98-1977-B

NEW! 98-9206-B

ENGINE CASE ADAPTER FOR TYPE 2 & 3

Allows the installation of the Type 1 case without the 3 point mount bosses into Type 2 & 3's with 1500-1600cc engines. Easy bolt-on installation. Complete with pump cover and all hardware.


9148

9148-7

9148 Engine Case Adapter Kit
9148-7 Replacement 8mm Pump Cover only, Each
(Bulk P/N: 311 115 141C)

THREADED OIL GALLEY PLUG KIT

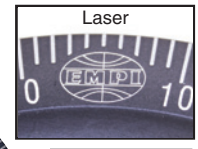
The first step to any quality engine build. By installing this 12 piece Oil Galley Plug Kit, you will realize the advantages and ease of cleaning and inspecting the "life blood" passages of your oiling system. Each kit contains seven 1/8" NPT, two 1/4" NPT, and three 3/8" NPT threaded aluminum plugs. Machining of case required.

16-9515

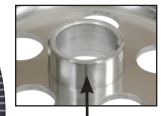
16-9515 Oil Galley Plug Set, 12 pc.

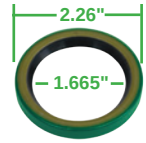
EMPI HI-PERF. ALUMINUM DEGREE PULLEYS

The Ultimate Aluminum Degree Pulleys. Hard anodized black for maximum durability plus Laser Engraved degree numbers and marks. Available in standard size diameter, bolt-in and machined case sand seal versions. Both Sand Seal versions have a stainless steel collar installed in the pulley's seal area. Bolt-In versions come with P/N: 8695 collar & seal. Machine-In versions come with P/N: 9112 seal only.



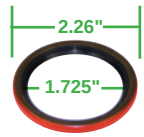
33-1055


Stainless Steel Collar



9112 NEW!

8695



8694

STANDARD DIAMETER PULLEYS

33-1055		Laser Pulley, Stock Installation
33-1060		Laser Sand Seal Pulley, Machine-In (Supplied with Green Seal)
33-1065		Laser Sand Seal Pulley, Bolt-In (Supplied with Aluminum Collar and Orange Seal)
8695		Replacement Seal & Collar for Bolt-In
8694		Replacement Seal Only for Bolt-In (Orange)
9112	NEW!	Replacement Seal Only for Machine-In (Green)

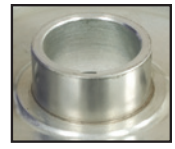
EMPI HI-PERFORMANCE STEEL BILLET DEGREE PULLEYS (STANDARD DIAMETER)

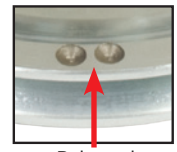
EMPI now has available Steel Billet pulleys. Featuring approximately 3 1/2 lbs. in a stock size form. These pulleys have the ability to reduce crankshaft vibration, thus resulting in much longer engine case and bearing life. All pulleys are fully balanced and feature a silver zinc finish with durable bright white timing marks and numbers on a black background. 33-1090 uses the P/N: 9117 Bolt and Washer (Sold Separately).

33-1090

STANDARD DIAMETER PULLEYS

33-1090		Billet Steel Pulley, Stock Installation
33-1091	NEW!	Billet Steel Pulley, Machine-In (Supplied with Green Seal)
33-1092	NEW!	Billet Steel Pulley, Bolt-In (Supplied with Aluminum Collar and Orange Seal)


33-1091 / 92


Balanced

H.D. SAND SEAL

This heavy duty green sand seal is only for engine cases that have been machined for a sand seal.

9112	NEW!	H.D. Pulley Sand Seal, Green

9112 NEW!

TYPE 2 CRANK PULLEY SEAL

This heavy duty green sand seal is for engine cases that have been machined for a sand seal only.

98-0151-B	NEW!	Crank Pulley Seal, 1700-2000cc, Type 2 72-79, Vanagon 80-83, Type 4 71-74

(Ref. P/N: 021 105 247A)

NEW!
98-0151-B

9114

8779

ALUMINUM DEGREE CRANKSHAFT PULLEYS

All of EMPI's pulleys are made from High Grade Aluminum, Precision Machined and High Speed Polished to a Show Quality Shine. Featuring full 360-Degree timing marks, screened on with a special process for longevity. Increase horsepower with precision timing and valve settings. Adds that hi-performance look to any engine.

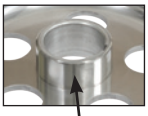
STANDARD SIZE PULLEYS

Same size as stock pulleys. Available in Solid Billet Style or EMPI 5 Hole design, with black, red or blue degree numbers and marks. **(Note: Use with P/N: 9928 Belt)**

9114	Polished Pulley w/Holes, Black Numbers
8914	Polished Pulley w/Holes, Blue Numbers
8915	Polished Pulley w/Holes, Red Numbers
8779	Polished Pulley, Billet Style, Black Numbers

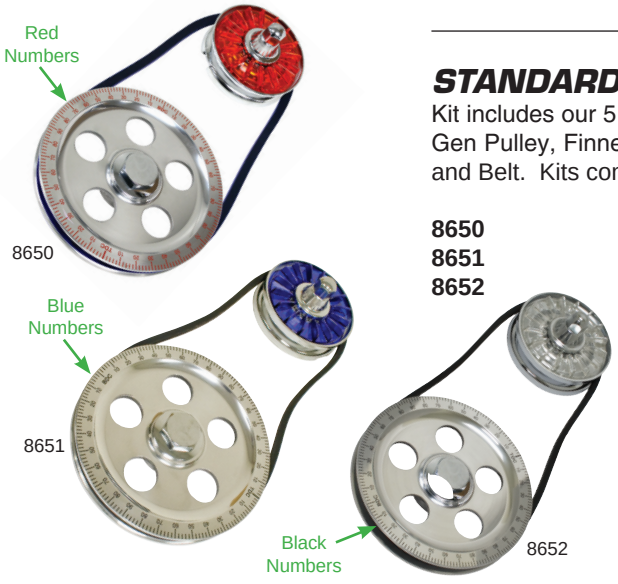
SAND SEAL PULLEY KITS (STANDARD DIAMETER)

Same size as stock pulleys. Available in Bolt-In or Machine Case versions. Both versions have a stainless steel collar installed on the pulleys seal area. All are 5 Hole style and come with black degree numbers and marks. Seals, collars and spacers are included. **(Note: P/N: 9118 Extra Long Bolt Kit must be used with Bolt-In Sand Seal Pulleys). (Note: Use with P/N: 9928 Belt).**



Stainless Steel Collar

8688		Sand Seal Pulley Kit, Bolt-In (Supplied with Aluminum Collar and Orange Seal)
8696		Sand Seal Pulley Kit, Machine-In (Supplied with Green Seal)
8695		Replacement Seal & Collar for Bolt-In
8694		Replacement Seal Only for Bolt-In (Orange)
9112	NEW!	Replacement Seal Only for Machine-In (Green)
8688-6		Pulley Spacer Set for Bolt-In, 2 pcs., Bulk
9118		Extra Long Chrome Pulley Bolt & Washer



STANDARD SIZE PULLEY KITS

Kit includes our 5 Hole Design Crank Pulley with Chrome Bolt and Washer, Chrome Alt/Gen Pulley, Finned Acrylic Cover in choice of color, Chrome Generator Nut and Spacer and Belt. Kits come complete with matching color screened onto the crank pulley.

8650	Standard Size Red Pulley Kit w/Red Cover
8651	Standard Size Blue Pulley Kit w/Blue Cover
8652	Standard Size Black Pulley Kit w/Clear Cover

SERPENTINE BELT PULLEY SYSTEM

Serpentine Belt System is designed for style and performance. Easy installation and adjustment, quiet and smooth performance and increased belt life. A must for hi-reving engines. Polished Aluminum, Black, Blue or Red Anodized with permanent Laser-Etched numbers. Fits all Type 1 engine cases. Bolts to Alt/Gen Stand.

17-2811		Serpentine Belt Pulley System (Polished)
17-2911		Serpentine Belt Pulley System (Black Anodized)
18-1070	NEW!	Serpentine Belt Pulley System (Blue Anodized)
18-1071	NEW!	Serpentine Belt Pulley System (Red Anodized)

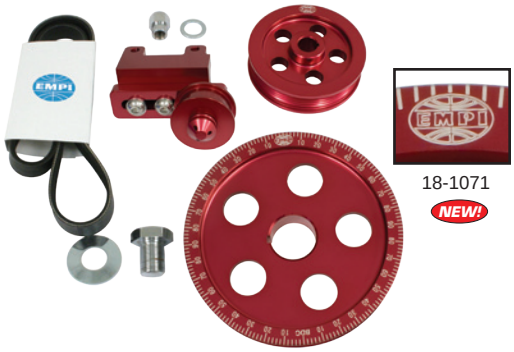
17-2811-8

17-2811-1	Replacement Belt Only for Serpentine Belt System
17-2811-8	Replacement Bearings (Pair)

17-2911

17-2811

18-1070
NEW!



18-1071
NEW!

SAND SEAL *POWER* PULLEY KITS

Available in Bolt-in or Machine-in Case versions. Both versions have a stainless steel collar installed on the pulleys seal area. All are 5 Hole style and come with black degree numbers and marks. Seals, collars and spacers are included.
(Note:P/N: 9118 Extra Long Bolt must be used with Bolt-In Sand Seal Pulleys).
(Note:Use with P/N: 9120 Belt).

8693		Sand Seal Pulley Kit, Bolt-In (Supplied with Aluminum Collar and Orange Seal)
8699		Sand Seal Pulley Kit, Machine-In (Supplied with Green Seal)
8695		Replacement Seal & Collar for Bolt-In
8694		Replacement Seal Only for Bolt-In (Orange)
9112	NEW!	Replacement Seal Only for Machine-In (Green)
8688-6		Pulley Spacers, for Bolt-In, Pair, Bulk
9118		Extra Long Chrome Pulley Bolt & Washer

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

17-2918

ADJUSTABLE TIMING POINTER

Machined Aluminum Pointer allows accurate timing within 4 degrees, with up to 20° adjustment for precise tuning and maximum performance. Fits all Type 1 engine cases with stock or power pulley
(Will not fit with EMPI Serpentine Pulley Kits).

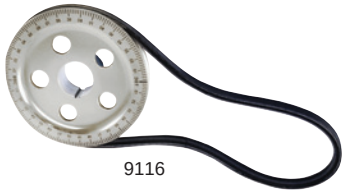
17-2918 Adjustable Timing Pointer

9115

POWER PULLEYS

Get a real increase in horsepower with the smaller diameters pulleys. Available in our exclusive 5 Hole design, with black degree numbers and marks.
(Note: Use with P/N: 9120 Belt).

9115 Polished Pulley w/Holes, Black Numbers

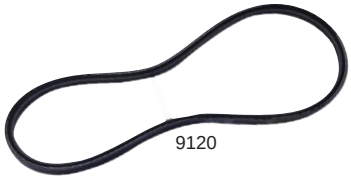


9116

POWER PULLEY KIT

Includes P/N: 9115 Power Pulley with 5 holes and black degree numbers and belt.

9116 Power Pulley/Belt Kit, Black Numbers

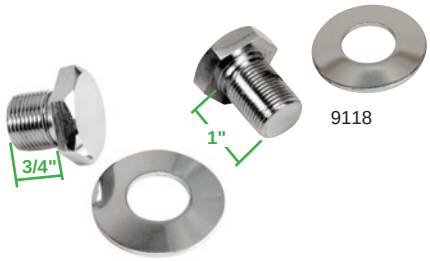


9120

PULLEY BELTS

High Quality Belts for use with Standard Size Pulleys and Power Pulleys.

9120 Power Pulley Belt, 9.5 x 850mm
9928 Stock Size Pulley Belt, 9.5 x 905mm
(Bulk P/N: 111 903 137D)
98-0090-B Stock Size Pulley Belt, 10.0 x 900mm
(Ref. P/N: 111 903 137B)



9118

9117

CHROME PULLEY BOLT

Our Chrome Pulley Bolt and Washer adds the finishing touch to all crank pulley installations. Fits with any stock or custom pulley. **(Note: P/N: 9118 Extra Long Bolt must be used with Bolt-In Sand Seal Pulleys). Do not exceed factory recommended torque specifications of 36ft / lbs.**

9117 Chrome Bolt & Washer Set
9118 Chrome Bolt & Washer Set, for Bolt-In Sand Seal Pulleys (Extra Long Bolt)

16-6801

BILLET PULLEY BOLT

Have you gone totally Billet? Not if you don't have our silver zinc plated Billet Steel Pulley Bolt. Fits stock and aluminum pulleys. Has a 3/8" drive broach for slip-free tightening & loosening. **Do not exceed factory recommended torque specifications of 36ft / lbs.**

16-6801 Billet Crankshaft Pulley Bolt

16-6802

STOCK STYLE BROACHED PULLEY BOLT

Pulley bolt got you cranky? Stop fighting with large wrenches and sockets in such a confined area, EMPI's broached pulley bolts make it a snap by allowing you to insert a 3/8" drive ratchet or extension bar directly into the bolt. Works great when building engines too. Includes silver zinc plated bolt and washer. **Do not exceed factory recommended torque specifications of 36ft / lbs.**

16-6802 Stock Style Pulley Bolt w/Broach

CHROME ALT / GEN NUT & SPACER

Chrome cone-shape spacer and smooth cap-style pulley nut adds the finished look to all stock and chrome pulleys.

9119 Chrome Alt/Gen Nut & Spacer, 2-Piece Set

9119

BILLET ALUMINUM 12-VOLT ALT / GEN PULLEY

EMPI now offers a 6061 T-6 aluminum front pulley cover. These covers are the outer half only and feature machined holes in it for a bold new look which also functions to rid the belt area of dirt and debris. It is also offered complete with a Silver Zinc-Steel inner pulley half if you want a complete assembly. Outer halves only are available in Polished Aluminum, Black, Blue or Red Anodized.

33-1041 Complete Alt/Gen Pulley, Polished Outer Half w/ Metal Inner
33-1040 Polished Alt/Gen Pulley, Outer Half Only
18-1082 NEW! Black Alt/Gen Pulley, Outer Half Only
18-1083 NEW! Blue Alt/Gen Pulley, Outer Half Only
18-1084 NEW! Red Alt/Gen Pulley, Outer Half Only

33-1041
Complete Pulley

33-1040

NEW! 18-1082

NEW! 18-1083

NEW! 18-1084

CHROME STOCK STYLE PULLEY

Chrome plated steel and polished to a show finish. Fits Type 1 61-79, S/B 71-79, Type 2 63-71 and Ghia 66-74. 1200-1600cc engines.
(Note: Use with Chrome Bolt and Washer P/N: 9117).

8969 Chrome Stock Style Pulley
(Bulk P/N: 113 105 251G)

STOCK DESIGN ALUMINUM CRANKSHAFT PULLEY

This, just like all of EMPI's pulley's, are made from high grade Aluminum and precision machined on CNC machines. This pulley is standard size and features timing marks at 0, 5, 10, 20 and 30. Available in Black, Blue and Red Anodized. Fits Type 1 61-79, S/B 71-79, Type 2 63-71 and Ghia 66-74.

18-1063 NEW! Stock Design Pulley, Black
18-1072 NEW! Stock Design Pulley, Blue
18-1073 NEW! Stock Design Pulley, Red

18-1072 NEW!

18-1063 NEW!

18-1073 NEW!

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

12/6-VOLT ALT / GEN PULLEY

Complete pulley assemblies come in your choice of Chrome or Gold-Zinc finish with all the necessary related hardware.
(Pulleys require a minimum of 10 shims to properly install and avoid damage).

9166 12-Volt Pulley, Gold-Zinc
(Bulk P/N: 043 903 109)

9191 12-Volt Pulley, Chrome

98-9012 12-Volt Pulley, w/ Air Fins, Black
(Bulk P/N: 040 903 109)

98-0111 Alt/Gen Pulley Woodruff Key, 2 pcs.
(Bulk P/N: N012 705 1)

9197 Alt/Gen Shim Kit, 10 pcs.
(Bulk P/N: 111 903 131A) (Bulk is Pack of 100 pcs.)

BILLET ALTERNATOR / GENERATOR PULLEY

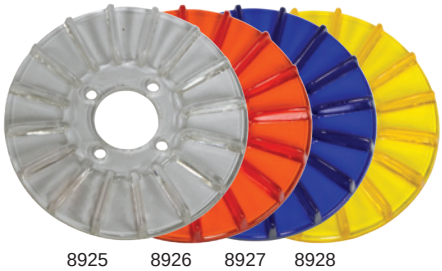
This complete Billet pulley spins straight and true, the perfect addition to your killer engine. Available in Polished Aluminum, Black, Blue or Red Anodized. Supplied with mashined washer and Woodruff Key.

16-9707 Polished Alternator / Generator Pulley Kit
16-9706 Black Alternator / Generator Pulley Kit
18-1080 NEW! Blue Alternator / Generator Pulley Kit
18-1081 NEW! Red Alternator / Generator Pulley Kit

Woodruff Key supplied with Pulley Kits.

16-9708 Special Nut and Washer Set
For 16-9707, 16-9706, 18-1080 and 18-1081 Pulley's Only

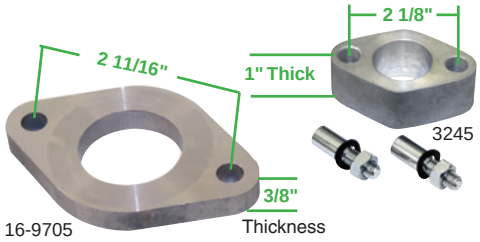
16-9709 Shims for Billet Pulley Only (5 pcs.)



FINNED ALT / GEN PULLEY COVERS

See-Thru plastic with attractive fins. Matches other Finned accessories. Fits over Alt/Gen pulley.

8925 Finned Pulley Cover, Clear
8926 Finned Pulley Cover, Red
8927 Finned Pulley Cover, Blue
8928 Finned Pulley Cover, Gold/Yellow



CARB. SPACERS / ALTERNATOR CONVERSION

Sometimes necessary for Alternator Conversion. Two spacers available. 3245 spacer is for stock Solex/Brosol 28/30 Carburetor and is 1" thick with 2 1/8" hole to hole measurement. 16-9705 is for 34 Pict Carburetor and measures 3/8" thick with 2 11/16" hole to hole measurement.

3245 Carb. Adapter Kit w/Studs, Nuts & Gaskets
16-9705 34 PICT Carburetor Spacer, Each

PISTON AND CYLINDER SETS

High quality, proven performance. Hypereutectic Pistons are of a high silicon alloy. This delivers a long service life and excellent thermal reflective properties with minimal expansion.

PISTON & CYL. SETS W/ CAST HYPEREUTECTIC PISTONS

98-1945-B Piston & Cyl. Set, 77mm x 64mm Stroke, 36HP
(Ref. P/N: 111 198 057)

98-1946-B Piston & Cyl. Set, 77mm x 64mm Stroke, 40HP, 1200cc
(Ref. P/N: 111 198 057A)
98-1947-B Piston & Cyl. Set, 83mm x 64mm Stroke, 40HP, Big Bore Slip-In
(Ref. P/N: 111 198 057ABB)

98-1948-B Piston & Cyl. Set, 85.5mm x 69mm Stroke, 15-1600cc
(Ref. P/N: 311 198 069)
98-1949-B Piston & Cyl. Set, 87mm x 69mm Stroke, 1641cc Big Bore Slip-In
98-1950-B Piston & Cyl. Set, 88mm x 69mm Stroke, 1700cc Slip-In
98-1951-B Piston & Cyl. Set, 88mm x 69mm Stroke, 1700cc Machine-In
Fits 85.5 Case, 90.5/92mm Head

98-1952-B Piston & Cyl. Set, 90.5mm x 69mm Stroke, 1776cc
98-1953-B Piston & Cyl. Set, 90.5mm x 82mm Stroke, 2110cc
98-1954-B Piston & Cyl. Set, 92mm x 69mm Stroke, 1835cc
98-1955-B Piston & Cyl. Set, 92mm x 82mm Stroke, 2180cc
98-1956-B Piston & Cyl. Set, 94mm x 69mm Stroke, 1915cc
98-1957-B Piston & Cyl. Set, 94mm x 82mm Stroke, 2276cc

98-1958-B Piston & Cyl. Set, 92mm x 69mm Stroke, 1835cc, Thick Wall
98-1959-B Piston & Cyl. Set, 92mm x 82mm Stroke, 2180cc, Thick Wall
Both Piston Sets with thick wall must have case and heads cut for 94mm

TYPE 4 / 914 PISTON AND CYLINDER SETS

98-1965-B NEW! P&L Set, 93mm x 66mm, Type 2 74-75, Type 4 / 914, 1800cc
(Ref. P/N: 022 198 075A)
98-1966-B NEW! P&L Set, 94mm x 71mm, Type 2 76-79, Type 4 / 914, 2000cc
(Ref. P/N: 029 198 075)

NEW!

94MM EXTRA LONG CYLINDERS

These Extra Long Cylinders (.800 inch longer than stock) are finned for superior cooling and are designed for longer stroke cranks and/or longer length connecting rods. Designed to be machined to your desired length and therefore eliminates the need to shim your cylinders to achieve the correct deck height.

B457512 Extra Long Cylinders, 94MM Bore

MAHLE PISTON AND CYLINDER SETS

Mahle Pistons and Cylinders are the finest made. The Pistons are Forged and the cylinders are extra thick for superior strength. Designed to perform even with turbo charged and nitrous injected engines. All sets include piston rings, piston pins and retaining clips.
(Tip: Best when used with Poly Piston Pin Retainer Buttons)

PISTON & CYL. SETS W/CAST PISTONS

98-1969-B Piston & Cyl. Set, 85.5mm, 1500-1600cc
(Ref. P/N: 311 198 069F)
98-1986-B Piston & Cyl. Set, 87mm x 69mm Stroke **(198861)**

BOLT-ON BIG BORE PISTON & CYL. SETS W/FORGED PISTONS

98-1985-B Piston & Cyl. Set, 85.5mm x 69mm Stroke, Forged **(198860)**
98-1987-B Piston & Cyl. Set, 87mm x 69mm Stroke, Forged **(198870)**

MACHINED TYPE BIG BORE PISTON & CYL. SETS W/FORGED PISTONS

98-1990-B Piston & Cyl. Set, 90.5mm x 69mm Stroke, Forged **(198900)**
98-1991-B Piston & Cyl. Set, 90.5mm x 82mm Stroke, Forged **(198910)**
98-1992-B Piston & Cyl. Set, 92mm x 69mm Stroke, Forged **(198920)**
98-1993-B Piston & Cyl. Set, 92mm x 82mm Stroke, Forged **(198930)**
98-1994-B Piston & Cyl. Set, 94mm x 69mm Stroke, Forged **(198940)**
98-1995-B Piston & Cyl. Set, 94mm x 82mm Stroke, Forged **(198950)**

MAHLE

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

GRANT PISTON RING SETS

All Grant piston rings are made in the U.S.A. Choose Cast top rings or Chrome Top Rings. (Sold in complete engine sets).

Standard Ring Sets

Contain compression rings which are manufactured to precision specifications from high grade grey iron castings. The top compression rings are black phosphate coated and beveled on the inside top, which gives a torsional twist characteristic and relieved on the lower ridge for oil scraping characteristics. The second compression ring is a scraper ring used in the second groove. Oil rings are 3-piece circumferential style, which provide quick seating, positive oil control and long life.

Chrome Top Ring Sets

These ring sets have a top compression ring that is chrome plated and lapped for resistance to wear and scuffing, and faster seating.

Chrome Top Ring

98-1147-B	Piston Ring Set – Cast Top Ring, 77mm (2 x 2 x 4mm) (Ref. P/N: 111 198 157B)
98-1148-B	Piston Ring Set – Cast Top Ring, 77mm (2.5 x 2.5 x 4mm) (Ref. P/N: 111 198 157A)
98-1149-B	Piston Ring Set – Cast Top Ring, 83mm (2 x 2 x 4mm) (Ref. P/N: 315 198 163)
98-1169-B	Piston Ring Set – Cast Top Ring, 85.5mm, 1600cc (2 x 2 x 5mm) (Ref. P/N: 311 198 169A)
98-1203-B	Piston Ring Set – Chrome Top Ring, 85.5mm, 1600cc (2 x 2 x 5mm)
98-1187-B	Piston Ring Set – Cast Top Ring, 87mm (2 x 2 x 5mm) (Ref. P/N: 311 198 16987)
98-1204-B	Piston Ring Set – Chrome Top Ring, 87mm (2 x 2 x 5mm)
98-1188-B	Piston Ring Set – Cast Top Ring, 88mm (1.5 x 1.5 x 5mm) (Ref. P/N: 311 198 16988)
98-1205-B	Piston Ring Set – Chrome Top Ring, 88mm (1.5 x 1.5 x 5mm)
98-1190-B	Piston Ring Set – Cast Top Ring, 90.5mm (1.5 x 2 x 4mm) (Ref. P/N: 311 198 16990)
98-1206-B	Piston Ring Set – Chrome Top Ring, 90.5mm (1.5 x 2 x 4mm)
98-1191-B	Piston Ring Set – Cast Top Ring, 90.5mm (2 x 2 x 4.8mm) (Ref. P/N: 311 198 16991)
98-1207-B	Piston Ring Set – Chrome Top Ring, 90.5mm (2 x 2 x 4.8mm)
98-1192-B	Piston Ring Set – Cast top ring, 92mm (1.5 x 2 x 4mm) (Ref. P/N: 311 198 16992)
98-1208-B	Piston Ring Set – Chrome Top Ring, 92mm (1.5 x 2 x 4mm)
98-1144-B	Piston Ring Set – Cast Top Ring, 92mm (2 x 2 x 4mm)
98-1145-B	Piston Ring Set – Chrome Top Ring, 92mm (2 x 2 x 4mm)
98-1194-B	Piston Ring Set – Cast Top Ring, 94mm (1.5 x 2 x 4mm) (Ref. P/N: 311 198 16994)
98-1209-B	Piston Ring Set – Chrome Top Ring, 94mm (1.5 x 2 x 4mm)
98-1195-B	Piston Ring Set – Cast top Ring, 94mm (2 x 2 x 4mm) (Ref. P/N: 311 198 16995)
98-1210-B	Piston Ring Set – Chrome Top Ring, 94mm (2 x 2 x 4mm)
98-1200-B	Piston Ring Set – Cast Top Ring, 90mm Type 4 (2 x 2 x 5mm)
98-1211-B	Piston Ring Set – Chrome Top Ring, 90mm Type 4 (2 x 2 x 5mm)
98-1201-B	Piston Ring Set – Cast Top Ring, 93mm Type 4 (2 x 2 x 4mm)
98-1212-B	Piston Ring Set – Chrome Top Ring, 93mm Type 4 (2 x 2 x 4mm)
98-1202-B	Piston Ring Set – Cast Top Ring, 94mm Type 4 (1.75 x 2 x 4mm)
98-1213-B	Piston Ring Set – Chrome Top Ring, 94mm Type 4 (1.75 x 2 x 4mm)

TOTAL SEAL GAPLESS PISTON RING SETS & 2ND RING SETS

Total Seal's patented Gapless® Piston Rings provide increased performance through unmatched sealing of the cylinder and combustion gasses in the combustion chamber providing increased horsepower, torque and longer engine life. Available in Complete Sets or 2nd Ring Sets only.

98-1893-B

98-1890-B	T/S Piston Ring Set, 85.5mm, 1600cc (2 x 2 x 5mm)
98-1895-B	T/S 2nd Ring Set ONLY, 85.5mm, 1600cc (2 x 2 x 5mm)
98-1891-B	T/S Piston Ring Set, 87mm (2 x 2 x 5mm)
98-1896-B	T/S 2nd Ring Set ONLY, 87mm (2 x 2 x 5mm)
98-1892-B	T/S Piston Ring Set, 90.5mm (1.5 x 2 x 4mm)
98-1897-B	T/S 2nd Ring Set ONLY, 90.5mm (1.5 x 2 x 4mm)
98-1893-B	T/S Piston Ring Set, 92mm (1.5 x 2 x 4mm)
98-1898-B	T/S 2nd Ring Set ONLY, 92mm (1.5 x 2 x 4mm)
98-1894-B	T/S Piston Ring Set, 94mm (1.5 x 2 x 4mm)
98-1899-B	T/S 2nd Ring Set ONLY, 94mm (1.5 x 2 x 4mm)

POLY PISTON PIN RETAINER BUTTONS

Prevent costly engine damage. The failure of the small and fragile stock clips that are easily damaged during installation can cause total engine destruction. Retainers are easy to install and will not break or wear out. Easy press-in installation. Sizes for all piston diameters. 8 piece engine set. P/N's 4073, 4074 and 4075 do not work with Slipper Skirt / AA Stroker Pistons.
Buttons may fit tight in different manufacturers wrist pins.

4070		85.5mm Retainer Buttons, Fits Mahle, Set of 8
4076	NEW!	85.5mm Retainer Buttons, Fits AA, Set of 8
4071		87/88mm Retainer Buttons, Fits AA, Set of 8
4073		90.5mm Retainer Buttons, Fits Mahle and AA, Set of 8
4074		92mm Retainer Buttons, Fits Mahle and AA, Set of 8
4075		94mm Retainer Buttons, Fits Mahle and AA, Set of 8

PISTON PIN RETAINERS

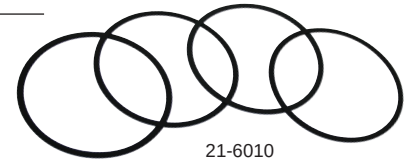
We offer two types. The Spiral Lock retainers fit securely in the retainer groove to prevent galling by the pin. Hi-performance engine builders have always favored the Tru-Arc type. Fits all pistons with 22mm diameter pins. Set of 8.

4068	Tru-Arc Piston Pin Retainers, Set of 8
4069	Spiral Lock Piston Pin Retainers, Set of 8

CYLINDER SHIM SETS

Steel shims allow for adjusting deck height without machining the pistons. Corrects for increase in stroke and compensates when case is surface machined. Clearanced for standard 8mm studs. Sold in sets of 4. ***If noted, the shims have been clearanced for 8mm and 10mm studs***

85.5mm / 87mm / 88mm CYLINDER SHIMS		90.5mm / 92mm CYLINDER SHIMS	
21-6010	.010" / 0.25mm	**21-7020***	.010" / 0.25mm
21-6020	.020" / 0.50mm	**21-7030***	.020" / 0.50mm
21-6030	.030" / 0.75mm	**21-7040***	.030" / 0.75mm
21-6040	.040" / 1.00mm	**21-7050***	.040" / 1.00mm
21-6060	.060" / 1.50mm	**21-7068***	.060" / 1.50mm
21-6090	.090" / 2.25mm	**21-7076***	.090" / 2.25mm



94mm CYLINDER SHIMS		1700cc, 1800cc and 2.0 TYPE 4 CYLINDER SHIMS	
21-7410*	.010" / 0.25mm	**21-7510**	.010" / 0.25mm
21-7420*	.020" / 0.50mm	**21-7520**	.020" / 0.50mm
21-7430*	.030" / 0.75mm	**21-7530**	.030" / 0.75mm
21-7440*	.040" / 1.00mm	**21-7540**	.040" / 1.00mm
21-7460*	.060" / 1.50mm	**21-7560**	.060" / 1.50mm
21-7490*	.090" / 2.25mm	**21-7590**	.090" / 2.25mm

CYLINDER HEAD SPACERS

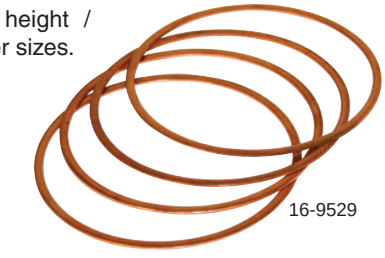
Aluminum spacers allow for adjusting deck height / compression ratio easily without removing the cylinders. Compensates for zero deck height when heads have been machined or in stroker setups. Sold in sets of 4 only.

21-5008	Head Spacers, 1500-1600cc, .030", Set of 4
21-7616	Head Spacers, 1500-1600cc, .040", Set of 4
21-5009	Head Spacers, 1500-1600cc, .060", Set of 4

COPPER HEAD GASKETS

Many top engine builders recommend and use Copper Head Gaskets when adjusting deck height / compression ratio in performance applications. Available in sets of 4 in popular large cylinder sizes.

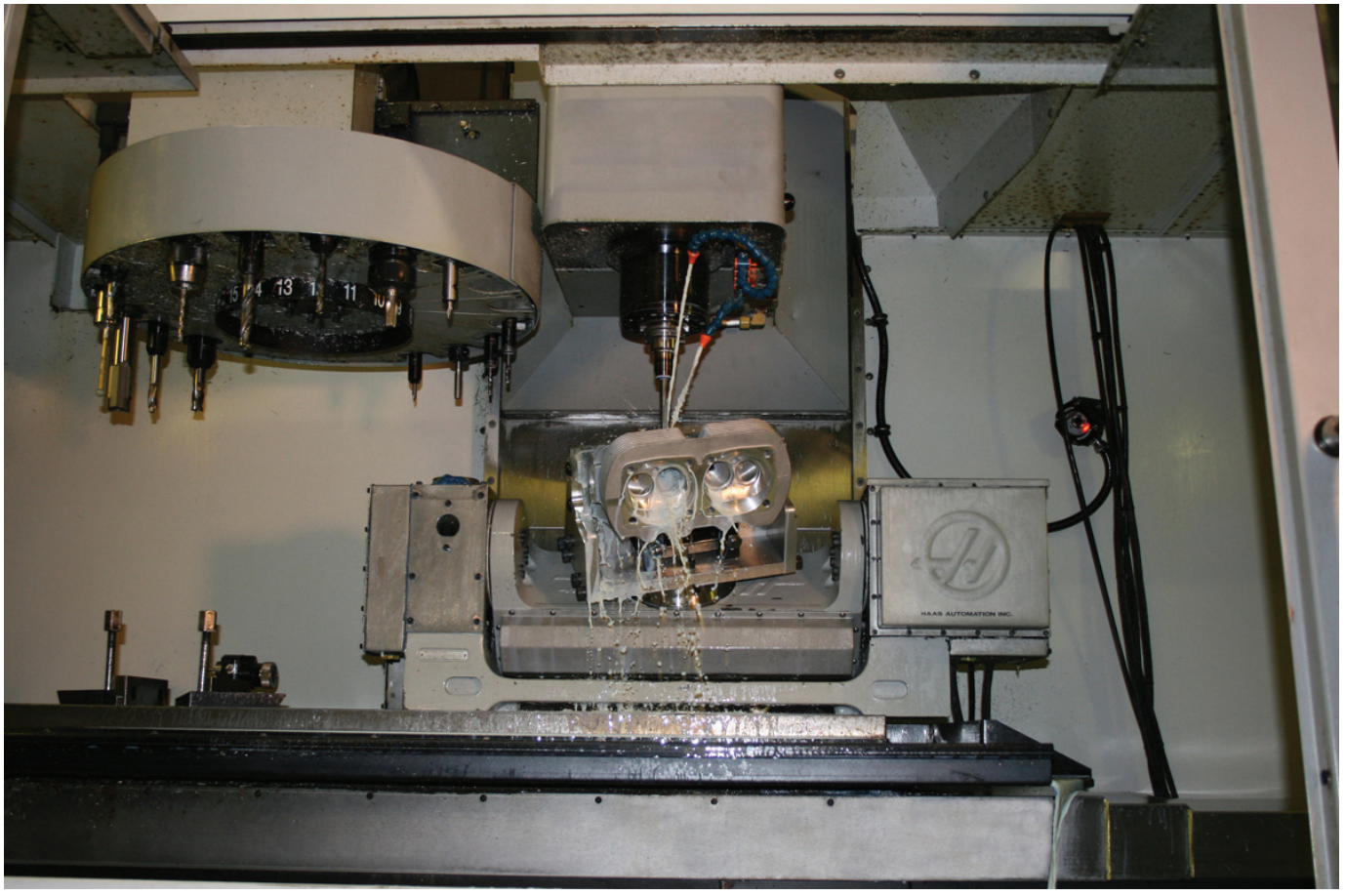
16-9529	Copper Head Gaskets 90.5mm/92mm .040" (4)
16-9530	Copper Head Gaskets 90.5mm/92mm .050" (4)
16-9531	Copper Head Gaskets 90.5mm/92mm .060" (4)
16-9532	Copper Head Gaskets 94mm .040" (4)
16-9533	Copper Head Gaskets 94mm .050" (4)
16-9534	Copper Head Gaskets 94mm .060" (4)



WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

CYLINDER HEADS

EMPI'S In-House HAAS 5-Axis Machining Center
CNC Porting of Cylinder Heads
All Cylinder Head Equipment Is Now In-House Here In Anaheim, CA. USA



EMPI GTV-2 CNC Ported Cylinder Heads

We start with the "best in class" EMPI GTV-2 Cylinder head casting and let our 5 Axis CNC Mill work it's magic to increase flow. Resulting in the best bang for your buck in increased horsepower. Our programs cut the Intake Port, Exhaust Port and Combustion Chamber with CNC precision. You now have a smooth, ready to bolt on finished head. The GTV-2 Cylinder Head casting eliminates the need for any welding, even with our massive Stage 3 or D7000 ports.

EMPI GTV-2 CNC PORTED CYLINDER HEADS (DRD DESIGNS)

New CNC port designs now available from EMPI. These new port designs include most of what "DRD Racing Heads" previously offered.

- **Beefed-Up Intake & Exhaust Ports for Massive Porting without the Need for Welding**
- **Special Aluminum Alloy for Strength and Durability...Plus they are Repairable**
- **Added Material Surrounding the Combustion Chamber for Deep Fly Cutting**
- **Exhaust Air Passages are Clear for Proper Cooling**
- **12mm, 3/4" Reach Plug Holes**
- **Competition Dual Valve Springs, Chromoly Retainers, Hardened Keepers, Bronze Valve Guides, Stainless Steel Valves & Custom Fit Gaskets Included with each Pair**
- **Hi-Performance 3-Angle Valve Job**
- **All EMPI Complete Heads are Supplied with Stainless Steel Valves. Lash Caps P/N 4006 are Required in all Cylinder Head Applications that have Stainless Steel Valves.**

98-1550-B	NEW!	EMPI GTV-2 L5 CNC Ported 40 x 35.5 Valves, 90.5 / 92mm Bore, Pair
98-1551-B	NEW!	EMPI GTV-2 L5 CNC Ported 40 x 35.5 Valves, 94mm Bore, Pair
98-1552-B	NEW!	EMPI GTV-2 L6 CNC Ported 42 x 37.5 Valves, 90.5 / 92mm Bore, Pair
98-1553-B	NEW!	EMPI GTV-2 L6 CNC Ported 42 x 37.5 Valves, 94mm Bore, Pair
98-1554-B	NEW!	EMPI GTV-2 L7 CNC Ported 44 x 37.5 Valves, 90.5 / 92mm Bore, Pair
98-1555-B	NEW!	EMPI GTV-2 L7 CNC Ported 44 x 37.5 Valves, 94mm Bore, Pair
98-1556-B	NEW!	EMPI GTV-2 L6 Turbo CNC Ported 42 x 37.5 Valves, 90.5 / 92mm Bore, Pair
98-1557-B	NEW!	EMPI GTV-2 L6 Turbo CNC Ported 42 x 37.5 Valves, 94mm Bore, Pair
98-1558-B	NEW!	EMPI GTV-2 L7 Turbo CNC Ported 44 x 37.5 Valves, 90.5 / 92mm Bore, Pair
98-1559-B	NEW!	EMPI GTV-2 L7 Turbo CNC Ported 44 x 37.5 Valves, 94mm Bore, Pair
98-1560-B	NEW!	EMPI GTV-2 D7000 CNC Ported 44 x 37.5 Valves, 90.5 / 92mm Bore, Pair
98-1561-B	NEW!	EMPI GTV-2 D7000 CNC Ported 44 x 37.5 Valves, 94mm Bore, Pair

EMPI L5, L6, L7 & D7000 CNC MATCH-PORTED GASKETS

Replacement Intake Gaskets for L5, L6, L7 & D7000 Cylinder heads/manifolds.

3265	NEW!	L5 Intake Gaskets, Pair
3266	NEW!	L6 Intake Gaskets, Pair
3267	NEW!	L7 Intake Gaskets, Pair
3268	NEW!	D7000 Intake Gaskets, Pair

3265

3266

3267

3268

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

L5 90.5/92 & 94MM

98-1550-B NEW! EMPI GTV-2 L5 CNC Ported 40 x 35.5 Valves, 90.5 / 92mm Bore, Pair

98-1551-B NEW! EMPI GTV-2 L5 CNC Ported 40 x 35.5 Valves, 94mm Bore, Pair

L5 90.5/92 & 94mm (Specifications)

Flow @ 25”							64cc Chamber Volume	68.5cc Intake Port Volume	70cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
44CFM	89CFM	126CFM	140CFM	152CFM	158CFM	158CFM			

Intake Port

Chamber

Exhaust Port

L6 90.5/92MM

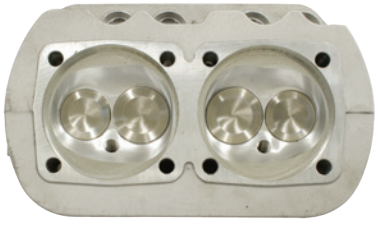
98-1552-B NEW! EMPI GTV-2 L6 CNC Ported 42 x 37.5 Valves, 90.5 / 92mm Bore, Pair

L6 90.5/92mm (Specifications)

Flow @ 25”							64cc Chamber Volume	72cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
44CFM	97CFM	134CFM	164CFM	178CFM	186CFM	190CFM			

Intake Port

Chamber



Exhaust Port

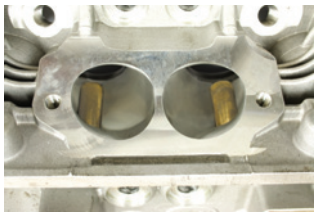
L6 94MM

98-1553-B NEW! EMPI GTV-2 L6 CNC Ported 42 x 37.5 Valves, 94mm Bore, Pair

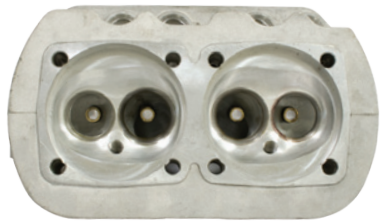
L6 94mm (Specifications)

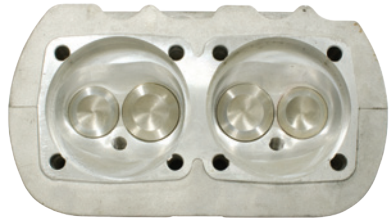
Flow @ 25”							64cc Chamber Volume	72cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
49CFM	98CFM	142CFM	166CFM	178CFM	186CFM	190CFM			

Intake Port



Chamber





Exhaust Port

L7 90.5/92MM & 94MM

98-1554-B NEW! EMPI GTV-2 L7 CNC Ported 44 x 37.5 Valves, 90.5 / 92mm Bore, Pair

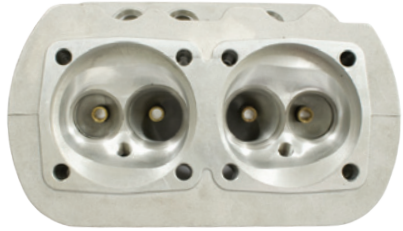
98-1555-B NEW! EMPI GTV-2 L7 CNC Ported 44 x 37.5 Valves, 94mm Bore, Pair

L7 90.5/92mm & 94mm (Specifications)

Flow @ 25”							64cc Chamber Volume	77cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
51CFM	104CFM	144CFM	170CFM	186CFM	192CFM	196CFM			

Intake Port

Chamber



Exhaust Port

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

L6 TURBO 90.5/92 & 94MM

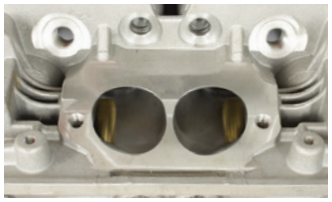
98-1556-B NEW! EMPI GTV-2 L6 Turbo CNC Ported 42 x 37.5 Valves, 90.5 / 92mm Bore, Pair

98-1557-B NEW! EMPI GTV-2 L6 Turbo CNC Ported 42 x 37.5 Valves, 94mm Bore, Pair

L6 Turbo 90.5/92 & 94mm (Specifications)

Flow @ 25”							67cc Chamber Volume	72cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
47CFM	100CFM	138CFM	160CFM	170CFM	176CFM	176CFM			

Intake Port



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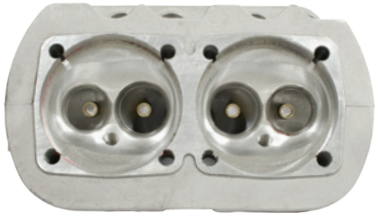
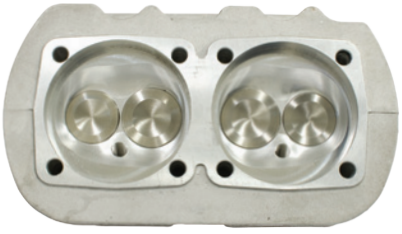




Exhaust Port

L7 TURBO 90.5/92 & 94MM

98-1558-B NEW! EMPI GTV-2 L7 Turbo CNC Ported 44 x 37.5 Valves, 90.5 / 92mm Bore, Pair

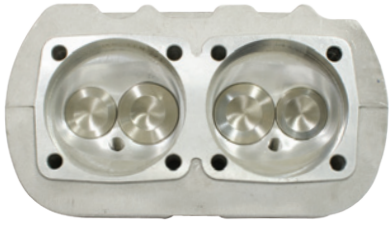
98-1559-B NEW! EMPI GTV-2 L7 Turbo CNC Ported 44 x 37.5 Valves, 94mm Bore, Pair

L7 Turbo 90.5/92 & 94mm (Specifications)

Flow @ 25”							67cc Chamber Volume	77cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
50CFM	96CFM	134CFM	162CFM	178CFM	184CFM	184CFM			

Intake Port

Chamber



Exhaust Port

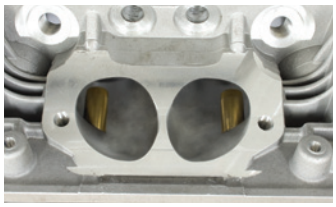
D7000 90.5/92MM

98-1560-B NEW! EMPI GTV-2 D7000 CNC Ported 44 x 37.5 Valves, 90.5 / 92mm Bore, Pair

D7000 90.5/92mm (Specifications)

Flow @ 25”							67cc Chamber Volume	77cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
45CFM	90CFM	136CFM	166CFM	180CFM	188CFM	192CFM			

Intake Port



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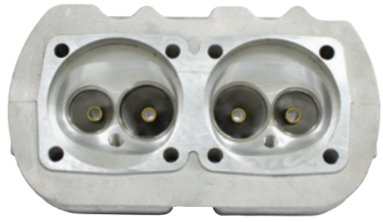
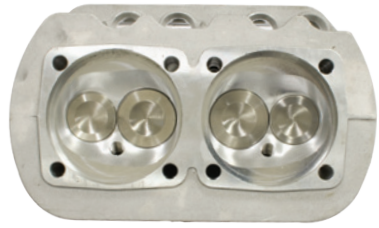




Exhaust Port

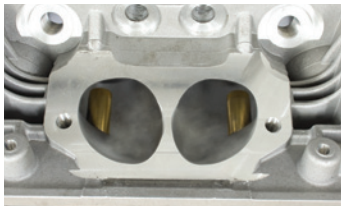
D7000 94MM

98-1561-B NEW! EMPI GTV-2 D7000 CNC Ported 44 x 37.5 Valves, 94mm Bore, Pair

D7000 94mm (Specifications)

Flow @ 25”							67cc Chamber Volume	77cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
51CFM	98CFM	140CFM	172CFM	190CFM	200CFM	203cfm			

Intake Port



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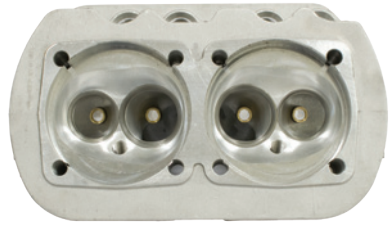
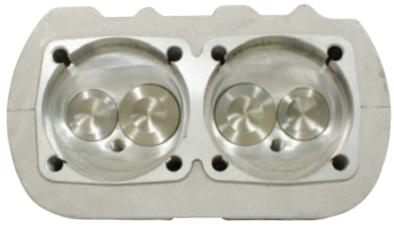




Exhaust Port

EMPI GTV-2 CNC WEDGE-PORTED CYLINDER HEADS (EMPI DESIGN)

We start with the "best in class" EMPI GTV-2 Cylinder head casting and let a 5 Axis CNC Mill work it's magic to increase flow. Resulting in the best bang for your buck in increased horsepower. Our programs cut the Intake, Exhaust and Chamber with CNC precision. You now have a smooth, ready to bolt on finished head. The GTV-2 Cylinder Head casting eliminates the need for any welding – even with our massive Stage 3 port.

- Beefed-Up Intake & Exhaust Ports for Massive Porting without the Need for Welding
- Special Aluminum Alloy for Strength and Durability...Plus Repairable
- Added Material Surrounding the Combustion Chamber for Deep Fly Cutting
- Exhaust Air Passages are Clear for Proper Cooling
- 12mm, 3/4" Reach Plug
- Competition Dual Valve Springs, Chromoly Retainers, Hardened Keepers, Bronze Valve Guides, S/S Valves & Gaskets
- Hi-Performance 3-Angle Valve Job

Available in three Wedge-Port Designs, all feature Stainless Steel Valves, Racing Valve Seats, Bronze Valve Guides, New 4037 Hi-Performance Dual Valve Springs, Chromoly Retainers, Hardened Keepers, Gaskets, Rocker, Exhaust and Intake Studs. Complete with a professional Performance Valve job & assembly. Three Wedge-Port designs to bring out the horsepower in all popular engine combinations. All three designs have been Race-Proven. All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves. **Gaskets only, see page 34.**

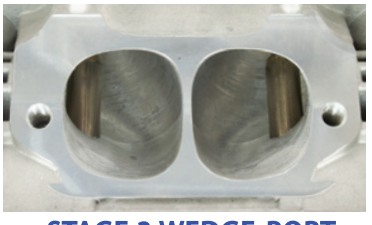
64cc Chamber

98-1430-B	EMPI GTV-2 Stage 1 – Wedge-Port, 40 x 35.5, 90.5/92mm, Pair
98-1431-B	EMPI GTV-2 Stage 1 – Wedge-Port, 40 x 35.5, 94mm, Pair
98-1432-B	EMPI GTV-2 Stage 2 – Wedge-Port, 42 x 37.5, 90.5/92mm, Pair
98-1433-B	EMPI GTV-2 Stage 2 – Wedge-Port, 42 x 37.5, 94mm, Pair
98-1434-B	EMPI GTV-2 Stage 3 – Wedge-Port, 42 x 37.5, 90.5/92mm, Pair
98-1435-B	EMPI GTV-2 Stage 3 – Wedge-Port, 42 x 37.5, 94mm, Pair
98-1436-B	EMPI GTV-2 Stage 3 – Wedge-Port, 44 x 37.5, 90.5/92mm, Pair
98-1437-B	EMPI GTV-2 Stage 3 – Wedge-Port, 44 x 37.5, 94mm, Pair

See page 33 for Flow Chart Information

STAGE 1 WEDGE-PORT
40 x 35.5 Stainless Steel Valves
90.5 / 92mm or 94mm Bore

STAGE 2 WEDGE-PORT
42 x 37.5 Stainless Steel Valves
90.5 / 92mm or 94mm Bore



STAGE 3 WEDGE-PORT
42 x 37.5 Stainless Steel Valves
90.5 / 92mm or 94mm Bore

44 x 37.5 Stainless Steel Valves
90.5 / 92mm or 94mm Bore

EMPI GTV-2 CNC WEDGE-PORTED CYLINDER HEADS

STAGE 1 WEDGE-PORT

98-1430-B EMPI GTV-2 Stage 1 – Wedge-Port, 40 x 35.5, 90.5/92mm, Pair

98-1431-B EMPI GTV-2 Stage 1 – Wedge-Port, 40 x 35.5, 94mm, Pair

Stage 1 90.5/92 & 94mm (Specifications)

Flow @ 25”							64cc Chamber Volume	70cc Intake Port Volume	70cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
42CFM	95CFM	128CFM	140CFM	150CFM	155CFM	160CFM			

STAGE 2 WEDGE-PORT

98-1432-B EMPI GTV-2 Stage 2 – Wedge-Port, 42 x 37.5, 90.5/92mm, Pair

98-1433-B EMPI GTV-2 Stage 2 – Wedge-Port, 42 x 37.5, 94mm, Pair

Stage 2 90.5/92 & 94mm (Specifications)

Flow @ 25”							64cc Chamber Volume	72cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
43CFM	96CFM	136CFM	158CFM	166CFM	172CFM	174CFM			

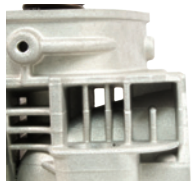
STAGE 3 WEDGE-PORT

98-1434-B EMPI GTV-2 Stage 3 – Wedge-Port, 42 x 37.5, 90.5/92mm, Pair

98-1435-B EMPI GTV-2 Stage 3 – Wedge-Port, 42 x 37.5, 94mm, Pair

98-1436-B EMPI GTV-2 Stage 3 – Wedge-Port, 44 x 37.5, 90.5/92mm, Pair

98-1437-B EMPI GTV-2 Stage 3 – Wedge-Port, 44 x 37.5, 94mm, Pair



Stage 3 90.5/92 & 94mm (Specifications)

Flow @ 25”							64cc Chamber Volume	80cc Intake Port Volume	75cc Exhaust Port Volume
.100”	.200”	.300”	.400”	.500”	.600”	.650”			
52CFM	100CFM	142CFM	166CFM	180CFM	186CFM	190CFM			

All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EMPI CNC MACHINED MATCH-PORTED MANIFOLDS

CNC Machined manifolds to match the EMPI GTV-2 Wedge-Port Heads. One of the benefits of CNC porting is that you can replace your manifolds at any time and still have an exact match to your cylinder heads. Port-Matched for Stage 1, 2 & 3 Cylinder Heads in a variety of applications. Sets are complete with all hardware and gaskets.

43-1028 Stage 1 Match-Ported Short Manifolds for 48/51 EPC/IDA Carburetors, Pair

43-1029 Stage 2 Match-Ported Short Manifolds for 48/51 EPC/IDA Carburetors, Pair

43-1028 Manifolds

43-1028

43-1029

43-1031 Stage 1 Match-Ported Tall Manifolds for 48/51 EPC/IDA Carburetors, Pair

43-1032 Stage 2 Match-Ported Tall Manifolds for 48/51 EPC/IDA Carburetors, Pair

43-1033 Stage 3 Match-Ported Tall Manifolds for 48/51 EPC/IDA Carburetors, Pair

43-1032 Manifolds

43-1032

43-1031

43-1033

43-1025 Stage 1 Match-Ported Off-Set Manifolds for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair

43-1027 Stage 3 Match-Ported Off-Set Manifolds for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair

43-1027

43-1025

43-1027

43-1034 Stage 1 Match-Ported Tall Manifolds w/ NOS Boss for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair

43-1035 Stage 2 Match-Ported Tall Manifolds w/ NOS Boss for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair

43-1036 Stage 3 Match-Ported Tall Manifolds w/ NOS Boss for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair

43-1034 Manifolds

43-1034

43-1035 Kit

43-1036 Kit

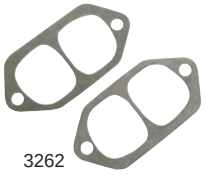
EMPI CNC MATCH-PORTED GASKETS

Replacement Intake Gaskets for Stage 1, 2 & 3 Cylinder heads/manifolds.

3260 Stage 1 Intake Gaskets, Pair

3261 Stage 2 Intake Gaskets, Pair

3262 Stage 3 Intake Gaskets, Pair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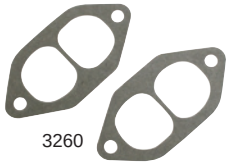
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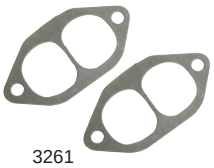

3261

EMPI *AS-CAST* MATCH-PORTED MANIFOLDS

All of these EMPI manifolds are directly cast with the proper matched-ported shape they need to be. EMPI AS-Cast manifolds to match the EMPI GTV-2 Wedge-Port Heads. AS-Cast port-matched for Stage 1, 2 & 3 Cylinder Heads in a variety of applications. Sets are complete with all hardware and gaskets. All brand new tooling.

45-1028 NEW! Stage 1 Match-Ported Short Manifolds for 48/51 EPC/IDA Carburetors, Pair
45-1029 NEW! Stage 2 Match-Ported Short Manifolds for 48/51 EPC/IDA Carburetors, Pair
45-1030 NEW! Stage 3 Match-Ported Short Manifolds for 48/51 EPC/IDA Carburetors, Pair

AS-CAST NEW!

45-1028 Kit

45-1028

45-1029 Kit

45-1030 Kit

45-1031 NEW! Stage 1 Match-Ported Tall Manifolds for 48/51 EPC/IDA Carburetors, Pair
45-1032 NEW! Stage 2 Match-Ported Tall Manifolds for 48/51 EPC/IDA Carburetors, Pair
45-1033 NEW! Stage 3 Match-Ported Tall Manifolds for 48/51 EPC/IDA Carburetors, Pair

AS-CAST NEW!

45-1032 Kit

45-1032

45-1031 Kit

45-1033 Kit

45-1025 NEW! Stage 1 Match-Ported Off-Set Manifolds for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair
45-1026 NEW! Stage 2 Match-Ported Off-Set Manifolds for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair
45-1027 NEW! Stage 3 Match-Ported Off-Set Manifolds for HPMX/IDF/Dellorto/EMPI D Carburetors, Pair

AS-CAST NEW!

45-1026 Kit

45-1027

45-1025 Kit

45-1027 Kit

45-1034 NEW! Stage 1 Match-Ported Tall Manifolds w/ NOS Boss for HPMX/IDF/Dellorto/EMPI D Carbs, Pair
45-1035 NEW! Stage 2 Match-Ported Tall Manifolds w/ NOS Boss for HPMX/IDF/Dellorto/EMPI D Carbs, Pair
45-1036 NEW! Stage 3 Match-Ported Tall Manifolds w/ NOS Boss for HPMX/IDF/Dellorto/EMPI D Carbs, Pair

AS-CAST NEW!

45-1034 Kit

45-1036

45-1035 Kit

45-1036 Kit

EMPI STOCK DUAL PORT CYLINDER HEADS

ALL NEW CASTING

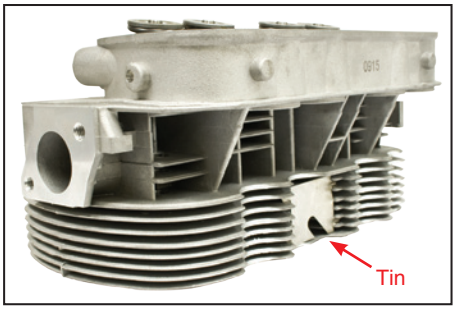
SCORE APPROVED

The EMPI Stock Dual Port Cylinder Head casting is explicitly modeled after the celebrated 040.101.375.13. Arguably the best stock cylinder head ever produced. No added this or that – just a pure Stock Cylinder Head designed to fit, run, cool and last like the original. Intake & Exhaust Air Passages are as clear as the original for excellent cooling and even comes with the stock tin. Made from a Special Aluminum Alloy for strength and rigidity that is repairable. Comes with 35.5 Intake and 32mm Exhaust Seats, Bronze Valve Guides, Rocker, Exhaust and Intake Studs. These heads are available in both Standard 14mm ½" reach and 12mm ¾" reach Spark Plugs. All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

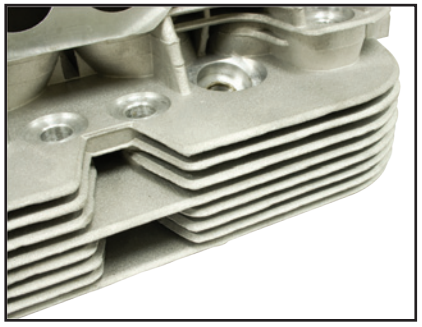
53cc Chamber

98-1356-B

Available in both 14mm 1/2" Reach and 12mm 3/4" Reach Spark Plug



8 Cooling Fins w/ OEM Style Tin

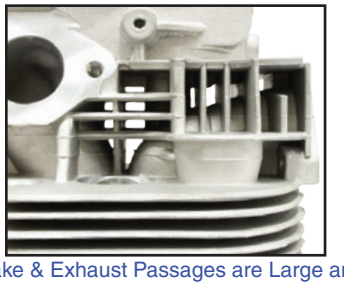


Knife-Edged Fins for Maximum Air Flow and Cooling

SCORE APPROVED

53cc Chamber

New Casting Mirrored after the Celebrated 040.101.375.13 Casting



Intake & Exhaust Passages are Large and Clear for Excellent Cooling

STOCK DUAL PORT CYLINDER HEADS - BARE

Bare Head comes with 35.5 Intake and 32mm Exhaust Seats and Bronze Valve Guides Installed. Rocker, Exhaust and Intake Studs are included. Available for both Standard 14mm 1/2" reach and 12mm 3/4" reach Spark Plugs.

98-1355-B

98-1355-B Stock Dual Port Cylinder Head, for 14mm 1/2" reach Plug
85.5mm Bore - Bare, Each
(Ref. P/N: 043 101 355C) **SCORE APPROVED**

53cc Chamber

98-1324-B Stock Dual Port Cylinder Head, for 12mm 3/4" reach Plug
85.5mm Bore - Bare, Each

STOCK DUAL PORT CYLINDER HEADS - COMPLETE

Complete Stock Dual Port Cylinder Heads assembled with 35.5 x 32mm Stainless Steel Valves, Stock Valve Springs, Steel Retainers, Hardened Keepers, Rocker, Exhaust and Intake Studs. Available for both Standard 14mm 1/2" reach and 12mm 3/4" reach Spark Plugs. All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

98-1356-B

98-1356-B Stock Dual Port Cylinder Head, for 14mm 1/2" reach Plug
85.5mm Bore - Complete, Each
(Ref. P/N: 043 101 355CK) **SCORE APPROVED**

53cc Chamber

98-1325-B Stock Dual Port Cylinder Head, for 12mm 3/4" reach Plug
85.5mm Bore - Complete, Each

DUAL PORT CYLINDER HEADS - COMPLETE W/ PERFORMANCE VALVE JOB

Complete Stock Dual Port Cylinder Heads assembled with 35.5 x 32mm Stainless Steel Valves, Stock Valve Springs, Steel Retainers, Hardened Keepers, Rocker, Exhaust and Intake Studs. Available for both Standard 14mm 1/2" reach and 12mm 3/4" reach Spark Plugs. Complete with a Performance Valve Job and assembly. All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

53cc Chamber

98-1378-B
NEW!

98-1378-B NEW! Stock Dual Port Cylinder Head, for 14mm 1/2" reach Plug
85.5mm Bore - Complete w/ Performance Valve Job, Each

98-1379-B NEW! Stock Dual Port Cylinder Head, for 12mm 3/4" reach Plug
85.5mm Bore - Complete w/ Performance Valve Job, Each

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

HI-PERFORMANCE CYLINDER HEADS

MADE FROM STOCK DESIGN 040 CASTING

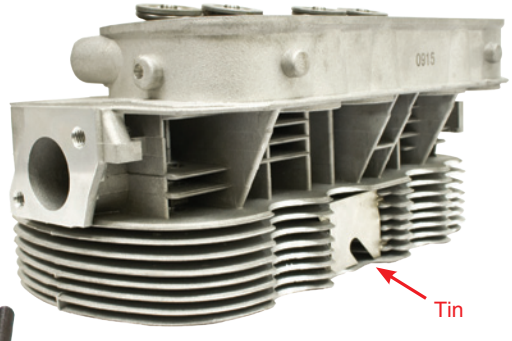
WITH PERFORMANCE VALVE JOB

New Casting Mirrored after the Celebrated 040.101.375.13 Casting

These Hi-Performance Heads are modeled after our Stock Dual Port Cylinder Heads (98-1355-B Casting). Made from a Special Aluminum Alloy for strength and rigidity that is repairable. Assembled with 35.5 Intake and 32mm Exhaust Seats, Hi-Rev Single Valve Springs, Chromoly Retainers, Hardened Keepers, Stainless Steel Valves, Bronze Valve Guides, Rocker, Exhaust and Intake Studs. These heads are with Standard 14mm ½" reach Spark Plug holes. All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

53cc Chamber

98-1373-B	NEW!	Hi-Performance Dual Port Cylinder Head, 85.5mm Bore 35.5 x 32mm S/S Valves, Single Hi-Rev Valve Springs, Chromoly Retainers, Complete w/ Performance Valve Job, Each
98-1374-B	NEW!	Hi-Performance Dual Port Cylinder Head, 90.5 / 92mm Bore 35.5 x 32mm S/S Valves, Single Hi-Rev Valve Springs, Chromoly Retainers, Complete w/ Performance Valve Job, Each
98-1375-B	NEW!	Hi-Performance Dual Port Cylinder Head, 94mm Bore 35.5 x 32mm S/S Valves, Single Hi-Rev Valve Springs, Chromoly Retainers, Complete w/ Performance Valve Job, Each



8 Cooling Fins w/ OEM Style Tin

EMPI BIG VALVE CYLINDER HEADS

Bare Head comes with 40mm Intake and 35.5mm Exhaust Seats and Bronze Valve Guides Installed. Rocker, Exhaust and Intake Studs are included. Available with 12mm 3/4" reach plug. Stock size ports.

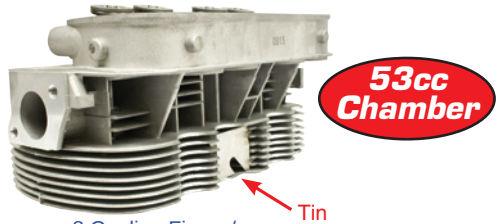
Complete Heads are assembled with Stainless Steel 40mm Intake and 35.5 Exhaust Valves, Single or Dual Hi-Rev Valve Springs, Chromoly Retainers and Hardened Keepers. All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

Big Valve Dual Port Head - Bare, 85.5mm Bore

98-1328-B	Big Valve Dual Port Head, 85.5mm, Bare
98-1329-B	Big Valve Dual Port Head, 85.5mm w/ Single Springs, Complete
98-1398-B	Big Valve Dual Port Head, 85.5mm w/ Dual Springs, Complete
98-1400-B	Big Valve Dual Port Head, 90.5/92.0mm w/ Single Springs, Complete
98-1402-B	Big Valve Dual Port Head, 90.5/92.0mm w/ Dual Springs, Complete
98-1404-B	Big Valve Dual Port Head, 94.0mm w/ Single Springs, Complete
98-1406-B	Big Valve Dual Port Head, 94.0mm w/ Dual Springs, Complete

Big Valve Dual Port Head - Complete, 85.5mm Bore

New Casting Mirrored after the Celebrated 040.101.375.13 Casting



8 Cooling Fins w/ OEM Style Tin

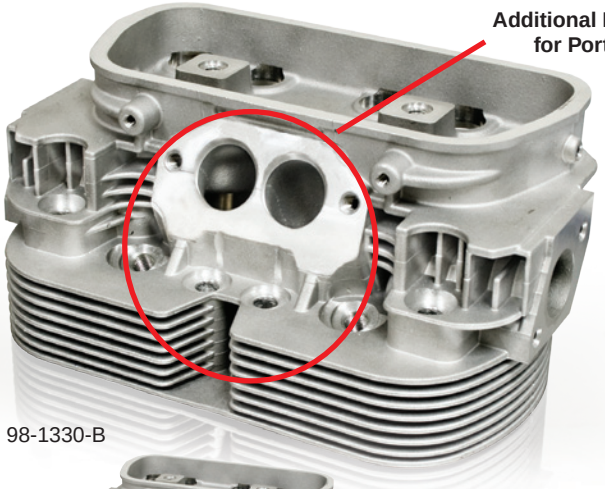
EMPI BIG VALVE CYLINDER HEADS W/ PERFORMANCE VALVE JOB

Complete Heads are assembled with Stainless Steel 40mm Intake and 35.5 Exhaust Valves, Single or Dual Hi-Rev Valve Springs, Chromoly Retainers and Hardened Keepers. Available with 12mm 3/4" reach plug. Stock size ports. All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

98-1380-B	NEW!	Big Valve Dual Port Head, 85.5mm w/ Single Springs, Complete w/ Performance Valve Job
98-1383-B	NEW!	Big Valve Dual Port Head, 85.5mm w/ Dual Springs, Complete w/ Performance Valve Job
98-1384-B	NEW!	Big Valve Dual Port Head, 90.5/92.0mm w/ Single Springs, Complete w/ Performance Valve Job
98-1385-B	NEW!	Big Valve Dual Port Head, 90.5/92.0mm w/ Dual Springs, Complete w/ Performance Valve Job
98-1388-B	NEW!	Big Valve Dual Port Head, 94.0mm w/ Single Springs, Complete w/ Performance Valve Job
98-1389-B	NEW!	Big Valve Dual Port Head, 94.0mm w/ Dual Springs, Complete w/ Performance Valve Job

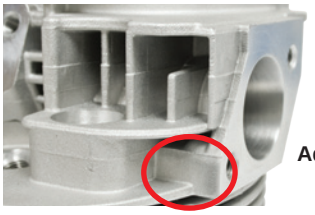
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EMPI GTV-2 RACING CYLINDER HEADS



98-1330-B

58cc Chamber



The EMPI GTV-2 Cylinder head casting out-classes all the competition! Beefed up Intake & Exhaust Ports allow massive porting without the need for welding. Special Aluminum Alloy for Strength and Durability – and is repairable. Intake & Exhaust ports are 20% larger than stock. Has added material surrounding the Combustion Chamber for deep fly cutting. Thick interior walls for porting. Exhaust Air Passages are clear for excellent cooling. Machined for 12mm 3/4" Reach Plug. The GTV-2 Casting allows you to run as-is - an exceptional Performance Head, or have any Hand or CNC Port configuration….from Mild to Wild! All EMPI Complete Heads are supplied with Stainless Steel Valves. Lash Caps P/N 4006 are required in all cylinder head applications that have Stainless Steel Valves.

98-1330-B

GTV-2 DUAL PORT CYLINDER HEADS – BARE

Bare Head comes with 40 x 35.5mm Valve Seats and Bronze Valve Guides installed. Rocker, Exhaust and Intake Studs are included. Standard 85.5mm Bore and 58cc Chamber.

98-1330-B GTV-2 Dual Port Cylinder Head, 85.5mm, Bare, Each

GTV-2 DUAL PORT CYLINDER HEADS – COMPLETE

Complete GTV-2 Dual Port Heads, assembled with 40 x 35.5 Stainless Steel Valves, Single or Dual Hi-Rev Valve Springs, Chromoly Retainers, Hardened Keepers, Rocker, Exhaust and Intake Studs. 85.5mm Bore and 58cc Chamber.

98-1332-B

98-1331-B GTV-2 Dual Port Cylinder Head, 85.5mm Bore, Single Valve Springs - Complete, Each

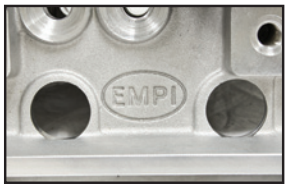
98-1332-B GTV-2 Dual Port Cylinder Head, 85.5mm Bore, Dual Valve Springs – Complete, Each

GTV-2 DUAL PORT CYLINDER HEADS w/ PERFORMANCE VALVE JOB – COMPLETE

Complete GTV-2 Dual Port Heads, with your choice of Bore and Valve Sizes, assembled with Stainless Steel Valves, Single or Dual Hi-Rev Valve Springs, Chromoly Retainers, Hardened Keepers, Rocker, Exhaust and Intake Studs. Complete with a Performance Valve Job and assembly. 58cc Chamber.

98-1335-B

58cc Chamber



98-1381-B GTV-2 Dual Port Cylinder Head, 40 x 35.5 S/S Valves, Single Valve Springs for 85.5mm Bore, Complete w/ Performance Valve Job, Each

98-1382-B GTV-2 Dual Port Cylinder Head, 40 x 35.5 S/S Valves, Dual Valve Springs for 85.5mm Bore, Complete w/ Performance Valve Job, Each

98-1333-B GTV-2 Dual Port Cylinder Head, 40 x 35.5 S/S Valves, Single Valve Springs for 90.5/92mm Bore, Complete w/ Performance Valve Job, Each

98-1334-B GTV-2 Dual Port Cylinder Head, 40 x 35.5 S/S Valves, Dual Valve Springs for 90.5/92mm Bore, Complete w/ Performance Valve Job, Each

98-1335-B GTV-2 Dual Port Cylinder Head, 40 x 35.5 S/S Valves, Single Valve Springs for 94mm Bore, Complete w/ Performance Valve Job, Each

98-1336-B GTV-2 Dual Port Cylinder Head, 40 x 35.5 S/S Valves, Dual Valve Springs for 94mm Bore, Complete w/ Performance Valve Job, Each

98-1438-B GTV-2 Dual Port Cylinder Head, 42 x 37.5 S/S Valves, Dual Valve Springs for 90.5/92mm Bore, Complete w/ Performance Valve Job, Each

98-1439-B GTV-2 Dual Port Cylinder Head, 42 x 37.5 S/S Valves, Dual Valve Springs for 94mm Bore, Complete w/ Performance Valve Job, Each

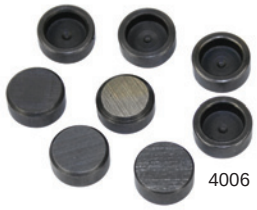
98-1440-B GTV-2 Dual Port Cylinder Head, 44 x 37.5 S/S Valves, Dual Valve Springs for 90.5/92mm Bore, Complete w/ Performance Valve Job, Each

98-1441-B GTV-2 Dual Port Cylinder Head, 44 x 37.5 S/S Valves, Dual Valve Springs for 94mm Bore,Complete w/ Performance Valve Job, Each

HARDENED VALVE LASH CAPS

Hardened valve lash caps prevent the valve stem tip from mushrooming under the load of heavy valve spring pressure. These Lash Caps are required when using Stainless Steel Valves in most cylinder head applications.

4006 Hardened Valve Lash Caps, Set of 8


4006

VALVE LOCKS

Precision fit and heat-treated valve locks prevent valve groove wear and failure. Compatible with stock and stainless steel valves, as well as with all stock and EMPI retainers.

4044 Valve Locks, 8 Pairs
(Bulk P/N: 113 109 651A) Each

4004

VALVE GUIDES

Silicone Bronze Valve Guides reduce friction, improve lubrication and offer extended reliability. Features a shouldered design. Sold in bulk, each.

4002 Valve Guide, for 8mm Intake & Exhaust, Bulk, Each
(Ref. P/N: 113 101 401BR)

4002

RACING VALVE GUIDES

Silicone Bronze is by far the most superior valve guide material available today. Our valve guides are strong and durable. These valve guides reduce friction, improve lubrication and offer extended reliability. Sold in sets of 4. Intake guide is 53.40mm long and Exhaust guides are 58.28mm long.

B405600 Silicone-Bronze Race Guides, Intake (4)
B405700 Silicone-Bronze Race Guides, Exhaust (4)

B405600

B405700

CASE SAVER INSERTS

Repair stripped and worn head stud threads. Case savers provide greater hold. Each kit has 8 inserts. ***NOTE: Engine must be disassembled and case machined.**

4011 Case Saver, 10mm-1.5 I.D. x 1/2-20 O.D., Set of 8
4012 Case Saver, 10mm-1.5 I.D. x 14mm-2.0 O.D., Set of 8
4003 Case Saver, 8mm-1.25 I.D. x 14mm-2.0 O.D., Set of 8
4004 Case Saver, 8mm-1.25 I.D. x 12mm-1.5 O.D., Set of 8

4011

TOTAL SEAL 'QUICKSEAT' DRY FILM POWDER

Quickseat is a powder Total seal has developed for quicker, more effective ring seating. Simply spread Quickseat on the cylinders and assemble the engine as you usually would. You will experience improved ring seating. In extensive dyno testing, use of Quickseat in conjunction with Total Seal Gapless piston rings allowed for leakage rates to be 0-1% after about 5 minutes of break-in time on the engine.

98-1900 Total Seal 'Quickseat' Dry Film Powder, 2 Gram Container, Each

98-1900

4033

HI-PERFORMANCE PUSH RODS

Resists flexing at high RPM's under the loads of high lift cams and heavy valve spring pressures. A must with any dual spring application. Made from the highest quality heat-treated 5/16" steel tubing, ends are pre-installed and push rods are 11.078" overall length. Fits 1300-1600cc.

4033 Stock Length Fully Assembled Hi-Performance Push Rods, Set of 8
1.45mm (0.057") Wall Thickness
(Bulk P/N: 311 109 301A) Each

4034

CHROMOLY PUSH RODS

Chromoly push rods are lighter and stronger than regular steel push rods. The 3/8" tubing offers maximum strength to maintain no flex operation at higher RPM's under the stress of high lift cams and high-rev. valve springs. Available in Stock Length fully assembled or custom Cut-to-Length style. OAL is the overall length with both tips installed.

4034 Cut to Length, 11.600" Long, 3/8" Chromoly Push Rods, Set of 8
0.8mm (0.032") Wall Thickness

4035 Stock Length, Fully Assembled 11.078" Long, 3/8" Chromoly Push Rods, Set of 8
0.8mm (0.032") Wall Thickness

B405400

ALUMINUM PUSH RODS

Lightweight strong 3/8" diameter push rods for the discerning ngine builder. These units offer the ultimate in strength versus weight. Available in uncut lengths, to suit your individual application. Easily cut & installed in any VW engine. OAL is the overall length with both tips installed.

B405400 Aluminum 3/8" Push Rods, 11.570 OAL, Uncut (8)
2.26mm (0.089") Wall Thickness

B405314

CHROMOLY PUSH RODS

Made from 4130 chromoly steel. Both pushrod tubes and ends are designed to withstand the demands of high RPM and heavy spring loads. 3/8" diameter resists flex to prevent damage to other valve-train components. When buying pushrods be sure it's chromoly, not just steel. Available in various lengths. OAL is the overall length with both tips installed.

B405310 3/8" Chromoly Push Rods, 10.650 OAL, 0.8mm (0.032") Wall Thickness, (8)

B405313 3/8" Chromoly Push Rods, 10.800 OAL, 0.8mm (0.032") Wall Thickness, (8)

B405311 3/8" Chromoly Push Rods, 11.060 OAL, 0.8mm (0.032") Wall Thickness, (8)

B405312 3/8" Chromoly Push Rods, 11.350 OAL, 0.8mm (0.032") Wall Thickness, (8)

B405314 3/8" Chromoly Push Rods, 11.600 OAL, 0.8mm (0.032") Wall Thickness, (8)

PUSH ROD MEASURING TOOL

Adjust out, lock down, measure, and cut push rods. A must for all engine builders tool box.

16-9600

16-9600 Push Rod Measuring Tool, Each

RACING DUAL VALVE SPRINGS

Insure against valve spring fatigue and breakage and stop that valve float with the best valve springs on the market! Hand checked and magnafluxed for top quality. The Outer spring is 1.246" diameter using .153" wire diameter and the Inner features .910" diameter using .113" wire diameter. Together they will lift .630" and more with coil bind at .800". Valve guide boss must be machined for all dual spring kits.

4037 Racing Dual Valve Springs, Set of 8

4037

RACING DUAL VALVE SPRING KIT

Kit includes Racing Dual Valve Springs, Chromoly Retainers and Hardened Valve Locks. Valve guide boss must be machined for all dual spring kits. Same Dual Springs as P/N: 4037.

4041 Racing Dual Valve Spring Kit

4041

HI-PERFORMANCE VALVE SPRINGS

Hand checked and maganafluxed for top quality, this is the best Single Valve Spring on the market for Hi-Performance street applications. 1.255" Diameter and approx. 2.135" Free Length offers 114# @ 1.500" installed height - 216# @ 500" lift. Bind @ .932" Recommend for Camshafts up to 500" lift.

4040 High-Rev. Single Valve Springs, Set of 8

4040

HIGH-REV. VALVE SPRING KITS

Everything you need to prepare your heads for high-lift cam use and high RPM applications. Kits include Single Hi-Performance Valve Springs, Chromoly Retainers and Hardened Valve Locks. Same Single Springs as P/N: 4040.

4045 High-Rev. Single Spring Kit

4045

STOCK REPLACEMENT VALVE SPRINGS

Valve Springs lose tension after years of service, resulting problems can include low compression and burnt exhaust valves. These New Springs are a must for all stock valve jobs. These springs are approximately 140 lbs at seat pressure and the free length is 2.025".

98-1923-B Stock Valve Spring, 1200-1600cc, Each
(Ref. P/N: 113 109 623C)

113 109 623C

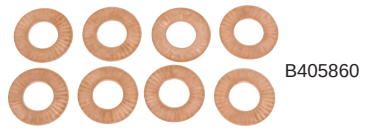
HARDENED SPRING SHIMS

Hardened valve spring shims for setting proper spring installed height. Provides excellent seat surface for high pressure springs by preventing cutting into the heads. Available in a variety of ways to suit all applications.

B405515 Single Spring Shims, .015, (8)
B405530 Single Spring Shims, .030, (8)
B405560 Single Spring Shims, .060, (8)

B405815 Dual Spring Shims, .015, (8)
B405830 Dual Spring Shims, .030, (8)
B405860 Dual Spring Shims, .060, (8)

B405515


B405860

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

STAINLESS STEEL VALVES

These valves are high quality one piece forged stainless steel with hardened tip to prevent mushrooming. 8mm stem diameter. Suitable for both intake and exhaust. Sold in bulk, each, or skinpacked (4) to a card. Lash Caps P/N 4006 are required when using Stainless Steel valves in most cylinder head applications.

4046

EACH

98-1932-B S/S Valve, 32mm, Bulk, Each
(Ref. P/N: 113 109 612A)

98-1935-B S/S Valve, 35.5mm, Bulk, Each
(Ref. P/N: 311 109 601)

98-1937-B S/S Valve, 37mm, Bulk, Each

98-1938-B S/S Valve, 37.5mm, Bulk, Each

98-1940-B S/S Valve, 40mm, Bulk, Each

98-1942-B S/S Valve, 42mm, Bulk, Each

98-1944-B S/S Valve, 44mm, Bulk, Each

4-PACK

4046 S/S Valve, 32mm, Skinpacked (4)

4047 S/S Valve, 35.5mm, Skinpacked (4)

4048 S/S Valve, 37mm, Skinpacked (4)

4052 S/S Valve, 37.5mm, Skinpacked (4)

4049 S/S Valve, 40mm, Skinpacked (4)

4050 S/S Valve, 42mm, Skinpacked (4)

4051 S/S Valve, 44mm, Skinpacked (4)

B404300

B402800

HEAVY DUTY VALVE SEATS

To compliment any new valve installation, these seats are designed to provide maximum resistance to hi-impact and extreme head temperatures. Your engine breathes easier due to proper air flow. Sets of four.

B402600 Heavy Duty Valve Seats, for 35.5mm Valves, Skinpacked (4)

B402700 Heavy Duty Valve Seats, for 37mm Valves, Skinpacked (4)

B402800 Heavy Duty Valve Seats, for 37.5mm Valves, Skinpacked (4)

B402400 Heavy Duty Valve Seats, for 40mm Valves, Skinpacked (4)

B404300 Heavy Duty Valve Seats, for 42mm Valves, Skinpacked (4)
also can fit 44mm Valves

B402500 Heavy Duty Valve Seats, for 44mm Valves, Skinpacked (4)

4044

VALVE LOCKS

Precision fit and heat-treated valve locks prevent valve groove wear and failure. Compatible with stock and stainless steel valves, as well as with all stock and EMPI retainers.

4044 Valve Locks, 8 Pairs
(Bulk P/N: 113 109 651A) Each

SPARK PLUG INSERTS

Repair stripped spark plug threads with 16 x 1.5mm threaded inserts. Repairs to use 14mm, 1/2"' reach spark plugs. Cylinder head removal is required.

4013 Spark Plug Inserts, 14mm – ½" Reach, Set of 4

4013

CHROMOLY VALVE SPRING RETAINERS

Manufactured from super strong lightweight chromoly, precision cnc machined to an exacting tolerance and heat-treated. These retainers are virtually unbreakable. Use with single or dual spring setups.

4015 Chromoly Spring Retainers, Set of 8

4015

TITANIUM VALVE SPRING RETAINERS

Precision machined, these light weight hi-performance retainers will stand up to the demands of all performance engines.

4007 Titanium Retainers, Set of 8

NEW!

NEW! 4007

STOCK VALVE SPRING RETAINERS

Valve Spring Retainers have a hard life, having to withstand thousands of cycles per minute. It only makes sense to use new Retainers on every stock valve job. Sold in bulk, each.

98-1964-B Stock Valve Spring Retainers, 1200-1600cc, Bulk, Each
(Ref. P/N: 113 109 641B)

113 109 641B

HI-PERFORMANCE STOCK 1.1:1 ROCKER KIT

Same quality Chromoly Rockers, high strength alloy shafts and stands as our 1.25 and 1.4 rockers in the 1.1:1 Stock Ratio. Rocker screws have M8-1.0 threads.

17-2954 Hi-Performance Stock 1.1:1 Rocker Kit

(1/2 Assembled)

(1/2 Unassembled)

21-2309

EMPI HI-PERFORMANCE ROCKER SHAFT KITS

Increase the RPM potential of your engine and get more power. EMPI's rocker shaft kits help to eliminate rocker shaft side play that causes rocker arm galling, clip and washer failure. P/N: 21-2309 includes precision ground high strength shafts, with solid steel center spacer and shims. P/N: 21-2308 is similar to P/N: 21-2309 but has a floating aluminum center spacer which allows for "fine tuning" of rocker arm geometry and positioning. All necessary hardware is included. Best when used with EMPI's swivel foot adjusters.

21-2308

21-2309	EMPI Hi-Performance/High Strength Rocker Shaft Kit
21-2308	EMPI Hi-Performance Rocker Shaft Kit w/Floating Center Spacer

21-2170

21-2168

I.D. = 19.50mm / O.D. = 25.40mm

EMPI HIGH-RATIO FORGED ROCKERS

These superior quality chromoly rockers are just the answer for either a mild street or a hi-performance competition engine. EMPI's rocker arms are made from forged chromoly and then precision ground and heat treated. Not only are these the strongest rocker arms available, they are also drilled through on the alloy adjusting screws so both screws and rocker arms are fully lubricated. All shafts, blocks and shims are high strength alloy as well. Precision ground bronze bushings with through hole lubrication ensures that premature failure of the old needle bearing rocker arm design is a thing of the past. Chromoly rocker arm studs are provided to complete this kit and make installation and use a trouble free experience. Requires P/N: 4034 Cut-to Length Pushrods to set valve train geometry and achieve the correct pushrod length.

21-2162	EMPI 1.25 Forged Rocker Arms, w/Bushing, Set
21-2164	EMPI 1.40 Forged Rocker Arms, w/Bushing, Set
21-2170	Replacement Adjustment Screw and Nut Only, 5/16"-24 threads, Each
21-2166	Rocker Shaft Shims Only, .030" Thickness, Set of 8
21-2167	Rocker Shaft Shims Only, .015" Thickness, Set of 8
21-2168	Rocker Shaft Shims Only, .010" Thickness, Set of 8

21-2312

21-2313

1.25 RATIO FORGED ROCKER ARMS

Forged for strength and durability, these ratio rocker arms provide an easy and inexpensive way to get more power and acceleration from any 1200-1600cc engine. No special modifications are needed, the 1.25's work with stock rocker shafts, push rods and adjusters or with our hi-performance shafts and swivel foot adjusters. The 1.25 Rocker Arms will not affect cam duration, bottom end performance or reliability and can be run with stock carburetors. They are quick and easy to install.

21-2312	1.25 Ratio Forged Rocker Arms, Set of 8
21-2313	O.E. Type Valve Adjusting Screw/Nut Kit, M8-1.0 threads, Set of 8

CHROMOLY ROCKER STUDS

Chromoly Rocker Studs are superior in strength to stock studs. A must have for hi-performance heads with dual valve springs. Installs without modification in Type 1/2/3 1500-1600cc based heads. Sold in sets of 4.

21-2314 Chromoly Rocker Studs, Set of 4

HEAVY DUTY PERFORMANCE SWIVEL VALVE ADJUSTERS

EMPI Heavy Duty Performance Swivel Feet Adjusters feature a large foot print that covers the valve stem to reduce the chance of mushrooming and side load friction. Contact areas are precision ground and hardened. Features slotted screw head design. Kit is complete with rocker stand shims to insure correct rocker arm geometry.

21-2031 H.D. Swivel Head Valve Adjusters, M8-1.0 threads, Set of 8

BALL FOOT SWIVEL VALVE ADJUSTERS

Prevent valve stem wear caused by the side load of high lift cams and high valve spring pressure. A must for any hi-performance engine. Installation requires no special tools. Features slotted screw head design. Each kit includes rocker stand shims for correct height adjustment.

4061 Ball Foot Swivel Valve Adjusters, M8-1.0 threads, Set of 8

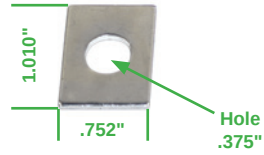
VALVE ADJUSTMENT SCREW/NUT

98-0114-B M8 x 1.0 Valve Adjustment Screw, Type 1 50-79, Ghia 56-74, Type 2 50-71, Type 3 64-73, Each
(Ref. P/N: 043 109 451)

98-0112-B Nut for Valve Adjustment Screw, Type 1 50-79, Each
(Ref. P/N: N011 152 1)

ROCKER ARM STAND SHIMS

Designed to go between the rocker stand and the head boss for correct rocker arm height and geometry. Available in 3 sizes (Thickness).

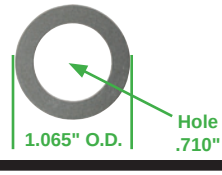


21-2315 Rocker Arm Shims, .015", Set of 4
21-2330 Rocker Arm Shims, .030", Set of 4
21-2360 Rocker Arm Shims, .060", Set of 4

21-2310 Rocker Arm Shim Kit, 12 pcs. total
Includes 4pcs. each of .015", .030", and .060"

ROCKER SHAFT SHIMS

Replace the wave washers on the stock rocker shaft set-up. Eliminates excess side play and maintains proper valve train geometry. Each kit contains 8 shims and is available in 4 sizes (Thickness). All shims are zinc plated. These shims will work on 17-2954, 21-2308 and 21-2309.



4058 Rocker Shaft Shims, .010", Set of 8
4055 Rocker Shaft Shims, .015", Set of 8
4056 Rocker Shaft Shims, .030", Set of 8
4057 Rocker Shaft Shims, .060", Set of 8

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EMPI HI-PERFORMANCE C-CHANNEL BOLT-ON VALVE COVERS

Made from investment cast aluminum, with cast in EMPI logo and polished ribs on a black background. The finned design helps reduce upper cylinder head temperature and there is enough clearance for most high lift rocker arms. It also has a boss that can be drilled for venting to a breather box. The special C-Channel-Type gaskets and stud seals insure positive sealing. Installation on 67 and prior Bugs may require trimming of the body for clearance. Complete with all gaskets and hardware.

8852	"EMPI" Valve Cover Set
8868	Replacement Channel Gaskets, Pair
8897	Replacement Hardware Kit

BOLT-ON ALUMINUM VALVE COVERS

These cast aluminum covers are great for Off-Road use, where the bale/clip type may come loose. The O-Ring stud seals prevent oil seepage. Clearanced for use with hi-lift rockers. Use with stock cork/rubber gaskets, or with our high quality reusable neoprene gaskets. Complete with cork/rubber gaskets and hardware.

9152	Bolt-On Aluminum Valve Cover Set
9086	Replacement Hardware Kit
9087	Replacement O-Ring Seals Only, Set of 4
9088	Neoprene Valve Cover Gaskets, Pair
9907	Stock Style Cork/Rubber Valve Cover Gaskets, Pair

(Bulk P/N: 113 101 481F, Each)

CLIP-ON ALUMINUM VALVE COVERS

Cast and polished aluminum with cool fins to increase heat dissipation from the upper head area. Includes chrome bales/clips and cork/rubber gaskets.

9138	Clip-On Aluminum Valve Cover Set
9089	Replacement Chrome Bales/Clips, Pair
9088	Neoprene Valve Cover Gaskets, Pair
9907	Stock Style Cork/Rubber Valve Cover Gaskets, Pair

(Bulk P/N: 113 101 481F, Each)

STOCK STYLE VALVE COVERS

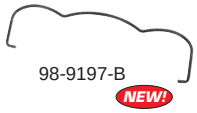
Made from heavy duty stamped steel, and available in chrome or black. Complete with bales, clips and cork/rubber gaskets.

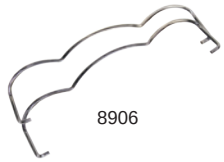
8905		Chrome Stock Style Valve Covers, Set
98-9196	NEW!	Black Stock Style Valve Covers, Set
98-9196-B	NEW!	Bulk Black Stock Style Valve Cover, Each

(Ref. P/N: 113 101 475B)

8906		Replacement Chrome Bale/Clips, Pair
98-9197-B	NEW!	Valve Cover Bale, Black, Each

(Ref. P/N: 043 101 487)





EMPI "GT" C-CHANNEL BOLT-ON VALVE COVERS

What's old is new again...New EMPI "GT" Valve covers featuring high polished fins and sides with black matte center, deeper bosses for breather vent fittings, and internal gussetting for strength. Enough clearance for most high lift rocker arms. Special C-Channel-Type gaskets and stud seals insure positive sealing. Installation on 67 and prior Bugs may require trimming of the body for clearance. Complete with all gaskets and hardware.

8854

8854 EMPI "GT" Valve Cover Set
8868 Replacement Channel Gasket, Pair
8897 Replacement Hardware Kit

BUGPACK RACING VALVE COVERS

The strongest aluminum valve cover model on the market just got better! We have re-tooled our original valve cover to allow even more clearance for high lift rocker arms while still maintaining the superior strength these valve covers are known for. Comes with a cast-in boss for vents. Complete with cork/rubber gaskets and hardware.

B450200

B450200 BUGPACK Racing Valve Covers, Pair
9086 Replacement Hardware Kit

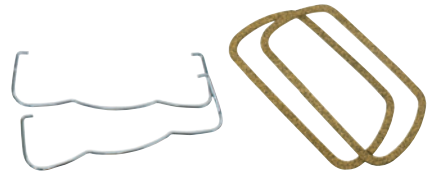
EMPI STAINLESS STEEL VALVE COVERS

Stamped stainless steel then polished to high luster. EMPI stamped into the valve cover. Clearanced for use with most Hi-Lift Rockers. Includes chrome bales and cork/rubber gaskets.

16-9470

16-9470 EMPI Stainless Valve Cover, w/Bales, Pair
16-9468 Replacement Chrome Bales for P/N:16-9470, Pair

9088 Neoprene Valve Cover Gaskets, Pair
9907 Replacement Stock Style Cork/Rubber Valve Cover Gaskets, Pair
(Bulk P/N: 113 101 481F, Each)



EMPI BOLT ON ALUMINUM VALVE COVERS FOR 1700-2000cc

These polished Aluminum Bolt-On Valve Covers fit Type 2/4 1700-2000cc engines. The finned design aids heat dissipation and they look great. Complete with all gaskets and hardware. Uses stock gaskets.

8855

8855 1700-2000cc Bolt-On Aluminum Valve Cover Set
98-0148 Replacement Valve Cover Gasket, Pair
(Bulk P/N: 021 101 481, Each)

9088

VALVE COVER GASKETS

Choose from stock style cork/rubber or high quality re-usable neoprene. Sold in pairs.

9088 Neoprene Valve Cover Gaskets, Pair
9907 Stock Style Cork/Rubber Valve Cover Gaskets, Pair
(Bulk P/N: 113 101 481F, Each)

B400431

BUGPACK SUPER FLO VALVE COVER GASKETS

B400431 NEW! Bugpack Super Flo Cork Valve Cover Gaskets, Pr.

B400640

BUGPACK ANGLE FLO VALVE COVER GASKETS

B400640 NEW! Bugpack Angle Flo Cork Valve Cover Gaskets, Pr.

8544

EMPI CAST ALUMINUM OIL BREATHER KIT

Reduce crankcase pressure, eliminate blow-by and oil loss. High revving modified engines require more crankcase ventilation than the stock breather can supply. With the EMPI Aluminum Oil Breather Kit the blow-by oil is collected in the foam filter and the air vapors are vented to the atmosphere. New features include the EMPI logo cast in the top, improved heavy duty breather hose 1/2" I.D., plus internal changes that includes a screen mesh shelf to elevate the foam filter element.

8544 Complete Engine Oil Breather Kit

9242 Replacement Hose, Black (8 Feet)

9164

VALVE COVER VENTS

Decrease crankcase pressure, eliminate blow-by and reduce oil loss with these easy to install Valve Cover Vents. Features our Sure Seal O-Ring system. Vent into air cleaner or a breather box.

9164 Valve Cover Vents, Pair

9165

DELUXE VALVE COVER VENTS

These deluxe vents feature a barbed end for the 1/2" I.D. Hose. Decrease crankcase pressure, eliminate blow-by and reduce oil loss with these easy to install Valve Cover Vents. Features our Sure Seal system. Vent into air cleaner or a breather box.

9165 NEW! Deluxe Valve Cover Vents, Pair

STOCK REPLACEMENT CAMSHAFTS

Brand new Stock Replacement Camshaft is available in both Early Flat Gear and Late Dished Gear Designs.
Remember, new cam lifters must be used with a new cam.

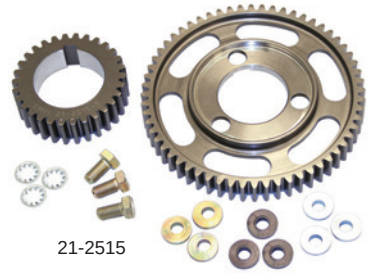
98-1920-B Stock Cam w/Flat Gear, 1300-1600cc, 66-70
(Ref. P/N: 113 109 021D)
98-1921-B Stock Cam w/Dished Gear, 1600cc, 71-79
(Ref. P/N: 113 109 021G)

98-1921-B

EMPI STRAIGHT CUT ADJUSTABLE CAM GEAR SET

Steel cam and crank gear set with straight cut teeth creates less drag for increased horsepower. This design reduces thrust load on the cam bearings preventing premature failure. Cam timing is adjustable with the special offset washers. Manufactured from 8620 Carbon Steel for superior strength along with a lightweight cam gear design makes this the ultimate cam gear set to use. Kit includes 5/16" - 24 SAE Grade 8 bolts and washers for easy installation. Fits all 1200-1600cc Type 1/2/3.

21-2515 Straight Cut Cam/Crank Gear Set


21-2515

EMPI STRAIGHT CUT CAM GEAR SET

Steel cam and crank gear set with straight cut teeth creates less drag for increased horsepower. This design reduces thrust load on the cam bearings preventing premature failure. Manufactured from 8620 Carbon Steel for superior strength along with a lightweight cam gear design makes this the ultimate cam gear set to use. Kit includes 5/16" - 24 SAE Grade 8 bolts and washers for easy installation. Fits all 1200-1600cc Type 1/2/3.

21-2514 NEW! Straight Cut Cam/Crank Gear Set

NEW! 21-2514

ADJUSTABLE CAM GEAR KIT

Allows you to easily dial in your cam timing with the offset washers. The gear is precision machined from high quality aluminum and the kit includes special washers and 5/16" - 24 SAE Grade 8 bolts. Fits all 1200-1600cc Type 1/2/3.

21-2510 Adjustable Aluminum Cam Gear Kit

21-2510

BOLT-ON CAM GEAR

Our Bolt-On Aluminum Cam Gear is made from high quality aluminum and precision machined for trouble free valve train performance. Works with all aftermarket and O.E. camshafts. Use our high grade cam gear bolts to attach gear to cam.

21-2500 Bolt-On Aluminum Cam Gear Only

21-2500

LOW PROFILE CAM BOLTS

These Low Profile 5/16"-24 SAE Grade 8 Cam Bolts offer a reduced head thickness for extra clearance when installing a 3-Bolt Cam & Gear with some Hi-Performance oil pumps. These bolts will clear all pumps.

21-4315 Low Profile Cam Bolts and Washers, Set

21-4315

CAM GEAR BOLTS

High Grade 5/16" - 24 SAE Grade 8 bolts with washer attached, for aftermarket cams. Use these bolts to attach our P/N: 21-2500 Cam Gear. These bolts will clear most pumps.

21-4310 Cam Gear Bolts, Set of 3

21-4310

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EMPI HI-PERFORMANCE CAMSHAFTS - TYPE 1

Street & Race-Proven profiles designed and manufactured for maximum performance and reliability. We start with a select Chilled Cast Iron Billet. Each camshaft is then machined and ground completely on CNC equipment, delivering exacting tolerances and repeatability. Select the appropriate cam for your application and install using new Cam Lifters. Each cam is supplied with a tube of assembly lube. Requires purchase of Cam Lifters, Gear and Bolts.

ZDDP or ZDTP should be either in the oil that you chose or added to the oil you chose when running any flat tappet camshaft.

The level of ZDDP has been reduced in the API SM oil spec, along with the increased use of calcium detergents and dispersants resulting in failures for flat tappet camshaft applications.

Many articles in all variety of magazines have been written on this subject.

Application	Part #	Lift (1.1)	Duration	Cam Lift	Dur. @ .050	Lobe Center
EMPI CAMS WITH GRINDS FOR 1.1 OR 1.25 RATIO ROCKERS						
Street/Dune Buggy	**22-4100**	.420"	276	.383"	236	108
Hot Street/Off-Road	**22-4110**	.430"	284	.392"	247	108
Hot Street/Off-Road Comp.	**22-4120**	.435"	294	.397"	253	108
Drag/Off-Road Comp.	**22-4125**	.460"	301	.418"	262	108
Drag/Off-Road Comp.	**22-4130**	.460"	308	.419"	267	108
Comp. Drag/Off-Road	**22-4140**	.465"	313	.424"	274	108
EMPI CAMS WITH HIGH LIFT GRINDS FOR 1.1 RATIO ROCKERS						
Small Disp./Off-Road Comp.	**22-4014**	.462"	274	.420"	242	108
Med. Disp./Off-Road Comp.	**22-4015**	.478"	279	.435"	250	108
Midget/Crc. Trk./Off-Road	**22-4025**	.470"	286	.429"	256	108
Comp. Drag Only/Off-Road	**22-4030**	.507"	298	.461"	262	108
Comp. Drag Only/Off-Road	**22-4035**	.490"	309	.448"	278	108
EMPI TURBO GRIND CAMS FOR 1.1 ONLY RATIO ROCKERS						
Street/Strip/Low Comp. Eng.	**22-4210**	.430/.420"	284/276	.392/.383"	247/236	112/112
Comp. Drag Only/Lg. Disp. Eng.	**22-4220**	.435/.430"	294/284	.397/.392"	253/247	112/112
Comp. Drag Only/Lg. Disp. Eng.	**22-4230**	.460/.435"	308/294	.419/.397"	267/253	112/112
EMPI CAMS WITH HIGH LIFT GRINDS FOR 1.4 TO 1.5 ROCKERS (LIFT BASED ON 1.4)						
Med. Disp./Off-Road Comp.	**22-4007**	.500"	288	.357"	244	108
Street/Strip/Large Disp. Eng.	**22-4008**	.534"	298	.382"	258	108
Comp. Drag/Off-Road	**22-4010**	.539"	310	.385"	266	108
Street/Strip/Large Disp. Eng.	**22-4013**	.536"	281	.383"	250	108
Med. Disp./Off-Road Comp.	**22-4065**	.478"	280	.342"	236	108
Comp. Drag/Off-Road	**22-4087**	.561"	320	.401"	276	108
Comp. Drag Only/Off-Road	**22-4089**	.582"	328	.416"	282	108
Comp. Drag Only/Off-Road	**22-4097**	.622"	328	.443"	287	108
Comp. Drag Only/Off-Road	**22-4098**	.624"	332	.446"	291	108
EMPI CAMS WITH HIGH LIFT GRINDS FOR 1.4 TO 1.5 ROCKERS (LIFT BASED ON 1.4)						
Bottom/Mid. Powerband	**22-4041**	.510"	269	.364"	239	108
Med. Disp/Hot Street/Off Road	**22-4042**	.522"	275	.373"	245	108
Off-Road/Drag Comp. Only	**22-4044**	.547"	287	.391"	256	108
Off-Road/Drag Comp. Only	**22-4045**	.561"	295	.401"	263	108
Off-Road/Drag Comp. Only	**22-4046**	.571"	301	.408"	268	108
Off-Road/Drag Comp. Only	**22-4047**	.587"	308	.419"	276	108

EMPI HI-PERFORMANCE CAMSHAFT KITS - TYPE 1

Kits come with EMPI Cam, EMPI Cam Gear, Bolts, Lifters, and Lube.

- The **23 Series** comes with Billet 28mm 1-PC Performance Lifters without an Oil Hole.
- The **24 Series** comes with Billet 28mm 1-PC Performance Lifters with an Oil Hole.

ZDDP or ZDTP should be either in the oil that you chose or added to the oil you chose when running any flat tappet camshaft.

The level of ZDDP has been reduced in the API SM oil spec, along with the increased use of calcium detergents and dispersants resulting in failures for flat tappet camshaft applications.

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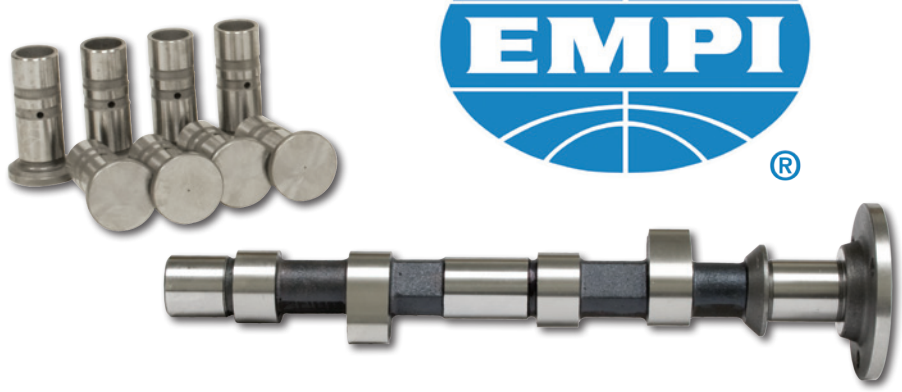


Application	Part #	Lift (1.1)	Duration	Cam Lift	Dur. @ .050	Lobe Center
EMPI 23 SERIES CAM KITS WITH 21-4300 LIFTERS						
Street/Dune Buggy	**23-4100**	.420"	276	.383"	236	108
Hot Street/Off-Road	**23-4110**	.430"	284	.392"	247	108
Hot Street/Off-Road Comp.	**23-4120**	.435"	294	.397"	253	108
Drag/Off-Road Comp.	**23-4125**	.460"	301	.418"	262	108
Small Disp./Off-Road Comp.	**23-4014**	.462"	274	.420"	242	108
Med. Disp./Off-Road Comp.	**23-4015**	.478"	279	.435"	250	108
EMPI 24 SERIES CAM KITS WITH 21-4304 LIFTERS W/ OIL HOLE						
Street/Dune Buggy	**24-4100**	.420"	276	.383"	236	108
Hot Street/Off-Road	**24-4110**	.430"	284	.392"	247	108
Hot Street/Off-Road Comp.	**24-4120**	.435"	294	.397"	253	108
Drag/Off-Road Comp.	**24-4125**	.460"	301	.418"	262	108
Small Disp./Off-Road Comp.	**24-4014**	.462"	274	.420"	242	108
Med. Disp./Off-Road Comp.	**24-4015**	.478"	279	.435"	250	108

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EMPI 28MM LIGHTWEIGHT PERFORMANCE LIFTERS

Precision ground and heat treated. In addition this lifter is available with an oil hole in the face for extra lubrication for those high load, hi-performance applications.
Weigh only 3.2 oz each.

21-4300 1-Piece Lifters, 28mm, w/o Oil Hole, Set of 8
(Bulk P/N: 113 109 309C) Each
21-4304 1-Piece Lifters, 28mm, w/Oil Hole, Set of 8

EMPI 29MM ULTRA-LIGHTWEIGHT LIFTERS

1-Piece Ultra-Lightweight lifters – only 2.6 oz. each, .8 oz. less than a stock lifter. Precision Ground, heat treated with an oil hole in the face for extra lubrication. Push rod cup surface is Chromoly.

21-4307 EMPI Ultra-Lightweight Lifters, Set of 8

EMPI 30MM LIGHTWEIGHT RACING LIFTERS

These lifters offer the same features as our 28mm face area lifters, above. With the addition of a 30mm face allowing for full contact when used with higher lift cam profiles these lifters can fill the needs of any racer! Weigh only 3.3 oz each.

21-4305 1-Piece Lifters, 30mm, w/Oil Hole, Set of 8
21-4306 1-Piece Lifters, 30mm, w/o Oil Hole, Set of 8

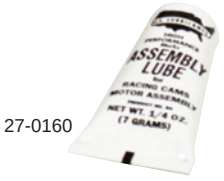
31MM HI-PERFORMANCE CAM LIFTERS

EMPI's 31mm surface contact lifters have 15% more contact area than stock lifters to reduce scuffing and early lobe wear. Precision ground. Sold in matched sets of 8.
Weigh only 3.4 oz each.

21-4302 31mm Performance Cam Lifters, w/Oil Hole, Set of 8

TYPE 4 LIFTERS

98-8625-B NEW! Solid Lifter, Type 2 72-77, Type 4 71-74, 1700-2000cc, Each
(Ref. P/N: 021 109 309G)



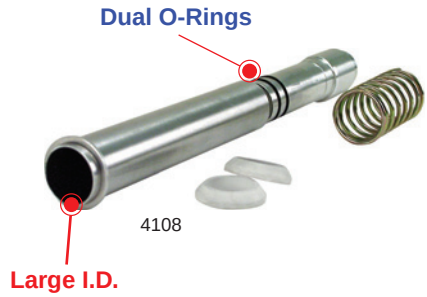
MOLY ASSEMBLY LUBE

Applied to all bearing surfaces, cam and cam followers during assembly, this high grade moly lube insures proper lubrication upon initial engine start up and break in.

27-0160 Moly Assembly Lube, 1/4 oz. Tube

EMPI HI-PERF. ALUMINUM PUSH ROD TUBES

These billet aluminum machine finish push rod tubes have been designed to the specific requirements of hi-performance engine building. Features include two piece spring tensioned tubing that expands and contracts with engine, dual o-ring seals between the tubes, stock type end seals, plus they have an inner tube diameter of 7/8" at the head end for maximum push rod clearance. Aluminum tube can be shortened for narrower engine applications.



4108	EMPI Hi-Performance Aluminum Push Rod Tubes, Each
4109	EMPI Hi-Performance Aluminum Push Rod Tubes, Set of 8
4110	Replacement O-Ring Set for P/N: 4108/4109, 16 pcs.

ADJUSTABLE ALUMINUM PUSH ROD TUBES

Change damaged or leaking push rod tubes in minutes without removing the engine or heads. Great for emergency repairs or permanent installation. The center o-ring seal stops oil leaks. Made from heavy duty aluminum for strength and anodized for good looks. Fits 1200-1600cc.

9139	Adjustable Push Rod Tube w/Seals, Each
9139-7	Adjustable Push Rod Tube w/o Seals, Each
9149	Adjustable Push Rod Tube w/o Seals, Set of 8
9038	Replacement O-Ring, Set of 8

ALUMINUM QUICK CHANGE PUSH ROD TUBES

The spring loaded design also allows you to quickly change damaged or leaking push rod tubes with the engine in the car. The heavy duty spring keeps a constant tension for a positive seal. Made from heavy duty aluminum and fully blue anodized for good looks and protection from the elements. Fits 1200-1600cc.

9095	Quick Change Push Rod Tube w/Seals, Each
9096	Quick Change Push Rod Tube w/Seals, Set of 8

NYLON SELF-ADJUSTING PUSH ROD TUBES

The heat resistant high impact design nylon is an economical alternative to the aluminum self-adjusting push rod tube and offers the same benefits (Black). Fits all 1200-1600cc.

9159	Nylon Push Rod Tube w/Seals, Set of 8
9159-7	Nylon Push Rod Tube w/o Seals, Set of 8
9160	Nylon Push Rod Tube w/Seals, Each
9160-B	Bulk Nylon Push Rod Tube w/o Seals, Each

(Ref. P/N: 311 109 335 ADJ)

STAINLESS STEEL WINDAGE PUSH ROD TUBES

Get your oil under control. Windage Push Rod Tubes extend further into the case to prevent oil from over filling the valve covers during cornering, side hilling in the dunes, or hard race use. Made from stainless steel to resist corrosion. Fits all 1300-1600cc.

8530 Stainless Windage Push Rod Tubes, w/o Seals, Each
8531 Stainless Windage Push Rod Tubes, w/o Seals, Set of 8

8530-B Bulk Stainless Windage Push Rod Tubes, w/o Seals, Each

STAINLESS STEEL PUSH ROD TUBES

No rust or corrosion with EMPI Stainless Steel Push Rod Tubes. The ultimate in strength and good looks. Fits all 1300-1600cc.

8520 Stainless Push Rod Tube w/o Seals, Each
8521 Stainless Push Rod Tube w/o Seals, Set of 8

8520-B Bulk Stainless Push Rod Tube w/o Seals, Each

PUSH ROD TUBES

Replacement quality push rod tubes. Ideal for new engine builds and rebuilds.

8522-1 Bulk Stock Push Rod Tube, 13-1600cc, Raw, Each
(Ref. P/N: 311 109 335)

98-8627-B NEW! Bulk Stock Push Rod Tube, 25-36hp, Raw, Each
(Ref. P/N: 111 109 335)

98-8626-B NEW! Bulk Stock Push Rod Tube, 1200/40hp, Raw, Each
(Ref. P/N: 113 109 335)

98-8629-B NEW! Bulk Windage Tube, 13-1600cc, Raw, Each
(Ref. P/N: 311 109 335W)

98-8630-B NEW! Bulk Windage Tube w/ Wide End, 13-1600cc, Raw, Each
(Ref. P/N: 040 109 335W)

98-8628-B NEW! Bulk Stock Push Rod Tube, Type 2 1972-1979, 1700-2000cc, Air Cooled Vanagon 1980-1983 Silver Zinc, Each TYPE 2
(Ref. P/N: 021 109 335C)

PUSH ROD TUBE SEALS

Choose from High Temperature Silicone or Stock replacement seals. The High Temperature Silicone Push Rod Tube Seals will hold up to high heat without drying and cracking.

9153 Silicone Push Rod Tube Seal Kit, 16 pcs.
(Bulk P/N: 113 109 345AS, Bag of 100)
9150 Stock Push Rod Tube Seal Kit, 16 pcs.
(Bulk P/N: 113 109 345A, Bag of 100)

98-9204-B NEW! Push Rod Tube Seal, Late Type 2 / Type 4, 1700-2000cc, Case Side (Inner), Each (Elring)
(Ref. P/N: 021 109 345A)

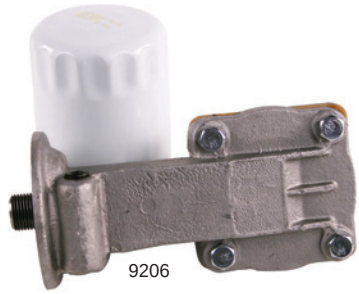
98-9203-B NEW! Push Rod Tube Seal, Viton Material, Late Type 2 / Type 4, 1700-2000cc, Head Side (Outer), Each (Elring)
(Ref. P/N: 021 109 349B)

OIL SYSTEM COMPONENTS

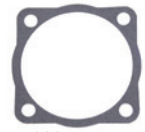
FULL FLOW FILTER PUMPS

These high capacity (32mm gears) pumps provide added oil pressure, increased oil volume and oil cooling. The filter cleans the oil 100% of the time. Kit includes filter and all necessary hardware. (Will not fit the stock muffler or P/N 3417, 3448, 3450, 3470, 3485, 3602, 3675, 3680, 3760, 3761, 3762, 3766, 55-3470).

9206	Pump w/Filter, 1300-1600cc, thru 70, w/Flat Cam Gear, Includes 6 & 8mm Bolts
9206-7	Pump Only, 1300-1600cc, thru 70, w/Flat Cam Gear, Includes 6 & 8mm Bolts
9207	Pump w/Filter, 1600cc, from 71, w/Dish Cam Gear, Includes 8mm Bolts
9207-7	Pump Only, 1600cc, from 71, w/Dish Cam Gear, Includes 8mm Bolts
9208	Replacement Oil Filter
9286	Replacement 6mm Mounting Bolts, Set of 4
9287	Replacement 8mm Mounting Bolts, Set of 4
9207-5	Replacement Gasket between the Cover and Pump, Each
9207-4	Replacement Gasket between Pump and Engine Case, Each



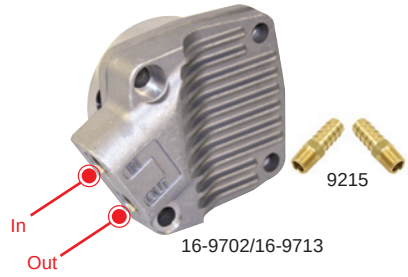
9207-5


9207-4

FILTER FLOW OIL PUMP

Add a conventional oil filter to your engine with this 32mm gear oil pump with 1/4" NPT tapped inlet and outlet. Supplied with Hardware and Gasket. Use P/N 9215 fittings.

16-9702	Filter Flow Oil Pump, thru 70, w/Flat Cam Gear, Each
16-9713	Filter Flow Oil Pump, 71 & Later w/Dish Cam Gear, Each
9215	1/4" Male NPT w/ 1/2" Hose Barb, Pack of 2



H.D. CAST IRON FULL FLOW PUMP KIT

Made from Cast Iron, precision machined for maximum performance and distortion free fit. This Heavy Duty pump provides increased oil pressure, flow and volume. Packaged with our matching EMPI Steel Cover with a 3/8" NPT threaded boss, 8mm Allen Head Cap Screw Bolts and gaskets. For 71 & later, pump and engine case must be threaded and plugged. Plugs not included.

16-9714 H.D. Cast Iron Full Flow Pump Kit, thru 70, 30mm Gears, Flat Cam Gear*

*Pump is Full-Flow Ready, without an exit passage port. No need to thread the Oil Pump! To be used with Full-Flow Pump Cover ONLY.

16-9715 H.D. Cast Iron Full Flow Pump Kit, 71 & Later, 34mm Gears, Dish Cam Gear

H.D. ALUMINUM FULL FLOW PUMP KITS

Precision machined from aluminum for maximum performance, these pumps feature high capacity 32mm gears– providing increased oil pressure, flow and volume. P/N 16-9716 and P/N 16-9717 are packaged with our matching EMPI Polished Billet Aluminum Cover with a 3/8NPT threaded boss, 8mm Allen Head Cap Screw Bolts and gaskets. P/N 16-9718 and P/N 16-9719 are packaged with our NEW EMPI P/N 17-2947 Polished Billet Aluminum Cover with a 3/8NPT threaded boss, 8mm Allen Head Cap Screw Bolts and gaskets. For 71 & later, pump and engine case must be threaded and plugged. Plugs not included.

16-9716 Aluminum Full Flow Pump Kit, thru 70 Flat Cam Gear*

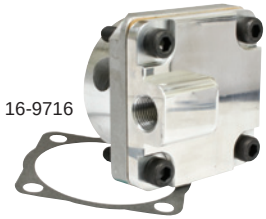
*Pump is Full-Flow Ready, without an exit passage port. No need to thread the Oil Pump! To be used with Full-Flow Pump Cover ONLY.

16-9717 Aluminum Full Flow Pump Kit, 71 & Later, Dish Cam Gear

16-9718 Aluminum Full Flow Pump Kit, thru 70. Flat Cam Gear*

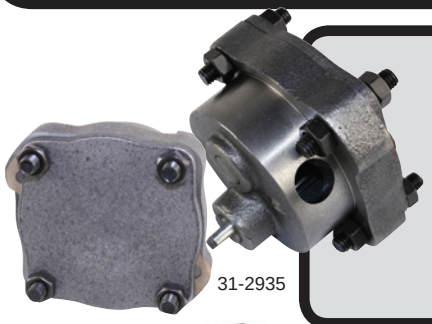
*Pump is Full-Flow Ready, without an exit passage port. No need to thread the Oil Pump! To be used with Full-Flow Pump Cover ONLY.

16-9719 Aluminum Full Flow Pump Kit, thru 71 & Later, Dish Cam Gear


16-9716

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

OIL SYSTEM COMPONENTS



31-2935

EMPI HEAVY DUTY OIL PUMPS

The gears on the EMPI H.D. Oil Pumps are 38% larger than stock pumps; providing increased oil pressure, oil flow, volume and lower oil temperature. Made from cast iron and precision machined for a distortion free fit. The early style P/N: 31-2935 pump is compatible with stock and hi-performance cams with flat cam gears. Complete with gasket and studs.

31-2935 1300-1500cc, thru 70, 30mm Gears, 8mm Studs, w/Flat Cam Gear
31-2925 1600cc, from 71, 34mm Gears, 8mm Studs, w/Dish Cam Gear

31-2955

MELLING HEAVY DUTY OIL PUMPS

The Melling H.D. Oil Pumps are made from cast iron and has gears that are 38% larger than stock. Genuine Melling with 30mm gears. Melling Part Numbers M79AHV and M79BHV are interchangeable. Complete with gasket and studs.

31-2955 1300-1600cc, thru 70, 8mm Studs, w/Flat Cam Gear (M79AHV)
31-2952 NEW! 1600cc, 1971 & Later, 8mm Studs, w/Dish Cam Gear (M79CHV)

9148-7

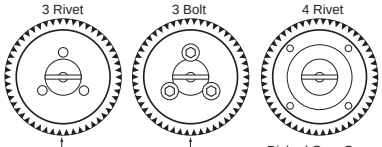
Pump Only

STOCK STYLE HEAVY DUTY OIL PUMPS

For stock and moderate hi-performance engines. Oil volume is increased. Made from cast aluminum and machined to exacting tolerances. These pumps have 30mm gears. Pumps are supplied without cover, use P/N: 9148-7 cover. All Pumps are for 8mm studs.

111 115 107AHP	**98-1158-B**	H.D. Oil Pump, w/Flat Cam Gear, 30mm Gears, 1500-1600cc, thru 70
111 115 107BHD	**98-1159-B**	H.D. Oil Pump, w/Dish Cam Gear, 30mm Gears, 1600cc, from 71
9148-7 (Bulk P/N: 311 115 141C)		Oil Pump Cover Only, Stock Style

Camshaft & Cam Gear Identification



SCHADEK OIL PUMPS

These are the finest in heavy-duty oil pumps. Aluminum housings and steel alloy gears make construction superior. The aluminum housing expands and contracts with heat fluctuations at the same rate as the engine case so the possibility of leakage is minimal. Pump includes gaskets. Pumps are supplied without cover, use P/N: 9148-7 cover.

98-1120-B NEW!
Schadek P/N 10-003
Schadek Oil Pump F/ Flat Cam, 21mm Gears
Oil Pump, 8mm Bolt Holes, 21mm Gears, 1500-1600cc
Fits Type 1 68-69, Type 2 68-69, Type 3 68-69
Fits Single Relief Case with Flat Cam Gear
(Ref. P/N: 311 115 107AK)

98-1121-B NEW!
Schadek P/N 10-014
Schadek Oil Pump F/ Dish Cam, 26mm Gears
H.D. Oil Pump, 8mm Bolt Holes, 26mm Gears, 1600cc, 1.9 & 2.1
Fits Type 1 71-79, Type 2 71, Type 3 71-73, 83-91 Vanagon
Fits 70-79 Dual Relief Case with Dished Cam Gear
(Ref. P/N: 111 115 107BKHD)

98-1122-B NEW!
Schadek P/N 10-042
Schadek Oil Pump F/ Flat Cam, 26mm Gears
H.D. Oil Pump, 8mm Bolt Holes, 26mm Gears, 1600cc
Fits Type 1 70, Type 2 70, Type 3 70
Fits 70-79 Dual Relief Case with Flat Cam Gear
(Ref. P/N: 111 115 107AKHD)

98-1123-B NEW!

9148-7

98-1123-B NEW!
Schadek P/N 10-045
Schadek Oil Pump F/ Flat Cam, 30mm Gears
H.D. Oil Pump, 8mm Bolt Holes, 30mm Gears, 1600cc
Fits Type 1 70, Type 2 70, Type 3 70
Fits 70-79 Dual Relief Case with Flat Cam Gear
(Ref. P/N: 111 115 107AHD)

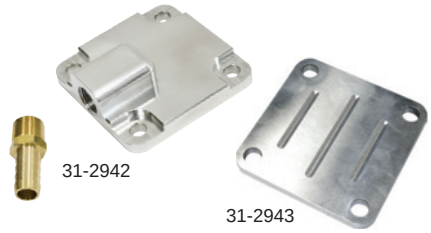
9148-7
(Bulk P/N: 311 115 141C)
Oil Pump Cover Only, Stock Style

EMPI BILLET ALUMINUM OIL PUMP COVERS

With everything else being made from 6061-T6 aluminum it was only natural to offer our 8mm oil pump covers like that. These are available for both full flow and stock style applications. Fitting & gasket included with 31-2942. Gasket included with P/N 31-2943.

31-2942 Billet Aluminum Oil Pump Cover, 8mm, Full Flow

31-2943 Billet Aluminum Oil Pump Cover, 8mm, w/o Full Flow or Fitting



BILLET ALUMINUM OIL PUMP COVER

Show quality Polished Billet Aluminum oil pump cover with 3/8NPT threaded boss for a full flow system…or plug it and use as a decorative cover. Supplied with 3/8NPT fitting and gasket

17-2947 Billet Aluminum Oil Pump Cover

OIL PUMP COVERS

Our precision fit oil pump covers are made with a threaded boss for use with full flow filter or cooler. Fits all VW pumps with 8mm bolt holes. Both P/N 31-2940 and P/N 9226 come complete with fitting and gasket. The stock style cover is made of steel and has 8mm bolt holes.

9226 Oil Pump Cover w/Fitting and Gasket, Aluminum

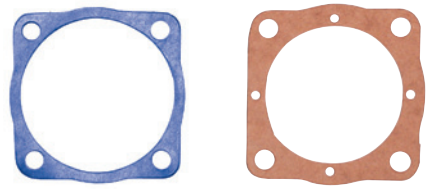
9148-7 Oil Pump Cover Only, Stock Style

31-2940 Oil Pump Cover w/Fitting and Gasket, Steel

OIL PUMP GASKETS

98-1164-B Oil Pump Body Gasket (8mm), Each
Type 1 67-79, Ghia 67-74, Type 2 67-71, Type 3 67-73
(Ref. P/N: 111 115 111B)

98-1166-B Oil Pump Cover Gasket (8mm), Each
Type 1 67-79, Ghia 67-74, Type 2 67-71, Type 3 67-73
(Ref. P/N: 111 115 131B)



FULL FLOW REMOTE FILTER KIT

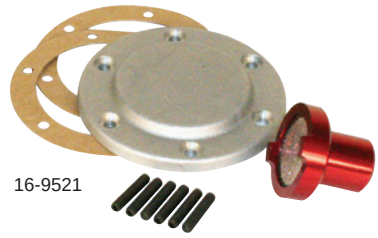
Everything you need to install a full flow remote oil filter system. Our bolt-on kit requires no machining or engine removal. Includes pump cover, remote filter bracket, oil return adapter, fittings, hose and hardware. Oil pump must be threaded and plugged to complete full flow system.

9252 Full Flow Remote Filter Kit - Bolt-On, Each

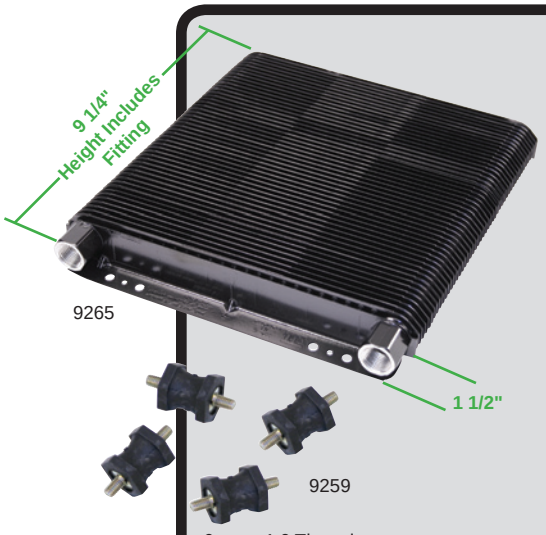
OIL SUCTION KIT

This kit provides for constant, and consistent oil pick-up. The supplied sump plate depression keeps the pick-up extension submerged in oil at all times. The built in screen helps to keep harmful particles from reaching vital engine components. This is a great addition to any performance built engine or a little extra help to insure a long engine life.

16-9521 Oil Suction Kit



WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.



EMPI COMPETITION ENGINE OIL COOLERS

The ultimate in cooling efficiency. The EMPI stacked-plate design offers maximum cooling with almost bulletproof strength. Aircraft quality aluminum, flux-less oven brazed construction. Cross-path airflow effectively cools oil as air passes through as many as 16 paths across sturdy embossed plates. Insignificant pressure drop with twice the cooling and half the size! Painted black for fast heat dissipation. These coolers are all fitted with 1/2" (NPT) female pipe thread fittings. Make sure to use 1/2" (NPT) male pipe thread fittings when mating a fitting to these coolers. **Mounting Dampers are recommended.**
P/N: 9267 is supplied with 1 pair of metal brackets.

9267	96-Plate Oil Cooler Only - 1 1/2" x 12" x 11"
9265	72-Plate Oil Cooler Only - 1 1/2" x 9 1/4" x 11"
9271	48-Plate Oil Cooler Only - 1 1/2" x 6 1/2" x 11"
9273	24-Plate Oil Cooler Only - 1 1/2" x 3 3/4" x 11"
9259	Cooler Mounting Dampers, Set of 4
9259-7	Bulk Cooler Mounting Dampers, Each

COMPETITION OIL COOLER KITS

Complete kit includes Oil cooler, Bypass Adapter, Remote Filter Bracket, High-Temperature Hose and all fittings required for installation.
Fits all Type 1 and Type 2 thru 71.

9261	96-Plate Oil Cooler Kit
9264	72-Plate Oil Cooler Kit
9270	48-Plate Oil Cooler Kit
9272	24-Plate Oil Cooler Kit

UNIVERSAL COMPETITION OIL COOLER KITS

Complete kits include Cooler, Bypass or "Sandwich" Adapter with 3/4" x 16 Nipple, Remote Filter Bracket, High Temperature Hose and all fittings required for installation on your Type 4, Rabbit/Jetta and a host of other applications. The Bypass adapter is for remote mounting of the oil filter. The Sandwich Adapter fits between stock filter mount and filter.

KITS WITH BYPASS ADAPTER

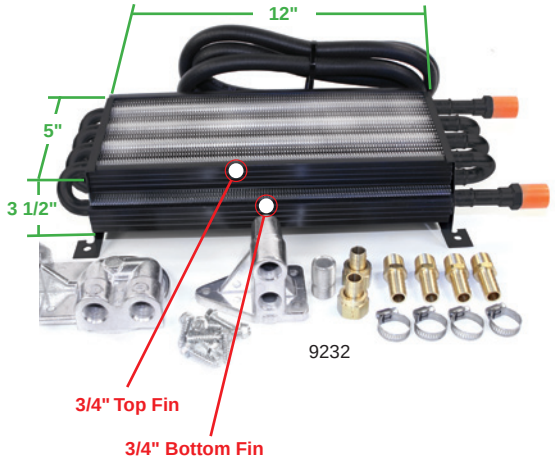
9262	96-Plate Oil Cooler Kit w/Bypass Adapter
9263	72-Plate Oil Cooler Kit w/Bypass Adapter
9294	48-Plate Oil Cooler Kit w/Bypass Adapter
9295	24-Plate Oil Cooler Kit w/Bypass Adapter

KITS WITH SANDWICH ADAPTER

9218	96-Plate Oil Cooler Kit w/Sandwich Adapter
9217	72-Plate Oil Cooler Kit w/Sandwich Adapter
9278	48-Plate Oil Cooler Kit w/Sandwich Adapter
9299	24-Plate Oil Cooler Kit w/Sandwich Adapter

EMPI HI-PERFORMANCE ENGINE OIL COOLERS

Features 1/2" copper tubing, aluminum cooling fins and mechanical expansion construction for maximum heat dissipation with the least amount of pressure drop. Available with 1/2" Male threaded ends or 1/2" Hose Barb ends. Skin packed cooler kits include oil pressure booster kit. Braided stainless steel lines can be used with the coolers that have 1/2" male threaded ends.



8-PASS OIL COOLERS & KITS

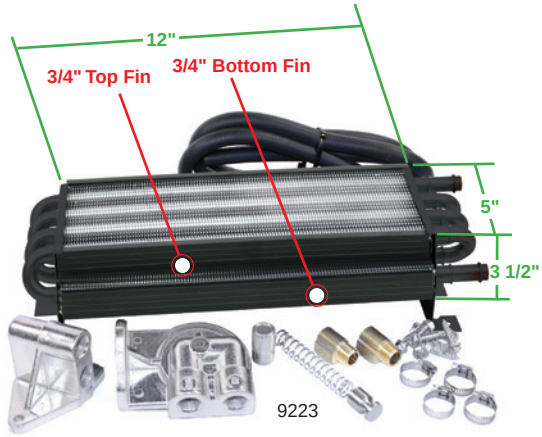
Complete kit includes Cooler, Bypass Adapter, Remote Filter Bracket, High Temperature Hose and all necessary fittings and hardware for installation on your VW. Fits all Type 1 and Type 2 thru 71 Available skin packed or boxed. Skin packed kits include oil pressure booster kit.

1/2" MALE THREADED ENDS (NEW SPLIT FIN DESIGN)

9221	Skin Packed 8-Pass Oil Cooler Kit, 1/2" Male Thread, w/Dual Booster Kit
9232	Boxed 8-Pass Cooler Kit, 1/2" Male Thread, w/o Booster Kit
9241	8-Pass Cooler Only, 1/2" Male Threaded Fitting (Requires P/N: 9288 Fitting)

1/2" HOSE BARB ENDS (NEW SPLIT FIN DESIGN)

9223	Skin Packed 8-Pass Oil Cooler Kit, 1/2" Hose Barb, w/Booster Kit
9233	Boxed 8-Pass Cooler Kit, 1/2" Hose Barb, w/o Booster Kit
9243	8-Pass Cooler Only, 1/2" Hose Barb



6-PASS OIL COOLERS & KITS

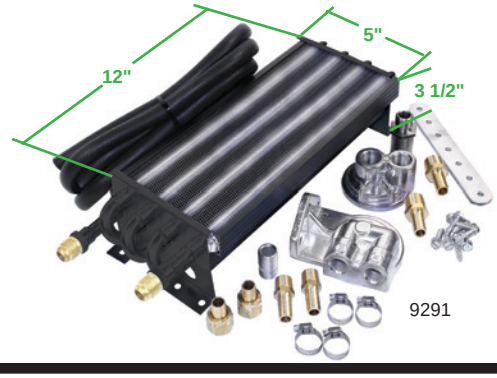
Complete kit includes 6-Pass Cooler, Bypass Adapter, Remote Filter Bracket, High Temperature Hose and all necessary fittings and hardware for installation on your VW. Fits all Type 1 and Type 2 thru 71. Available skin packed or boxed. Skin packed kits include oil pressure booster kit.

9276	Skin Packed 6-Pass Oil Cooler Kit, 1/2" Hose Barb, w/Booster Kit
9234	Boxed 6-Pass Cooler Kit, 1/2" Hose Barb, w/o Booster Kit
9277	6-Pass Oil Cooler Only, 1/2" Hose Barb

UNIVERSAL 8-PASS OIL COOLER KITS

Complete kit includes everything you need for installation on your Type 4, Porsche 914, 924, Rabbit, Jetta, Dasher, Scirocco and many others. Your choice of Bypass or Sandwich Adapter. Cooler is fitted with 1/2" Male Fittings. The sandwich adapter fits between the stock filter mount and filter.

9291	Universal 8-Pass Oil Cooler Kit, w/Bypass Adapter
9285	Universal 8-Pass Oil Cooler Kit, w/Sandwich Adapter



WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI COMPETITION OIL COOLER & FAN KITS

9292

This is really cool! EMPI's ultra rugged & efficient 72 and 96 stacked plate competition coolers just got better. They are now available with a 12V electric fan. Instructions and hardware for mounting fan to cooler are included. Use with an On/Off switch or with an electronic or inline thermostat for worry free operation. These coolers are all fitted with 1/2" (NPT) female pipe thread fittings. Make sure to use 1/2" (NPT) male pipe thread fittings when mating a fitting to these coolers. **Mounting Dampers are recommended.**

9259

6mm x 1.0 Thread

9292	72 Plate Competition Oil Cooler & Fan Kit
9293	96 Plate Competition Oil Cooler & Fan Kit
9259	Cooler Mounting Dampers, Set of 4
9259-7	Bulk Cooler Mounting Dampers, Each

9296

REPLACEMENT FAN ONLY

9" replacement fan can also be used for custom applications. Patented skewed blade design results in high efficiency with lower noise. Can be run as a pusher or puller by simply reversing the fan blade assembly (570 max CFM at 5.4 AMPS).

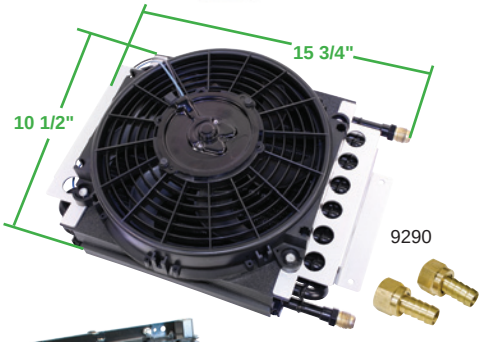
9296	Replacement Fan Only for P/N: 9292/9293

33-5721

FAN THERMOSTAT

Put your cooler fan on autopilot with this Fan Thermostat (P/N 33-5721). No worries about cooking your engine because there are no more switches to remember to turn on or off. This Inline Thermostat attaches to the inlet port of the oil cooler or it can be spliced into existing 1/2" hose, and it activates at 180° F. All fittings are 37 Degree.

33-5721	Inline Cooler Thermostat, 37° x 1/2" Hose Barb



9290

HI-PERFORMANCE FAN & COOLER KIT

A different version of our popular fan/cooler. Complete kit includes black powder coated 16-pass copper tube cooler with-8AN, 37° male fittings, 10" reversible electric fan and aluminum clear anodized mounting brackets. Two brass fittings are supplied if you want barbed ends.

9290	Electric Fan & Cooler Kit

9248

BOLT-ON OIL COOLER FAN KIT

A complete full flow oil cooler system with fan without removing the engine. All the parts required to add a full flow oil system to your engine, without machining. Leaves original oil cooler in place. Includes: 96 Plate Oil Cooler (P/N 9267), 9" Fan, hose, thermostat, pump cover, oil filter bracket, oil return adapter and hardware. Oil pump and case must be threaded and plugged to complete full flow system.
Fits Dual By-Pass Case Only.

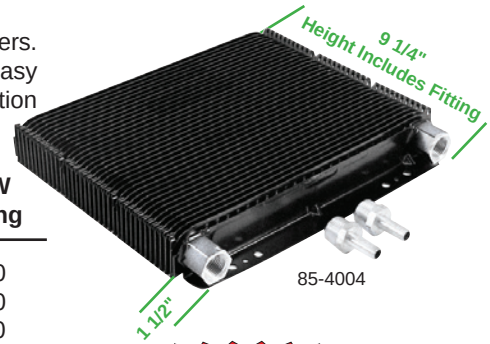
9248	Bolt-On Oil Cooler Fan Kit, Each

OIL SYSTEM COMPONENTS

EMPI UNIVERSAL TRANSMISSION FLUID COOLERS

Same efficient and rugged stack-plate design as our EMPI competition engine oil coolers. These coolers feature 1/2" Female threaded ends with 3/8" hose barb fittings for easy installation. Kits come skin packed and include hose, 3/8" hose barb fittings, installation hardware and detailed instructions.

Cooler Only w/Fittings	Complete Kit	Size H x W x T	No. of Plates	Heat Rejection BTU/HR	GVW Rating
85-4002	**85-4102**	3 3/4 x 11 x 1 1/2	24	7,500	10,800
85-4003	**85-4103**	6 1/2 x 11 x 1 1/2	48	15,000	19,000
85-4004	**85-4104**	9 1/4 x 11 x 1 1/2	72	21,800	24,000
85-4005	**85-4105**	12 x 11 x 1 1/2	96	25,000	28,000



85-4004

Great for tow vehicles, RV's, etc...!

EMPI Transmission Coolers will fit any vehicle fitted with an Automatic Transmission where space permits. From your car's I.D. tag, find the gross vehicle weight (G.V.W.) and compare it to the G.V.W. column in the chart above. "Bigger is Better" is the rule of thumb as you can never over-cool a transmission. When in doubt, go to the next larger size. If you plan to tow a trailer or heavy load, install the largest cooler.

85-4103

UNIVERSAL OIL FILTER & SANDWICH ADAPTERS

Can be used on a number of makes and models, including Type 4 and VW water-cooled models. Fitted with 3/4" x 16 Nipple and tapped for 3/8 NPT fittings.

9229 Universal Adapter w/Nipple, For Remote Filter (New Design)
9247 Universal Sandwich Adapter w/Special Male/Female Nipple

9229

9247

BILLET OIL FILTER ADAPTER

Our Billet Oil Filter Adapter (spinner) comes with all necessary mounting hardware including 3/4" x 16 Nipple. Tapped 3/8" NPT. Easily accepts all PH8A style standard oil filters.

16-9513 Billet Oil Filter Adapter Kit

16-9513

MINI OIL SUMP KIT

Help prevent harmful oil starvation by installing this "mini" sump to increase oil capacity. Kit comes with 3 different size pick-up tubes, studs, nuts, washers, and gaskets. Your existing drain plug can be re-used or use our P/N 8856 magnetic drain plug.

16-9520 Mini Oil Sump Kit

16-9520

MINI SUMP W/FILTER

Cast aluminum Mini Sump replaces your stock oil screen and cover and offers improved filtration, helps prevent oil starvation during hard cornering. Easy bolt-on installation. Filter design allows for unimpeded oil flow – even if the filter gets plugged. Filter can be cleaned and reused.

17-2872 Mini Sump w/Filter Kit, Each
17-2874 Replacement Filter for P/N 17-2871/17-2872, Each

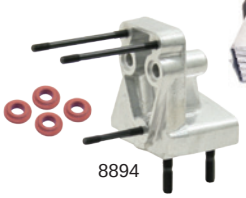
17-2872

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

OIL SYSTEM COMPONENTS

111 117 021E

17-2806


8894

113 117 021

STOCK REPLACEMENT OIL COOLER

Keep your cool by replacing that old, dirty, leaky Doghouse oil cooler with a brand new unit from EMPI. If you are converting from the early style cooler, you will need the adapter.

111 117 021E	**98-1178-B**	Oil Cooler, Type 1 50-70, Ghia 56-70, Type 2 50-70 Will not fit 17-2873. Aluminum Construction
021 117 021B	**17-2806**	Oil Cooler, Type 2/4, 1700-2000cc / 914, 7 Plate (Aluminum)
113 117 021	**98-1161-B**	Oil Cooler for 1300-1600cc w/Doghouse Shroud, 5 Plate (Aluminum)
8894		Doghouse Oil Cooler Kit to Case Adapter, for P/N 98-1161-B only (Ref. P/N: 113 117 303)

17-2873

DUAL BYPASS ADAPTER

This adapter allows you to run both your stock oil cooler PLUS an external cooler and/or remote filter. Fits Type 1 w/minimal trimming to sheet metal. Will not fit with 'Dog House' cooler. Must use stock OEM VW Early Oil Cooler.

17-2873	Dual Bypass Adapter, Kit

9255

9256

111 117 151

OIL COOLER & BYPASS SEALS

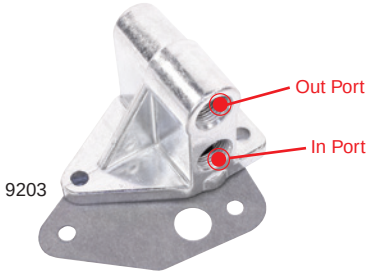
High quality replacement seals for use with stock oil cooler or with bypass adapter.

9255	Oil Cooler Seals, 8/10mm, Pack of 4
9255-B	Bulk Oil Cooler Seals, 8/10mm, Pack of 100 (Ref. P/N: 111 117 151B)
98-1179-B	Seal, Oil Cooler (For Cooler w/8mm Ports), Each, Type 1 50-70, Ghia 56-70, Type 2 50-70, Each (Ref. P/N: 111 117 151)
9256	Oil Cooler Seals, 10mm Late, Pack of 4
9256-B	Bulk Oil Cooler Seals, 10mm Late, Pack of 100 (Ref. P/N: 021 117 151A)

021 117 151AS

SILICONE OIL COOLER SEAL

98-9205-B	NEW!	Silicone Oil Cooler Seal, Type 1, 71-79, Each (Elring) (Ref. P/N: 021 117 151AS)



9203

OIL COOLER BYPASS

Replaces stock oil cooler allowing for use of external oil cooler. Eliminates air flow blockage to #3 and #4 cylinders. Includes mounting hardware and gasket. Tapped with 3/8" NPT.

(Note: For reference; top is out and the bottom is in).

9203	Oil Cooler Bypass w/Gasket & Hardware
9266	Replacement Gaskets, Pair

17-2946

BILLET ALUMINUM OIL COOLER BLOCK-OFF

Show quality Polished Billet Aluminum oil cooler block-off. Comes with Allen Head Cap Screws for a clean installation along with gasket and hardware.

17-2946	Billet Aluminum Oil Cooler Block-Off

9146

OIL COOLER BLOCK-OFF

Blocks off oil passages for applications where "full-flow" oil system is used or when normal oil cooler is no longer needed. Tapped 1/4" NPT boss for oil pressure sender. Includes mounting hardware and gasket.

9146	Oil Cooler Block-Off w/Gasket, Plug & Hardware
9266	Replacement Gaskets, Pair

OIL SYSTEM COMPONENTS

OIL FILTER ADAPTERS

Mounts a standard Spin-On Oil Filter in the location of your choice. Adapters have 3/8" NPT female threads and supplied with 3/4 x 16 Nipple. Use P/N: 9240, 9250, 17-2920, 17-2921, or 17-2922 Spin-On Filters.

9244	Oil Filter Adapter w/Nipple, Ports Left
9245	Oil Filter Adapter w/Nipple, Ports Right
9204	Oil Filter Adapter w/Nipple, Ports Up
9253	Replacement Threaded Nipple

REMOTE OIL FILTER MOUNTS

EMPI's Bolt-On Full Flow Oil Filter Mounts make filter mounting easy. Inward and outward polished aluminum exhaust flange mounts accommodate most off-road and drag race applications. While P/N: 16-8242 covers street sedan applications by cleanly tucking the filter up under the rear fender on a black powder coated steel mount that attaches with the bumper bracket bolts (Hardware included).

16-8240	Billet Inward Facing Exhaust Flange Oil Filter Mount
16-8241	Billet Outward Facing Exhaust Flange Oil Filter Mount
16-8242	Under Fender Oil Filter Mount, Type 1, thru 73

BILLET FULL FLOW HOSE BRACKETS

Keep oil lines in check while maintaining that Billet Look. Bolts on at exhaust flange and helps protect oil lines from engine and exhaust. Fits up to 3/4" O.D. Hose.

17-2809	Billet F/F Oil Line Bracket – Black, Each
17-2810	Billet F/F Oil Line Bracket – Polished, Each

OIL THERMOSTAT

Mounts in-line and bypasses oil cooler until oil warms up to approximately 175 degrees. Always partially open to avoid over pressurizing. A must in performance and cold-weather applications. Kit comes complete with fittings and clamps.

33-5000	Oil Thermostat Only w/ 3/8" NPT
33-5010	Oil Thermostat w/Fittings & Clamps

THERMOSTAT BRACKET

98-8743 NEW! Thermostat Bracket, 1200-1600cc, Silver Zinc, Each
Fits stock OEM thermostat, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Thing 73-74
(Bulk P/N: 043 119 151)

EMPI HIGH PRESSURE OIL FILTER

If you are running higher pressure oil pumps, or have problems with mushrooming and exploding filters, you need a High Pressure Oil Filter. Manufactured with a heavy-duty steel walled canister and double bypass valves to control extreme pressures without expanding or splitting. The 3/4"-16 threads fit most remote oil filter mounts and adapters. Fits P/N: 9204, 9244, 9245 and 16-9513 oil filter adapters. Available in chrome.

9250	High Pressure Oil Filter, Skinpacked
9240	Chrome High Pressure Oil Filter, Skinpacked

FRAM OIL FILTERS

For those who insist on the best- FRAM filters with Advanced Engine Protection uses cellulose and synthetic glass fiber blended media to provide 3X MORE engine protection than the average of leading economy oil filters with 95% Dirt Trapping Efficiency. Fits P/N: 9204, 9244, 9245 and 16-9513 oil filter adapters.

17-2920	PH8A FRAM Filter
17-2921	HP1 FRAM Filter
17-2922	HP3 FRAM Filter

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

OIL SYSTEM COMPONENTS

9225

9215

9205

9237

9246

17-2876

9227

9288

9211

16-9517

OIL RETURN ADAPTER KIT

Designed to add a full flow oil system without machining the crankcase. Screws into the rear oil by-pass galley (spring & plunger must be removed) and provides the return route for oil from a full flow pump cover. Installs without engine removal. It has an 8AN, 37° male fitting. This can be converted to a 1/2" barb with EMPI P/N: 9288 Fitting. Fits Dual By-Pass Case Only.

16-9517 Oil Return Adapter Kit, Each

9201

9202

OIL PRESSURE BOOSTER KIT

Specially designed larger piston and stronger spring increase oil pressure throughout the system. A must when installing an oil cooler or remote filter.

9201 Single Oil Booster Kit, thru 69
9202 Dual Oil Booster Kit, From 70

9198

ADJUSTABLE OIL PRESSURE REGULATOR

Allows you to adjust the oil pressure with the twist of a wrench. Use with stock pressure regulator spring.

9198 Adjustable Oil Pressure Regulator Kit, Each

98-9190

OIL PRESSURE SWITCH

This is one of the least expensive - most important parts of your engine. Don't "hope" your old switch is working - be sure with a new switch.

98-9190 Oil Pressure Switch, for Stock Indicator Light
(Bulk P/N: 021 919 081B)

9231

THREAD SEALING TAPE

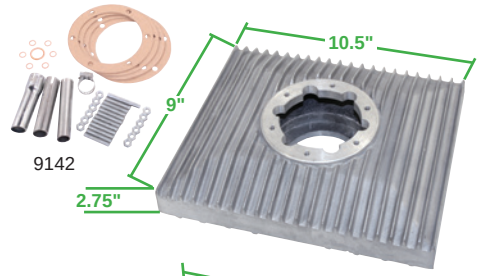
A must to seal all threaded fittings and joints. Use on oil and fuel line fittings.

9231 PTFE Thread Sealing Tape, Roll

OIL SYSTEM COMPONENTS

HIGH CAPACITY OIL SUMP

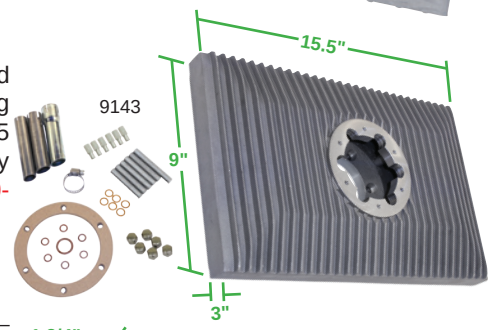
Increase oil supply and prevent oil starvation by adding 1 1/2 quarts of oil capacity with EMPI's High Capacity Oil Sump. The cast finned design also increases cooling. Includes all necessary hardware and 3 sizes of pick-up tubes for all 1200-1600cc engine types. All 3 variations of oil screens fit this sump.



9142	1.5 Qt High Capacity Oil Sump

EMPI SUPER CAPACITY OIL SUMP

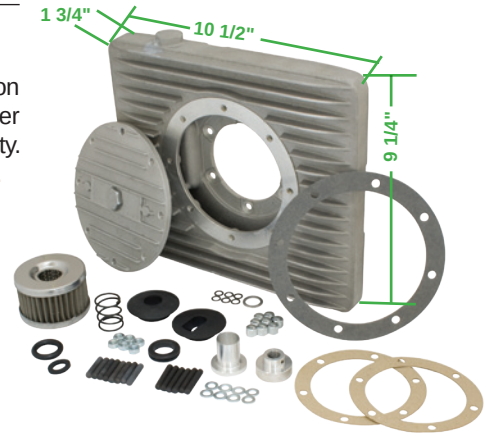
Oil takes a lot of abuse in an air-cooled engine. It has to provide both lubrication and cooling functions, therefore any type of performance upgrades or demanding driving requires additional oil capacity. EMPI's thin line sump increases oil capacity by 3.5 quarts without the loss of ground clearance associated with other super capacity sumps. Includes all necessary hardware and 3 sizes of pick-up tubes for all 1200-1600cc engine types. All 3 variations of oil screens fit this sump.



9143	3.5 Qt. Thin Line Super Capacity Oil Sump

OIL SUMP W/FILTER (Narrow)

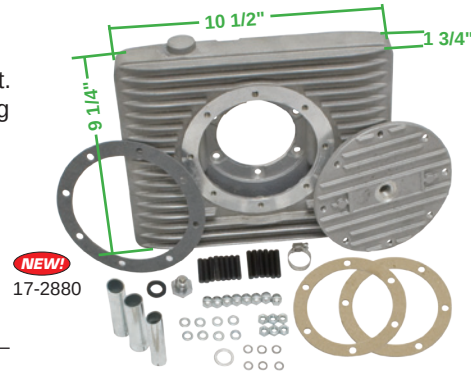
Cast aluminum oil sump is only 1 ¾" deep. Adds oil capacity and offers improved filtration and easy bolt-on installation. Filter design allows for unimpeded oil flow even if the filter gets plugged. Stainless Steel Micron Filter can be cleaned and reused. 1 Qt. Capacity. Now tapped and supplied with magnetic drain plug. Includes all necessary hardware.



17-2871	Narrow Sump w/Filter Kit, Each
17-2874	Replacement Filter for P/N 17-2871/17-2872, Each
17-2877	Replacement Drain Plate Gasket Only (Bulk)

NARROW OIL SUMP KIT

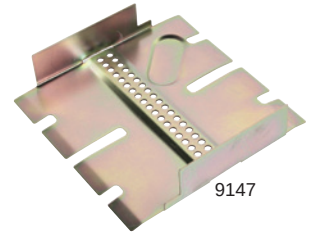
Increase oil supply and prevent oil starvation by increasing the oil capacity by 1 quart. Tapped and supplied with magnetic drain plug. Includes all necessary hardware. Cutting of one of the three pick-up tubes is required.



17-2880	NEW!	Narrow Oil Sump Kit

SLIP IN WINDAGE TRAY

This easy to install Windage Tray prevents oil from foaming in the case that robs horsepower. (For total oil control, use with our Stainless Steel Windage Push Rod Tubes P/N: 8531 on page 56).



9147	Slip-In Windage Tray

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

OIL SYSTEM COMPONENTS

HIGH TEMP / HIGH PRESSURE OIL HOSE

High Temperature / High Pressure Oil Hose for use with oil coolers and/or remote oil filter. This hose is made to work between -40° to 312° F with a working pressure of 300 PSI and a burst pressure of 1200 PSI. 3/8" and 1/2" ID available in different lengths.

3/8" I.D. (#6) HI-TEMP/PRESSURE OIL HOSE		1/2" I.D. (#8) HI-TEMP/PRESSURE OIL HOSE	
9209	5' length - Skinpacked	**9210**	5' Length - Skinpacked
9279	25' Length - Boxed	**9282**	25' Length - Boxed
9280	50' Length - Boxed	**9283**	50' Length - Boxed
		9284	100' Length - Boxed

BRAIDED STAINLESS LINE

Good looks and reliability. Give your VW that 200 MPH look with Braided Stainless line. 3/8" and 1/2" for Oil and breather lines. Sold in 3 different lengths. Not to be used on engines with high oil pressure or high performance engines.

3/8" I.D. (#6) BRAIDED STAINLESS LINE		1/2" I.D. (#8) BRAIDED STAINLESS LINE	
8815	5' Length - Skinpacked	**8820**	5' Length - Skinpacked
8816	10' Length - Skinpacked	**8821**	10' Length - Skinpacked
8817	25' Length - Boxed	**8822**	25' Length - Boxed

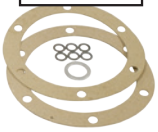
8856

CHROME MAGNETIC DRAIN PLUG

Helps keep your oil free from metal bits and shavings. Includes sealing washer.

8856 Chrome Magnetic Drain Plug
(Bulk P/N: 113 115 193)

16-8964



Gasket kit included

18-1085 NEW!

18-1086 NEW!

BILLET OIL SUMP PLATE KIT

This Billet Aluminum Oil Sump Plate will never bend or distort due to over-tightening, thus causing dangerous leaks like stock plates, and it also adds a custom look to any engine. CNC machined from high-grade aluminum billet. Available in Polished Aluminum, Black, Blue or Red Anodized. Includes chrome magnetic drain plug, special cap nuts and a gasket kit for trouble free installation.

16-8964 Polished Oil Sump Plate Kit
18-1085 NEW! Black Oil Sump Plate Kit
18-1086 NEW! Blue Oil Sump Plate Kit
18-1087 NEW! Red Oil Sump Plate Kit

18-1087 NEW!

8911

98-1168 NEW!

SUMP PLATE

High Quality Chrome or Black Oil Sump Plate. Available with or without drain plug.

8964 Chrome Sump Plate w/Chrome Drain Plug
8911 Chrome Sump Plate Only
(Bulk P/N: 113 115 181ACR)
98-1168 NEW! Black Sump Plate Only
(Bulk P/N: 113 115 181A)

OIL SYSTEM COMPONENTS

ACORN CAP NUT

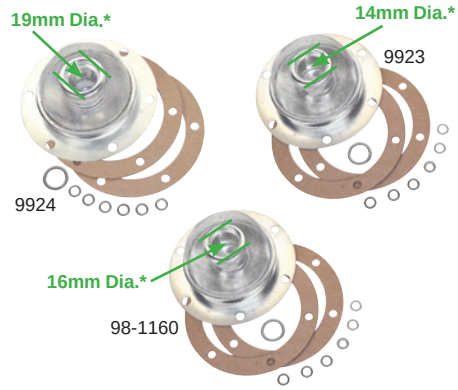
These zinc plated acorn cap nuts are used on Oil Drain / Sump Plates, Oil Sumps etc. They are sold in bulk each. You need 6 pieces to do one sump plate.

99-2404 NEW! Acorn Cap Nut, Zinc Plated, 6mm x 1.0, Each
(Ref. P/N: N110624)

OIL SCREEN KIT

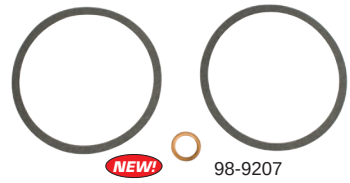
Extend the life of your engine by replacing this screen with each and every oil change. Complete with gaskets and sealing washers. (Order Bulk P/N for Oil Screen Only).
***Measurement is at the base of the collar where it joins the oil pick-up tube.**

9923 Oil Screen Kit, 1200cc (40HP), 61-65
(Bulk P/N: 113 115 175) Screen Only
9924 Oil Screen Kit, 1600cc, 70-79 Dual Relief Case
(Bulk P/N: 111 115 175B) Screen Only
98-1160 Oil Screen Kit, 1300-1600cc, 62-69 Single Relief Case
(Bulk P/N: 311 115 175A) Screen Only



OIL STRAINER GASKET SET

98-9207 NEW! Oil Strainer Gasket Set, Type 2, 1700-2000cc
(Bulk P/N: 021 198 031)



OIL CHANGE GASKET KIT

Two (2) complete Oil Change Kits. Includes gaskets and sealing washers.

9909 Oil Change Gasket Kit, 2 Kits
(Bulk P/N: 113 198 031) Each

CHROME OIL CAP

Stock Style oil cap in high quality chrome.

8968 Chrome Stock Style Oil Filler Cap
(Bulk P/N: 111 115 485)

STOCK RUBBER OIL CAP GASKET

Replace that old worn out gasket and have a new sealed oil cap.

8968-5 NEW! Gasket for Stock Oil Cap, Rubber, Each
(Ref. P/N: 111 115 487)

OIL RELIEF VALVE WASHER

98-8738-B NEW! Washer, Oil Relief Valve, Aluminum, Each
(Ref. P/N: N0138174)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

17-2941

EMPI OIL FILLER & BREATHER BOX

The EMPI dual-purpose Oil Filler & Breather Box includes a system of internal baffles that separate the oil from the air then returns the oil back to the engine. It mounts upright on the alternator stand making for easy oil filling and was designed to look like part of the engine. The Billet Aluminum filler cap seals with an O'ring. Aluminum construction offers great looks and leak-free operation featuring an O'ring seal and Button-head Allen top screws. Vent your valve covers, crankcase, air cleaners…whatever your requirements. Comes with attaching nut, O'rings, gasket and instructions. There are 4 threaded ports and all are 1/4" NPT.

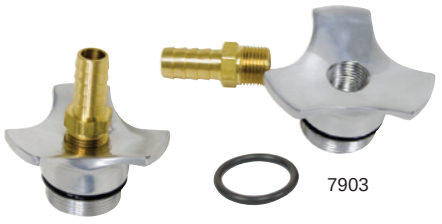
17-2941 Oil Filler & Breather Box Kit

17-2943

BILLET OIL FILLER CAP

Polished Billet Aluminum Cap with knurled edge for easy grip offers a great finishing touch to any breather tube. Fits P/N 17-2941 breather, 9194 and 8991 alternator stands.

17-2943 Billet Oil Filler Cap


7903

ALUMINUM KNOCK-OFF OIL CAP WITH VENT

Highly Polished Aluminum Knock-Off style oil cap is easy to use and looks great on your engine. Features a threaded port on top for vent fitting which is supplied. Includes O'ring and 3/8" NPT fitting. This cap will also fit 17-2941 breather, 9194 and 8991 alternator stands.

7903 Billet Aluminum Knock-Off Oil Cap w/Vent, Set

8899

Gasket included

18-1079 NEW!

18-1077 NEW!

NEW!
18-1078

BILLET OIL CAPS

The caps only for our oil fillers can also be purchased separately. Choose from either the smooth flow look with knurled edge, easy grip grooved style, or the latest version with etched "OIL" top. All three caps fit all EMPI threaded filler tubes as well as most other threaded aluminum oil fillers. Each cap is supplied with the gasket.

8899 Billet Polished Aluminum Oil Filler Cap w/Grooves
18-1077 NEW! Billet Black Oil Filler Cap w/Grooves
18-1078 NEW! Billet Blue Oil Filler Cap w/Grooves
18-1079 NEW! Billet Red Oil Filler Cap w/Grooves
7905 Billet Smooth Oil Filler Cap
16-9512 Billet "OIL" Filler Cap

7905

16-9512

SMOOTH-FLOW OIL FILLER W/SMOOTH CAP

A new design for an old item. This oil filler has a nice smooth look along with a low profile smooth cap design. Knurled cross-groove design on cap allows for good grip even when it's wet or oily. The filler body and cap are made from 6061 T-6 and fully polished to a show car shine! Supplied with gasket, o-ring, and 1/4" NPT - 1/2" barbed hose fitting so breather line hookup is easy.

7904 Billet Oil Filler w/Smooth Cap & w/Vent

VERTICAL OIL FILLER W/GROOVED CAP

Tired of oil spilling all over when you try to add it to your motor? This new design makes it much easier to pour the oil into your motor. Made from fully polished 6061 T-6 billet aluminum it's just the thing to finish off a good looking engine compartment. Supplied with gasket, o-ring and 1/4" NPT - 1/2" barbed hose fitting so breather line hookup is easy.

7912 Billet Oil Filler, Vertical Filler, w/Groove Cap & w/Vent

VERTICAL OIL FILLER W/SMOOTH CAP

Tired of oil spilling all over when you try to add it to your motor? This new design makes it much easier to pour the oil into your motor. Made from fully polished 6061 T-6 billet aluminum it's just the thing to finish off a good looking engine compartment. Supplied with gasket, o-ring and 1/4" NPT - 1/2" barbed hose fitting so breather line hookup is easy.

7914 Billet Oil Filler, Vertical Filler, w/Smooth Cap & w/Vent

SMOOTH-FLOW OIL FILLER W/ GROOVED CAP

This is the same smooth-flow oil filler as noted above but with our billet grooved cap P/N: 8899. Both cap and body are fully polished just like on P/N: 7904. Now available in polished aluminum, Anodized Red, Blue or Black finish. Supplied with 1/4" NPT - 1/2" barbed hose fitting so breather line hookup is easy. Also supplied with gasket and o-ring.

7902 Polished Aluminum Oil Filler w/ Cap

18-1097 NEW! Black Oil Filler w/Cap

18-1098 NEW! Blue Oil Filler w/Cap

18-1099 NEW! Red Oil Filler w/Cap

Gasket and 0-ring included

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

VENTED OIL FILLER TUBE W/SCREW-ON CAP

Replaces stock type oil filler assembly with polished aluminum filler with high impact plastic cap. Supplied with gasket, o-ring and v1/4" NPT - 1/2" barbed hose fitting so breather line hookup is easy.

8904	Vented Oil Filler Tube - Polished w/Plastic Cap
8904-7	Replacement Black Plastic Screw-On Cap
8901-5	Replacement Vent Fitting

OIL FILLER SEALING WASHER

98-1173-B Sealing Washer, Oil Filler to Gen / Alt Pedestal, Each
Type 1 61-74, Ghia 61-74, Type 2 61-71, Type 3 64-73
(Ref. P/N: 113 115 475)

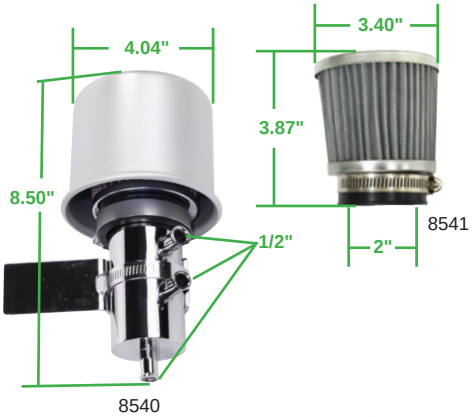
OIL FILLER NUT

98-1176 NEW! OIl FIller Nut, Each
Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73
(Bulk P/N: 113 115 495)

ROAD DRAFT BOOT

This rubber boot fits on the end of the oil filler tube. Fits Type 1 1961-1972, Ghia 1961-1972 and Type 2 1961-1971.

98-1177 NEW! Road Draft Boot, Each
(Bulk P/N: 311 115 541)



OFF-ROAD BREATHER

Designed for maximum breathing filtration. The chrome steel tower design returns the blow-by oil to the engine while the high capacity gauze filter with spun aluminum top cover keeps dirt out during deceleration.

8540	Off-Road Breather Kit
8541	Replacement Gauze Filter, Each

CHROME OIL FILLER & CAP

Replace stock oil filler and cap with these chrome parts.

8965	Chrome Oil Filler w/Tube & Cap, Set
8966	Chrome Oil Filler w/Tube
8968	Chrome Stock Style Oil Filler Cap
8963	Chrome Oil Filler w/o Tube
98-1175-B	Seal, Oil Filler Tube, Type 1 50-74, Ghia 56-74, Type 2 50-71, Ea

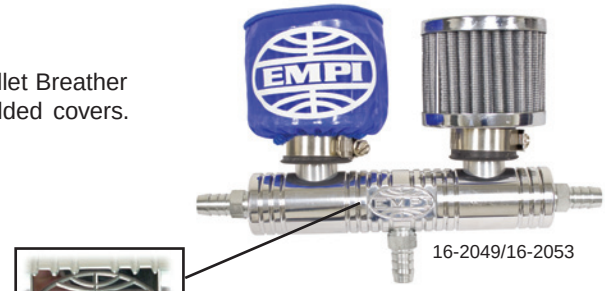
(Ref. P/N: 111 115 491)

OIL SYSTEM COMPONENTS

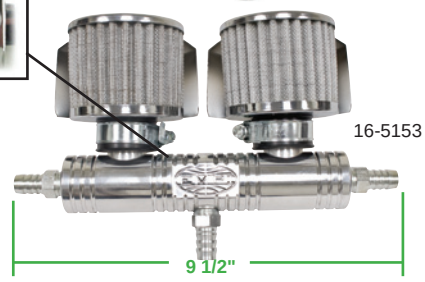
EMPI BILLET BREATHER

Function and form. Finish off your sand rail with these Polished Billet Breather Tubes. Available with colored EMPI covers or with chrome shielded covers. Fittings are for 1/2" I.D. Hose.

16-2049 Billet Breather Tube w/Blue Filter Covers
16-2053 NEW! Billet Breather Tube w/Black Filter Covers
16-5153 Billet Breather Tube w/Shielded Filter Covers



16-2049/16-2053



16-5153

16-5151 Replacement Filter w/Shielded Cover for P/N: 16-5153, (1" Centered Hole),Each
16-5152 Replacement Filter for P/N: 16-2049 & 16-2050 (1" Centered Hole), Each

CRANK CASE BREATHER FILTER

Gauze element breather with Chrome Top fits breather tube vent or other universal applications. 1/2" I.D. with offset or center hole location. Offset hole location is very close to the edge.

9053 Gauze Oil Filler Breather (Offset Hole)
9051 NEW! Gauze Oil Filler Breather (Center Hole)

9052 Gauze Breather Filter, Shielded (1/2" centered hole)

9053
9051 NEW!

9052

CAST ALUMINUM OIL BREATHER KIT

Reduce crankcase pressure, eliminate blow-by and oil loss. High revving modified engines require more crankcase ventilation than the stock breather can supply. With the EMPI Aluminum Oil Breather Kit the blow-by oil is collected in the foam filter and the air vapors are vented to the atmosphere. New features include the EMPI logo cast in the top, improved heavy duty breather hose 1/2" I.D., plus internal changes that includes a screen mesh shelf to elevate the foam filter element.

8544 Complete Engine Oil Breather Kit
9242 Replacement Hose, 1/2" I.D., Black (8 Feet)

8544

VALVE COVER VENTS

Decrease crankcase pressure, eliminate blow-by and reduce oil loss with these easy to install Valve Cover Vents. Features our Sure O-Ring seal system. Vent into air cleaner or a breather box. Fittings are for 1/2" I.D. Hose.

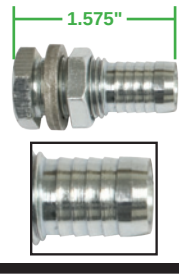
9164 Valve Cover Vents, Pair

9164

DELUXE VALVE COVER VENTS

These deluxe vents feature a barbed end for the 1/2" I.D. Hose. Decrease crankcase pressure, eliminate blow-by and reduce oil loss with these easy to install Valve Cover Vents. Features our Sure Seal system. Vent into air cleaner or a breather box.

9165 NEW! Deluxe Valve Cover Vents, Pair



NEW! 9165

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

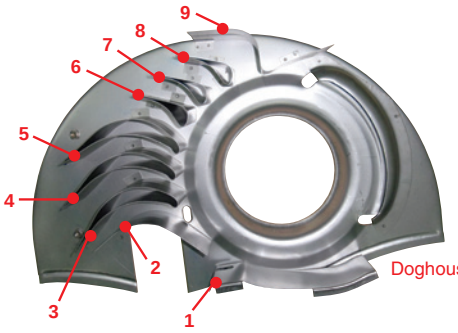
36HP STYLE FAN SHROUDS

Chrome or Black, these 36HP Style Shrouds feature excellent, tight fit and finish along with correctly engineered internal baffles.

- Doghouse models feature 9 internal Air Directional Baffles/Veins and use late model 'Doghouse' cooler, larger late model fan and special tin. All Doghouse models have the hole for the throttle tube.
- Standard models feature 7 internal Air Directional Baffles/Veins. These do not have a hole for the throttle tube, it must be drilled.

8882	36HP Shroud, Chrome w/o Ducts
8670	36HP Shroud, Black w/o Ducts
8892	36HP Shroud, Chrome w/Ducts
8671	36HP Shroud, Black w/Ducts (7-Vein Design)

8887	36HP Doghouse Shroud, Chrome w/o Ducts (Boxed)
8672	36HP Doghouse Shroud, Black w/o Ducts (Boxed)
8890	36HP Doghouse Shroud, Chrome w/Ducts (Boxed)
8673	36HP Doghouse Shroud, Black w/Ducts (Boxed) (9-Vein Design)



Doghouse Internal Design

RAM-AIR STEEL FAN SHROUDS

Brilliant chrome, without air ducts. This unbaffled fan shroud features a cut-out for an Oil Cooler By-Pass Adapter and a rear fan lip to mount an Air Intake Screen. For use with external oil cooler. These do not have a hole for the throttle tube. Customer must drill it.

8857	Ram-Air Shroud, Chrome w/o Ducts

CHROME AIR INTAKE SCREEN

Prevents debris from being ingested into the fan. A must for all off-road applications or when engine compartment is subject to external debris. Does not affect intake air volume. The screen is made of heavy duty metal and chrome plated. Fits all up-right fan shrouds with rear fan lip including P/N: 8857 Ram-Air Fan Shrouds.

9195	Air Intake Screen, Chrome

9151

FAN SHROUD PLUGS

Zinc plated caps plug the fresh air outlet tubes on your fan shroud, when not in use, to prevent the loss of cooling air to the cylinders. Available in two sizes for the proper fit in both O.E. and EMPI fan shrouds. Complete with mounting screws.

9151	48mm Fan Shroud Plugs for O.E. Shrouds
9161	45mm Fan Shroud Plugs for EMPI Shrouds

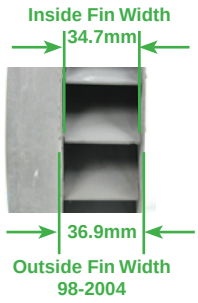
COOLING FANS

The cooling fan is one of the most important and overlooked components of the air cooled engine. Bent or cracked fins, worn hub or out of round fans can cause severe damage to your engine. The late style factory fan is wider than the early version and is compatible with any EMPI fan housing and stock Type 1 & 2 Doghouse fan shrouds and Ram-Air Fan Shrouds. P/N: 98-2004 fits all EMPI 36HP style fan shrouds along with 71 & later stock Doghouse fan shrouds. Our P/N 98-2006 fans are welded with 56 welds, 28 each side, alternating pattern, then statically balanced for higher RPM engines.

98-2006 Race Fan (Welded), w/o Hardware
34.7mm Inner Fan Width / 36.9mm Outer Fan Width
(Bulk P/N: 98-2006-B)

98-2004 Late Fan, 71-79, w/o Hardware
34.7mm Inner Fan Width / 36.9mm Outer Fan Width
(Bulk P/N: 7X0 119 031)

98-2003 NEW! Early Fan, 61-70, 30.7mm
28.6mm Inner Fan Width / 30.7mm Outer Fan Width
(Bulk P/N: 131 119 031)



8898 Fan Hardware Kit (Zinc Plated)
(Ref. P/N: 111 198 123A)

ALTERNATOR / GENERATOR STAND

Available in Chrome and Stock Style. Complete the look with our accessory oil filler tubes.

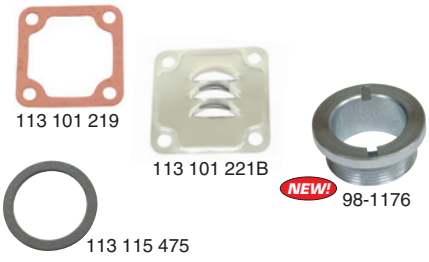
8991 Alt/Gen Stand, Chrome
9194 Alt/Gen Stand, Raw Aluminum
(Bulk P/N: 113 101 211G) Stand Only

98-0141-B Gasket, Generator Stand
Type 1 60-79, Ghia 60-74, Type 2 61-71, Type 3 64-73, Each
(Ref. P/N: 113 101 219)

98-0142-B Deflector Plate, Gasket Generator Support,
Type 1 60-79, Ghia 60-74, Type 2 63-71, Type 3 64-73, Each
(Ref. P/N: 113 101 221B)

98-1176 NEW! Nut, Oil Filler, Type 1 61-79, Ghia 61-74,
Type 2 61-71, Type 3 64-73, Each
(Bulk P/N: 113 115 495)

98-1173-B Sealing Washer, Oil Filler to Gen / Alt Pedestal, Each
Type 1 61-74, Ghia 61-74, Type 2 61-71, Type 3 64-73
(Ref. P/N: 113 115 475)

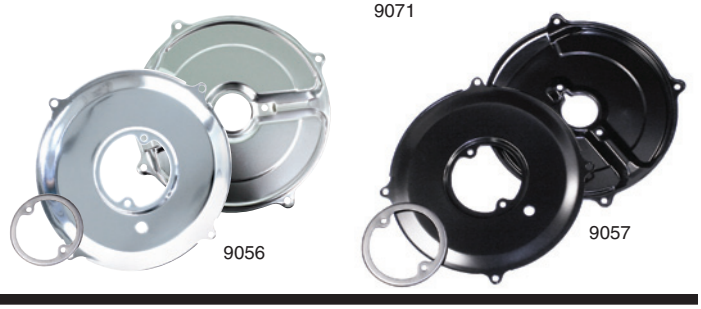


ALTERNATOR / GENERATOR BACKING PLATE KITS

Made from heavy steel our 3-piece stock style kits are available in chrome or black finish.

9056 Chrome Steel Stock Style 3-Piece Kit
9057 Black Steel Stock-Style 3-Piece Tin Kit

9071 Steel Backing Plate Only, Chrome
8979 Steel Backing Plate Only, Black



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CYLINDER SHROUDS

Stamped steel Cylinder Shrouds are finished in Chrome or Gloss Black. Bulk Shrouds are 5 pairs per pack, priced per pair. EMPI cylinder shrouds are formed like O.E. to fit without the gaps at the ends of the fan shroud associated with other aftermarket cylinder shrouds. Now also available for dual port cylinder shrouds in an "off-road" version already trimmed down for sand car or baja use.

DUAL PORT CYLINDER SHROUDS

9063 Dual Port Shrouds, Chrome, Pair
9063-9 Bulk Dual Port Shrouds, Chrome
(Must buy multiples of 5 pairs)

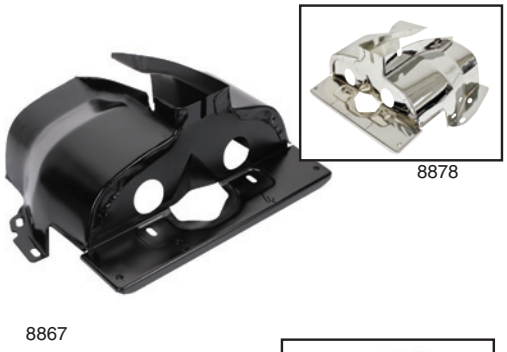
8990 Dual Port Shrouds, Black, Pair
8990-9 Bulk Dual Port Shrouds, Black
(Must buy multiples of 5 pairs)

(Ref. P/N: 113 119 303J/4H)

OFF-ROAD DUAL PORT CYLINDER SHROUDS

16-9502 Off-Road Dual Port Shrouds, Chrome, Pair
16-9502-9 Bulk Off-Road Dual Port Shrouds, Chrome
(Must buy multiples of 5 pairs)

16-9501 Off-Road Dual Port Shrouds, Black, Pair
16-9501-9 Bulk Off-Road Dual Port Shrouds, Black
(Must buy multiples of 5 pairs)



SINGLE PORT CYLINDER SHROUDS

8878 Single Port Shrouds, Chrome, Pair
8878-9 Bulk Single Port Shrouds, Chrome
(Must buy multiples of 5 pairs)

8867 Single Port Shrouds, Black, Pair
8867-9 Bulk Single Port Shrouds, Black
(Must buy multiples of 5 pairs)

(Ref. P/N: 113 119 303B/4G)

DOGHOUSE ENGINE TIN

2 piece tin set attaches to the back of a doghouse type shroud to direct the hot air coming off the cooler out of the engine compartment. Complete with seals.

8896 Doghouse Tin, Chrome, 2 pcs.
8884 Doghouse Tin, Black, 2 pcs.

CYLINDER COOL TIN

A must for any performance application. Available in Chrome or Black. Fits most big bore kits. These tins are for 8mm studs.

8933 Cool Tin, Chrome, Pair
8877 Cool Tin, Black, Pair
(Bulk P/N: 113 119 451D) Each

ENGINE TIN

Correct fitting engine tin is necessary to maintain proper engine operating temperatures. Available in chrome or black.

FRONT ENGINE TIN

Fits between engine and transmission. Available in chrome or black. (All Front Engine Tin Sold in Bulk Only).

8930 Front Tin, Chrome, Late Doghouse Style
8952 Front Tin, Black, Late Doghouse Style
(Ref. P/N: 113 119 517S)

8945 Front Tin, Chrome, Early
8951 Front Tin, Black, Early
(Ref. P/N: 113 119 517R)

REAR ENGINE TIN

Seals off exhaust heat from engine compartment. Available in chrome or black with or without Fresh Air Hose and/or Heat Riser holes. (All Rear Engine Tin Sold in Bulk Only).

8938 Rear Tin, Stock Style, Black
(Ref. P/N: 043 119 527)
8940 Rear Tin, Stock Style, Chrome

8936 Rear Tin, w/Hose, w/o Heat Riser, Black
8941 Rear Tin, w/Hose, w/o Heat Riser, Chrome

8937 Rear Tin, w/o Hose, w/Heat Riser, Black
8943 Rear Tin, w/o Hose, w/Heat Riser, Chrome

8939 Rear Tin, w/o Hose, w/o Heat Riser, Black
8942 Rear Tin, w/o Hose, w/o Heat Riser, Chrome

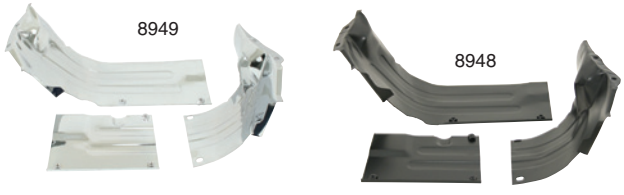
ENGINE PULLEY TIN

Available in chrome or black.

8935 Engine Pulley Tin, Black
(Bulk P/N: 113 119 533L)
8960 Engine Pulley Tin, Chrome

HEATER CHANNEL KIT - 3 PIECE

The finishing touch to control engine heat. Fits between heater boxes and engine case. Available in chrome or black.



8948 Heater Channel Kit, 3 pcs., Black
8949 Heater Channel Kit, 3 pcs., Chrome

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

LOWER CYLINDER DEFLECTOR TIN

Cylinder defector tin for Volkswagens is an important component when it comes to keeping your engine cool. Taking the air from the fan shroud, it directs it around the cylinders. Must be installed before the pushrod tubes.

98-9983-B Cylinder Deflector Tin, For 10mm Studs, Zinc Plated 1500-1600cc
(Ref. P/N: 311 119 317A)

98-9984-B Cylinder Deflector Tin, For 8mm Studs, Zinc Plated 1500-1600cc
(Ref. P/N: 043 119 317A)

HEATER CHANNEL MOUNT KIT

Set of four new Steel Mounting Tabs. Perfect for replacing stock tabs broken off heater boxes or custom fabricating your own when heater boxes have been eliminated and J-tubes are being used (Raw).

3359 Heater Channel Mount (4 pcs.)

(Pictured to show different angles)

NEW! 98-8733-B

(Pictured to show different angles)

NEW! 98-8732-B

AIR DEFLECTOR PLATES

Attaches to the upper cylinder cover tin to properly direct the air out. A must for proper air cooling.

98-8732 NEW! Air Deflector Plates, Black, Pair (Right and Left Side)

98-8732-B NEW! Air Deflector Plate, Right, Black, Each
(Ref. P/N: 131 119 358)

98-8733-B NEW! Air Deflector Plate, Left, Black, Each
(Ref. P/N: 131 119 357)

SHROUD SPACER KIT

These spacers fill in the gap between the cylinder tins and the bottom of the fan shroud that results from many high performance VW engine builds.

16-9511 Aluminum Shroud Spacer Kit, Pair

STAINLESS STEEL 6MM BUTTON HEAD ALLEN SHROUD SCREW KIT

Cool looking Stainless Steel Button Head Allen Shroud Screws with Stainless Steel Washers to finish off your shroud and tins. Includes 34 Screws, 34 Washers and an Allen Wrench.

17-2960 6mm Stainless Steel Button Head Allen Shroud Screw Kit, 34pcs

SHROUD SCREW KIT

New Shroud Screws with attached washers.

9524

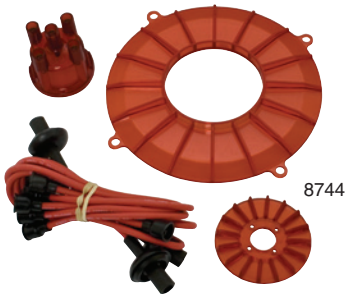
9524 Shroud Screw Kit, 12 Pcs.
9524-B Bulk Shroud Screws, Bag of 100
(Ref. P/N: N 10 710 8)

ENGINE TRIM KIT - COLORS

This Kit includes Distributor Cap, Copper Core Spark Plug Wire Set, Finned Pulley Cover and Finned Backing Plate Cover.

8743 Engine Trim Kit, Blue
8744 Engine Trim Kit, Red
8745 Engine Trim Kit, Yellow/Gold
8746 Engine Trim Kit, Black/Clear

8743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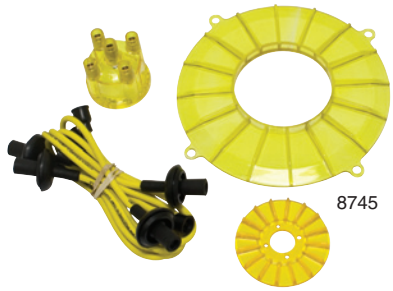
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SUPER CHROME & COLOR-DELUXE ENGINE KIT

Kits feature All Chrome accessories and colorful accent pieces. Includes Finned Backing Plate, Finned Pulley Cover, Wire Separators, Distributor Cap, Ignition Wires, Magnetic Drain Plug, Alt/Gen Strap, Chrome Stock Style Valve Covers with Bales, Distributor Clamp, Sump Plate, Oil Filler w/Tube, Stock Style Oil Cap, Stock Length Dipstick, Coil cover, Backing Plate, Pulley Bolt & Washer, 2-Piece Generator Nut and 12-Volt Alt/Gen Pulley.

8653 Super Color Deluxe Engine Kit, Red
8654 Super Color Deluxe Engine Kit, Blue
8655 Super Color Deluxe Engine Kit, Yellow/Gold
8656 Super Color Deluxe Engine Kit, Black/Clear

8653

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8655

8656

8742

SUPER CHROME DELUXE DRESS-UP KIT

This Kit includes Magnetic Drain Plug, Alt/Gen Strap, Chrome Stock Style Valve Covers with Bales, Distributor Clamp, Sump Plate, Oil Filler with Tube, Stock Oil Cap, Stock Length Dipstick, Coil Cover, Backing Plate, Pulley Bolt & Washer, 2-Piece Alt/Gen Nut and 12-Volt Alt/Gen Pulley.

8742 Super Chrome Deluxe Dress-Up Kit

8741

DELUXE CHROME DRESS-UP KIT

This Kit includes Distributor Clamp, Oil Filler with Tube, Stock Style Oil Cap, Stock Length Dipstick, Pulley Bolt & Washer, 2-Piece Alt/Gen Nut and 12-Volt Alt/Gen Pulley.

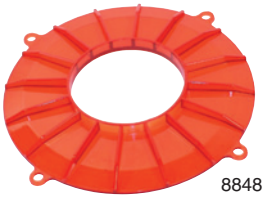
8741 Deluxe Chrome Dress-Up Kit

8740

CHROME DRESS-UP KIT

This Kit includes Distributor Clamp, Stock Style Oil Cap, Stock Length Dipstick, Pulley Bolt & Washer and 2-Piece Alt/Gen Nut.

8740 Chrome Dress-Up Kit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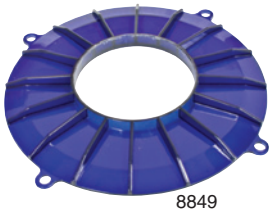
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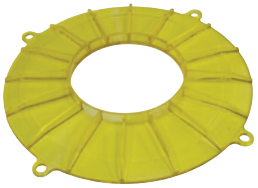
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8869

FINNED BACKING PLATE COVERS

See-Thru Plastic Finned Covers in assorted colors fit over steel backing plate. Use over our P/N: 9071 Chrome Backing Plate for brighter colors.

8848 Finned Backing Plate, Red
8849 Finned Backing Plate, Blue
8850 Finned Backing Plate, Gold
8869 Finned Backing Plate, Clear

NEW! 98-8743

THERMOSTAT BRACKET

98-8743 NEW! Thermostat Bracket, 1200-1600cc, Silver Zinc, Each
Fits stock OEM thermostat, Type 1 61-79,
Ghia 61-74, Type 2 61-71, Type 3 64-73, Thing 73-74
(Bulk P/N: 043 119 151)

EMPI "D" SERIES CARBURETORS

Built specifically for V.W. Air Cooled Engines.
Available in 36mm, 40mm and 45mm.

3 YEARS IN DEVELOPMENT...

**MONTHS OF TESTING ON THE DYNO,
TEST ENGINES, ON THE STREET, OFF-ROAD...
BY OUR CUSTOMERS...AND THEIR CUSTOMERS...**

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI D CARBURETORS

An esthetically beautiful Carburetor! High pressure aluminum die cast manufacturing process ensures excellent dimensional accuracy and smooth surfaces.

Idle Jets on the TOP of the Carburetor for easy access with Extended Idle Jet Holders to help prevent clogged Idle Jets and increased mid-range performance.

Extended Float Bowl Vent helps prevent sloshing and keeps dirt from entering the carburetor.

Large Float Bowl for extended runs at full throttle.

5-6 Progression Ports that allow for extremely smooth acceleration and drivability.

Brass Port Ball designed with a special punch head and special installation tooling that 'sets' the ball - assuring that it cannot move or allow fuel leakage/ drip.

Decompression Valve - eliminates drips caused by pent-up pressure.

No Enrichment / Choke Circuit - no additional moving parts to worry about.

Large Fuel Inlet (Banjo) w/ Special Sealing Washers.

Brass Hex-Head Mixture Screws.

No Enrichment / Choke Circuit

Includes Chrome Velocity Stacks.
(Except Type 3 Kit)

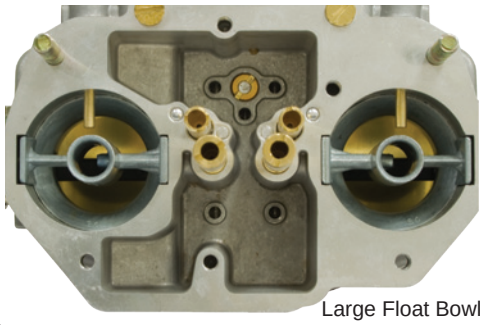
And supported by a complete selection of Calibration Components, Rebuild Kits, Gaskets and Spare Parts.

THE CARBURETORS ARE CALIBRATED/JETTED FROM THE FACTORY PER THE FOLLOWING:

Part # Carburetor Only	Description	Idle Jet	Main Jet	Air Corrector	Inlet Valve	Pump Jet	Emulsion Tube	Venturis
44-1036-0	EMPI D 36mm - Dual	60	122	180	1.50	50	2	30mm
44-1040-0	EMPI D 40mm - Dual	60	140	180	1.50	35	2	34mm
44-1040-2	EMPI D 40mm – Single*	65	162	170	1.50	55	2	30mm
44-1045-0	EMPI D 45mm - Dual	70	162	200	1.50	55	2	38mm
44-1045-2	EMPI D 45mm – Single*	70	162	160	1.50	60	2	32mm

**Single Carburetors feature a 2mm port in each butterfly to improve idle performance.*

EMPI D CARBURETORS

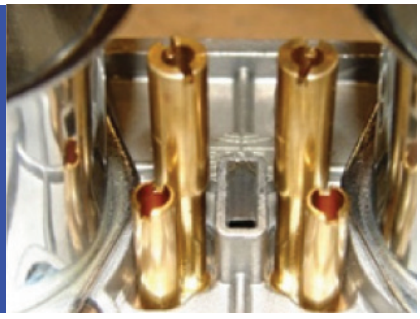


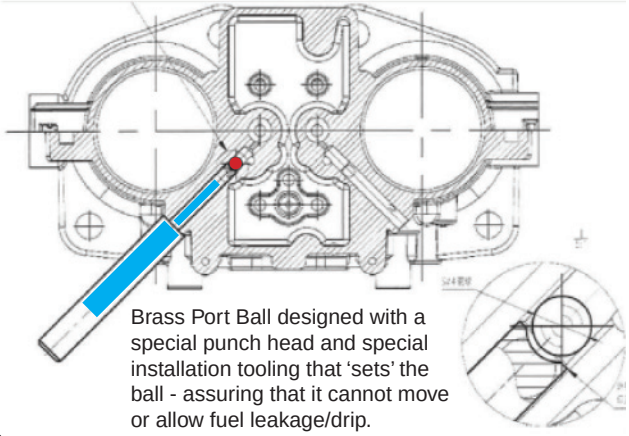
Large Float Bowl

Decompression Valve – eliminates drips caused by pent-up pressure.

Extended Idle Jet Holders to help prevent clogged Idle Jets and increase mid-range performance.

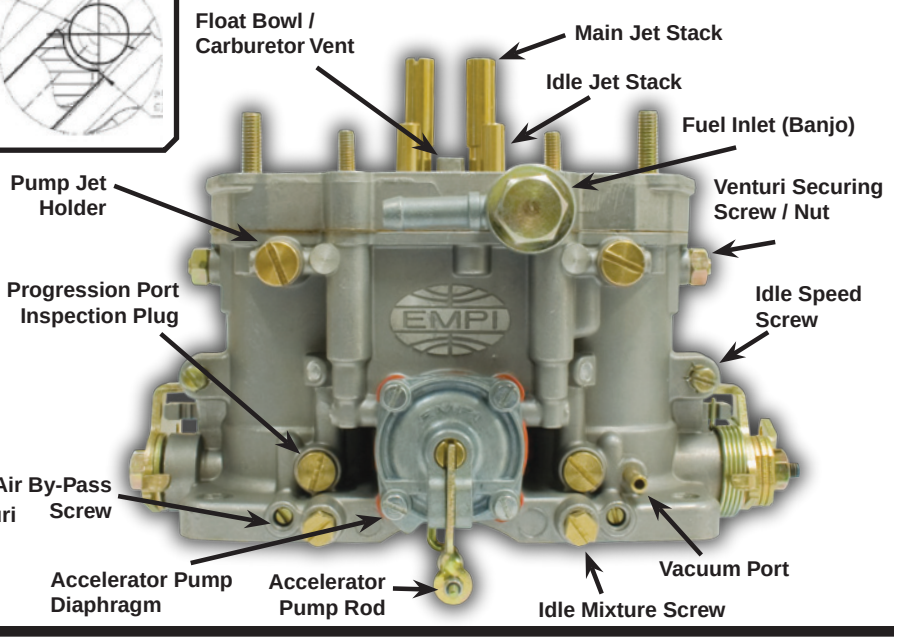
Extended Float Bowl Vent Helps prevent fuel sloshing and keeps dirt from entering the carburetor.





Brass Port Ball designed with a special punch head and special installation tooling that 'sets' the ball - assuring that it cannot move or allow fuel leakage/drip.

While the EMPI D Carburetor looks like it should adjust and function like the HPMX (or IDF) Series carburetors, it does not. Do not attempt to adjust or jet the EMPI D carburetor like an HPMX or IDF.



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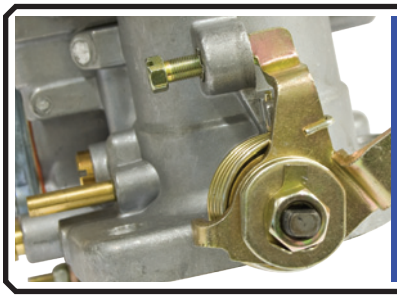
INTAKE - CARB. KITS & COMPONENTS

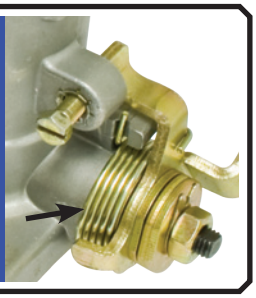
EMPI D CARBURETORS

1. Idle Speed Screw

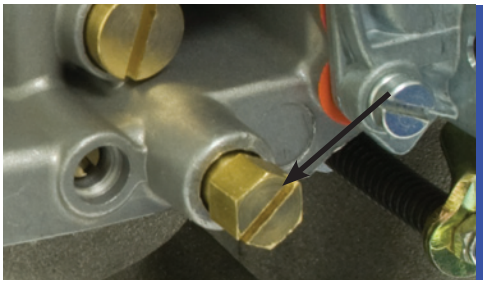


Locking nylon threads to help ensure that the idle screw does not back out from vibration over time.

Heavy duty spring for reliable return action



2. Idle Mixture Screw

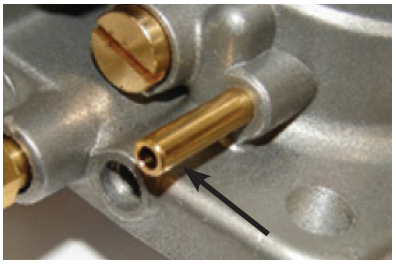


Made with precision, the idle mixture screws are made specifically for the EMPI D carburetor.

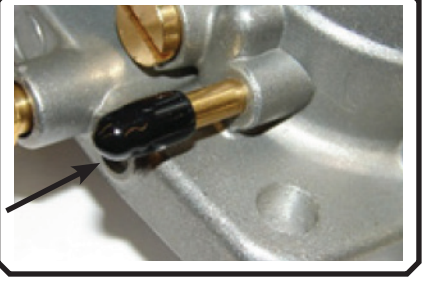
Adjustments for the EMPI D carburetor are nothing like the HPMX OR IDF carburetors.

For further information on how to adjust the EMPI D carburetors please refer to the instructions supplied with each kit of How to Adjust Dual EMPI D Carburetors.

3. Vacuum Port

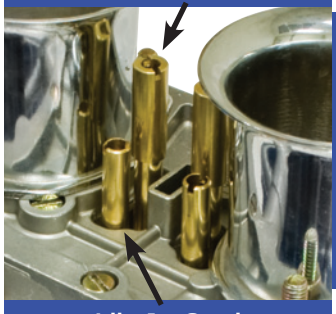


A Vacuum Port is available for Distributor vacuum if required. If you do not intend to use this port(s), be certain to install the vinyl Vacuum Plug(s) provided with your Kit.



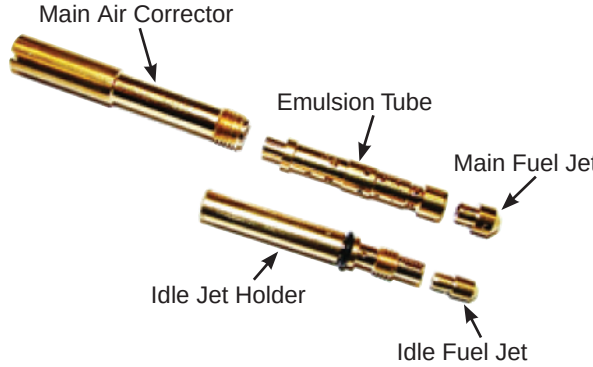
4. Jet Stacks

Main Jet Stack



Idle Jet Stack

EMPI D Carburetor Kits come Factory Jetted to bolt on and run most Stock and Mildly Modified engines. Re-jetting is made easy with both Main and Idle Jet Stacks located at the top of the carburetor.

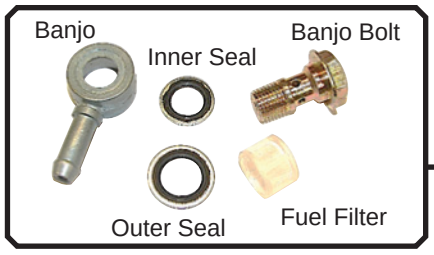


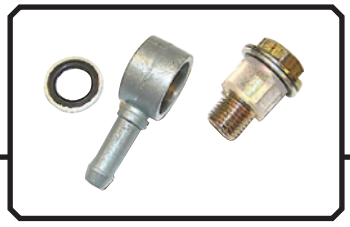
NOTE: Dirty and/or plugged Idle and Main Jets will lead to poor performance. If one or more cylinders are not firing properly – this is the first place to inspect and clean.

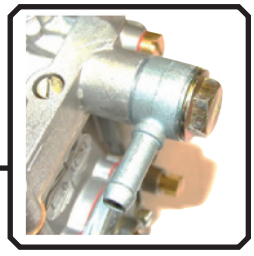
EMPI D CARBURETORS

5. Fuel Inlet Fitting & Filter (Banjo-Style)

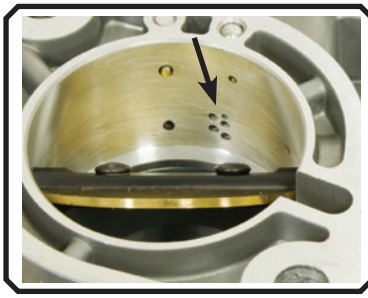
EMPI D Carburetors feature a Banjo-Style Fuel Inlet with Bolt, Fuel Filter and special Sealing Washers. To adjust the direction of the Fuel Inlet, loosen the Bolt, turn the Fuel Inlet to the desired direction then tighten the Bolt. Remove the bolt, washers and Filter for easy inspection, cleaning or Filter replacement. Always inspect for leaks or drips before running the engine. Note: Inner and Outer Sealing Washers have different Inside Diameters.



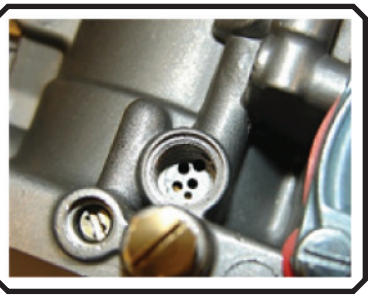




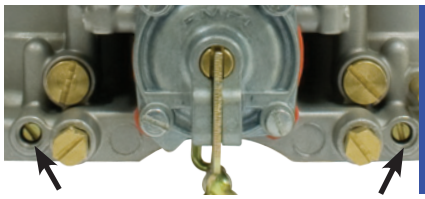
6. Progression Ports



EMPI D Carburetors feature a series of Progression Ports that allow for extremely smooth acceleration and drivability. 40mm & 45mm Carburetors feature 5 Progression Ports - 36mm Carburetor features 6 Progression Ports. Inspection Covers may be removed for cleaning.



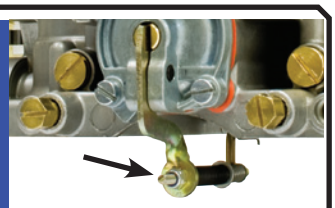
7. Air By-Pass Screws



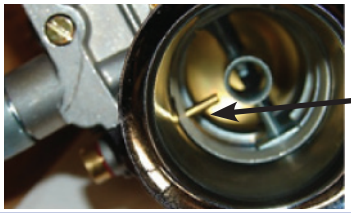
Air By-Pass Screws should remain closed.

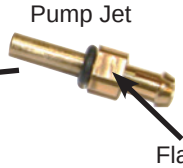
8. Accelerator Pump Rod

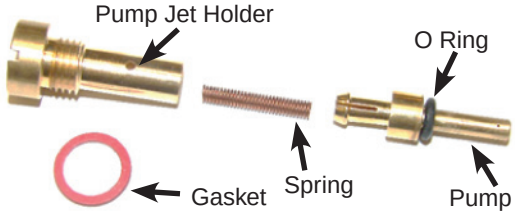
The Accelerator Pump Rod is set at the factory. It is not recommended to adjust the action of the rod to increase fuel delivery.



9. Pump Jet



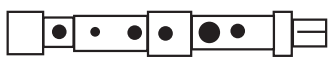




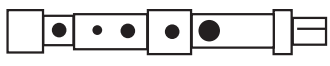
Off Idle performance can be refined or improved, if necessary, by changing the Pump Jets. There are two (2) per carburetor - one for each barrel and are easily located and removed from the side of the carburetor. Note: They install with the 'Flat' pointing UP – thereby the Jet pointing DOWN into the barrel. When changing the Jet, be certain to re-install the spring in the Jet Holder and O Ring on the Jet.

10. Emulsion Tubes

The #2 Emulsion Tubes supplied with all EMPI D Carburetors provide the best balance of low, mid-range and top end performance. Different size Emulsion Tubes are available for your specific calibration requirements.



#1 : Rich Low Speed
Lean at Full Throttle



#2 : Lean Low Speed
Rich at Full Throttle

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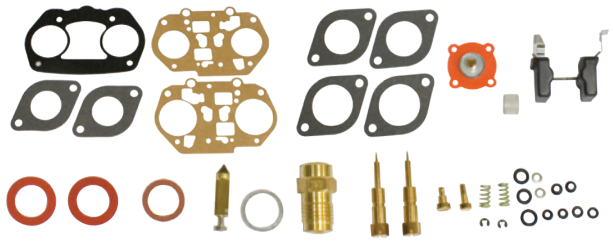
EMPI D CARBURETOR JETS, COMPONENTS & SERVICE PARTS

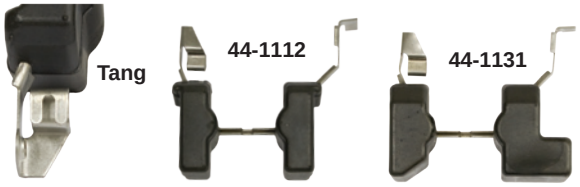
44-1125 EMPI D Carburetor Rebuild Kit, 36, 40 & 45MM, Fits All, Each
Supplied with EMPI Style Needle / Seat
P/N 44-1112 Float is included in this kit



44-1113 EMPI D Carb. Base Gaskets, 36mm, Pr.
44-1114 EMPI D Carb. Base Gaskets, 40mm, Pr.
44-1115 EMPI D Carb. Base Gaskets, 45mm, Pr.

44-1117 EMPI D Carburetor Accelerator Pump Diaphragm, Fits All, Each

44-1112 EMPI D Carburetor Float, Fits EMPI D 36, 40 & 45 plus Original Dellorto, Each
44-1131 Large EMPI D Carburetor Float, Fits EMPI D 36, 40 & 45, Each



44-1128 EMPI D Carburetor Fuel Inlet Sealing Washer – Small Fits All, Each
44-1129 EMPI D Carburetor Fuel Inlet Sealing Washer – Large Fits All, Each

44-1111 EMPI D Carburetor Fuel Filter, Fits All, Each

Main Jet

Main Jet	
Part #	Size
44-1050	1.10
44-1051	1.15
44-1052	1.20
44-1053	1.22
44-1054	1.30
44-1055	1.35
44-1056	1.40
44-1057	1.45
44-1058	1.50
44-1059	1.62
44-1060	1.70
44-1061	1.75
44-1062	1.80
44-1119	1.85
44-1120	1.90

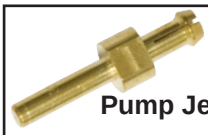
Air Correction Jet

Air Correction Jet	
Part #	Size
44-1063	1.60
44-1064	1.65
44-1065	1.70
44-1066	1.75
44-1067	1.80
44-1068	1.85
44-1069	1.90
44-1070	1.95
44-1071	2.00
44-1072	2.10
44-1073	2.15
44-1074	2.20
44-1075	2.25

Idle Jet

Idle Jet	
Part #	Size
44-1076	0.40
44-1077	0.45
44-1078	0.50
44-1079	0.52
44-1080	0.55
44-1081	0.60
44-1082	0.62
44-1083	0.65
44-1084	0.70
44-1085	0.75
44-1118	0.80

Pump Jet



Pump Jet	
Part #	Size
44-1092	0.33
44-1093	0.35
44-1094	0.45
44-1095	0.50
44-1096	0.55
44-1097	0.60
44-1098	0.65
44-1099	0.70
44-1100	0.75
44-1101	0.80

Main Venturi

Venturi	
Part #	Size
44-1104	27
44-1105	28
44-1106	30
44-1107	32
44-1108	34
44-1109	36
44-1110	38

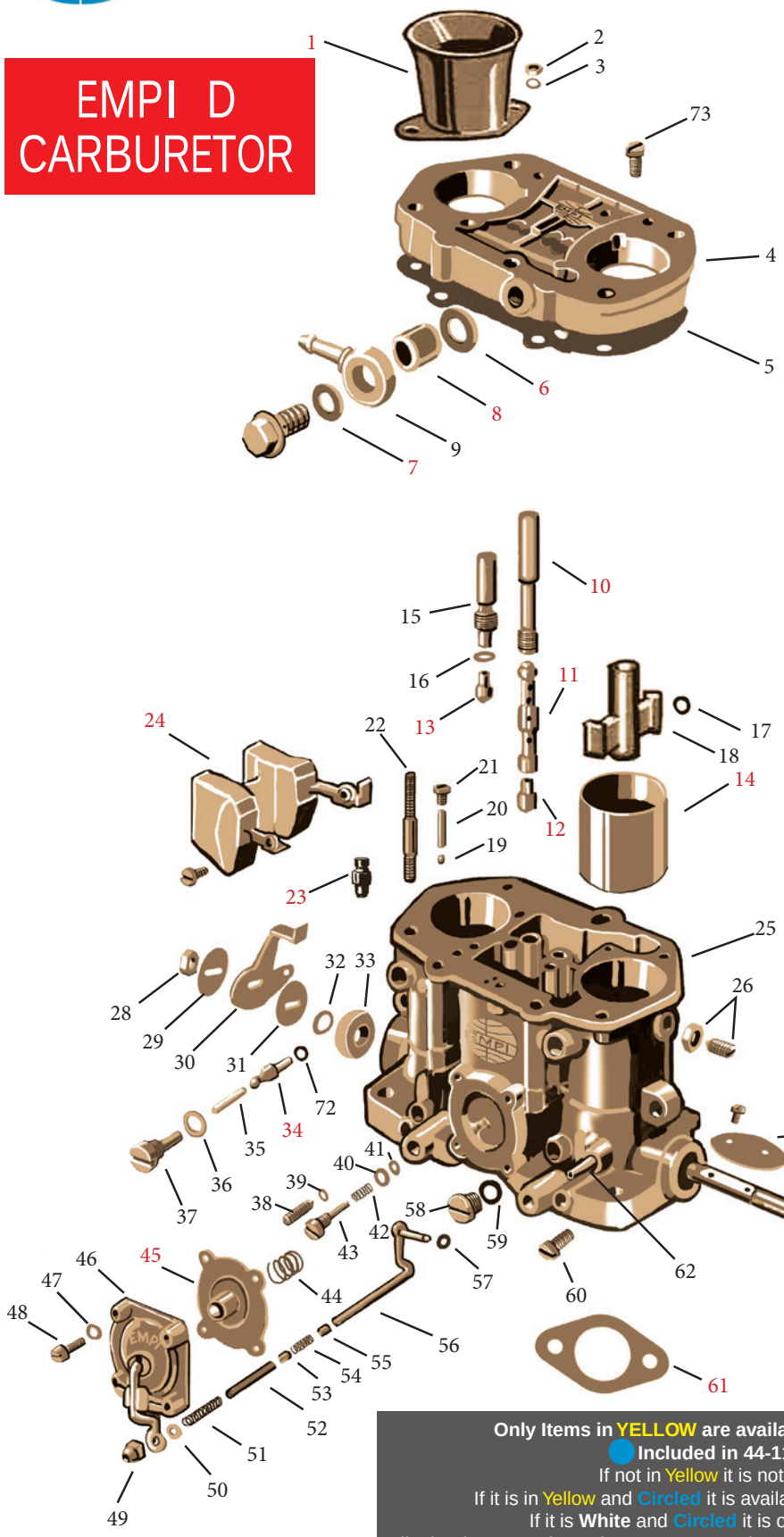
Inlet Valve Needle & Seat

Inlet Valve Needle & Seat	
Part #	Size
44-1086	1.50

Emulsion Tube

Emulsion Tube	
Part #	Size
44-1102	1
44-1103	2

EMPI D CARBURETOR



1. Velocity Stack
2. Velocity Stack Securing Nut
3. Washer
4. Bowl Cover
5. Bowl Cover Gasket
6. Sealing Washer - Large
7. Sealing Washer - Small
8. Fuel Filter
9. Banjo Fitting
10. Air Correction Jet
11. Emulsion Tube
12. Main Jet
13. Idle Jet
14. Main Venturi
15. Idle Jet Holder
16. Intake Valve Gasket
17. O-Ring
18. Auxiliary Venturi
19. Delivery Valve
20. Delivery Valve Weight
21. Delivery Valve Seat Plug
22. Velocity Stack Securing Stud
23. Needle & Seat
24. Float
25. Carb Body
26. Venturi Securing Screw / Nut
27. Throttle Butterfly
28. Throttle Spindle Nut
29. Washer
30. Idle Throttle Adj. Lever
31. Washer
32. Washer
33. Ball Bearing
34. Pump Jet
35. (Fuel Filter) Spring
36. Pump Jet Plug Gasket
37. Pump Jet Plug
38. By-pass Screw
39. Idle Mixture Adj. Screw Gasket
40. Flat Washer
41. Idle Mixture Adj. Screw Gasket
42. Idle Mixture Adj. Screw Spring
43. Idle Mixture Adj. Screw
44. Pump Diaphragm Spring
45. Accelerator Pump Diaphragm
46. Pump Cover
47. Washer
48. Pump Cover Securing Screw
49. Nut
50. Washer
51. Pump Link Spring
52. Distance Tube
53. Washer
54. Spring
55. Washer
56. Pump Lever
57. Washer
58. Progression Port Inspection Plug
59. O-Ring
60. Idle Speed Screw
61. Base Gasket
62. Vacuum Port
63. Throttle Shaft
64. Throttle Shaft Bearing
65. Washer
66. Washer
67. Return Spring
68. Idle Control Lever
69. Washer
70. Retaining Plate
71. Throttle Shaft Nut
72. O-Ring
73. Bowl Cover Bolt

Only Items in YELLOW are available separately as Components
Included in 44-1125 Rebuild Kit
If not in Yellow it is not available separately.
If it is in Yellow and Circled it is available separately or in the Rebuild Kit.
If it is **White** and Circled it is only available in a Rebuild Kit.
All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

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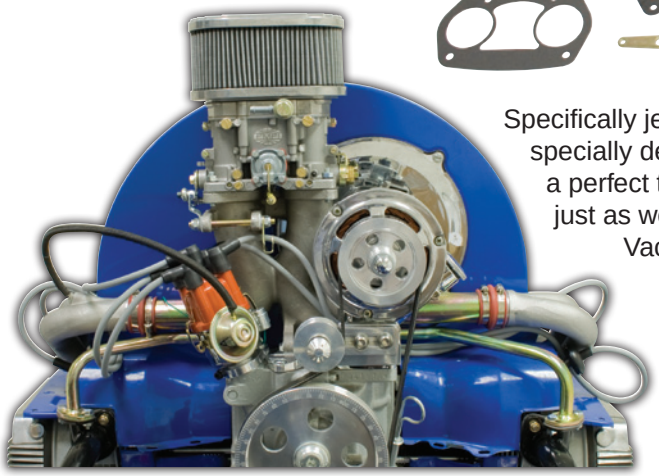
SINGLE
TYPE 1 EMPI D Carburetor Kits

Single Carburetors feature a 2mm port in each butterfly to improve idle performance.



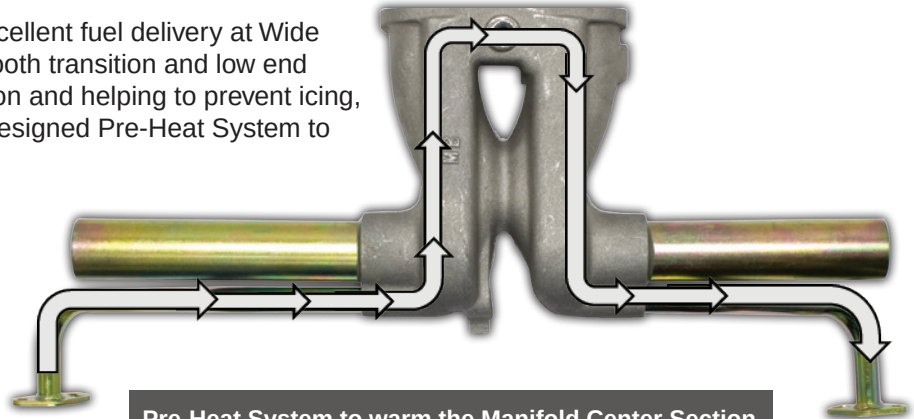
Specifically jetted and prepared **EMPI D Carburetors** mated to a specially designed and race-proven Isolated Runner Manifold make for a perfect torque-monster combo. Designed for off-road, but functions just as well on the street. Single Carburetor Applications require a Vacuum-Assisted Distributor to achieve proper performance.

Each Kit comes complete with a specifically prepared **EMPI D Carburetor**, Velocity Stacks, Manifold, Aluminum Air Cleaner w/Gauze Air Filter, complete Linkage and all necessary Gaskets & Hardware.

44-1025	***EMPI D 40mm Deluxe Single Carburetor Kit,*** Type 1 – to 1835cc Stock to Mild Build **Factory Jetting:** 162 Main, 170 Air, 65 Idle, 1.50 Inlet Valve, 55 Pump, #2 E-Tube & 30mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .150 Main, .70 Idle
44-1026	***EMPI D 45mm Deluxe Single Carburetor Kit,*** Type 1 – Everything Else and Most Race Applications **Factory Jetting:** 162 Main, 160 Air, 70 Idle, 1.50 Inlet Valve, 60 Pump, #2 E-Tube & 32mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .170 Main, .75 Idle

EMPI Deluxe Isolated Runner Pre-Heat System Manifold

This Race-Proven manifold has excellent fuel delivery at Wide Open Throttle while allowing a smooth transition and low end performance. Aiding fuel atomization and helping to prevent icing, this manifold features a specially designed Pre-Heat System to warm the Manifold Center Section.



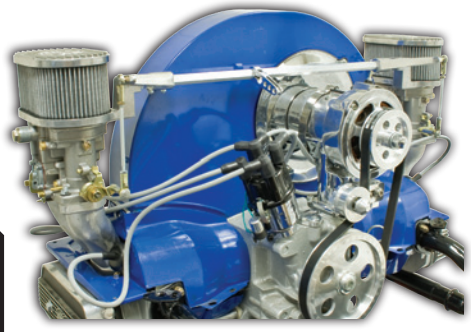
Pre-Heat System to warm the Manifold Center Section.

Deluxe is an understatement! These **EMPI Dual-D Carburetor Kits** feature only the best components available…

- *A **COMPLETE** Kit – with everything you need including all gaskets, hardware, fuel line and coil relocation bracket.*

DUAL
TYPE 1 EMPI Dual-D Carburetor Kits

Featuring Needle Bearing Rod Ends.



EMPI Combo Cast Aluminum Air Cleaner Base and Top for solid linkage performance and great looks – and features the EMPI logo.

EMPI Off-Set Manifolds – with plenty of material for porting.

- *A pair of **EMPI D** Carburetors – Engine Tested, Adjusted and baseline Jetted.*
- *EMPI Off-Set Manifolds – with plenty of material for porting.*
- *Best Hex Bar Linkage in the industry – Easy to adjust and rock solid in maintaining that adjustment for miles of performance driving…featuring Needle Bearing Rod Ends.*
- *EMPI Combo Cast Aluminum Air Cleaner Base and Top for solid linkage performance and great looks – and features the EMPI logo.*

Best Hex Bar Linkage in the industry – Easy to adjust and rock solid in maintaining that adjustment for miles of performance driving…

44-1027	***EMPI Dual-D 36mm Deluxe Carburetor Kit,*** Type 1 – to 1776cc Stock to Mild Build **Factory Jetting:** .122 Main, .180 Air, .60 Idle, 1.50 Inlet Valve, .50 Pump, #2 E-Tube & 30mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .130 Main, .55 Idle
44-1028	***EMPI Dual-D 40mm Deluxe Carburetor Kit,*** Type 1 – to 2180cc Stock to Mild Build **Factory Jetting:** .140 Main, .180 Air, .60 Idle, 1.50 Inlet Valve, .35 Pump, #2 E-Tube & 34mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .145 Main, .65 Idle
44-1029	***EMPI Dual-D 45mm Deluxe Carburetor Kit,*** Type 1 – Large CC Engines & Most Race Applications **Factory Jetting:** .162 Main, .200 Air, .70 Idle, 1.50 Inlet Valve, .55 Pump, #2 E-Tube & 38mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .170 Main, .75 Idle

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

DUAL

TYPE 3 EMPI Dual-D Carburetor Kits

These **EMPI Dual-D Carburetor Kits** feature only the best components available…

- *A **COMPLETE** Kit – with everything you need including all gaskets, hardware & fuel line.*
- *A pair of **EMPI D** Carburetors – Engine Tested, Adjusted and baseline Jetted.*
- *EMPI Manifolds.*
- *Best Hex Bar Linkage in the industry – Easy to adjust and rock solid in maintaining that adjustment for miles of performance driving.*

DOES NOT FIT UNDER DECKLID

EMPI Chrome Air Cleaners with 1.75" Gauze Filter Element.

(This kit is supplied without Velocity Stacks)

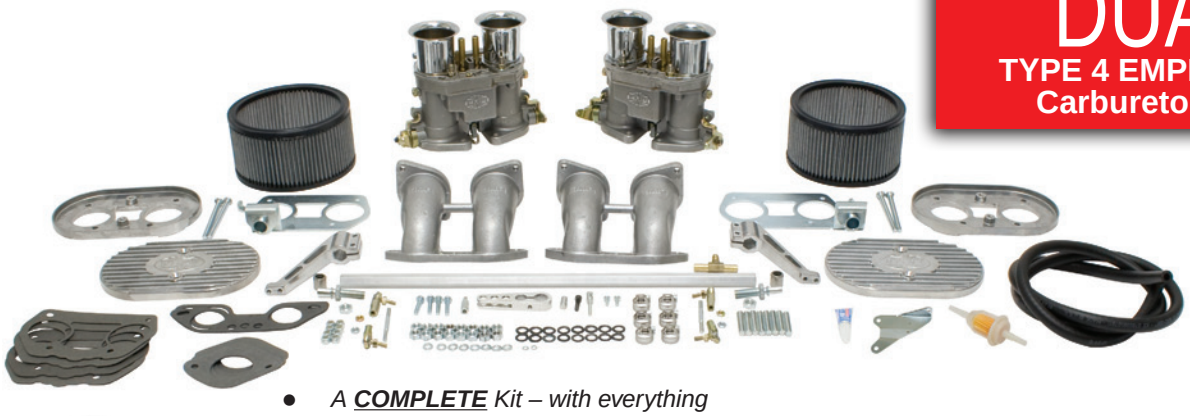
Best Hex Bar Linkage in the industry – Easy to adjust and rock solid in maintaining that adjustment for miles of performance driving…

EMPI Manifolds

44-1033	***EMPI Dual-D 36mm Deluxe Carburetor Kit,*** Type 3 – to 1776cc Stock to Mild Build **Factory Jetting**: .122 Main, .180 Air, .60 Idle, 1.50 Inlet Valve, .50 Pump, #2 E-Tube & 30mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .130 Main, .55 Idle
44-1034	***EMPI Dual-D 40mm Deluxe Carburetor Kit,*** Type 3 – to 2180cc Stock to Mild Build **Factory Jetting**: .140 Main, .180 Air, .60 Idle, 1.50 Inlet Valve, .35 Pump, #2 E-Tube & 34mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .145 Main, .65 Idle
44-1035	***EMPI Dual-D 45mm Deluxe Carburetor Kit,*** Type 3 – Large CC Engines & Most Race Applications **Factory Jetting**: .162 Main, .200 Air, .70 Idle, 1.50 Inlet Valve, .55 Pump, #2 E-Tube & 38mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .170 Main, .75 Idle

DUAL

TYPE 4 EMPI Dual-D Carburetor Kits



- *A **COMPLETE** Kit – with everything you need including all gaskets, hardware & fuel line.*

Deluxe is an understatement! These **EMPI Dual-D Carburetor Kits** feature only the best components available...

- *A pair of **EMPI D** Carburetors – Engine Tested, Adjusted and baseline Jetted.*
- *EMPI Manifolds – for 4-Bolt or 3-Bolt Heads.*
- *Best Hex Bar Linkage in the industry – Easy to adjust and rock solid in maintaining that adjustment for miles of performance driving…featuring Needle Bearing Rod Ends.*
- *EMPI Cast Aluminum Air Cleaner Top & Base…great looks and features the EMPI logo.*

Best Hex Bar Linkage in the industry – Easy to adjust and rock solid in maintaining that adjustment for miles of performance driving…

EMPI Cast Aluminum Air Cleaner Base and Top for performance and great looks – and features the EMPI logo.

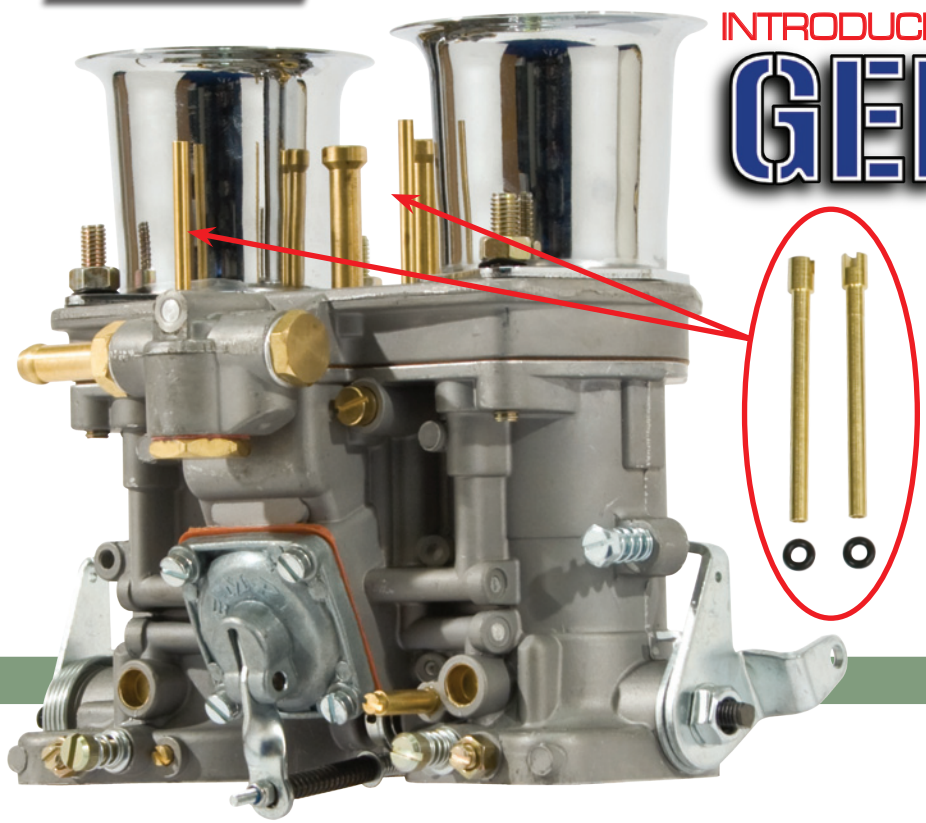
EMPI Manifolds – for 4-Bolt or 3-Bolt Heads.

Featuring Needle Bearing Rod Ends.

44-1031	***EMPI Dual-D 40mm Deluxe Carburetor Kit,*** Type 4 – to 2000cc Stock to Mild Build **Factory Jetting**: .140 Main, .180 Air, .60 Idle, 1.50 Inlet Valve, .35 Pump, #2 E-Tube & 34mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .145 Main, .65 Idle
44-1032	***EMPI Dual-D 45mm Deluxe Carburetor Kit,*** Type 4 – Larger CC engines and Most Race applications **Factory Jetting**: 162 Main, 200 Air, 70 Idle, 1.50 Inlet Valve, 55 Pump, #2 E-Tube & 38mm Venturis **NOTE: We have added the following jets to your kit if further tuning is needed:** .170 Main, .75 Idle

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

Check out our TECH VIDEOS
LOG ON TO EMPIUS.COM



INTRODUCING GEN 4.0

CARBURETORS

HPMX CARBURETOR
IMPROVED PERFORMANCE AND RELIABILITY

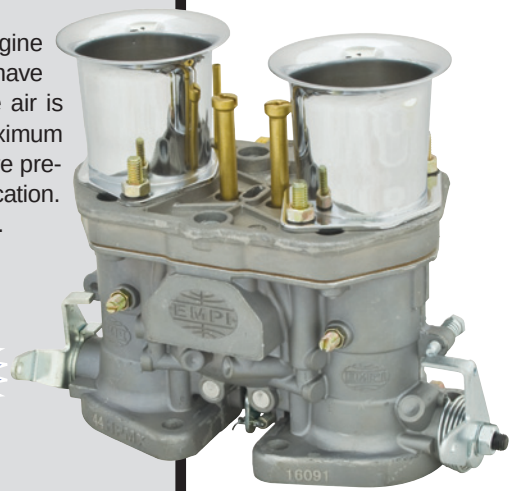
Features new extended idle jet vent tubes. This upgrade virtually eliminates clogged idle jets. HPMX Single and Dual kits will have this update installed, **AT NO EXTRA COST.**

EMPI HPMX CARBURETOR

Performance, reliability and race proven. EMPI HPMX Carbs. offer ultimate engine tuning with total air and fuel metering and adjustment. The EMPI HPMX series have separate idle and main circuits featuring changeable air and fuel jets. Intake air is metered by changeable venturies, and the accelerator pump is adjustable for maximum acceleration. Jets, gaskets and repair parts are readily available. All our kits are pre-jetted for most VW engines. Choose the appropriate size carburetor for your application. When future engine modification is planned, size-up now! Basic rule of thumb...

- **40mm Carbs. for engines up to 2000cc**
- **44mm Carbs. for engines 2100cc and up**

These EMPI HPMX carburetors & kits include chrome velocity stacks!



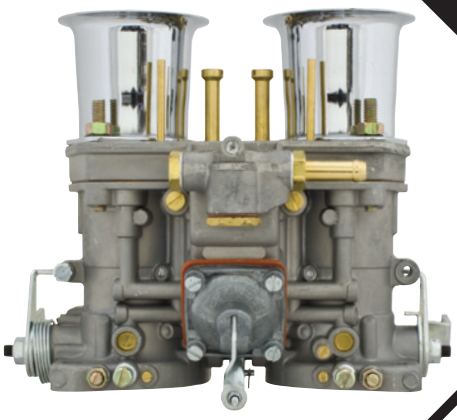
40/44 HPMX

***Float Levels Checked**
***Test Run**
***Jetted and Adjusted**

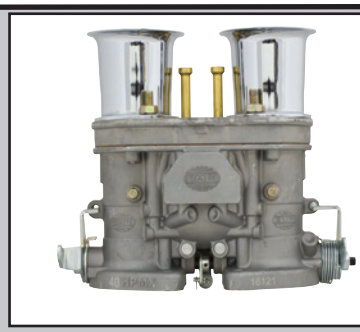
EMPI HPMX CARBURETOR ONLY

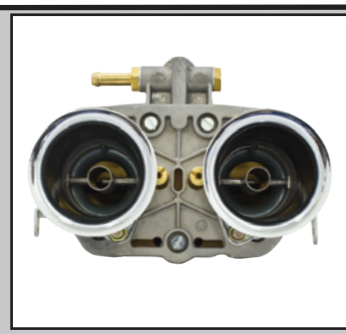
47-1010	40HPMX Carb Only, w/ Chrome Velocity Stacks for Dual Carb Set-Ups
47-1010-2	40HPMX Carb Only, w/ Chrome Velocity Stacks for Single Carb Set-Ups
47-1012	44HPMX Carb Only, w/ Chrome Velocity Stacks for Dual Carb Set-Ups
47-1012-2	44HPMX Carb Only, w/ Chrome Velocity Stacks for Single Carb Set-Ups

[EMPI 40/44 HPMX FOR DUALS]



47-1010
47-1012





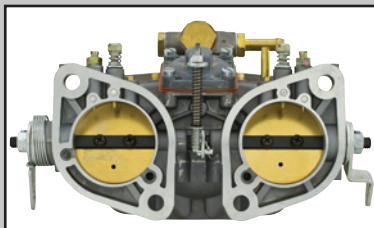
Test Run and Adjusted for smooth performance

- All EMPI 40/44 HPMX Carbs are test run and come with chrome velocity stacks
- Float levels checked and set
- Carbs jetted for smooth operation

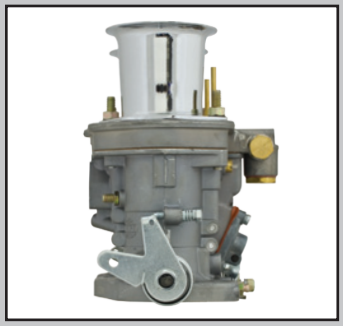
Check out our TECH VIDEOS
LOG ON TO EMPIUS.COM

[EMPI 40/44 HPMX FOR SINGLES]

47-1010-2
47-1012-2



Single Carb applications have an idle hole drilled in the butterfly for both the 40 and 44 HPMX Carbs.



Test Run and Adjusted for smooth performance

- All EMPI 40/44 HPMX Carbs are test run and come with chrome velocity stacks
- Float levels checked and set
- Carbs jetted for smooth operation

Check out our TECH VIDEOS
LOG ON TO EMPIUS.COM

Part #	Description	Idle Jet	Main Jet	Air Corrector	Ex. Pump Jets	Accel. Pump Jets	Emulsion Tube	Venturis
47-1010-0	EMPI HPMX 40mm - Dual	52	130	170	550	50	F11	28mm
47-1012-0	EMPI HPMX 44mm - Dual	55	135	200	550	50	F11	36mm
47-1010-2	EMPI HPMX 40mm - Single	60	135	160	350	50	F11	28mm
47-1012-2	EMPI HPMX 44mm - Single	60	140	160	350	55	F11	30mm

All above listed carbs use 2.00mm Needle Valve.

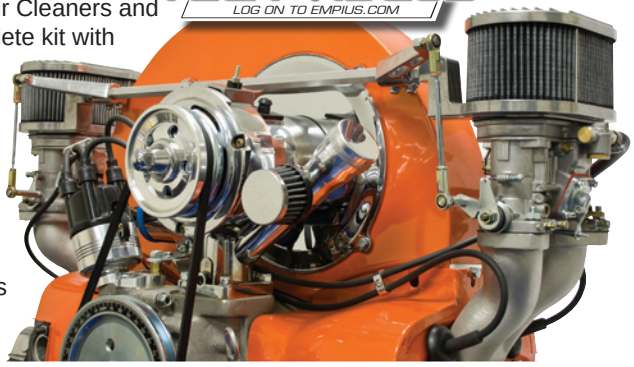
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

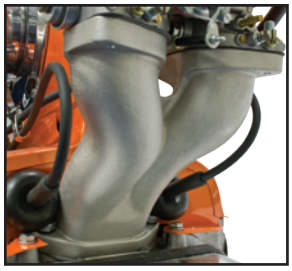
EMPI Ultra Dual HPMX Carburetor Kits

New EMPI Ultra Dual HPMX Carb Kits with new Combo Linkage & Air Cleaners and Off-Set Manifolds… Available with 40 & 44HPMX Carburetors. Complete kit with HPMX Carbs, Off-Set Manifolds, Linkage, Hi-Flow Gauze Air Filter Elements, Coil Relocation Bracket, Hardware, Gaskets, Detailed Illustrated Instructions and more.

Check out our TECH VIDEOS LOG ON TO EMPIUS.COM

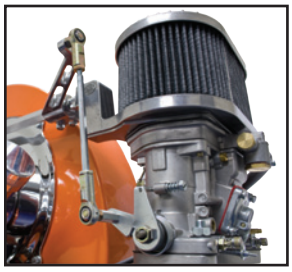
May not fit with stock fan shroud without modification.





Off-Set Manifolds…

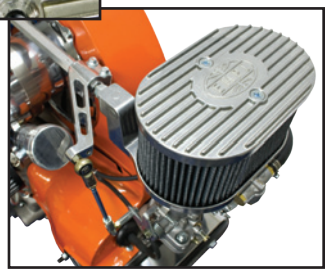
- Positions the carburetors straight across the engine
- Thick side walls for custom porting and port matching
- Helps eliminate body clearance issues



Hex Bar/Air Cleaner Linkage Combo Design

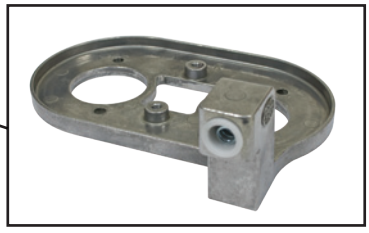
- Great looks – Cast A/C Bottoms & Tops with built-in X-Bar Support
- Precise throttle control
- For Off-Set Manifolds ONLY

47-7335	Ultra Dual 40HPMX Kit Complete, Type 1
47-7336	Ultra Dual 44HPMX Kit Complete, Type 1



Aluminum Air Cleaner Tops

47-7335



Aluminum Air Cleaner Base and Linkage Mount. All One Piece

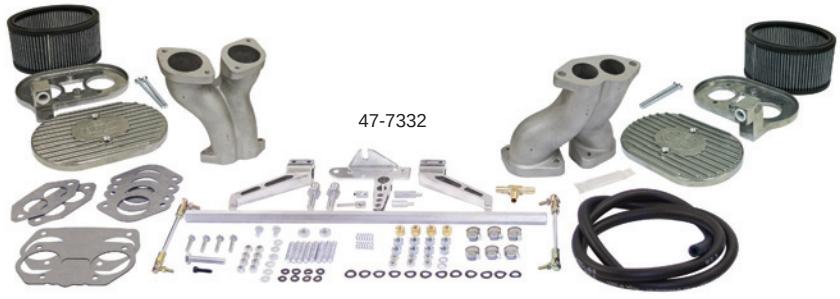
EMPI Ultra Dual HPMX Hex Bar/Air Cleaner Linkage Combo Kit

Complete kit with Off-Set Manifolds, Linkage, Hi-Flow Gauze Air Filter Elements, Coil Relocation Bracket, Hardware, Gaskets, Detailed Illustrated Instructions and more….Just add Carburetors!

Extra Thick Aluminum Manifolds

47-7332	Ultra Hex Bar/Air Cleaner Linkage Combo Kit w/ Manifolds, Type 1
47-7334	Deep Off-Set Manifold Kit, with Necessary Gaskets and Hardware

47-7334



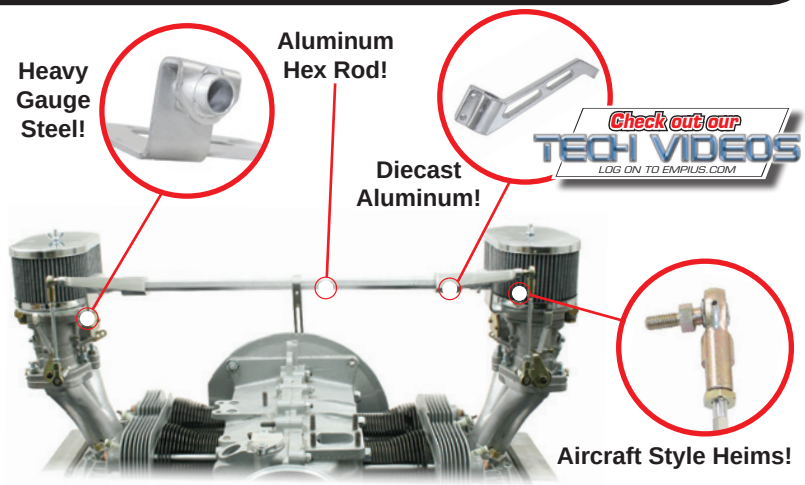
47-7332

EMPI DUAL HPMX HEXBAR CARBURETOR KITS TYPE 1

The EMPI Hex Bar HPMX Carburetor Kits have many of the features of our Deluxe EMPI Kits. All Kits feature:

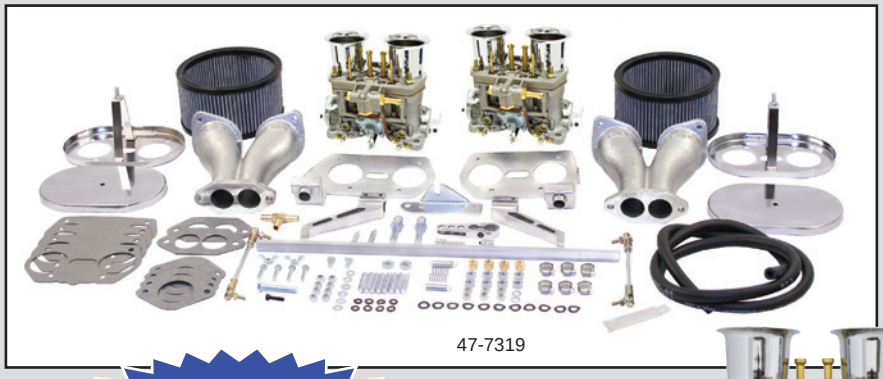
Aluminum Alloy Hex Bar with Steel Ball Ends **- Sealed Aircraft Heim Rod Ends -** Ball Burnished/Polished **- Offset Aluminum Intake Manifolds -** Thick High Strength Steel Linkage Mounts **- Chrome Air Filters with High Flow Gauge Elements -** Coil Relocation Mount **- Brass Fuel Tee -Detailed and Illustrated Instructions -** Attractive EMPI Packaging.

All Dual HPMX Carb Kits are run as pairs and set up for right and left sides **(See page 93 for additional specifications)**.



May not fit with stock fan shroud without modification.

EMPI DUAL HPMX TYPE 1 CARB. KITS WITH CHROME AIR CLEANERS


47-7319

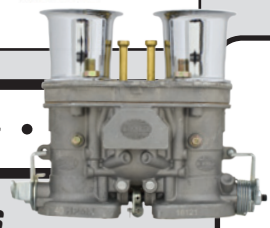
1500-1600CC BASED UP-RIGHT ENGINES

Test Run and Adjusted for smooth performance

47-7317
EMPI Dual 40HPMX Kit

47-7319
EMPI Dual 44HPMX Kit

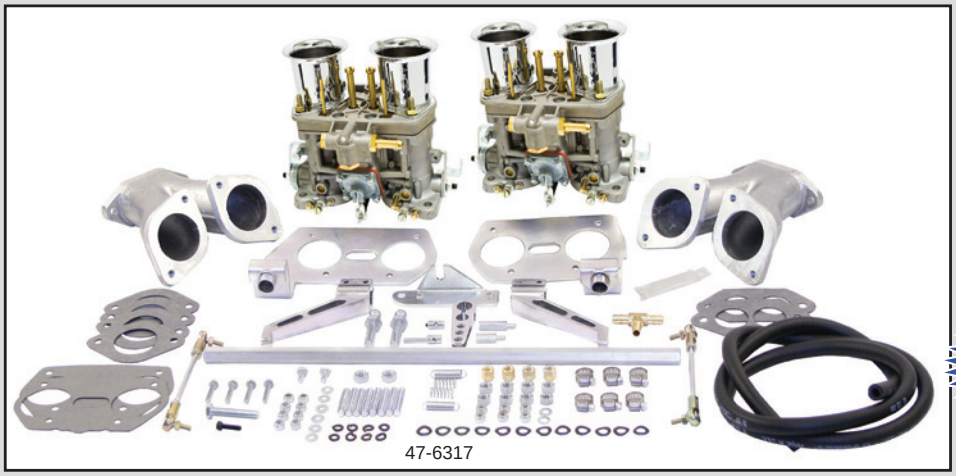
These EMPI HPMX carburetors & kits include chrome velocity stacks!



47-1010
40HPMX Carburetor Only, w/ Chrome Velocity Stacks for Duals

47-1012
44HPMX Carburetor Only, w/ Chrome Velocity Stacks for Duals

EMPI DUAL HPMX TYPE 1 CARB. KITS WITHOUT AIR CLEANERS


47-6317

1500-1600CC BASED UP-RIGHT ENGINES

47-6317
EMPI Dual 40HPMX Kit

47-6319
EMPI Dual 44HPMX Kit

These EMPI HPMX carburetors & kits include chrome velocity stacks!

Test Run and Adjusted for smooth performance

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI DUAL DELUXE HPMX CARB KITS - TYPE 1

EMPI's Deluxe HPMX Carburetor Kits are the finest available. We have re-engineered them to offer many outstanding features not found in other kits. Features include:

Aluminum Alloy Hex Bar with Steel Ball Ends **- Sealed Aircraft Heim Joint Rod Ends -** Ball Burnished/Polished Offset Aluminum Intake Manifolds **-** Thick High Strength Steel Linkage Mounts **- Solid Aluminum Base/Top Air Cleaner Assemblies -** High Flow Gauze Elements **- Coil Relocation Mount -** Brass Fuel Tee **- Fuel Filter -** Brass Manifold Nuts **- Detailed Illustrated Instructions -** Attractive EMPI Packaging.

All Dual HPMX Carb Kits are run as pairs and set up for right and left sides **(See page 93 for additional specifications)**.

Fits with most stock fan shrouds with little or no modification.

Check out our TECH VIDEOS LOG ON TO EMPIUS.COM

EMPI DELUXE DUAL HPMX TYPE 1 CARB. KITS WITH BILLET ALUMINUM AIR CLEANERS

47-9319

Billet 6061 T-6 Aluminum A/C Assemblies

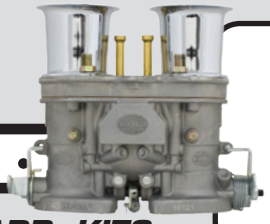
Test Run and Adjusted for smooth performance

These EMPI HPMX carburetors & kits include chrome velocity stacks!

1500-1600CC BASED UP-RIGHT ENGINES

47-9317 EMPI Deluxe Dual 40HPMX Kit

47-9319 EMPI Deluxe Dual 44HPMX Kit



47-1010
40HPMX Carburetor Only, w/ Chrome Velocity Stacks for Duals

47-1012
44HPMX Carburetor Only, w/ Chrome Velocity Stacks for Duals

EMPI DELUXE DUAL HPMX TYPE 1 CARB. KITS WITH CHROME AIR CLEANERS

47-8317

Test Run and Adjusted for smooth performance

These EMPI HPMX carburetors & kits include chrome velocity stacks!

1500-1600CC BASED UP-RIGHT ENGINES

47-8317
EMPI Deluxe Dual 40HPMX Kit

47-8319
EMPI Deluxe Dual 44HPMX Kit

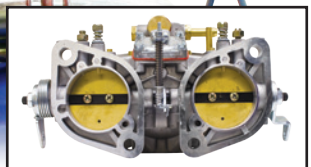
EMPI HPMX CARB KITS - TYPE 1, 2, 3 & 4

Performance, reliability and race proven EMPI HPMX Carbs offer ultimate engine tuning with total air and fuel metering and adjustment. The EMPI HPMX series have separate idle and main circuits featuring changeable air and fuel jets. Intake air is metered by changeable venturies, and the accelerator pump is adjustable for maximum acceleration. Jets, gaskets and repair parts are readily available. All our kits are pre-jetted for VW engines.

These EMPI HPMX carburetors & kits include chrome velocity stacks!

*Test Run & Adjusted *40 HPMX come with .60 Idle Jets, .135 Main Jets, .160 Air Corrector Jets, .50 Accelerator Pump Jets, .350 Ex. Pump Jets, 28mm Venturis and F11 Emulsion Tubes.

*Test Run & Adjusted *44 HPMX come with .60 Idle Jets, .140 Main Jets, .160 Air Corrector Jets, .55 Accelerator Pump Jets, .350 Ex. Pump Jets, 30mm Venturis and F11 Emulsion Tubes.


Idle Hole Drilled in Butterfly

SINGLE EMPI HPMX TYPE 1 CARB. KITS WITH AIR CLEANER

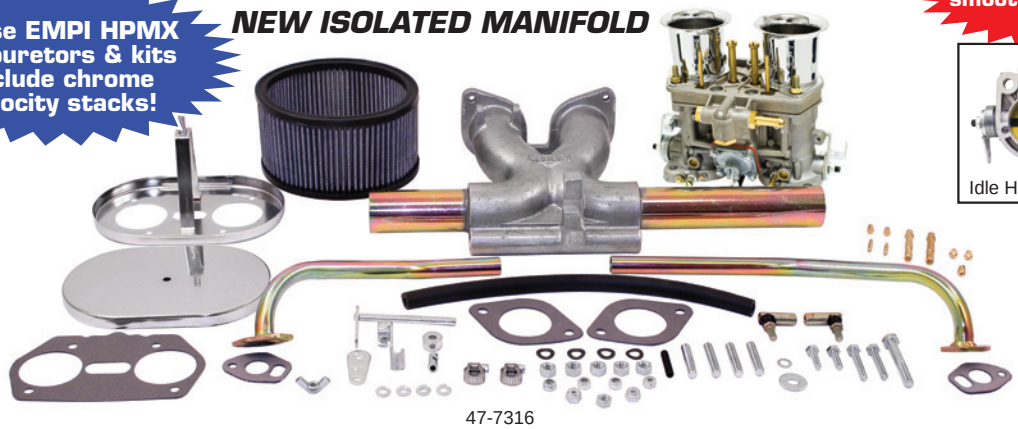
For those that choose ease of maintenance along with performance gains, the single 40/44 HPMX is the set-up of choice. For the basic 1600-1800cc, the 40 HPMX Kit is a torquey option. For all out performance, the way to go is the 44 HPMX. The 44 HPMX carbs in these kits have 30mm venturis and .55 accelerator pump jets installed. EMPI also has available a selection of jets if your application requires further "dialing in" (See pages 156-158). Both 40 HPMX and 44 HPMX Carbs have butterflies drilled for smooth idling. Complete kits feature Aluminum Center-Section Manifold, Aircraft Style Heim Joint Linkage, Chrome Air Cleaner with gauze element, gaskets and hardware. Complete with detailed illustrated instructions and attractive EMPI packaging. Fits Type 1 1600cc based upright engines. (Requires P/N: 3236 dual port end kit or P/N: 3237 single port end kit). See page 93 for additional specifications.

EMPI SINGLE HPMX TYPE 1 CARB. KITS WITH CHROME AIR CLEANER

Test Run and Adjusted for smooth performance

These EMPI HPMX carburetors & kits include chrome velocity stacks!

NEW ISOLATED MANIFOLD


47-7316

Idle Hole Drilled in Butterfly

1500-1600CC BASED UP-RIGHT ENGINES

47-7315 EMPI Single 40HPMX Kit

47-7316 EMPI Single 44HPMX Kit

47-1010-2
40HPMX Carburetor Only, w/ Chrome Velocity Stacks for Singles

47-1012-2
44HPMX Carburetor Only, w/ Chrome Velocity Stacks for Singles

DUAL EMPI HPMX CARBURETOR KITS FOR TYPE 2/4

Check out our TECH VIDEOS LOG ON TO EMPIUS.COM

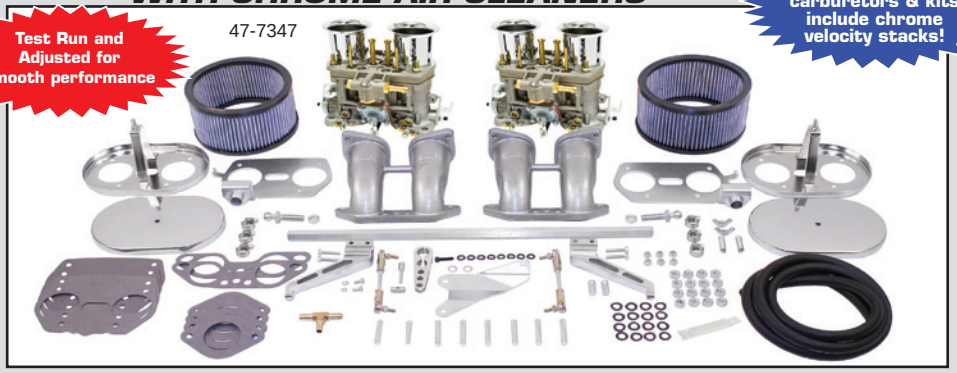
The same rules apply to 1700-2000cc pancake engines as they do to Type 1 engines. Install a set of EMPI HPMX, sit back, hang-on and enjoy the performance gains. All EMPI Type 2/4 kits feature all the same high quality hardware and components as our other standard Dual HPMX kits. Choose the size of carburetor that best fits your application. Comes complete with detailed installation instructions and EMPI packaging. All kits come with hardware for complete installation on Porsche 914's as well.

EMPI DUAL HPMX CARB. KITS FOR TYPE 2/4 WITH CHROME AIR CLEANERS

Test Run and Adjusted for smooth performance

These EMPI HPMX carburetors & kits include chrome velocity stacks!

47-7347



1700-2000CC TYPE 2/4 & 914 ENGINES

47-7347
EMPI Dual 40HPMX Kit

47-7295
EMPI Dual 44HPMX Kit

EMPI DUAL HPMX CARB. KITS FOR PORSCHE WITH CHROME AIR CLEANERS

Test Run and Adjusted for smooth performance

These EMPI HPMX carburetors & kits include chrome velocity stacks!

48-1291

PORSCHE 356/912 ENGINES

48-1291 EMPI Dual 40HPMX Kit

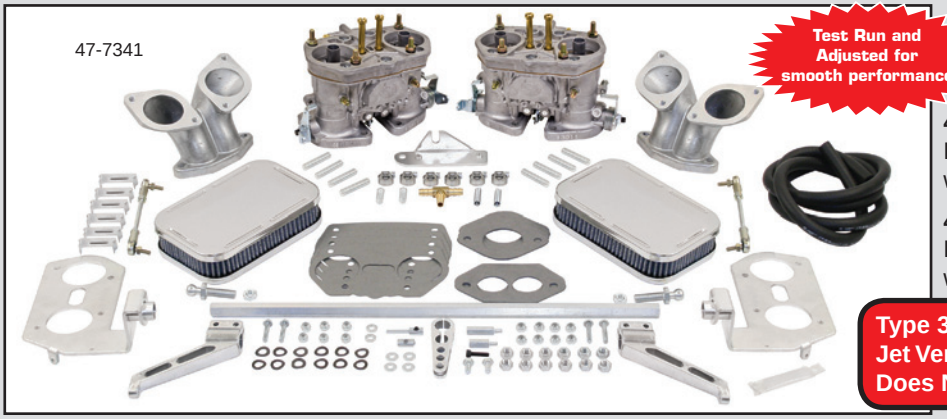
48-1292 EMPI Dual 44HPMX Kit

47-1010
40HPMX Carburetor Only, w/ Chrome Velocity Stacks for Duals

47-1012
44HPMX Carburetor Only, w/ Chrome Velocity Stacks for Duals

EMPI DUAL HPMX CARB. KITS FOR TYPE 3 WITH AIR CLEANERS

47-7341



Test Run and Adjusted for smooth performance

47-7341
EMPI Dual 40HPMX Kit, Type 3, w/ Short Air Cleaners

47-7342
EMPI Dual 44HPMX Kit, Type 3, w/ Short Air Cleaners

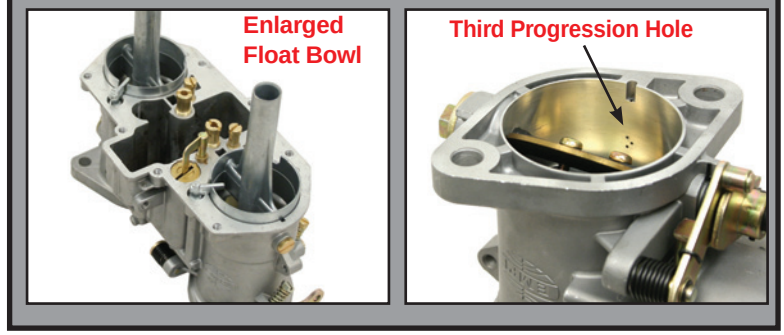
Type 3 Kits Do Not Come With Idle Jet Vent Tubes or Velocity Stacks. Does Not Fit Under Decklid.

INTAKE - CARB. KITS & COMPONENTS

Horsepower and the True Downdraft Carburetor have been synonymous for years. Now EMPI brings you its all new EPC 48 and EPC 51 Carburetors. The EPC 48's come with 37mm Venturis and the EPC 51's come with massive 48mm Venturis. Also, both come with a third progression hole for improved drivability and enlarged float bowl. Both sizes are equipped with spun aluminum velocity stacks, compatible with air cleaners. All parts are interchangable with the Weber 48 IDA.

[EMPI EPC 48/51]

***NEW**
All EPC 48's and 51's come with a 3rd progression hole and enlarged float bowl.



47-1048/47-1050

Test Run

See page 100-101 for application and kits

REPLACEMENT PARTS FOR EPC 48/51 CARBS (WILL ALSO FIT WEBER 48 IDA)

See page 156-158 for other components.

43-5343	EPC 48/51 3.0 Needle and Seat (To Replace 2.0)
43-5344	EPC 48/51 Stack Hold Down Screw and Washer
43-5345	EPC 48/51 Stack Hold Down Tab
43-5346	EPC 48/51 Fast Idle Screw and Spring
43-5347	EPC 48/51 Air Fuel Mixture Screw and Spring
43-5348	EPC 48/51 Main Jet Screen
43-5349	EPC 48/51 Top Gasket
43-5353	EPC 48/51 Auxiliary Venturi, 48mm
43-5355	Banjo Fitting w/ Press In 1/4" Barb
43-6973	EPC 48/51 Float Only

43-5344

43-5346

43-5343

43-5347

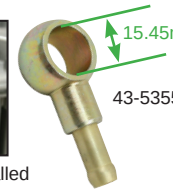
43-5349

43-5345

43-6973

43-5348

Banjo Fitting Installed



43-5355

43-5353

48/51 EPC/IDA SHORT MANIFOLDS

EMPI 48/51 EPC/IDA Short Manifolds allow extra clearance for use with air cleaners or velocity stacks. All kits include Intake and Carburetor Base Gaskets, Studs, Nuts, Spring Washers and Extended Nuts.

47-0631 48/51 EPC/IDA Short Manifolds, Pair
Allows 48/51 EPC/IDA carbs in a sedan with no or minimal cutting of your car, engine lid or velocity stacks. May not fit with all stock Doghouse fan shrouds.
Right and Left use the same Manifold

47-0631

47-0632 48/51 EPC/IDA Off-Set 'Sleeper' Manifolds, Pair
Allow Air Cleaners in a Type 1 with the Engine Lid Closed
Used in Street Sleeper kit

47-0632

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI DUAL 48/51 EPC STREET SLEEPER DUAL CARB KITS

Another Industry 1st…this EMPI Dual 48/51 EPC Kit features our special short manifolds, 48/51 EPC Carbs featuring 3 Progression Ports and an Enlarged Float Bowl, EMPI Billet Twist Linkage and a pair of Chrome Air Cleaners with Gauze Elements…**All that fits under a Stock Engine Lid without the need for Deck-Lid Stand-offs or a raised engine lid.**

The 'Cool' of running Dual 48s or 51s with excellent power and driveability **with** Air Cleaners! Dyno-Tested by **Head's Up Performance**. The carbs are baseline jetted for small (1600-1800cc) motors – and will require jetting to your specific application. Dual 48s or 51s for the street…doesn't get any better than this!

Complete kit includes Manifolds, Carburetors, Twist Linkage, Chrome Air Cleaners, installation hardware and gaskets.

47-0630 & 47-0635 Fit under a Stock Engine Lid

To assist you in establishing a baseline for custom jetting your carburetor, we have included the following components with each carburetor at no extra charge:

(2) .150 Main Jets (P/N 43-5309), (2) .190 Air Correction Jets (P/N 43-5419), (2) .65 Idle Jets (P/N 43-5541)

EMPI EPC 48's come with 37mm Venturis.
EMPI EPC 51's come with 48mm Venturis. Both feature a third Progression hole and enlarged Float Bowl for 11% more capacity.

47-0630	Dual 48EPC Street Sleeper Dual Carb Kit
47-0635	Dual 51EPC Street Sleeper Dual Carb Kit

47-0630

EMPI DUAL 48/51 EPC SHORT MANIFOLD DUAL CARB KITS

Dual 48/51EPC Carburetor Kits featuring Short Manifolds for installation in a Sedan with minimal or no cutting of your car, engine lid or velocity stacks. May not fit with all stock Doghouse fan shrouds. Right and left use the same manifold.

Complete kit includes Manifolds, Carburetors, Twist Linkage, Chrome Air Cleaners, installation hardware and gaskets.

47-0637

47-0636	Dual 48EPC Short Manifold Dual Carb Kit
47-0637	Dual 51EPC Short Manifold Dual Carb Kit

EMPI EPC 48/51 CARB KITS

Complete Kits ready for installation. These Carburetors are primarily used on High Performance Engines. Most installers will custom jet them to their exact application.

All Carbs Test Run

We supply these Carburetors with the following already installed:
.135 Main Jets
.70 Low Speed Jets
F7 Emulsion Tubes
.120 Air Correction Jets
2.0 Needle and Seat

To assist you in establishing a baseline for custom jetting your carburetor, we have included the following components with each carburetor at no extra charge:

(2) .150 Main Jets (P/N 43-5309), (2) .190 Air Correction Jets (P/N 43-5419), (2) .65 Idle Jets (P/N 43-5541)

EMPI EPC 48's come with 37mm Venturis.
EMPI EPC 51's come with 48mm Venturis. Both feature a third Progression hole and enlarged Float Bowl for 11% for more capacity.

EPC 48 CARB KITS W/ ROUND CHROME CROSS BAR LINKAGE

47-7328

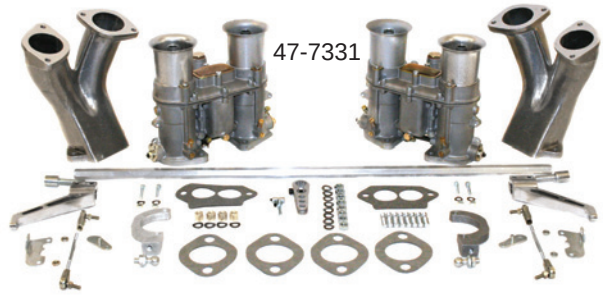
47-7328 EMPI Dual EPC-48, Type 1, w/ Standard Manifolds (Kit supplied with 43-5240 Linkage)

47-7329 EMPI Dual EPC-48, Type 1, w/ Race Manifolds (Kit supplied with 43-5240 Linkage)

47-1048 EMPI EPC-48 Carburetor Only w/ Enlarged Float Bowl, 3rd Progression Hole, Aluminum Velocity Stacks, and Jet Kit, Each

EPC 48 CARB KITS W/ HEX CROSS BAR LINKAGE

47-7331



47-7330 EMPI Dual EPC-48, Type 1, w/ Standard Manifolds (Kit supplied with 43-5242 Hex Bar Linkage)

47-7331 EMPI Dual EPC-48, Type 1, w/ Race Manifolds (Kit supplied with 43-5242 Hex Bar Linkage)

47-1048 EMPI EPC-48 Carburetor Only w/ Enlarged Float Bowl, 3rd Progression Hole, Aluminum Velocity Stacks, and Jet Kit, Each

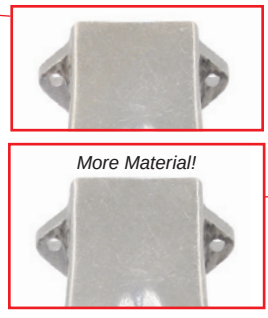
EPC 51 RACE CARB KIT W/ HEX CROSS BAR LINKAGE

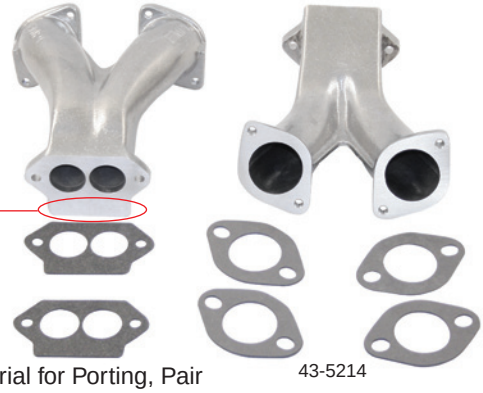
47-7429

47-7429 EMPI Dual EPC-51, Type 1, w/ Race Manifolds (Kit supplied with 43-5242 Hex Bar Linkage)

47-1050 EMPI EPC-51 Carburetor Only w/ Enlarged Float Bowl, 3rd Progression Hole, Aluminum Velocity Stacks, and Jet Kit, Each

43-5215





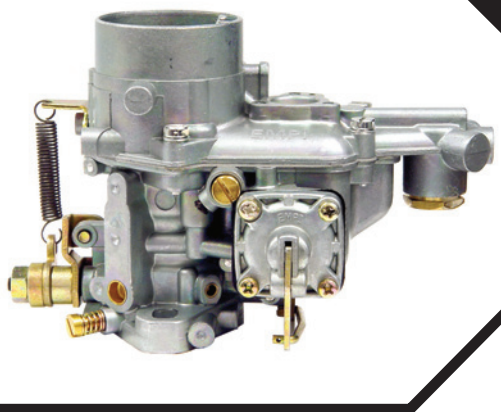
43-5214

43-5214 48/51EPC/IDA Tall Manifolds – Racing Style with Additional Material for Porting, Pair
43-5215 48/51EPC/IDA Tall Manifolds – Standard Style with Material for Porting, Pair

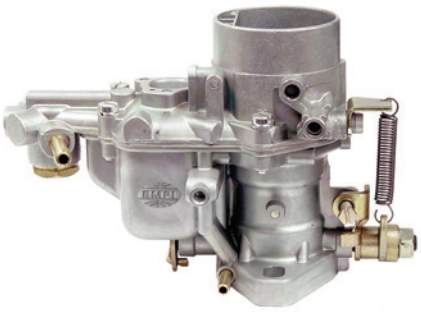
See page 99 for pictures of carbs.
See page 113 for Linkage and Manifolds seperately.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI EPC 34

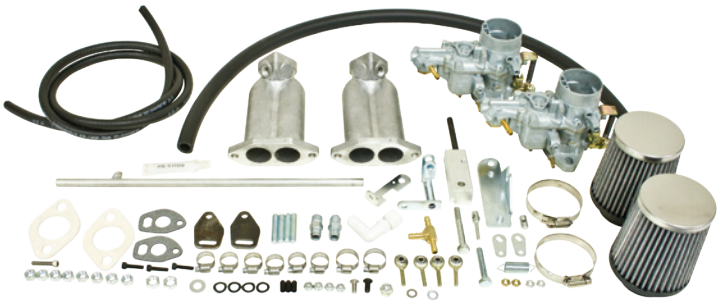


43-1016-1



EMPI EPC 34 Carbs are supplied with these jets installed:

1.75 Needle & Seat
.150 Main Jet
.55 Idle Jet
.175 Air Corrector Jet
F-6 Emulsion Tubes



47-7421

DELUXE DUAL 34 EPC KIT

Complete Deluxe Dual 34EPC Carb Kit featuring Tall Manifolds offering increased horsepower, improved idle and drivability and EMPI Twist-Pull Linkage. Includes a ½" X-Over tube that attaches with supplied fittings to the upper plenum section of the manifolds so that the vacuum is taken equally from the cylinders. The kit comes complete with EMPI 34EPC carburetors, manifolds, fittings and quality upgrade for any Type 1 Dual 34EPC/ICT carb system. Includes fuel hose and all necessary hardware and gaskets to complete the installation.

47-7421 Tall 34EPC/ICT Manifold Kit, Type 1 1300-1600 Dual Port

Kit

Manifolds

DUAL 34 EPC/ICT TALL MANIFOLD KIT

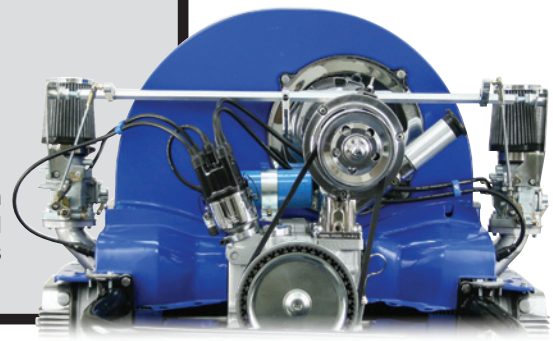
These Tall Manifolds offer increased horsepower, improved idle and drivability for your Dual 34 EPC/ICT carburetors. They feature a ½" X-Over tube that attaches with supplied fittings to the upper plenum section of the manifolds so that the vacuum is taken equally from the cylinders. The kit comes complete with manifolds, fittings and quality fuel hose to complete the installation. A perfect upgrade for any Type 1 Dual 34EPC/ICT carb system. Requires the use of Twist-Pull Linkage.

43-5216 Tall 34EPC/ICT Manifold Kit, Type 1 1300-1600 Dual Port

EMPI VW DUAL EPC 34 CARB KITS FOR TYPE 1, 2, 3 & 4

If improving performance without sacrificing fuel economy is your desire, then the EMPI EPC 34 Dual Kits are the way to go. All Kits feature:

Aluminum Alloy Hex Bar with Steel Ball Ends **- Sealed Aircraft Heim Rod Ends -** High Flow Aluminum Intake Manifolds **-Thick High Strength Steel Linkage Mounts -** Gauze High Flow Air Cleaner Assemblies **- Coil Relocation Mount -** Brass Fuel Tee **-Detailed and Illustrated Instructions -** Attractive EMPI Packaging (See page 102 for additional specifications).



EMPI DUAL EPC 34 FOR TYPE 1

We supply these Carburetors with the following already installed:
On any engine over 1776cc, you will need to re-jet these carburetors.

1.75 Needle and Seat
.150 Main Jet
.55 Idle Jet
.175 Air Correction Jet
F-6 Emulsion Tubes

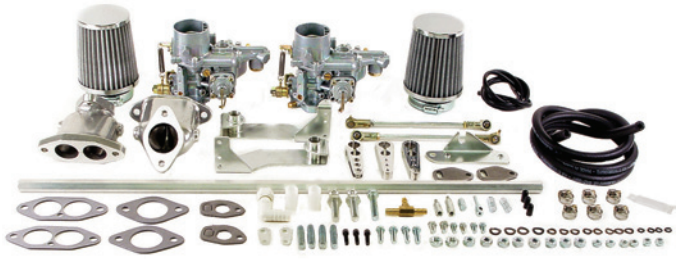
47-7401

1500-1600cc Up-Right Based Engines

47-7401 EMPI Dual EPC 34 Kit, Type 1 Single Port w/Air Cleaners

47-7411 EMPI Dual EPC 34 Kit, Type 1 Dual Port w/Air Cleaners

43-1016-1 EMPI EPC 34 Carb. Only, Each



47-7411

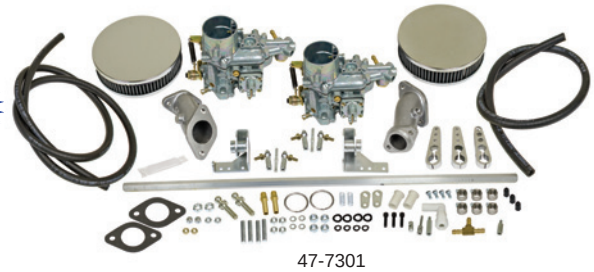
EMPI DUAL EPC 34 FOR TYPE 3 ENGINES

47-7301 EMPI Dual EPC 34 Kit, Type 3 Single Port w/Air Cleaners

47-7311 EMPI Dual EPC 34 Kit, Type 3 Dual Port w/Air Cleaners

43-1016-1 EMPI 34 Carb. Only, Each

Fits Under the Deck Lid



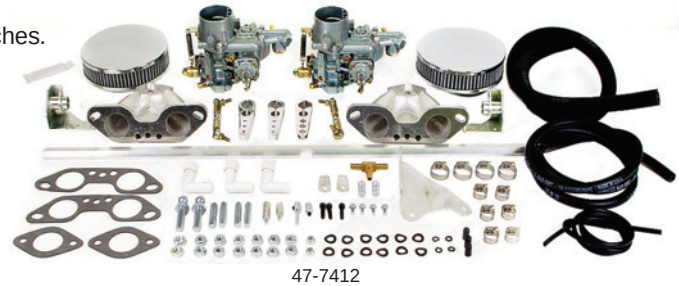
47-7301

EMPI DUAL EPC 34 FOR TYPE 2/4, 914 ENGINES

Distance from Base of Intake Manifold to Top of Air Cleaner is 9 inches.
Supplied with spare jets.

47-7412 EMPI Dual EPC 34 Kit, 1700-2000cc Type 2/4 & 914 Engines w/Air Cleaners

43-1016-1 EMPI EPC 34 Carb. Only, Each

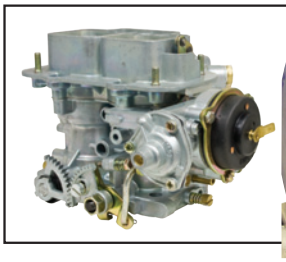


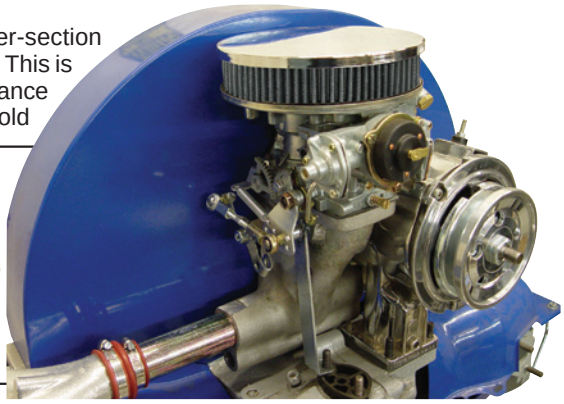
47-7412

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI 38EGAS SINGLE CARBURETOR KIT

A synchronous 38mm, 2-Barrel carburetor perched on an isolated center-section aluminum manifold featuring a true Pre-Heat System and an Electric Choke. This is a perfect intake system for street or off-road offering excellent power, performance and drivability. The kit includes an EMPI 38EPC Carburetor, Intake Manifold with pre-heater tubes, Chrome Air Cleaner with gauze element, linkage, gaskets, hardware and instructions.





47-0628

Base line jetted for 1600cc.
Must use Electric Fuel Pump.

Factory Jetting:

45 Idle
145 Main
170 Air
F50 E Tube
67 Pump

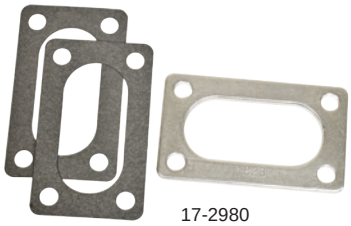
47-0628

47-0628	EMPI 38EGAS Single Carburetor Kit, Type 1 1300-1600
47-0640	EMPI 38EGAS Single Carburetor Kit, Type 3
47-0645	EMPI 38EGAS Single Carburetor Kit, Type 2 & 4 1700-2000
47-0628-7	EMPI 38EGAS Carb Only

Check out our TECH VIDEOS LOG ON TO EMPIUS.COM

47-0645

47-0640



17-2980

LOW PROFILE CHROME AIR CLEANER

Featuring 1 3/4" High Gauze filter element. Fits EMPI 38EGAS, Weber DGV, DGAV and DGEV carburetors.

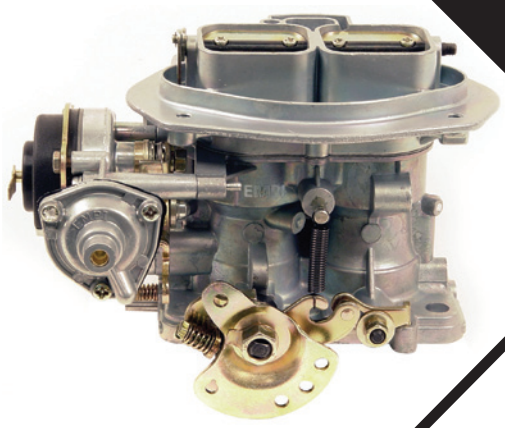
17-2981 6 3/8" Low Profile Chrome Air Cleaner
(Replacement Air Cleaner for 47-0628, 47-0640 & 47-0645 Kits)

CARBURETOR SPACER FOR EPC/DFV/DGV

This die-cast aluminum plenum-style Spacer will add 5.5mm between your carb and manifold to help solve clearance issues for larger Alternators and/or other issues. Use with all EPC, DFV and DGV progressive and synchronous carburetors. Comes with 2 Plenum-cut Gaskets for installation.

17-2980 Carburetor Spacer for EPC/DFV/DGV, 5.5mm, Set w/Gaskets

[EMPI EPC 32/36F]



44-1018-1

EMPI EPC 32/36 Carbs are supplied with these jets installed:

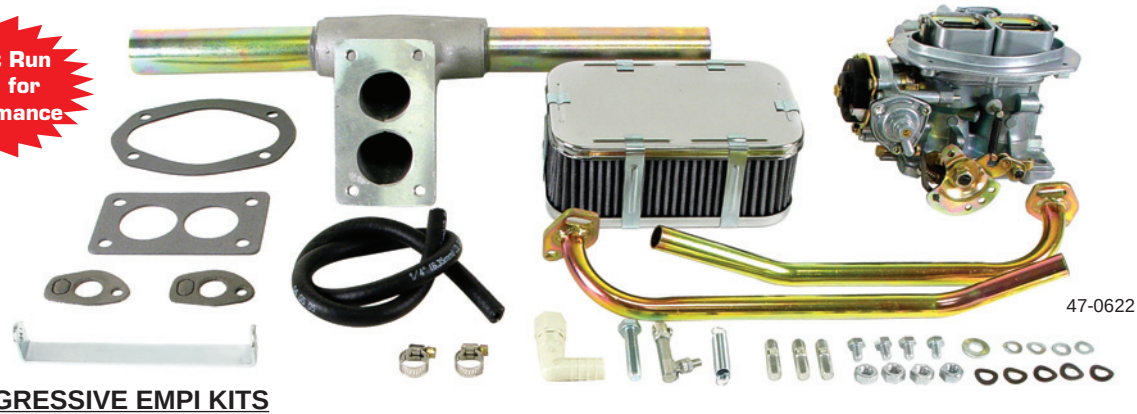
Auxiliary Venturi:	3.4	Primary Idle Jet:	.060
Needle Valve:	2.00	Secondary Idle Jet:	.050
Accel Pump Jet:	.55	Primary Air Jet:	1.65
Primary Main Jet:	1.37	Secondary Air Jet:	1.60
Secondary Main Jet:	1.40	Primary Emulsion Tube:	F-66
		Secondary Emulsion Tube:	F-50

EMPI EPC 32/36F PROGRESSIVE CARB KITS

Accelerate with 2-Barrel Performance...Cruise with 1-Barrel economy! Complete kits feature EMPI EPC 32/36F Carburetor with Electric Choke, Manifold, Chrome Air Cleaner with Gauze Element, Fuel Line, Hardware and Uni-Link Linkage kit.

Test Run and Adjusted for smooth performance

All Carbs Test Run and Adjusted for smooth performance



47-0622

TYPE 1& 2 PROGRESSIVE EMPI KITS

Isolated-Style Manifold for use with Dual or Single-Port End Castings. Fits Type 1 & 2 Upright Engine applications (See page 161 for End Castings). Jetted for Type 1 application.

47-0622 EMPI Progressive EPC 32/36F Kit w/Air Cleaner

44-1018-1 EMPI EPC 32/36F Carb. Only, Type 1 & 2

MANIFOLDS & REPLACEMENT PARTS

These EMPI manifolds can be used with EMPI EPC 32/36F carbs, WEBER DFEV-DFAV carbs as well as Holley 5200 Series carbs.

3232 Progressive Manifold Kit w/Tubes & Bracket, Isolated, Type 1 & 2, w/Hardware

3232-7 Replacement Tubes & Brackets Only-for P/N: 3232, Bulk

3232

3232-7

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI EPC 32/36F PROGRESSIVE CARB KITS

Accelerate with 2-Barrel Performance...Cruise with 1-Barrel economy! Complete kits feature EMPI EPC 32/36F Carburetor with Electric Choke, Manifold, Chrome Air Cleaner with Gauze Element, Fuel Line, Hardware and Uni-Link Linkage kit **(See page 105 for additional specifications)**.

47-0634

TYPE 3 PROGRESSIVE EMPI KITS

Complete kit includes Deck Lid Bubble which is necessary to provide proper carburetor clearance. Requires cutting engine cover. Supplied with a jet package.

47-0634 EMPI Progressive EPC 32/36F Kit w/Air Cleaner

47-0634-7 EMPI EPC 32/36F Carb. Only

43-2125 Replacement Deck Lid Bubble (Pictured in Kit)

47-0670

These Jets provided for custom tuning T-3 and T-4 applications:

1 - 1.70 Air Jet
1 - 1.80 Air Jet
1 - .045 Idle Jet
2 - F-6 Emulsion Tubes

1700-2000CC PROGRESSIVE EMPI KITS

Complete kit for installation on 1700, 1800 or 2000cc Type 2 & 4 engines. Fits both 3 & 4-Bolt Heads. Supplied with a jet package.

47-0800

47-0670 EMPI Progressive EPC 32/36F Kit w/Air Cleaner

47-0670-7 EMPI EPC 32/36F Carb. Only

RABBIT/SCIROCCO PROGRESSIVE EMPI KITS

Complete kit comes with Carb. and Air Filter Adapter. For use with stock air cleaner. Supplied with a jet package.

47-0800 EMPI Progressive EPC 32/36F Kit

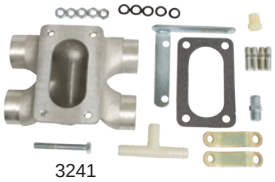
47-0800-7 EMPI EPC 32/36F Carb., Rabbit/Scirocco

3244

3242

MANIFOLDS & REPLACEMENT PARTS

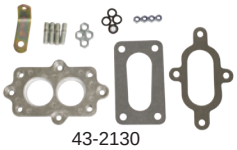
These EMPI manifolds can be used with EMPI EPC 32/36F carbs, WEBER DFEV- DFAV carbs as well as Holley 5200 Series carbs.

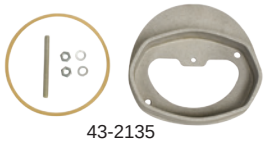

3241

43-0620

3241 Progressive Manifold Kit, Type 3 & 4, w/Hardware
3242 Manifold Runner Kit, Type 3, w/Hardware, Pair
3244 Manifold Runner Kit, Type 4, w/Hardware, Pair

43-0620 Replacement Electric Choke Element for EPC 32/36F, DFV/DFEV/DFAV


43-2130


43-2135

43-2130 Replacement Carb. Adapter Kit, Rabbit/Scirocco, w/Hardware

43-2135 Replacement Air Filter Adapter Kit, Rabbit/Scirocco, w/Hardware

EMPI BRAND CARBURETORS / ALL CARBS TEST RUN

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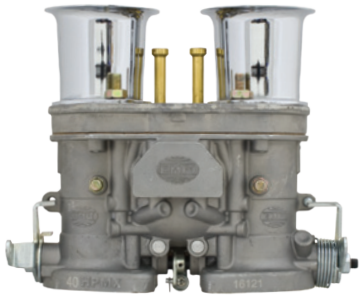

47-1010 (40 HPMX)

47-1012 (44 HPMX)

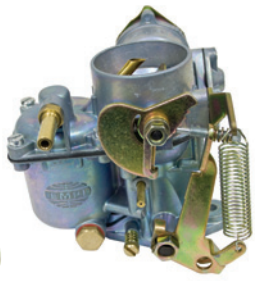
47-1048-0 (EPC 48)

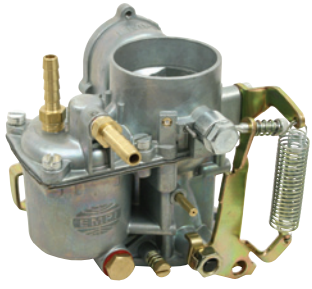
47-1050-0 (EPC 51)

44-1036 (EMPI D 36) NEW!

44-1040 (EMPI D 40) NEW!

44-1045 (EMPI D 45) NEW!


98-1288-B (30 PICT-1)


98-1287-B (Modified 30 PICT-1) Off-Road Only

98-1289-B (34 PICT-3)

43-4427 (40K) NEW!

47-1010		EMPI 40 HPMX Carb Only, w/Chrome Velocity Stacks for Dual Carb Set-Ups
47-1010-2		EMPI 40 HPMX Carb Only, w/Chrome Velocity Stacks for Single Carb Set-Ups
47-1012		EMPI 44 HPMX Carb Only, w/Chrome Velocity Stacks for Dual Carb Set-Ups
47-1012-2		EMPI 44 HPMX Carb Only, w/Chrome Velocity Stacks for Single Carb Set-Ups
47-1048		EMPI EPC 48 Carb Only, w/ Aluminum Velocity Stacks, w/ Enlarged Float Bowl and 3rd Progression Holes
47-1050		EMPI EPC 51 Carb Only, w/ Aluminum Velocity Stacks, w/ Enlarged Float Bowl and 3rd Progression Holes
44-1036	NEW!	EMPI D 36mm Carb Only, w/Chrome Velocity Stacks for Dual Carb Set-Ups
44-1040	NEW!	EMPI D 40mm Carb Only, w/Chrome Velocity Stacks for Dual Carb Set-Ups
44-1040-2	NEW!	EMPI D 40mm Carb Only, w/Chrome Velocity Stacks for Single Carb Set-Ups
44-1045	NEW!	EMPI D 44mm Carb Only, w/Chrome Velocity Stacks for Dual Carb Set-Ups
44-1045-2	NEW!	EMPI D 44mm Carb Only, w/Chrome Velocity Stacks for Single Carb Set-Ups
98-1288-B		EMPI 30 PICT-1 Carb Only, Gasket and Studs included **(Score Approved)**
98-1289-B		EMPI 34 PICT-3 Carb Only, Gasket and Studs included
98-1287-B		EMPI 30 PICT-1 Modified Carb Only, Gasket and Studs included **(Score Approved) Off-Road Only**
43-4427	NEW!	EMPI 40K 40mm Left Carb Only
43-4428	NEW!	EMPI 40K 40mm Right Carb Only

All Carbs Test Run

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI BRAND CARBURETORS / ALL CARBS TEST RUN

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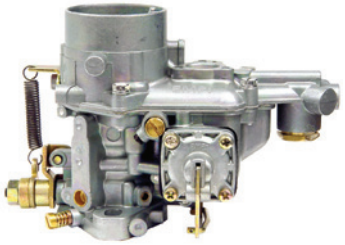
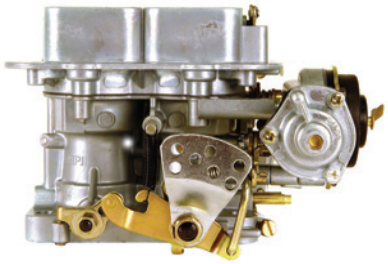
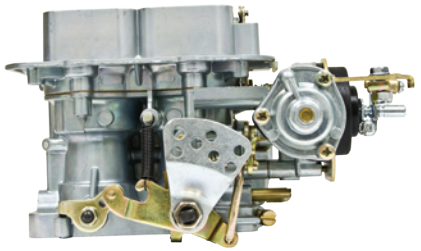
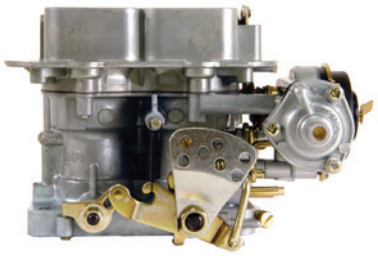
44-1018-1 (EPC 32/36F)

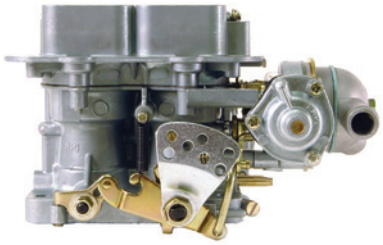

43-1016-1 (EPC 34)

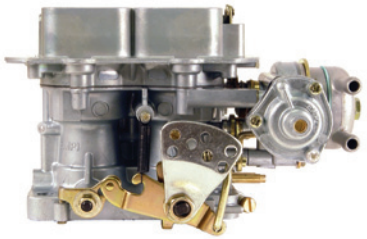
44-1001-1(EPC 34X)

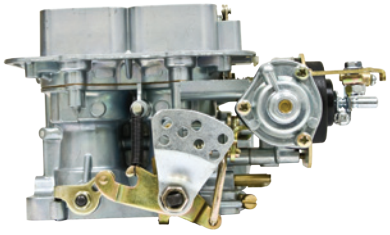

44-1551-1 (EPC 32/36E)

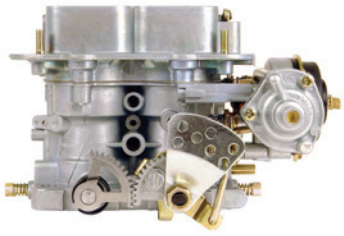

44-1551-2 (EPC 32/36M)

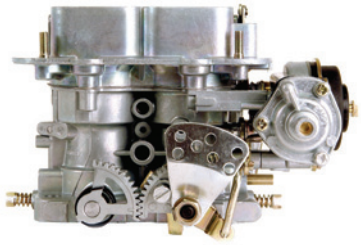

44-1017-1 (EPC 32/36E)

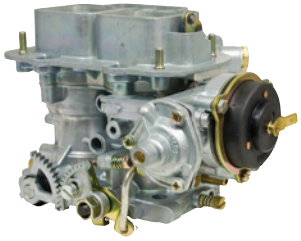

44-1017-2 (EPC 32/36A)


44-1017-3 (EPC 32/36A)


44-1017-4 (EPC 32/36M)

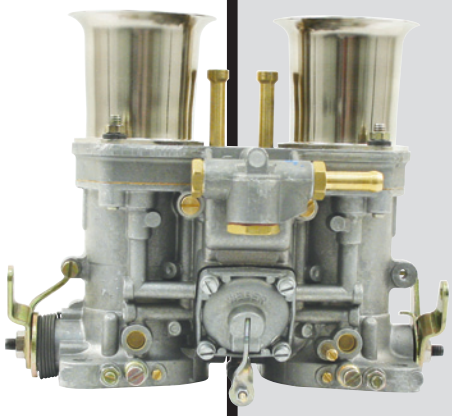

44-1005-1 (EPC 38E)


44-1006-1 (EPC 38E)


47-0628-7 (38EGAS

All Carbs Test Run

44-1018-1	EMPI EPC 32/36F Progressive Carb Only, w/Electric Choke (Setup for V.W.)
43-1016-1	EMPI EPC 34 Carb Only
44-1001-1	EMPI EPC 34X Carb Only, 1 Barrel Replacement
44-1551-1	EMPI EPC 32/36E Carb Only, w/Electric Choke (Float Bowl Vent)
44-1551-2	EMPI EPC 32/36M Carb Only, w/Manual Choke (Float Bowl Vent)
44-1017-1	EMPI EPC 32/36E Carb Only, w/Electric Choke
44-1017-2	EMPI EPC 32/36A Carb Only, w/Water Choke (Toyota Design)
44-1017-3	EMPI EPC 32/36A Carb Only, w/Water Choke (Suzuki Design)
44-1017-4	EMPI EPC 32/36M Carb Only, w/Manual Choke
44-1005-1	EMPI EPC 38E Carb Only, w/Electric Choke
44-1006-1	EMPI EPC 38E Carb Only, w/Electric Choke (Float Bowl Vent)
47-0628-7	EMPI EPC 38E Carb Only, w/Electric Choke (Set Up for VW)



43-1012
(44 IDF)

EMPI VW WEBER IDF CARB KITS - TYPE 1

Performance, reliability and race proven for decades. WEBER Carbs offer ultimate engine tuning with total air and fuel metering and adjustment. The IDF-XE Plus series IDF's have separate idle and main circuits featuring changeable air and fuel jets. Intake air is metered by changeable venturies and accelerator pump is adjustable for maximum acceleration. Jets, gaskets and repair parts are readily available world wide. All our kits are pre-jetted for VW engines. Choose the appropriate size carburetor for your application. When future engine modification is planned, size-up now! Basic rule of thumb...

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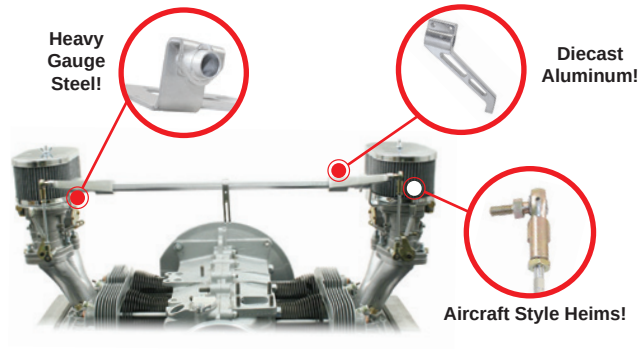
- **40mm Carbs. for engines up to 1800cc***
- **44mm Carbs. for engines up to 2200cc**

***40 IDF carbs DO NOT come with velocity stacks. 44 IDF carbs come with velocity stacks.**

EMPI DUAL WEBER IDF HEXBAR CARBURETOR KITS

The EMPI WEBER Hex Bar IDF Carburetor Kits have many of the features of our Deluxe WEBER Kits. All Kit features:

Aluminum Alloy Hex Bar with Steel Ball Ends **- Sealed Aircraft Heim Rod Ends -** Offset Aluminum Intake Manifolds **-Thick High Strength Steel Linkage Mounts -** Chrome Air Filters with High Flow Gauze Elements **- Coil Relocation Mount -** Brass Fuel Tee **-Detailed and Illustrated Instructions -** Attractive EMPI Packaging.



DUAL WEBER IDF CARBURETOR KITS WITH AIR CLEANERS

1500-1600cc Based Up-Right Engines

43-7317* EMPI Dual 40 IDF Carb. Kit w/Air Cleaners
43-7319 EMPI Dual 44 IDF Carb. Kit w/Air Cleaners
***40 IDF carbs DO NOT come with velocity stacks.**

43-7319

DUAL WEBER IDF CARBURETOR KITS WITHOUT AIR CLEANERS

1500-1600cc Based Up-Right Engines

43-6317* EMPI Dual 40 IDF Kit w/o Air Cleaners
43-6319 EMPI Dual 44 IDF Kit w/o Air Cleaners
***40 IDF carbs DO NOT come with velocity stacks.**

43-6319

WEBER CARBURETOR ONLY

43-1010* 40 IDF Carburetor Only
43-1012 44 IDF Carburetor Only
***40 IDF carbs DO NOT come with velocity stacks.**

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI VW DELUXE WEBER IDF CARB KITS - TYPE 1

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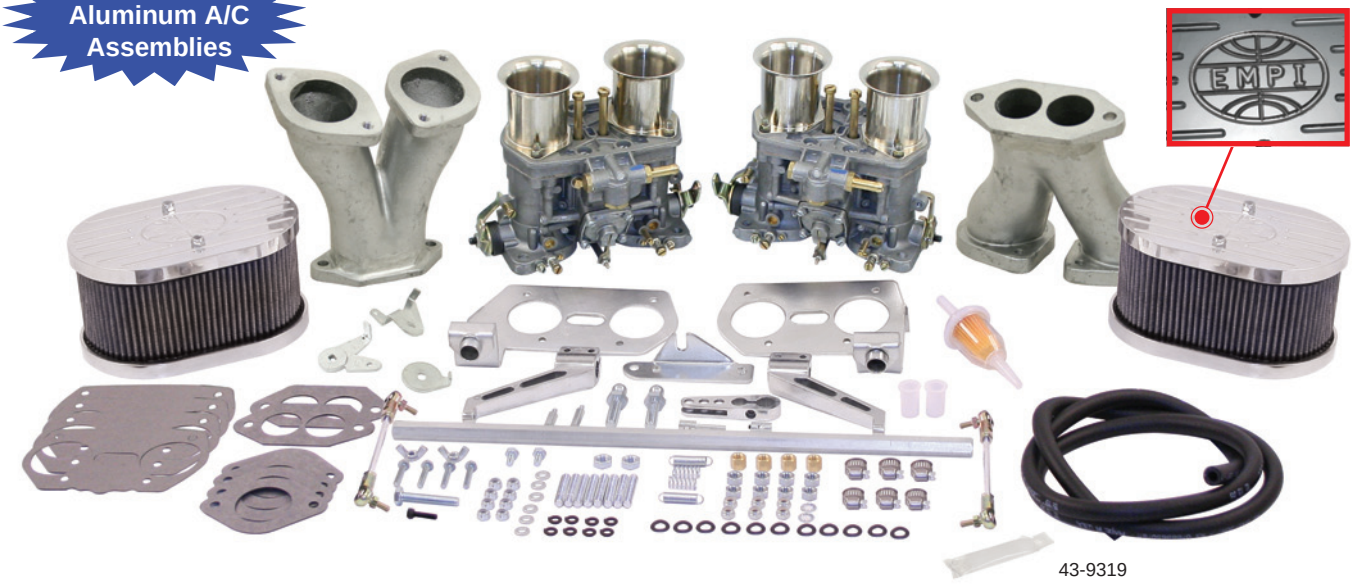
EMPI's Deluxe WEBER Carburetor kits are the finest available. We have re-engineered them to offer many outstanding features not found in other kits. Features include:

Aluminum Alloy Hex Bar with Steel Ball Ends **- Sealed Aircraft Heim Joint Rod Ends -** Ball Burnished/Polished Offset Aluminum Intake Manifolds **-** Thick High Strength Steel Linkage Mounts **- Solid Aluminum Base/Top Air Cleaner Assemblies -** High Flow Gauze Elements **- Coil Relocation Mount -** Brass Fuel Tee **- Fuel Filter -** Brass Manifold Nuts **- Detailed Illustrated Instructions -** Attractive EMPI Packaging.

Billet 6061 T-6 Aluminum A/C Assemblies



43-9319

***40 IDF carbs DO NOT come with velocity stacks.**
44 IDF carbs come with velocity stacks.

DELUXE DUAL WEBER IDF CARBURETOR KITS WITH BILLET ALUMINUM AIR CLEANER ASSEMBLIES

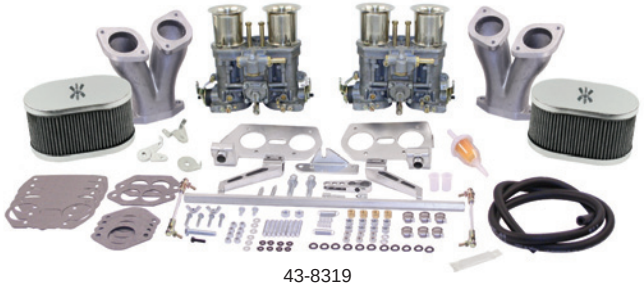
1500-1600cc Up-Right Based Engines

43-9317*	EMPI Deluxe Dual 40 IDF Carb. Kit
43-9319	EMPI Deluxe Dual 44 IDF Carb. Kit

***40 IDF carbs DO NOT come with velocity stacks.**

DELUXE DUAL WEBER IDF CARBURETOR KITS WITH CHROME STEEL AIR CLEANER ASSEMBLIES

1500-1600cc Up-Right Based Engines



43-8319

43-8317*	EMPI Deluxe Dual 40 IDF Carb. Kit
43-8319	EMPI Deluxe Dual 44 IDF Carb. Kit

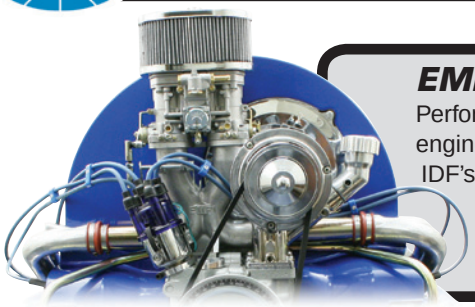
***40 IDF carbs DO NOT come with velocity stacks.**

WEBER CARBURETOR ONLY

43-1010*	40 IDF Carburetor Only
43-1012	44 IDF Carburetor Only

***40 IDF carbs DO NOT come with velocity stacks.**

INTAKE - CARB. KITS & COMPONENTS

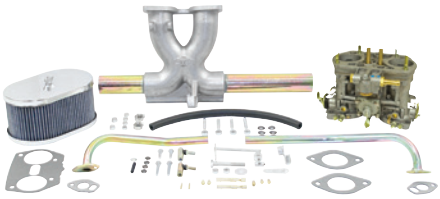


EMPI VW WEBER IDF CARB KITS - TYPE 1, 2, 3 & 4

Performance, reliability and race proven for decades. WEBER Carbs. offer ultimate engine tuning with total air and fuel metering and adjustment. The IDF-XE Plus series IDF's have separate idle and main circuits featuring changeable air and fuel jets. Intake air is metered by changeable venturies and accelerator pump is adjustable for maximum acceleration. Jets, gaskets and repair parts are readily available world wide. All our kits are pre-jetted for VW engines.

SINGLE WEBER IDF TYPE 1 CARB. KITS WITH AIR CLEANER

For those that choose ease of maintenance along with performance gains, the single 40/44 IDF is the set-up of choice. For the basic 1600-1800cc, the 40 IDF Kit is a torquey option. For all out performance, the way to go is the 44 IDF. Both carb. kits come with an assortment of jets to tune your carburetor. EMPI also has available a selection of jets if your application requires further "dialing in". Complete kits feature Aluminum Center-Section Manifold, Aircraft Style Heim Joint Linkage, Chrome Air Cleaner with gauze element, gaskets and hardware. Complete with detailed illustrated instructions and attractive EMPI packaging. Fits Type 1 1600cc based upright engines.
(Requires P/N: 3236 dual port end kit or P/N: 3237 single port end kit).



43-7315 (Type 1)

1500-1600cc Based Up-Right Engines (NEW ISOLATED MANIFOLD)

43-7315* EMPI Single 40 IDF Kit w/Air Cleaner
43-7316 EMPI Single 44 IDF Kit w/Air Cleaner
***40 IDF carbs DO NOT come with velocity stacks.**

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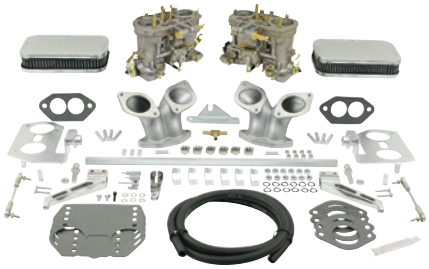
43-1010* 40 IDF Carb. Only, Each (Additional Jetting Required, Inquire)
43-1012 44 IDF Carb. Only, Each (Additional Jetting Required, Inquire)
***40 IDF carbs DO NOT come with velocity stacks.**



43-7341 (Type 3)

DUAL WEBER IDF TYPE 3 CARB. KITS

DOES NOT FIT UNDER DECKLID

43-7341* EMPI Dual 40 IDF Kit w/Air Cleaners
43-7342 EMPI Dual 44 IDF Kit w/Air Cleaners
***40 IDF carbs DO NOT come with velocity stacks.**

DUAL WEBER IDF CARBURETOR KITS FOR TYPE 2/4

The same rules apply to 1700-2000cc pancake engines as they do to Type 1 engines. Install a set of IDF WEBERS, sit back, hang-on and enjoy the performance gains. All EMPI Type 2/4 kits feature all the same high quality hardware and components as our other standard Dual IDF kits. Choose the size of carburetor that best fits your application. Comes complete with detailed installation instructions and EMPI packaging. All kits come with hardware for complete installation on Porsche 914's as well.

43-7295 (Type 2/4)

1700-2000cc Type 2/4 & 914 Engines

43-7347* EMPI Dual 40 IDF Carb. Kit for 1700-1800cc w/Air Cleaners
43-7295 EMPI Dual 44 IDF Carb. Kit for 2000cc w/Air Cleaners
***40 IDF carbs DO NOT come with velocity stacks.**

DUAL WEBER IDF CARB. KIT FOR PORSCHE 356/912 ENGINE

44-1291* Dual 40 IDF Carb. Kit for Porsche 356/912
44-1292 Dual 44 IDF Carb. Kit for Porsche 356/912
***40 IDF carbs DO NOT come with velocity stacks.**

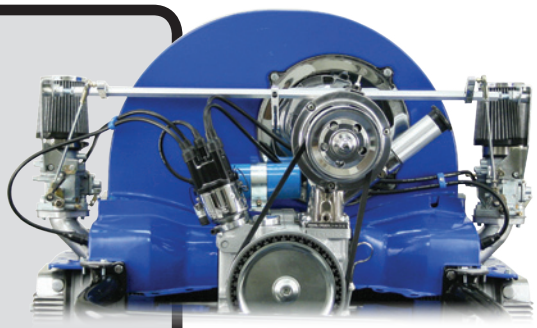
44-1292 (Porsche)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI VW DUAL WEBER ICT CARB KITS - TYPE 1, 2, 3 & 4

If improving performance without sacrificing fuel economy is your desire, then the EMPI WEBER Dual 34 ICT Kits are the way to go. All Kits feature:

Aluminum Alloy Hex Bar with Steel Ball Ends **- Sealed Aircraft Heim Rod Ends -** High Flow Aluminum Intake Manifolds **-Thick High Strength Steel Linkage Mounts -** Gauze High Flow Air Cleaner Assemblies **- Coil Relocation Mount -** Brass Fuel Tee **-Detailed and Illustrated Instructions -** Attractive EMPI Packaging.



EMPI DUAL WEBER 34 ICT

We supply these Carburetors with the following already installed:
On any engine over 1776cc, you will need to re-jet these carburetors.

1.75 Needle and Seat
.130 Main Jet
.52 Idle Jet
.160 Air Correction Jet
F-7 Emulsion Tubes

43-7401

43-7411

Fits Under the Deck Lid

43-7311

43-7412

DUAL WEBER 34 ICT FOR TYPE 1

1500-1600cc Up-Right Based Engines

43-7401	EMPI Dual WEBER 34 ICT Kit, Type 1 Single Port w/Air Cleaners
43-7411	EMPI Dual WEBER 34 ICT Kit, Type 1 Dual Port w/Air Cleaners
43-1016	34 ICT Carb. Only, Each

DUAL WEBER 34 ICT FOR TYPE 3 ENGINES

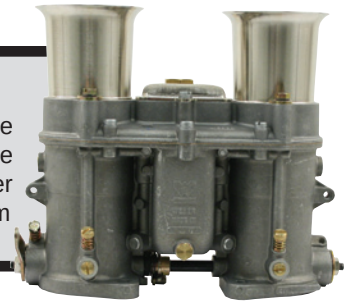
43-7301	EMPI Dual WEBER 34 ICT Kit, Type 3 Single Port w/Air Cleaners
43-7311	EMPI Dual WEBER 34 ICT Kit, Type 3 Dual Port w/Air Cleaners
43-1016	34 ICT Carb. Only, Each

DUAL WEBER 34 ICT FOR TYPE 2/4, 914 ENGINES

43-7412	EMPI Dual WEBER 34 ICT Kit, 1700-2000cc Type 2/4 & 914 Engines w/Air Cleaners
43-1016	34 ICT Carb. Only, Each

EMPI VW WEBER 48 IDA CARB KITS

EMPI has been instrumental in the re-introduction of the ever popular WEBER 48IDA. These are the latest production version model # 48IDA 4R. They are the 2-hole bypass style and come right out of the box with 37mm Venturi's and jet screens already installed. If all-out horsepower is your main concern, EMPI 48IDA's are the best WEBER available for the job. Choose from kits, carburetors only or components, EMPI has them all available.



DUAL 48 IDA KITS FOR TYPE 1

All EMPI dual 48IDA kits come with competition cross-bar linkage. All our kits are supplied with both the aluminum crossbar mounts at the velocity stacks and steel mounts which allow for air cleaner use. "Standard" intake manifolds are clearanced for the area around the upper intake port at head and sheetmetal to limit modifications for installation, but still allowing for match porting with no additional welding required. **The "Race" intake manifolds are for all-out racing head use with more material provided at upper intake port area, so the manifold can be match ported to even the most extensively modified head.** Both manifolds have the same basic "Stock" port design at the base of the manifold so they can be precisely match ported to your particular port shape. (Kits are not supplied with air cleaners). **(Air cleaners can be seen on page 127)**.

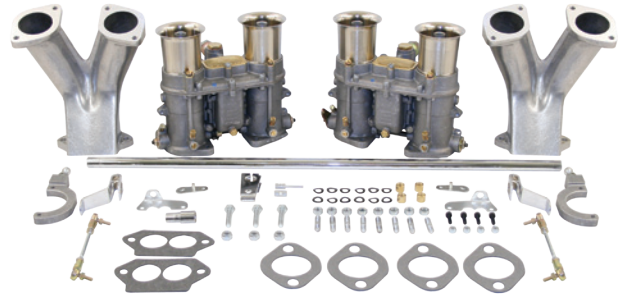
43-7328 Dual 48 IDA, Type 1, w/Std. Manifolds
(Kit supplied with 43-5240 Linkage)

43-7329 Dual 48 IDA, Type 1, w/Race Manifolds
(Kit supplied with 43-5240 Linkage)

43-7332 Dual 48 IDA, Type 1, w/Std. Manifold,
(Kit supplied with 43-5242 Hex Bar Linkage)

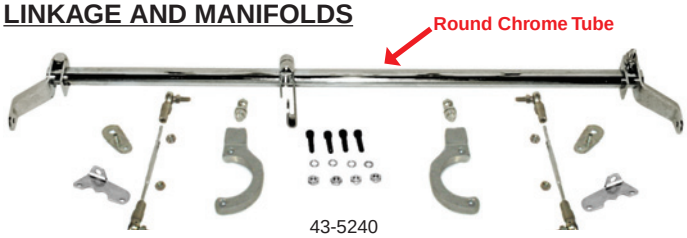
43-7333 Dual 48 IDA, Type 1, w/Race Manifold,
(Kit supplied with 43-5242 Hex Bar Linkage)

43-1048 48 IDA Carburetor Only, Each



43-7329

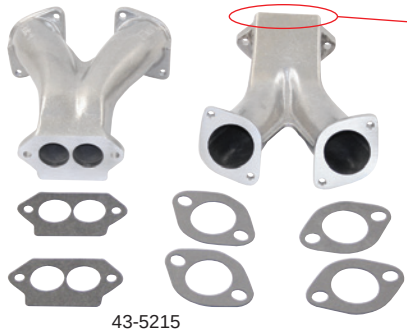
LINKAGE AND MANIFOLDS



43-5240

43-5242

43-5240 EMPI EPC 48/51 and Weber 48 IDA Linkage Kit (Works with and without Air Cleaners)
43-5242 EMPI EPC 48/51 and Weber 48 IDA Hex Bar Linkage Kit (Works with and without Air Cleaners)



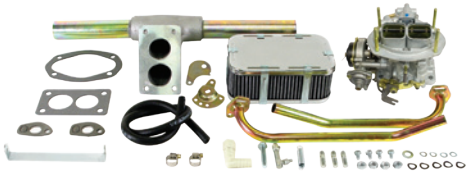
43-5215

43-5214

43-5214 EMPI EPC 48/51 and Weber 48 IDA Racing Manifolds, Pair
43-5215 EMPI EPC 48/51 and Weber 48 IDA Std. Manifolds, Pair

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

Progressive Weber Carb Kits are supplied with these jets installed:	
Auxiliary Venturi:	3.5
Needle Valve:	2.00
Accel Pump Jet:	0.55
Primary Main Jet:	1.37
Secondary Main Jet:	1.40
Primary Idle Jet:	0.50
Secondary Idle Jet:	0.50
Primary Air Jet:	1.65
Secondary Air Jet:	1.60
Primary Emulsion Tube:	F66
Secondary Emulsion Tube:	F50



43-0622

43-0634

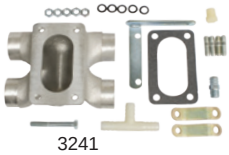
43-0670

43-0800

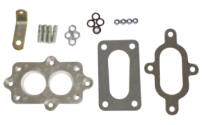
3232

3244

3242



3241



43-2130

PROGRESSIVE WEBER CARB KITS

Accelerate with 2-Barrel Performance...Cruise with 1-Barrel economy! Complete kits feature WEBER Carburetor with Electric Choke, Manifold, Chrome Air Cleaner with Gauze Element, Fuel Line, Hardware and Uni-Link Linkage kit.

TYPE 1& 2 PROGRESSIVE WEBER KITS

Isolated-Style Manifold for use with Dual or Single-Port End Castings.
Fits Type 1 & 2 Upright Engine applications. Jetted for Type 1 application.
(See page 161 for End Castings)

43-0622 EMPI Deluxe Progressive WEBER Kit w/Air Cleaner

43-0622-7 WEBER DFEV Carb. Only, Type 1 & 2

TYPE 3 PROGRESSIVE WEBER KITS

Complete kit includes Deck Lid Bubble which is necessary to provide proper carburetor clearance. Requires cutting engine cover. Supplied with a jet package.

43-0634 EMPI Deluxe Progressive WEBER Kit w/Air Cleaner

43-0634-7 WEBER DFEV Carb. Only

43-2125 Replacement Deck Lid Bubble

1700-2000CC PROGRESSIVE WEBER KITS

Complete kit for installation on 1700, 1800 or 2000cc Type 2 & 4 engines.
Fits both 3 & 4-Bolt Heads. Supplied with a jet package.

43-0670 EMPI Deluxe WEBER Progressive Kit w/Air Cleaner

43-0670-7 WEBER DFEV Carb. Only

RABBIT/SCIROCCO PROGRESSIVE WEBER KITS

Complete kit comes with Carb. and Air Filter Adapter. For use with stock air cleaner. Supplied with a jet package.

43-0800 EMPI Deluxe WEBER Progressive Kit

43-0800-7 WEBER DFEV Carb., Rabbit/Scirocco

MANIFOLDS & REPLACEMENT PARTS

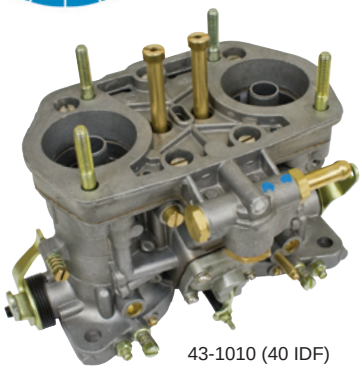
These EMPI manifolds can be used with EMPI EPC 32/36F carbs, WEBER DFEV-DFAV carbs as well as Holley 5200 Series carbs.

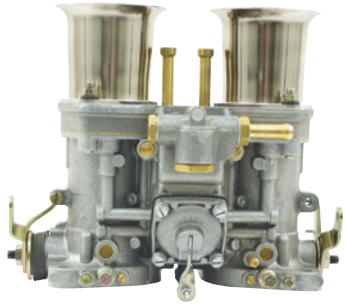
3232 Progressive Manifold Kit w/Tubes & Bracket, Isolated, Type 1 & 2, w/Hardware
3232-7 Replacement Tubes & Brackets Only-for P/N: 3232, Bulk
3241 Progressive Manifold Kit, Type 3 & 4, w/Hardware
3242 Manifold Runner Kit, Type 3, w/Hardware, Pair
3244 Manifold Runner Kit, Type 4, w/Hardware, Pair

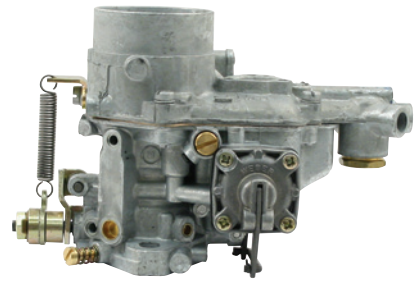
43-0620 Replacement Electric Choke Element for EPC 32/36F, DFV/DFEV/DFAV
43-2130 Replacement Carb. Adapter Kit, Rabbit/Scirocco, w/Hardware
43-2135 Replacement Air Filter Adapter Kit, Rabbit/Scirocco, w/Hardware

43-2135

43-0620


43-1010 (40 IDF)


43-1012 (44 IDF)


43-1016 (34 ICT)

WEBER CARBURETORS

EMPI is your source for WEBER carburetors.

43-1010 40 IDF Carburetor Only
Supplied without velocity stacks

43-1012 44 IDF Carburetor Only

43-1016 34 ICT Carburetor Only

43-1048 48 IDA Carburetor Only

43-1048 (48 IDA)

43-0622-7 (32/36 DFEV)

43-0622-7 32/36 DFEV Carb. Only, **(Electric Choke), Universal and VW Applications**

UNIVERSAL CABLE ADAPTER

Throttle Cable to Carburetor made easy with this simple yet effective Universal Cable Adapter. One end features a heim joint with 10/32" stud to bolt to your carburetor linkage arm. The other end has an adjustable cable nut to secure your throttle cable end. A simple adapter that can become the perfect solution for many carburetor applications.

43-0605 Universal Cable Adapter, Set

CARBURETOR SYNCHRONIZERS

Proper synchronization of dual carburetor set-ups is essential for peak performance. Accurately dial in your carbs with one of these Carburetor Synchronizers. Our P/N: 5746 is the original, SU type, bubble gauge with pivoting gauge tube for down-draft or side-draft applications. The Pro-Synchronizer will not restrict airflow and feature an easy to read 1-30 kg/h numbered scale for precise synchronization. P/N: 43-5712 includes two boot adapters which allows for 1-tool usage on a wide spectrum of applications. P/N: 43-5718 includes one boot adapter.

43-5712

NEW! 43-5718

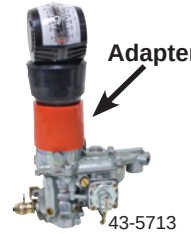
5746

43-5712 EMPI Universal Pro-Sync, w/2 Boot Adapters
43-5718 NEW! EMPI Universal Pro-Sync, w/1 Boot Adapter
5746 SU Type Carburetor Synchronizer

CARBURETOR SYNCHRONIZER URETHANE ADAPTERS

Dialing in your Dual EPC34s, Weber ICTs and Solex/Brosol just got a bit easier! These urethane adapters are made specifically for these carburetors. With easy push-on fit, they are impervious to gas and oil. Even the Solex/Brosol Adapter fits without removing the air cleaner center stud. For use with P/N 43-5712 EMPI Universal Pro-Sync.

43-5714



43-5713

43-5713 Synchronizer Adapter 34EPC/34ICT Carburetors, Each
43-5714 Synchronizer Adapter EMPI/Kadron/Brosol/Solex Carburetors, Each

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

43-1019

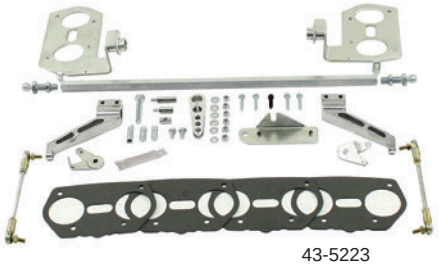
43-5209

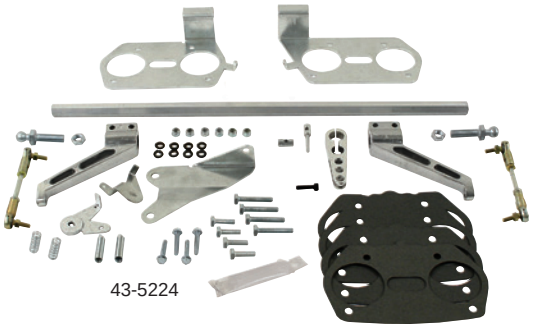
43-5208

Replacement
Linkage Kit 43-5208-8

43-5210

43-5213


43-5223


43-5224

HPMX/IDF MANIFOLD & LINKAGE KITS

Individual components allow you to tailor fit a carb kit that's right for you. These manifold and linkage kits are the same high quality components used in our complete carb. kits.

MANIFOLD KITS & MANIFOLDS

High quality aluminum manifolds. All necessary hardware and gaskets are included.

43-1019 Std. EMPI Dual HPMX or IDF Manifold Kit for Type 1
(Used on P/N 43-6317, 43-6319, 43-7317, 43-7319, 47-6317, 47-6319, 47-7317, 47-7319 Series Kits)
Ball Burnished Finish. Has extra material for porting
May not fit with stock fan shroud without modification.

43-5209 EMPI Deluxe Dual HPMX or IDF Manifold Kit for Type 1
(Used on P/N 43-8317, 43-8319, 43-9317, 43-9319, 47-8317, 47-8319, 47-9317, 47-9319 Series Kits)
Ball Burnished Finish
Fits with most stock fan shrouds with little or no modification.

43-5208 EMPI Single HPMX or IDF Manifold Kit for Type 1
(Ball Burnished Finish) **Isolated Design, Complete with Linkage Kit**

43-5208-8 Replacement Linkage Kit only for 43-5208

43-5210 EMPI Dual HPMX or IDF Manifold Kit
for 1700-2000cc Type 2/4 & 914
(Ball Burnished Finish)

43-5213 EMPI Dual HPMX or IDF Manifold Kit for Type 3
(Ball Burnished Finish)

HEX BAR LINKAGE KITS

High quality linkage kits feature thick heavy duty mounting plates, aircraft quality heims and include all necessary hardware and gaskets.

43-5223 EMPI HPMX or IDF Hex Bar Linkage Kit
for Type 1 & Type 3, Hex Bar is 18 1/2" Long
(Used on P/N 43-6317, 43-6319, 43-7317, 43-7319, 47-6317, 47-6319, 47-7317, 47-7319, 43-7341, 43-7342, 47-7341, 47-7342 Series Kits)

43-5224 EMPI HPMX or IDF Hex Bar Linkage Kit
for 1700-2000cc Type 2/4 & 914, Hex Bar is 18 1/2" Long

43-5230 EMPI HPMX or IDF Hex Bar Linkage Kit for Type 1
Hex Bar is 19 11/16" Long
(Used on P/N 43-8317, 43-8319, 43-9317, 43-9319, 47-8317, 47-8319, 47-9317, 47-9319 Deluxe Series Kits)

EPC 34/ICT MANIFOLD & LINKAGE KITS

Individual components allow you to tailor fit a carb kit that's right for you. These manifold and linkage kits are the same high quality components used in our complete carb kits.

See page 102 for Tall 34 EPC / ICT Manifold Kit.

43-5205

MANIFOLD KITS

High quality aluminum manifolds. All necessary hardware and gaskets are included.

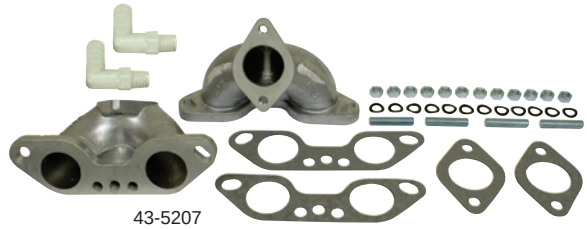
43-5205 EMPI EPC 34 or ICT Manifold Kit for Single Port Type 1 & 3

43-5206

43-5206 EMPI EPC 34 or ICT Manifold Kit for Dual Port Type 1 (Ball Burnished Finish)

43-5212

43-5212 EMPI EPC 34 or ICT Manifold Kit for Dual Port Type 3 (Ball Burnished Finish)


43-5207

43-5207 EMPI EPC 34 or ICT Manifold Kit for 1700-2000cc Type 2/4 & 914 Engines (Ball Burnished Finish)

HEX BAR LINKAGE KITS

High quality linkage kits feature thick heavy duty mounting plates, aircraft quality heims and include all necessary hardware and gaskets.

43-5220

43-5220 EMPI EPC 34 or ICT Hex Bar Linkage Kit for Type 1 Hex Bar is 26" Long

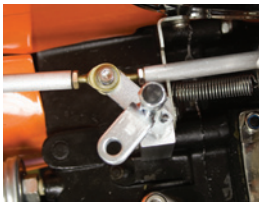
43-5221

43-5221 EMPI EPC 34 or ICT Hex Bar Linkage Kit for Type 3 Hex Bar is 27 1/4" Long

43-5222

43-5222 EMPI EPC 34 or ICT Hex Bar Linkage Kit for 1700-2000cc Type 2/4 & 914 Engines, Hex Bar is 26" Long

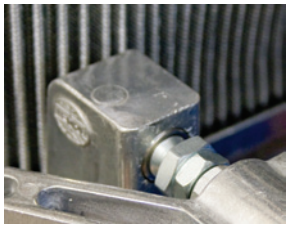
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.



UNIVERSAL TYPE 1 TWIST STYLE DUAL CARBURETOR LINKAGE

Twist Style Dual Carb Linkage for dual EMPI HPMX / EPC-34 / EPC-48 / EPC-51, Weber IDF / ICT / IDA, Dellorto / EMPI / Kadron / Brosol / Solex dual carburetors featuring the best and strongest combination of components: Billet aluminum center stand, 5/16" steel pivot bolt, steel linkage pivot, 3/8" aluminum linkage rods with adjustable Heim Joints and two sets of stamped steel carburetor linkage arms to accommodate EMPI, Weber, Dellorto, Kadron, Brosol, Solex and other carburetors. Rods may need to be cut to fit certain carburetors.

17-2945 Universal Twist Style Dual Carb Linkage, Type 1 1300-1600



Unit Installed

HEX BAR LINKAGE NEEDLE BEARING CONVERSION KIT

Retrofits all EMPI Hex Bar Linkage to upgrade from the Ball & Bushings ends to Needle Bearing for smooth operation and reliability. Helps maintain carburetor and linkage adjustment and synchronization. Easy installation.

44-1127 Hex Bar Linkage Bearing Conversion Kit for EMPI Hex Bar Linkage Kits

TALL HPMX / IDF MANIFOLD KIT

These manifolds are cast with the NOX Bosses. Complete with all hardware and gaskets. Has extra material for porting.

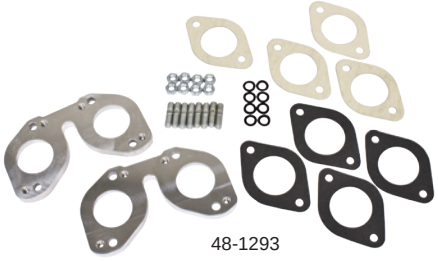
18-1061 EMPI Dual HPMX or IDF Manifold Kit for Type 1

356/912 PORSCHE MANIFOLD KIT

These trick manifolds allow the owners of early 356/912 Porsches to adapt either 40/44 HPMX or 40/44 IDF carbs to their stock engines. The conversion looks clean and fits in the engine compartment nicely. Gaskets, studs and hardware are included.

48-1295 Dual Manifolds, 356/912, 44 IDF/HPMX (45.5mm)

48-1296 NEW! Dual Manifolds, 356/912, 40 IDF/HPMX (40.0mm)



356/912 PORSCHE SOLEX 40P11 TO HPMX/IDF CARBURETOR ADAPTERS

Porsche 356 and 912 used Solex 40P11 carburetors that have become impossible to rebuild or service. These adapters make it easy to switch to HPMX or IDF carburetors using them with your stock manifolds. Gaskets, studs and hardware are included.

48-1293 Dual Carburetor Adapters w/Hardware HPMX/IDF to 356/912, Pair

LINKAGE COMPONENTS

A selection of the most commonly asked for replacement linkage components. Lost, broken or worn, now you can more easily identify and order the pieces you need to complete your linkage.

43-1060 Linkage Ball End Bushings, Pr.
These plastic bushings fit all of EMPI Dual Carb Kits for 40/44 HPMX/IDF, 34EPC/ICT with ball ends.

43-1060

43-1061 Linkage Heim Ends, 10/32 Left & Right, Pr.
These Right & Left Heim Ends are used on most EMPI Dual Carb Kits.

43-1061

43-5904 40/44 HPMX/IDF Type 1 Linkage Down Rod with Heim Ends, Short (4 ½"), Set
Hexrod Assembly used in the following Linkage / Carburetor Kits
For Kit P/N: 43-5223, 43-5230, 43-6317, 43-6319, 43-7317, 43-7319, 43-8317, 43-8319, 43-9317, 43-9319, 47-6317, 47-6319, 47-7317, 47-7319, 47-7332, 47-7335, 47-7336, 47-8317, 47-8319, 47-9317 and 47-9319

43-5904

43-5905 34EPC/ICT Type 1 Linkage Down Rod with Heim Ends, Long (6 ½"), Set
Hexrod Assembly used in the following Linkage / Carburetor Kits
For Kit P/N: 43-5220, 43-7401, 43-7411, 47-7401 and 47-7411

43-5905

43-5907 34EPC/ICT Type 3 & 4 Linkage Down Rod with Heim Ends, (1 ¾") Set
Hexrod Assembly used in the following Linkage / Carburetor Kits
For Kit P/N: 43-5221, 43-5222, 43-7301, 43-7311, 43-7412, 47-7301, 47-7311 and 47-7412

43-5907

43-5908 40/44 HPMX/IDF Type 3, 48-51EPC/IDA Linkage Down Rod with Heim Ends, (3 ½"), Set
Hexrod Assembly used in the following Linkage / Carburetor Kits
For Kit P/N: 43-5240, 43-5242, 43-7328, 43-7329, 43-7332, 43-7333, 43-7341, 43-7342, 47-7328, 47-7329, 47-7330, 47-7331, 47-7341, 47-7342, 47-7429

43-5908

43-1063 Linkage Down Rod Extensions, Short & Long, Pr
These extensions are used on all of EMPI Dual Carb Kits for 40/44 HPMX/IDF and 34EPC/ICT.

43-1063

43-1062 Linkage Ball Socket Ends, 10/32 Left & Right, Pr
These socket ends are used on EMPI/Brosol Carb Kits.

43-1062

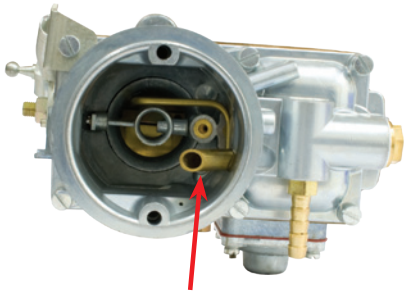
POLISHED BILLET ALUMINUM CARBURETOR DISPLAY STAND

The same Billet Carburetor Display Stand specially made for our displays at SEMA and other shows is now available for your showroom. This custom made solid polished billet aluminum display base is designed to showcase your EMPI Dual carburetor kit or EMPI single carburetor kit with the use of EMPI dual port end castings. Represent EMPI with this unique and attractive marketing display and create consumer interest. Studs included.

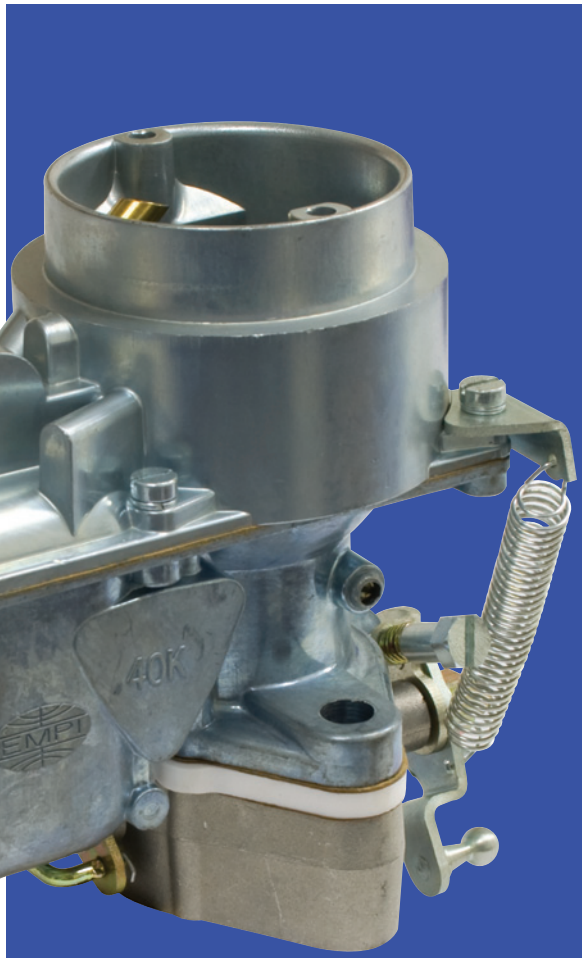
2059 Aluminum Carburetor Display Stand, Dual Port

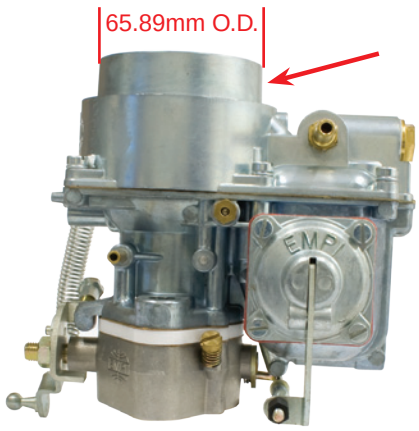
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

THE NEW EMPI "40K" CARBURETOR

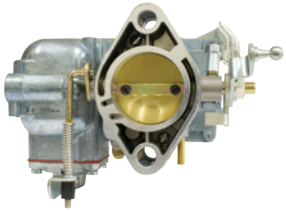


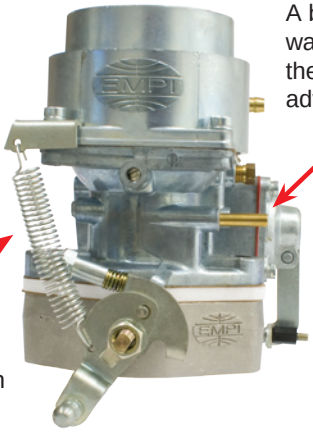
Brass vent tube to help keep from flooding out. This will help when used for Off Road and Race Applications





Extended air cleaner base to accommodate a wide variety of air cleaner applications. This design alone creates more velocity and flow.





A brass vacuum tube was added to allow the option of a vacuum advance distributor.

These carburetors come equipped with a throttle return spring.

Part #	Description	Idle Jet	Main Jet	Needle Valve	Emulsion Tube	Venturis
43-4427	EMPI 40K Left Carb Only	.55	1.30	1.50	1.50	28mm
43-4428	EMPI 40K Right Carb Only	.55	1.30	1.50	1.50	28mm

THE NEW EMPI "40K" CARBURETOR KITS

EMPI is pleased to announce the release of the 40K series carburetors. If you are looking to upgrade to a dual carburetor set up or improve your current system then the 40K Series carbs are the answer. These carburetors offer improvements and upgrades that produce performance gains, smooth idle and reliability over your current single throat carburetors. We have extended the carburetor base to accommodate a wide variety of air cleaner options including EMPI velocity stacks. A brass vent tube is added to prevent flooding. This is a common problem on off road and drag race applications. Vacuum improvements were done to allow the option of a single vacuum advance distributor and not affect idle performance. EMPI has made it easy for you to upgrade to the 40K series system by suppling all the necessary components to complete the conversion.

EMPI 40K 40MM CARBURETOR ONLY

43-4427 NEW! EMPI 40K Left Carb Only
43-4428 NEW! EMPI 40K Right Carb Only

43-4429 NEW!

EMPI 40K 40MM DUAL KIT FOR TYPE 1

All 40K series kits come with all the necessary components to complet your upgrade.

43-4429 NEW! EMPI 40mm Dual 40K Carb Kit

43-4430 NEW! EMPI 40mm Deluxe Dual 40K Carb Kit w/ EMPI Twist Linkage

43-4430 NEW!

EMPI 40K 40MM DUAL KIT FOR 1.7-2.0 TYPE 2 / 4

All 40K series kits come with all the necessary components to complete your upgrade.

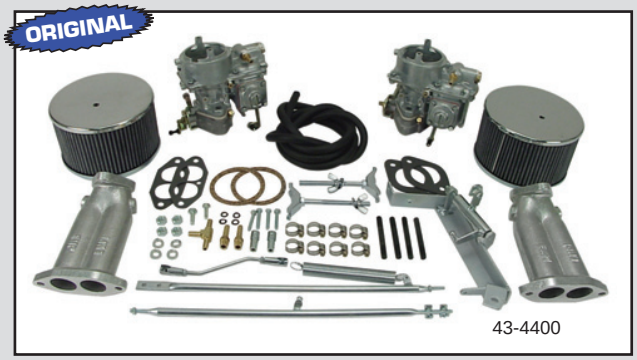
43-4431 NEW! EMPI 40mm Dual 40K Carb Kit, for Type 2 / 4

43-4431 NEW!

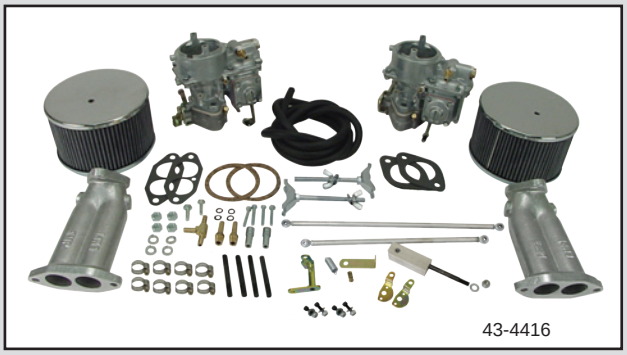
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

40MM DUAL BROSOL / SOLEX TYPE 1 CARBURETOR KIT

ORIGINAL



43-4400



43-4416

EMPI 40 DUALS FOR TYPE 1 DUAL PORT

Dual 40 Carb kits featuring Brosol/Soloex 40mm carbs, cast EMPI manifolds, chrome top air cleaners with washable gauze filters – but now with your choice of Original-Style Linkage or the **NEW EMPI Twist Linkage**, featuring Heim ends, Billet stand and 3/8" aluminum rods - better performance, easier set-up and linkage stays adjusted!

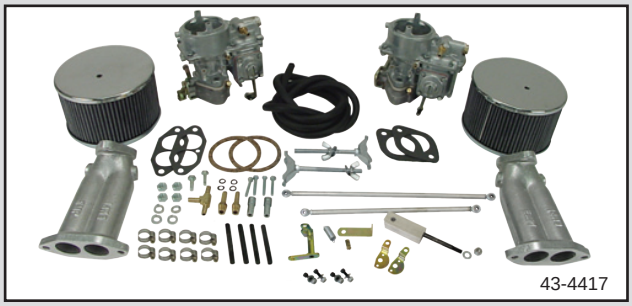
43-4400 ORIGINAL EMPI Dual Carb. Kit, Type 1, Dual Port

43-4416 EMPI Deluxe Dual 40mm Carb Kit w/EMPI Twist Linkage, Type 1

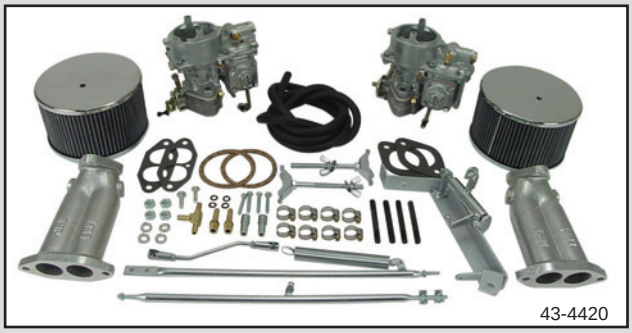
Carbs supplied with the following Jets installed...
Idle Jet - 55, Main Jet - 130, Air Jet* - 150
***Air Jet cannot be changed. Must be drilled.**

New Twist Linkage

See page 118 & 124 for further pictures.



43-4417



43-4420

Now Available in a 44mm Big Bore Version!

BROSOL / SOLEX 44MM

EMPI has raised the bar on the competition for single throat high performance dual carburetor kits. We have taken the great performing 40mm Brosol/Solex and enlarged it to a true high flowing 44mm carburetor. If your existing dual Solex's feel like they could use a little more "punch", then upgrade now to a new version of an EMPI Solex/Brosol 44mm dual carburetor kit. Fits all Type 1 & 2 dual port upright 1600cc based engines. These kits utilize the same outstanding manifolds, linkage, air cleaners, hardware, etc. that our "tried and true" P/N: 43-4400 kit uses. Now available with the **NEW EMPI Twist Linkage**. Suggested for 2000cc and larger engines.

Carbs supplied with the following Jets installed...Idle Jet - 60, Main Jet - 145, Air Jet* - 150 *Air Jet cannot be changed. Must be drilled.

43-4417 EMPI Deluxe Dual 44mm Carb Kit w/EMPI Twist Linkage, Type 1

43-4420 EMPI Dual 44mm Carb Kit, Type 1

43-4500

EMPI 40MM & 44MM DUALS BROSOL / SOLEX FOR 1.7-2.0 TYPE 2/4

The EMPI Dual 40mm carburetor kit has been considered a reliable replacement and a great performance upgrade for a troublesome stock carburetor setup or fuel injection system. With the advent of the EMPI 44mm Brosol/Solex carburetor, your choices for an upgrade just got larger and broader. For 1.7 – 1.8 motors choose from the 40mm model, these dual carburetor kits will give you crisp throttle response along with great fuel economy. If you have a hi-performance application or a 2.0 or larger engine then go with the 44mm dual carburetor setup. All kits come complete with carburetors, manifolds, linkage kit, hose, gaskets, hardware and detailed instructions.

43-4500 EMPI 40mm Dual Brosol / Solex Kit for 1.7–1.8L Type 2's

43-4520 EMPI 44mm Dual Brosol / Solex Kit, for 2.0L Type 2's

BROSOL / SOLEX CARBURETORS

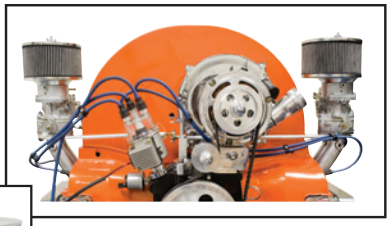
43-4400-5 Brosol / Solex Carburetor Only, 40mm, Left, Each
43-4400-6 Brosol / Solex Carburetor Only, 40mm, Right, Each

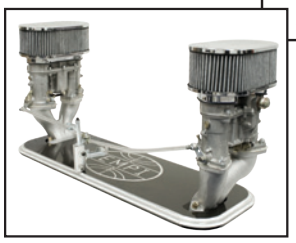
43-4400-5

43-4400-6

Part #	Description	Idle Jet	Main Jet	Needle Valve	Emulsion Tube	Venturis
43-4400-5	Brosol / Solex 40mm Left Carb	.55	1.30	1.50	1.50	28mm
43-4400-6	Brosol / Solex 40mm Right Carb	.55	1.30	1.50	1.50	28mm

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

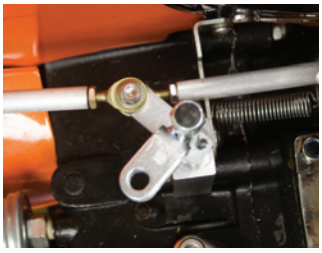


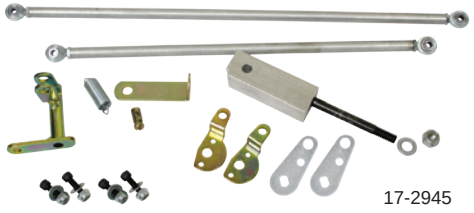


UNIVERSAL TYPE 1 TWIST STYLE DUAL CARBURETOR LINKAGE

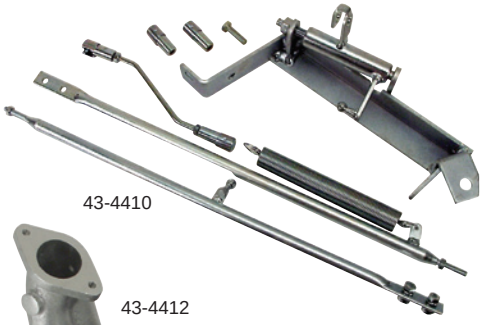
Twist Style Dual Carb Linkage for dual EMPI HPMX / EPC-34 / EPC-48 / EPC-51, Weber IDF / ICT / IDA, Dellorto / EMPI / Kadron / Brosol / Solex dual carburetors featuring the best and strongest combination of components: Billet aluminum center stand, 5/16" steel pivot bolt, steel linkage pivot, 3/8" aluminum linkage rods with adjustable Heim Joints and two sets of stamped steel carburetor linkage arms to accommodate EMPI, Weber, Dellorto, Kadron, Brosol, Solex and other carburetors. Rods may need to be cut to fit certain carburetors.

17-2945 Universal Twist Style Dual Carb Linkage, Type 1 1300-1600





17-2945



43-4410

REPLACEMENT COMPONENTS FOR TYPE 1 & TYPE 2 EMPI / KADRON / BROSOL / SOLEX KITS

TYPE 1 DUAL LINKAGE KIT

Whether it's an upgrade or just time to replace a worn out old linkage, this kit has everything neccessary to put your EMPI / Kadron / Brosol / Solex kits back in syncronous operation.

43-4410 Replacement EMPI Linkage Kit,
(Also fits older Kadron Kits)

43-4412

TYPE 1 DUAL PORT MANIFOLDS

These manifolds can be used to retro-fit to an old Kadron kit or upgrade an existing setup. Comes complete with aluminum manifolds, crossover hose, fittings, gaskets and all necessary hardware.

43-4412 EMPI Alum. Dual Port Manifold Kit, Pair

8801

AIR CLEANER KITS & ELEMENTS

These are the same high quality Air Cleaners we supply with our P/N : 43-4400 / 43-4500 series and 43-4427 / 43-4428 EMPI Dual 40mm & 44mm Carburetor Kits. Features washable gauze element & hardware.

8801 EMPI Air Cleaner Kit, 3 3/4" High, Pair
8802 Replacement Gauze Element, 3 1/2" High, Each

43-4460

43-4460 Single Air Cleaner for 40/44 EMPI/Kadron/Brosol/Solex Carbs, 3 3/4" High, 2 5/8" I.D. Neck. Carb O.D. of Neck is 2 9/16", Each

8802

SERVICE ITEMS FOR 40MM & 44MM EMPI / KADRON / BROSOL / SOLEX CARBURETORS

43-5211

TYPE 2 / 4 MANIFOLD KIT

This kit utilizes the same high quality aluminum castings used in our 40mm & 44mm EMPI / Kadron / Brosol / Solex dual carburetor kits. Comes complete with all necessary hardware and gaskets. For Kit P/N 43-4500, 43-4520 and 43-4431.

43-5211 EMPI Type 2 / 4 Manifold Kit

43-5225

TYPE 2 / 4 LINKAGE KIT

Featuring the same components that are included in our dual carb type 2 kits. This linkage kit is complete with all necessary items for replacement use on an existing dual carburetor kit. For Kit P/N 43-4500, 43-4520 and 43-4431

43-5225 EMPI Type 2 / 4 Linkage Kit

43-4403

FLOAT FOR EMPI / KARDON / BROSOL / SOLEX CARBURETORS

If your carburetors have brass floats, we now offer the upgraded plastic versions. Use these and say good bye to sinking floats.

43-4403 Replacement Float, Plastic, Each

43-4407

VENTURIS FOR 40MM & 44MM

EMPI now offers you the opportunity to fully tune your carburetor for your particular application. For reference 40mm EMPI / Kadron / Brosol / Solex come standard with 28mm venturis and 44mm versions come with 30mm venturis as standard.

43-4407 28mm Venturi for EMPI 40mm & 44mm, Pair
43-4408 30mm Venturi for EMPI 40mm & 44mm, Pair
43-4409 32mm Venturi for EMPI 40mm & 44mm, Pair

43-5023

NEEDLE & SEAT FOR EMPI / KADRON / BROSOL / SOLEX CARBS

43-5021 Needle & Seat, 1.50mm, Standard with Carbs, Each
43-5022 Needle & Seat, 1.75mm, Each
43-5023 Needle & Seat, 2.00mm, Each

2301

CARBURETOR REBUILD KITS

These rebuild kits cover all models of the EMPI 40K / Kadron / Brosol / Solex 40/44 carburetors. Kits come complete with accelerator pump diaphragm, needle/seat and all necessary o-rings and gaskets.

2301 Carb. Rebuild Kit, Boxed
9937 Carb. Rebuild Kit, Skinpacked
2507 NEW! Deluxe Carb. Rebuild Kit w/ Float (See page 155)

43-6191
43-4415

EMPI / KADRON / BROSOL / SOLEX VELOCITY STACKS

Universal slip in fit allows these spun aluminum velocity stacks to work for both the 40mm and 44mm models of the EMPI / Kadron / Brosol / Solex carburetor. (Non-electric choke versions only).

43-4415 EMPI / Kadron / Brosol / Solex Velocity Stacks, Pair

43-6191 Large Pre Filter Bootie. 5" Dia, Black, No Logo
Fits 3½" - 5" Velocity Stacks, Pair
Water repellant, breathable top,
Denier cylinder with elastic.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

43-4402

43-4405

REPLACEMENT COMPONENTS FOR EMPI / KADRON / BROSOL / SOLEX KITS

BRASS FUEL FITTING

This is the same 1/4" brass tee as used in our EMPI / Kadron / Brosol / Solex kits. We also offer a 5/16" version for high flow use.

43-4402 1/4" Brass Fuel Fitting "T", Each

43-5203 5/16" Brass Fuel Fitting "T", Each

CARB. BASE THROTTLE ASSEMBLY

Repair old worn out throttle shafts the right way, replace the assembly! Brand new assemblies will fix your "leakage" problems. Old desig fits Kadron / Brosol 40mm non-electric choke models. New design fits Kadron / Brosol and EMPI 40K 40mm non-electric choke carburetors. The new design has the progression ports changed internally.

43-4405 Repl. Carb. Base Throttle Assembly, Each

REPLACEMENT JETS FOR EMPI STOCK REPLACEMENT CARBURETORS, EMPI 40 K / KADRON / BROSOL / SOLEX CARBURETORS

Replacement Main and Idle Jets for EMPI and Solex-Style replacement carburetors and Solex/Brosol carburetors. Sold as Individual Jets or in a Jet Assortment Kit. The kit features a see-though EMPI box with compartments for each Jet Size and a Legend on the inside cover.

Each kit comes with…
10 pieces each of Main Jets from 112.5 to 140 in 2.5 increments
5 pieces each Main Jets from 145 to 170 in 5.0 increments
10 pieces Idle Jets from 45 to 70 in 5.0 increments

(See page 124, 125 and 160 for replacement parts for Carburetors)

43-5001 EMPI Stock Replacement Carburetors, EMPI 40K / Kadron / Brosol / Solex Jet Assortment Kit

- Jets are also sold individually.
- Jets Fit 98-1225-B, 98-1287-B, 98-1288-B, 98-1289-B, 98-1292-B, 98-1300-B plus 40mm and 44mm models of EMPI / Kadron / Brosol / Solex Carburetors.

Individual Jets					
Jets = 1 piece					
EMPI, Kadron, Solex, Brosol					
Main Jets				Idle Jets	
Size	P/N	Size	P/N	Size	P/N
112.5	43-5112-7	135	43-5135-7	.40	43-5040-7
115	43-5115-7	137.5	43-5137-7	.45	43-5045-7
117.5	43-5117-7	140	43-5140-7	.50	43-5050-7
120	43-5120-7	145	43-5145-7	.55	43-5055-7
122.5	43-5122-7	150	43-5150-7	.60	43-5060-7
125	43-5125-7	155	43-5155-7	.65	43-5065-7
127.5	43-5127-7	160	43-5160-7	.70	43-5070-7
130	43-5130-7	165	43-5165-7		
132.5	43-5132-7	170	43-5170-7		

NEW!

BILLET HPMX/IDF/"D" SERIES AIR CLEANERS

WITH SHORT ELEMENT

- Stainless Steel Mounting Hardware
- Precision Machined Channel for Element (Eliminates dirt blow-by)
- 6061-T6 Aluminum Top and Bottom
- Milled EMPI Logo and Accent Lines
- Fully Polished Top
- **Same unit as supplied in EMPI Deluxe HPMX/IDF Carb. Kits!**

43-6015 Fits EMPI HPMX, WEBER IDF and EMPI "D" Series, 7 1/8" x 4 5/8" x 4", Each

8734 Gauze Element Only, Oval 3 5/16"

WITH TALL ELEMENT

- Same specs as above

43-6016 Fits EMPI HPMX, WEBER IDF and EMPI "D" SERIES, 7 1/8" x 4 1/2" x 6 1/2", Each

43-6011 Gauze Element Only, Oval 6"

Billet 6061 T-6 Aluminum A/C Assemblies

43-6015 (Components)
3 5/16" Element

43-6015 (Assembled)

Milled EMPI Logo

Machined Channel for Element

43-6016 (Components)
6" Element

EMPI "KING KONG" HPMX/IDF/"D" SERIES AIR CLEANERS

These air cleaner assemblies feature the finest components in the industry. They have heavy duty chrome tops and bottoms and come with high flow washable gauze filter elements. P/N: 43-6006 has high tension springs for extra rigidity and twist resistance. For use on EMPI HPMX, WEBER IDF and EMPI "D" Series.

43-6006 Oval Air Cleaner, 9" x 5 1/2" x 6 1/8" High, Each
43-6007 Oval Replacement Element, 6" High, Each

43-6010 Oval Air Cleaner, 7" x 4 1/2" x 6" High, Each
43-6011 Oval Replacement Element, 6" High, Each

43-6006

43-6010

EMPI IDA AIR CLEANERS

With the same construction features as our "King Kong" IDF Air Cleaners; including High-Tension Retaining Springs like P/N: 43-6006 on the 6" high unit only. With the deep drawn Heavy Duty Steel Base custom made for the WEBER 48 IDA, and also works with EMPI EPC 48 and 51 Carbs. Includes gasket and special velocity stack spacers on 6" high unit only.
(Will not work with pro velocity stacks).

43-6012 Oval Air Cleaner, 9" x 5 1/2" x 6 3/4" High, Each (Will not fit on VW sedans)
43-6007 Oval Replacement Element, 6" High, Each

43-6013 Oval Air Cleaner, 9" x 5 1/4" x 4 1/8" High, Each (Fits under decklid on Type 1)
43-6008 Oval Replacement Element, 3 1/4" High, Each

43-6012

4.15" Total Height

43-6013

EMPI DIE-CAST HPMX/IDF/"D" SERIES AIR CLEANERS

EMPI Die-Cast Oval Air Cleaners feature a Die-Cast Top with EMPI Logo, Die-Cast Bottom and a 3.5" high washable/reusable Gauze Filter. They fit EMPI HPMX, Weber IDF and EMPI "D" Series carburetors. Supplied with hardware & gasket.

43-6018 NEW! EMPI Die-Cast Oval Air Cleaner, 7.25" x 4.5" x 3.875", Each
Fits EMPI HPMX, Weber IDF and EMPI "D" Series

NEW!

43-6018

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

8714

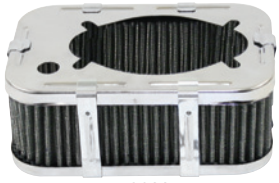
8722

HPMX or IDF Base

DCOE Base

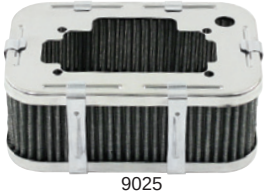
DCNF Base

8805


9032

8806

17-2823
(Stock VW)


9025

CHROME AIR CLEANERS

Featuring Show Quality heavy duty Chrome-plated steel, these Air Cleaners are offered in 7" x 4 1/2" Oval and 6 3/4" x 4 1/2" Rectangular Styles with Washable Gauze elements and include hardware and gaskets.

OVAL AIR CLEANERS

8714	EMPI HPMX / WEBER IDF / EMPI "D" Series, 3 1/2" High w/Gauze (1-Hole Top)
8722	WEBER 38-45 DCOE & Dellorto DHLA, 1 3/4" High w/Gauze (2-Hole Top)
8737	WEBER 38-45 DCOE & Dellorto DHLA, 3 1/2" High w/Gauze (1-Hole Top)
8726	WEBER 40-42 DCNF, 1 3/4" High w/Gauze (2-Hole Top)

OVAL REPLACEMENT ELEMENTS

8736	Oval Gauze, 7" x 4 1/2" x 1 3/4" High
8734	Oval Gauze, 7" x 4 1/2" x 3 1/2" High
43-6011	Oval Gauze, 7" x 4 1/2" x 6" High, Each
43-6007	Oval Gauze, 9" x 5 1/2" x 6" High, Each

RECTANGULAR AIR CLEANERS

8805	EMPI HPMX / WEBER IDF / EMPI "D" Series, 1 3/4" High w/Gauze
9024	EMPI HPMX / WEBER IDF / EMPI "D" Series, 2 1/2" High w/Gauze
9026	EMPI HPMX / WEBER IDF / EMPI "D" Series, 1 5/8" High w/Gauze (Type 3 Application) Replacement Element P/N: 9034
8806	WEBER DGV, DGAV, DGEV, 1 3/4" High w/Gauze
9025	WEBER DGV, DGAV, DGEV, 2 1/2" High w/Gauze
8809	WEBER DFV, DFAV, DFEV, 1 3/4" High w/Gauze
9032	WEBER DFV, DFAV, DFEV, 2 1/2" High w/Gauze
17-2823	Stock VW Carb, Clamp-on 2" High w/Gauze, Includes Clamp Replacement Element P/N: 9033 STOCK CARB

RECTANGULAR REPLACEMENT ELEMENTS & CLIPS

9029	Rectangular Gauze, 6 3/4" x 4 1/2" x 2 1/2" High
9033	Rectangular Gauze, 6 3/4" x 4 1/2" x 1 3/4" High
9034	Rectangular Gauze, 6 3/4" x 4 1/2" x 1 1/2" High (For P/N 9026 Only)
8685	Replacement Clips, 2 1/2", Pack of 6
8686	Replacement Clips, 1 3/4", Pack of 6
9589	Bulk Replacement Clip, 2 1/2", Each
9590	Bulk Replacement Clip, 1 3/4", Each

ROUND CHROME AIR CLEANERS

These Air Cleaners are available in High, Low and Super-Low Profiles with your choice of Paper, Washable Gauze or easy to clean Foam Elements and feature High Quality Chrome. All feature breather connection.
(**Note: Air Cleaner measurements are Overall Height, Base to Top. Replacement Elements are Height of Element)**

6 3/8" DIAMETER LOW PROFILE

9076	Air Cleaner for Stock VW Carb., 2 1/4" High w/Paper
9081	Replacement Element, 1 7/16" High, Paper
8957	Air Cleaner for Stock VW Carb., 2 1/2" High w/Gauze
9006	Replacement Element, 1 3/4" High, Gauze

9076

9081

8957

9006

6 3/8" DIAMETER - HIGH-PROFILE

8970	Air Cleaner for Stock VW Carb., 3 1/2" High w/Gauze
8975	Replacement Element, 2 1/2" High, Gauze

8970

8975

RUBBER FLANGE GAUZE AIR CLEANERS

It is a washable and reusable unit with Steel top, Gauze Filter and rubber base. They add style and performance and fits most upright applications. Constructed with a super strong molded pliable rubber flange which absorbs vibration, they are available in Oval and Round styles. Neck can be stretched up to 1/16" for added applications. Use with or without 90° Nylon Vent tube (included). Comes with clamp.

17-2976	Oval Gauze Rubber Flange Air Cleaner for Stock VW Carb., 2" Neck, 4 7/16" x 6 7/8" x 2 3/4" High
17-2978	Round Gauze Rubber Flange Air Cleaner for Stock VW Carb., 2" Neck, 5 1/4" Dia. x 2 3/4" High

17-2976

17-2978

POD-STYLE GAUZE AIR CLEANER

Featuring a Washable Chrome top Gauze Filter, these Air Cleaners fit most up-right applications.

9002	Pod-Style Air Cleaner for Stock VW Carb. and EPC 34, 2" Neck, 4 3/4" High
9004	Pod-Style Air Cleaner for 2 5/8" Neck, 4 3/4" High

9002

9185

9183

ROUND CHROME AIR CLEANERS

5 1/2" DIAMETER - HIGH FLOW

9183 Air Cleaner for Stock VW Carb., 2 1/2" High w/Paper
9185 Replacement Element, 1 1/2" High, Paper

9048

9044

9044 Air Cleaner for Stock VW Carb., 3" High w/Gauze
9048 Replacement Element, 2" High, Gauze

9049

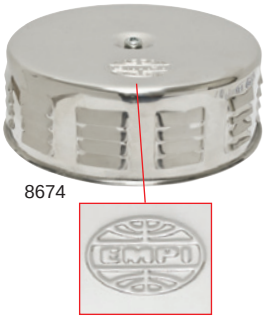
9045

9045 Air Cleaner for Stock VW Carb., 4" High w/Gauze
9049 Replacement Element, 3 1/8" High, Gauze

9133

9121

9121 Air Cleaner for Stock VW Carb., 2 3/4" High w/Foam
9133 Replacement Element, 2" High, Foam w/Mesh



8674

9133

CHROME LOUVERED AIR CLEANERS

Show quality Chrome Louvered Dome-Style Air Cleaners all are 5 1/2" diameter. Embossed EMPI logo into the top.

8674 Louvered Air Cleaner for Stock VW Carb., 3" High, Foam W/ Mesh (Stainless Steel Top w/ EMPI Logo)

9133 Replacement Element, 2" High, Foam w/Mesh

9048 Replacement Element, 2" High, Gauze

9012

9014

CHROME MINI AIR CLEANER

Small 4" Diameter Chrome Air Cleaner with Paper element.

9012 Air Cleaner for Stock VW Carb., 3" High w/Paper
9013 Air Cleaner for 2 5/8" Neck, 3" High w/Paper

9014 Replacement Element, 2" High, Paper

17-2823
(Stock VW)

STOCK VW AIR CLEANER

17-2823 Stock VW Carb, Clamp-on, 2" High w/Gauze, Includes Clamp
Replacement Element P/N: 9033

9033 Replacement Element, 1 3/4" High

OFF-ROAD AIR CLEANERS

Designed for Off-Road Competition, these air cleaners feature a large 10" diameter Spun Aluminum Cover and come with Gauze Element. Use with P/N: 9154 & 9156 Mount Kits.

9000 Air Cleaner for Stock VW Carb., 5 1/4" High w/Gauze (Boxed)

9176 Replacement Element, 3 1/4" High, Gauze

9176 (Gauze)

9154 Off-Road Air Cleaner Mount w/Clamps, for 2 5/8"
9156 Off-Road Air Cleaner Mount w/Clamps, 2" Neck, for Stock VW Carb.

9154

PROGRESSIVE CARBURETOR AIR CLEANER ADAPTER

This adapter allows installation of our 9001 Spun Aluminum Off-Road Air Cleaner, or any 2 5/8" air cleaner to your EMPI EPC 32/36, Weber or Holley Progressive carburetor, allowing clearance between A/C and carb. Includes gasket and mounting hardware.

9189 Progressive Carburetor Air Cleaner Adapter

9189

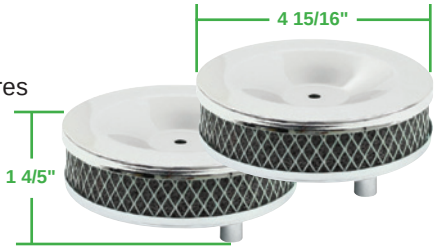
LOW PROFILE CHROME AIR CLEANER

17-2981 Air Cleaner for EMPI 38EGAS, Weber DGV, DGAV and DGEV carburetors. 1 3/4" High Gauze Filter Element.
(Replacement Air Cleaner for 47-0628, 47-0640 & 47-0645 Kits)

17-2981

TYPE 3 CHROME AIR CLEANERS

Super-Low profile fits under engine cover with stock carburetors without cutting. Features Foam Element.



9127 Type 3 Air Cleaner Kit, Pair
9155 Replacement Element, Foam, Each

TYPE 3 & 4 EPC 34/ICT 34 AIR CLEANER

Same 1 Pc. Gauze Element Assembly as provided in our EMPI Dual EPC 34 & 34 ICT kits for Type 3 and Type 4 pancake engines.

9128 Air Cleaner for Type 3 & 4 w/EPC 34 & 34 ICT WEBER Carbs, 2" Neck, Each

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

43-6191

43-6190

EMPI PRE-FILTERS

EMPI Pre-Filters feature a patented "Micro Mesh" Nylon filtration system that stops sand and dirt before it gets to your air cleaner element. Elastic base stretches over your air cleaner for a snug fit with no air restriction to speak of. It installs with virtually no carb. adjustment. Available in different colors with EMPI logo to match your color scheme.

43-6181

43-6173

43-6163

	(L x W x H)
43-6190	Pre Filter, 3½" Dia, Black, No Logo, Pair
43-6191	Pre Filter, 5" Dia, Black, No Logo, Pair
43-6101	Oval, 7" x 4 1/2" x 3 1/2", Blue
43-6102	Oval, 7" x 4 1/2" x 3 1/2", Red
43-6103	Oval, 7" x 4 1/2" x 3 1/2", Black
43-6111	Oval, 7" x 4 1/2" x 6", Blue
43-6112	Oval, 7" x 4 1/2" x 6", Red
43-6113	Oval, 7" x 4 1/2" x 6", Black
43-6121	Oval, 9" x 5 1/2" x 3 1/2", Blue
43-6122	Oval, 9" x 5 1/2" x 3 1/2", Red
43-6123	Oval, 9" x 5 1/2" x 3 1/2", Black
43-6124	Oval, 9" x 5 1/2" x 3 1/2", Purple
43-6131	Oval, 9" x 5 1/2" x 6", Blue
43-6132	Oval, 9" x 5 1/2" x 6", Red
43-6133	Oval, 9" x 5 1/2" x 6", Black
43-6141	For EMPI 40mm Solex/Brosol, Blue
43-6142	For EMPI 40mm Solex/Brosol, Red
43-6143	For EMPI 40mm Solex/Brosol, Black
43-6163	For Rectangular 2 1/2" High Filters, Black
43-6173	For P/N: 9002/9004 Pod Style Filters, Black
43-6181	For P/N: 16-2049/16-2050 Breather, Blue
43-6183	For P/N: 16-2049/16-2050 Breather, Black

FOAM FILTER COVERS (GREY)

Foam Air Cleaner Covers with EMPI logo have been race and sand proven for years. Oil them down or run them dry...they protect your air cleaner elements from the "Big Chunks". Foam is grey in color with EMPI screened in white.

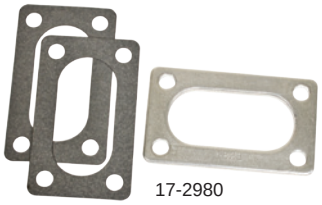
	(W x L x H)
43-6233	Oval, 4 1/2" x 7" x 3 1/2" High Element

9039

CLEANER FOR GAUZE ELEMENTS

Clean your Gauze Elements quickly and easily.

9039	Air Filter Cleaner, Bottle (Can Not Be Shipped Via Air)


17-2980

CARBURETOR SPACER FOR EPC/DFV/DGV

This die-cast aluminum plenum-style Spacer will add 5.5mm between your carb and manifold to help solve clearance issues for larger Alternators and/or other issues. Use with all EPC, DFV and DGV progressive and synchronous carburetors. Comes with 2 Plenum-cut Gaskets for installation.

17-2980	Carburetor Spacer for EPC/DFV/DGV, 5.5mm, Set w/Gaskets

EMPI VELOCITY STACKS FOR 48 IDA / EPC 48 / EPC 51

EMPI's spun aluminum pro stacks use a race proven design to maximize airflow and velocity. Designed to mount just like the originals with no modifications of the carburetor required. Pro Velocity Stacks are not compatible with EMPI King Kong air cleaners.

43-6057 EMPI Aluminum Pro Velocity Stacks, 3 1/2" H x 3 7/8" W on Top, Pair
43-6052 EMPI Aluminum Replacement Velocity Stacks, 2 7/8" H x 2 3/4" W on Top, Pair
43-6191 Large Pre Filter Bootie, 5" Dia, Fits 3½" - 5" Velocity Stacks. Black, No Logo, Pair

EMPI CHROME VELOCITY STACKS

These Chrome Stacks or "Air Horns" aid in prevention of fuel stand-off and look great. Fits all EMPI HPMX, IDF WEBER and DRLA Dellorto carbs. Three sizes are available to aid in matching to proper air cleaner applications. All Stacks are Steel with Chrome finish.

43-6050 2 1/4" Chrome Velocity Stacks, Pair
43-6054 4" Chrome Velocity Stacks, Pair
43-6056 6" Chrome Velocity Stacks, Pair
43-6190 Small Pre Filter Bootie, 3½" Dia, Fits up to 3½" Velocity Stacks. Black, No Logo, Pair

VELOCITY STACK COVERS

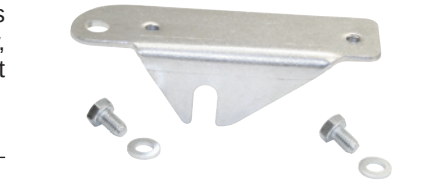
High quality molded red vinyl caps snap over carburetor velocity stacks to protect from unwanted debris or water entering the carburetor when the vehicle is not being operated.

43-5720 Velocity Stack Covers, for IDF & HPMX Carb., Pair (Fits WEBER & EMPI Stacks), I.D. is 2.500"
43-5721 Velocity Stack Covers, for 48 IDA / EPC 48 & EPC 51 Carbs., Pair (Fits WEBER Stacks & EMPI Stacks, P/N 43-6052) I.D. is 2.75"
43-5722 Velocity Stack Covers, for 48 IDA / EPC 48 & EPC 51 Carbs., Pair (Fits EMPI Pro Velocity Stacks) I.D. is 3.850"

COIL RELOCATION KIT

Relocating the coil from the fan housing is necessary when you install dual carburetors on up-right engines. This engineered kit allows you to tuck the coil neatly out of the way, without modification. Complete with zinc plated bracket and mounting hardware. This kit is normally included in all Type 1 EMPI hex bar carb. kits & linkage kits.

43-5204 Coil Relocation Kit



CARBURETOR SYNCHRONIZERS

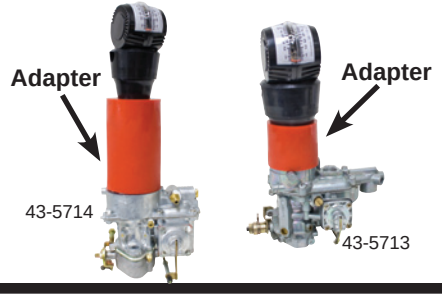
Proper synchronization of dual carburetor set-ups is essential for peak performance. Accurately dial in your carbs with one of these Carburetor Synchronizers. Our P/N: 5746 is the original, SU type, bubble gauge with pivoting gauge tube for down-draft or side-draft applications. The Pro-Synchronizer will not restrict airflow and feature an easy to read 1-30 kg/h numbered scale for precise synchronization. P/N: 43-5712 includes two boot adapters which allows for 1-tool usage on a wide spectrum of applications. P/N: 43-5718 includes one boot adapter.

43-5712 EMPI Universal Pro-Sync, w/2 Boot Adapters
43-5718 NEW! EMPI Universal Pro-Sync, w/1 Boot Adapter
5746 SU Type Carburetor Synchronizer

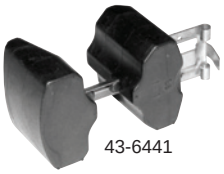
CARBURETOR SYNCHRONIZER URETHANE ADAPTERS

Dialing in your Dual EPC34s, Weber ICTs and Solex/Brosol just got a bit easier! These urethane adapters are made specifically for these carburetors. With easy push-on fit, they are impervious to gas and oil. Even the Solex/Brosol Adapter fits without removing the air cleaner center stud. For use with P/N 43-5712 EMPI Universal Pro-Sync.

43-5713 Synchronizer Adapter 34EPC/34ICT Carburetors, Each
43-5714 Synchronizer Adapter EMPI/Kadron/Brosol/Solex Carbs, Each



WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.


43-6441

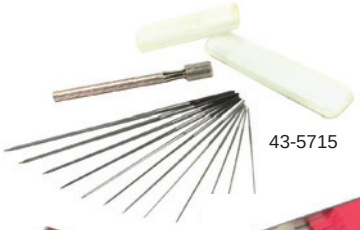
43-6550

43-6820

CARBURETOR FLOATS

Same floats as supplied in EMPI's carburetors. These new upgraded plastic versions will also fit WEBER carburetors.

43-6441	Replacement Float for EMPI 40/44 HPMX or 40/44/48 IDF, Each
43-6550	Replacement Float for EMPI EPC 32/36A, E, M, EPC 38, Each
43-6820	Replacement Float for EMPI EPC 34 or 34 ICT, Each


43-5715

43-5717

43-5716

CARBURETOR TOOLS

These precision tools allow you to fine-tune your carburetors. The Jet Reamer Set features precision tapered reamers that cut to close tolerances. A selection of tapered reamers is packed in a protective plastic case. Know exactly what size you have cut your jets to with our Jet Size Gauges. Two size range gauges are available to fit all applications.

43-5715	Jet Reamer Kit
43-5716	Jet Gauge, .45mm - 1.50mm Range
43-5717	Jet Gauge, 1.50mm - 3.00mm Range

43-4402

43-5203

BRASS FUEL TEE'S

A must have for all dual carburetor applications. If you are using a plastic tee, now is the time to upgrade. All EMPI Dual Carb. Kits come with Brass Fuel Tee's.

43-5203	5/16" Barbed Brass Fuel Tee
43-4402	1/4" Barbed Brass Fuel Tee

43-5709

HPMX OR IDF FUEL ENRICHMENT BLOCK-OFF PLATE

Use this chrome plated blockoff plate when you remove the "stock" choke assembly from IDF carburetors. Supplied with screws and washers.

43-5709	HPMX or IDF Fuel Enrichment Block-Off Plate

NEW!

IDLE JET VENT TUBE KIT

EMPI Idle Jet Vent Tube Kits are now available separately to upgrade existing HPMX or IDF series carbs. Part Number 44-1130 Vent Tube Kit is for one carburetor. A kit includes 2 vent tubes, o' rings, air cleaner base gasket and instructions. You must have or purchase a 11/64" drill bit to complete the installation.

44-1130	NEW!	Idle Jet Vent Tube Kit

3447

17-2824

HEAT RISER BLOCK-OFF PLATES

Covers heat riser flanges when intake heat riser is not used. A must when installing most dual carb kits. Includes gaskets.

3447	Heat Riser Block-Off Plate Kit
17-2824	Chrome Heat Riser Block-Off Plate Kit

UNI-LINK KIT

Allows you to adapt your linkage to fit any EPC 32/36F, DFV/DFEV Progressive Carb.

43-0602 Uni-Link Kit

EXTRA CLEARANCE INTAKE & EXHAUST NUTS

8mm 1.25 - thread with 11mm outside diameter nuts may be used on intake and exhaust for extra clearance. Made from Brass to resist rust and avoid seized threads.

43-6051

43-6051 Brass 8mm-1.25 thread, 11mm Head, Int./Exh. Nuts, Set of 8
43-6051-B Bulk Brass 8mm-1.25 thread, 11mm Head, Int./Exh. Nuts, Bag of 100

B250520

B250520 Racing Exhaust Nuts, Silver Zinc Plated Steel, Set of 8, 8mm-1.25 Thread, 11mm Head

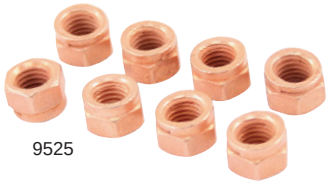
17-2988

17-2988 12 Point 8mm Engine Nuts, Black, 8 pcs
8mm-1.25 Thread, uses 10mm 12 Point Socket

17-2983 NEW! 6 Point 8mm Engine Nuts, Gold Zinc Plated, 8 pcs
8mm-1.25 Thread, uses 10mm Wrench Size

17-2983 NEW!

ENGINE INTAKE & EXHAUST NUTS



9525

9525 Exhaust Lock Nut Set, 12mm Head
8mm-1.25 Thread, Copper, 8pcs.
9525-B Bulk Exh. Lock Nuts, Copper, Bag of 100
(Ref. P/N: 175 129 650)

REPLACEMENT CHOKE ELEMENTS

43-0620

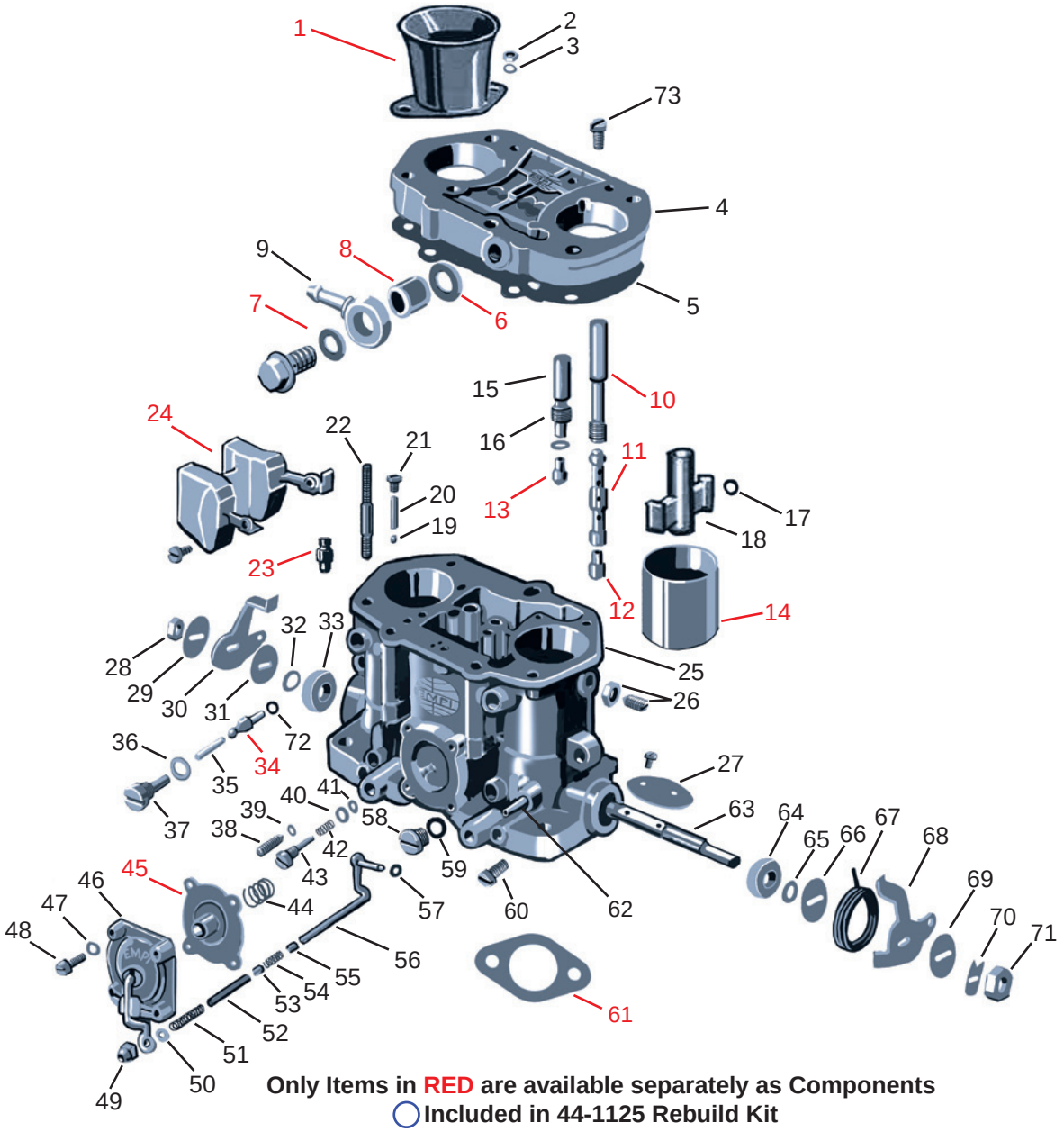
43-0620 Repl. Electric Choke Only for EPC 32/36F, 32/36 DFEV.
43-5351 Repl. Electric Choke Only for EPC 32/36, EPC 38, 32/36 DGEV, 38 DGES

INTAKE - CARBURETOR SCHEMATICS

D SERIES 44-1036-0 / 44-1040-0 / 44-1045-0

Part # Carburetor Only	Description	Idle Jet	Main Jet	Air Corrector	Inlet Valve	Pump Jet	Emulsion Tube	Venturis
44-1036-0	EMPI D 36mm - Dual	60	122	180	1.50	50	2	30mm
44-1040-0	EMPI D 40mm - Dual	60	140	180	1.50	35	2	34mm
44-1040-2	EMPI D 40mm – Single*	65	162	170	1.50	55	2	30mm
44-1045-0	EMPI D 45mm - Dual	70	162	200	1.50	55	2	38mm
44-1045-2	EMPI D 45mm – Single*	70	162	160	1.50	60	2	32mm

**Single Carburetors feature a 2mm port in each butterfly to improve idle performance.*



Only Items in RED are available separately as Components

◯ Included in 44-1125 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

INTAKE - CARBURETOR SCHEMATICS

D SERIES 44-1036-0 / 44-1040-0 / 44-1045-0

Item #	Description	Part Number	Item #	Description	Part Number
1	Velocity Stack	43-6050-2	38	By-pass Screw	N/A
2	Velocity Stack Securing Nut	N/A	39	Idle Mixture Adj. Screw Gasket	N/A
3	Washer	N/A	40	Flat Washer	N/A
4	Bowl Cover	N/A	41	Idle Mixture Adj. Screw Gasket	N/A
5	Bowl Cover Gasket	N/A	42	Idle Mixture Adj. Screw Spring	N/A
6	Sealing Washer - Large	44-1129	43	Idle Mixture Adj. Screw	N/A
7	Sealing Washer - Small	44-1128	44	Pump Diaphragm Spring	N/A
8	Fuel Filter	44-1111	45	Accelerator Pump Diaphragm	44-1117
9	Banjo Fitting	N/A	46	Pump Cover	N/A
10	Air Correction Jet	44-1063 thru 44-1075	47	Washer	N/A
11	Emulsion Tube	44-1102 / 44-1103	48	Pump Cover Securing Screw	N/A
12	Main Jet	44-1050 thru 44-1120	49	Nut	N/A
13	Idle Jet	44-1076 thru 44-1118	50	Washer	N/A
14	Main Venturi	44-1104 thru 44-1110	51	Pump Link Spring	N/A
15	Idle Jet Holder	N/A	52	Distance Tube	N/A
16	Intake Valve Gasket	N/A	53	Washer	N/A
17	O-Ring	N/A	54	Spring	N/A
18	Auxiliary Venturi	N/A	55	Washer	N/A
19	Delivery Valve	N/A	56	Pump Lever	N/A
20	Delivery Valve Weight	N/A	57	Washer	N/A
21	Delivery Valve Seat Plug	N/A	58	Progression Port Inspection Plug	N/A
22	Velocity Stack Securing Stud	N/A	59	O-Ring	N/A
23	Needle & Seat	44-1086	60	Idle Speed Screw	N/A
24	Float	44-1112 / 44-1131	61	Base Gasket	44-1113 thru 44-1115
25	Carb Body	N/A	62	Vacuum Port	N/A
26	Venturi Securing Screw / Nut	N/A	63	Throttle Shaft	N/A
27	Throttle Butterfly	N/A	64	Throttle Shaft Bearing	N/A
28	Throttle Spindle Nut	N/A	65	Washer	N/A
29	Washer	N/A	66	Washer	N/A
30	Idle Throttle Adj. Lever	N/A	67	Return Spring	N/A
31	Washer	N/A	68	Idle Control Lever	N/A
32	Washer	N/A	69	Washer	N/A
33	Ball Bearing	N/A	70	Retaining Plate	N/A
34	Pump Jet	44-1092 thru 44-1101	71	Throttle Shaft Nut	N/A
35	(Fuel Filter) Spring	N/A	72	O-Ring	N/A
36	Pump Jet Plug Gasket	N/A	73	Bowl Cover Bolt	N/A
37	Pump Jet Plug	N/A			

Only Items in RED are available separately as Components

◯ Included in 44-1125 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

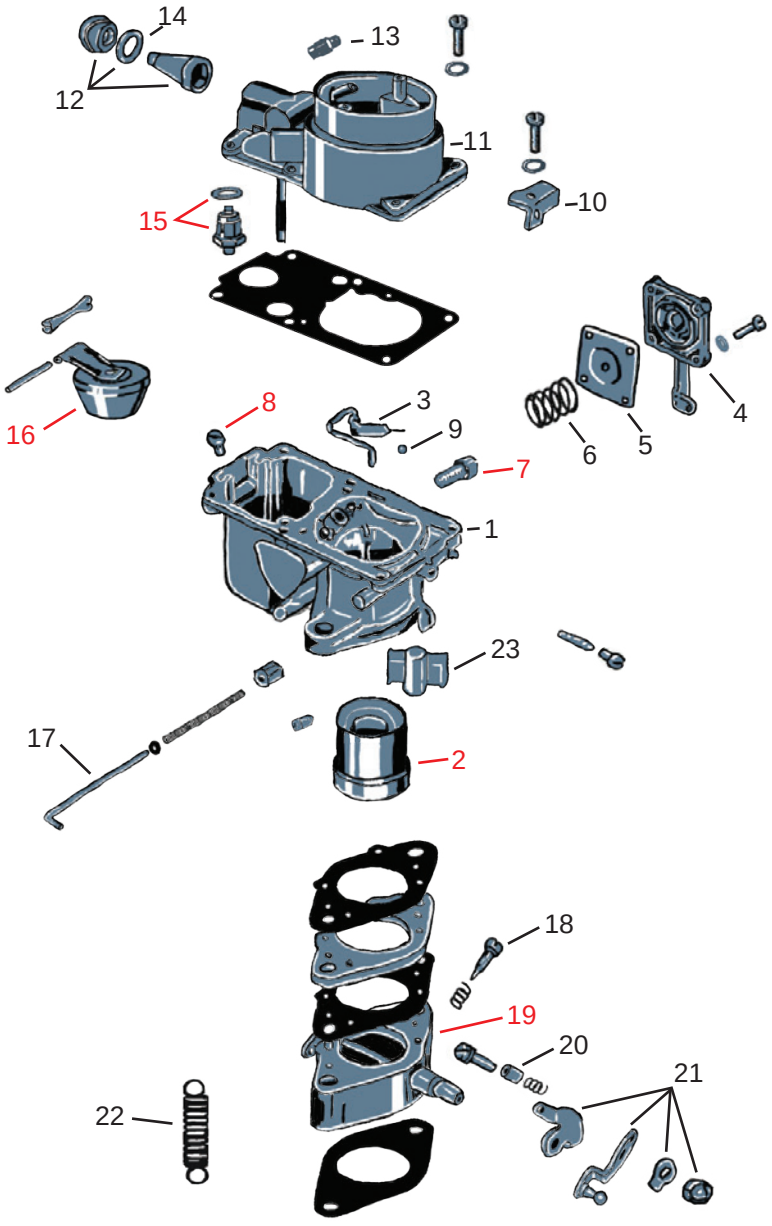
All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

40K

43-4427-0 / 43-4428-0

Part # Carburetor Only	Description	Idle Jet	Main Jet	Needle & Seat	Emulsion Tube	Venturis
43-4427	EMPI 40K 40mm Left	.55	1.30	1.50	1.50	28mm
43-4428	EMPI 40K 40mm Right	.55	1.30	1.50	1.50	28mm



Only Items in RED are available separately as Components

Included in 2507 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

40K

43-4427-0 / 43-4428-0

Item #	Description	Part Number	Item #	Description	Part Number
1	Carburetor Body	N/A	13	Fuel Inlet Fitting	N/A
2	Venturi	43-4407 thru 43-4409	14	Filter Plug Gasket	N/A
3	Annular Discharge Arm	N/A	(15)	Needle Valve & Gasket	43-5021
4	Accelerator Pump Cover & Lever Assembly	N/A	(16)	Float Assembly	43-4403
(5)	Accelerator Pump Diaphragam	N/A	17	Accelerator Pump Rod Assembly	N/A
6	Accelerator Pump Spring	N/A	18	Mixture Screw & Spring	N/A
7	Idle Jet	43-5045-7 thru 43-5070-7	19	Throttle Body	43-4405
8	Main Jet	43-5112-7 thru 43-5170-7	20	Idle Adjustment Screw & Spring	N/A
(9)	Check Ball	N/A	21	Throttle Body Screws & Linkage Cam Assembly	N/A
10	Bracket for Return Spring	N/A	(22)	Return Spring	N/A
11	Top	N/A	23	Auxiliary Venturi	N/A
12	Filter Plug, Gasket, Filter & Fuel Inlet Adapter Group	N/A			

Only Items in RED are available separately as Components

◯ **Included in 2507 Rebuild Kit**

If not in Red it is not available separately.

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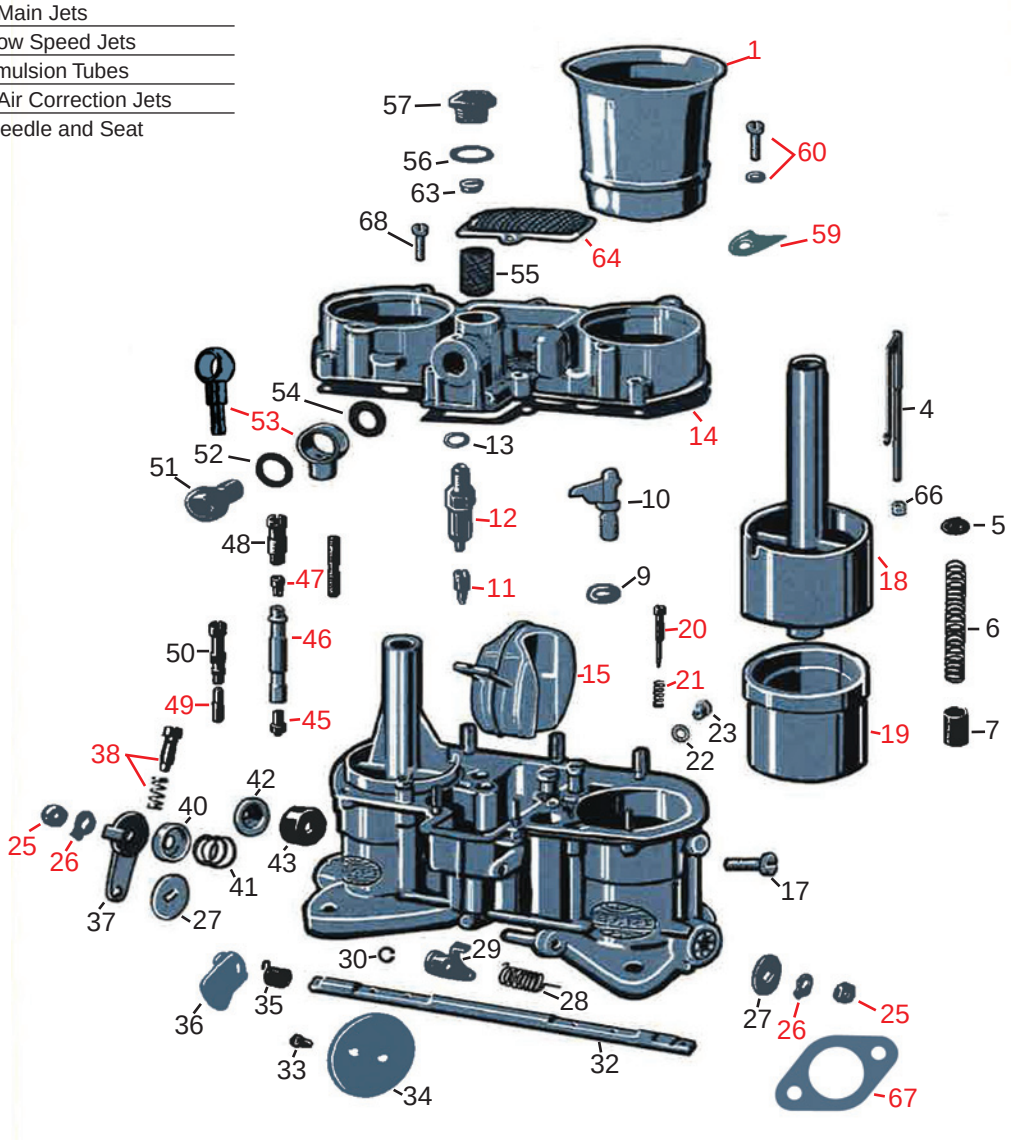
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EPC 48 / EPC 51

47-1048-0 / 47-1050-0

We supply these Carburetors with the following already installed:
.135 Main Jets
.70 Low Speed Jets
F7 Emulsion Tubes
.120 Air Correction Jets
2.0 Needle and Seat



Only Items in RED are available separately as Components

◯ Included in 43-5815 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

INTAKE - CARBURETOR SCHEMATICS

EPC 48 / EPC 51 — 47-1048-0 / 47-1050-0

Item #	Description	Part Number	Item #	Description	Part Number
1	Velocity Stack/Air Horn	43-6052	34	Throttle Valve	N/A
4	Pump Rod	N/A	35	Throttle return Spring	N/A
5	Spring Retaining Clip	N/A	36	Cam	N/A
6	Pump Spring	3252	37	Throttle Lever	N/A
7	Pump Plunger	N/A	38	Throttle Stop Screw & Spring	43-5346
9	Pump Jet O-Ring	N/A	40	Compression Spring Cover	N/A
10	Pump Jet (Squirter)	N/A	41	Compression Spring	N/A
11	Pump Exhaust Valve	43-5650 thru 43-6400	42	Dust Cap	N/A
12	Needle Valve - 3.0	43-5343	43	Bearing	N/A
13	Gasket, Needle Valve	N/A	45	Main Jet	43-5301 thru 43-5321
14	Top Cover Gasket	43-5349	46	Emulsion Tube	43-5670 thru 43-5681
15	Float	43-6973	47	Air Correction Jet	43-5401 thru 43-5425
17	Float Spindle	N/A	48	Emulsion Tube Holder	N/A
18	Auxiliary Venturi	43-5353	49	Idle Jet	43-5536 thru 43-5543
19	Venturi/Choke	43-5618 thru 43-5619	50	Idle Jet Holder	N/A
20	Idle Mixture Screw	43-5347	51	Fuel Banjo Bolt	N/A
21	Idle Mixture Spring	43-5347	52	Fuel Banjo Gasket - Outer	N/A
22	O-ring	N/A	53	Fuel Banjo	43-5355
23	Threaded Cover	N/A	54	Fuel Banjo Gasket - Inner	N/A
25	Throttle Shaft Nut	43-6413	55	Fuel Filter	N/A
26	Throttle Shaft Locking Tab	43-6414	56	Fuel Filter Cover Gasket	N/A
27	Washer	N/A	57	Fuel Filter Cover	N/A
28	Throttle Return Spring	N/A	59	Velocity Stack/Air Horn Tab	43-5345
29	Pump Lever	N/A	60	Bolt/Washer, Velocity Stack	43-5344
30	Spring Washer	N/A	63	Filter Locating Ring	N/A
31	Pin	N/A	64	Main Jet Screen	43-5348
32	Throttle Shaft	N/A	66	Pump Rod Bushing	N/A
33	Throttle Shaft Screw	N/A	67	Base Gasket	3396
			68	Body Screw	

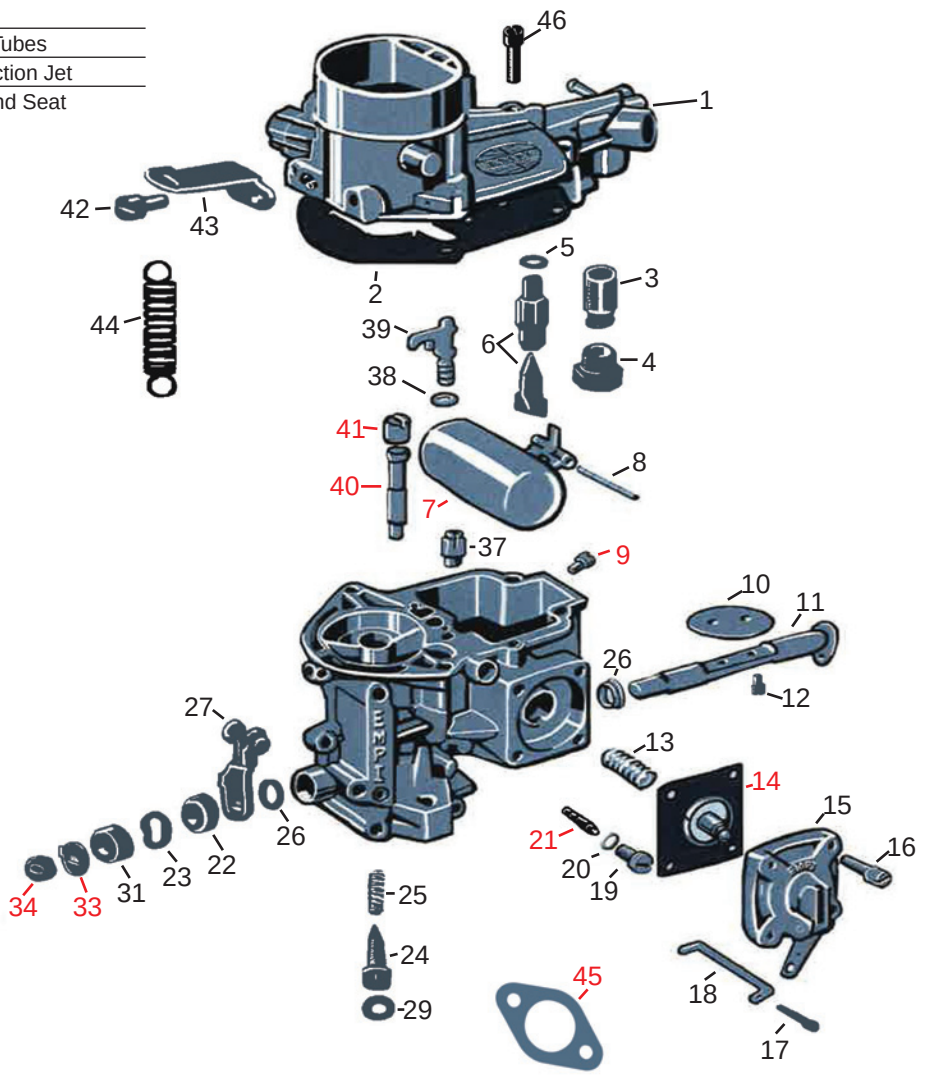
Only Items in RED are available separately as Components
◯ Included in 43-5815 Rebuild Kit
If not in Red it is not available separately.
If it is in Red and Circled it is available separately or in the Rebuild Kit.
If it is **Black** and Circled it is only available in a Rebuild Kit.
All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

EPC 34

43-1016-1

We supply this Carburetor with the following already installed:
.150 Main Jet
.55 Idle Jet
F-6 Emulsion Tubes
.175 Air Correction Jet
1.75 Needle and Seat



Only Items in RED are available separately as Components

Included in 43-5801 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

INTAKE - CARBURETOR SCHEMATICS

EPC 34

43-1016-1

Item #	Description	Part Number	Item #	Description	Part Number
1	Carburetor Top Cover	N/A	22	Fast Idle Control Lever Bushing	N/A
2	Carburetor Top Cover Gasket	N/A	23	Spring Washer	N/A
3	Fuel Filter	N/A	24	Idle Mixture Screw	N/A
4	Filter Inspection Plug	N/A	25	Idle Mixture Screw Spring	N/A
5	Needle Valve Gasket	N/A	26	Shaft Seal	N/A
6	Needle Valve	N/A	27	Throttle Control Lever	N/A
7	Float	43-6820	29	Idle Tamper-Proof Plug	N/A
8	Float Pin	N/A	31	Fast Idle Control Lever Bushing	N/A
9	Main Jet	43-5322 thru 43-5342	33	Throttle Shaft Locking Tab	43-6414
10	Throttle Plate	N/A	34	Throttle Shaft Nut	43-6413
11	Throttle Shaft	N/A	37	Pump Inlet Valve	N/A
12	Throttle Plate Screw	N/A	38	Pump Jet Gasket	N/A
13	Pump Loading Spring	N/A	39	Pump Jet	N/A
14	Accelerator Pump Diaphragm	43-5728	40	Emulsion Tube	43-5682 thru 43-5685
15	Accelerator Pump Cover	N/A	41	Air Correction Jet	43-5426 thru 43-5444
16	Accelerator Pump Cover Screw	N/A	42	Return Spring Bracket Screw	N/A
17	Split Pin	N/A	43	Return Spring Bracket	N/A
18	Pump Operating Rod	N/A	44	Return Spring	N/A
19	Idle Jet Holder	N/A	45	Base Gasket	3316
20	Idle Jet Holder Gasket	N/A	46	Body Screw	
21	Idle Jet	43-5519 thru 43-5549			

Only Items in RED are available separately as Components

◯ Included in 43-5801 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

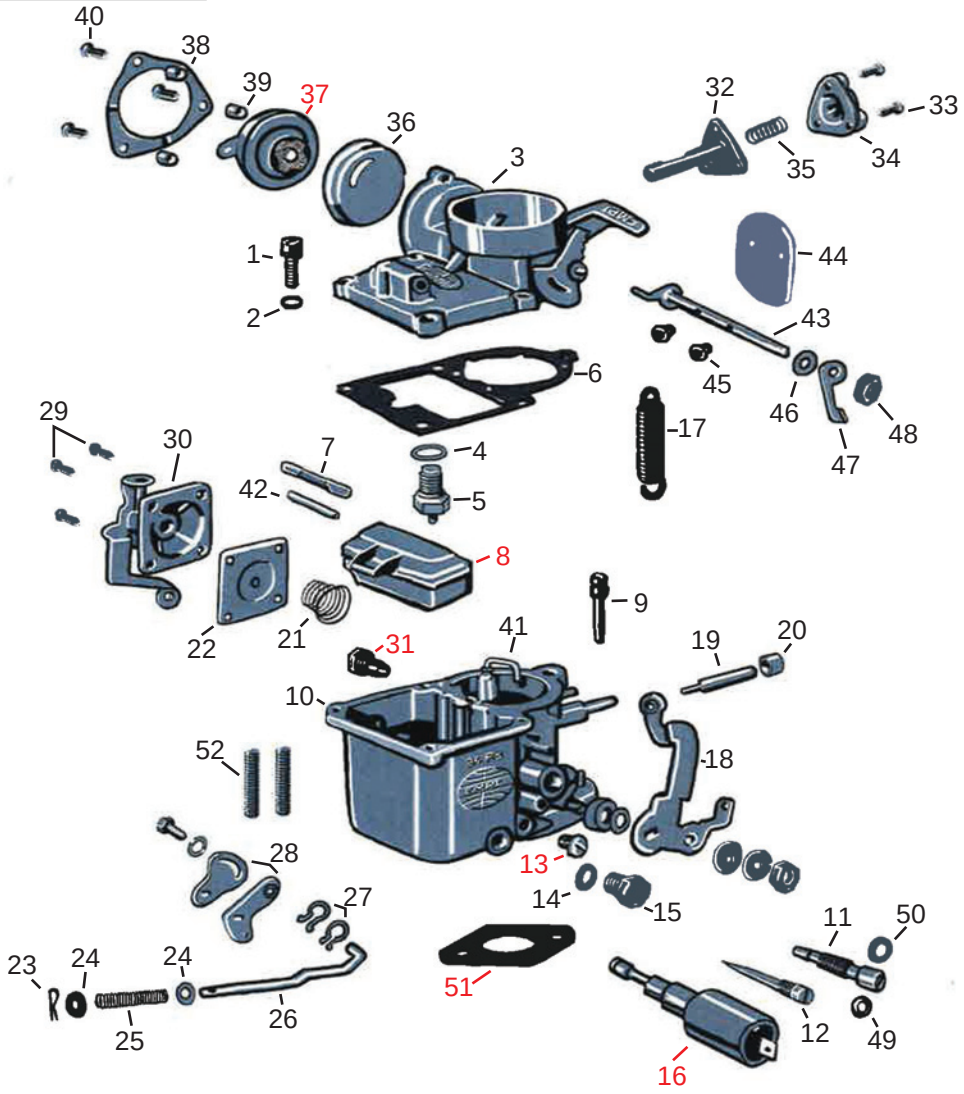
All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

34 PICT-3

98-1289-B

We supply this Carburetor with the following already installed:
127.5 Main Jet
55 Idle Jet
70 Air Correction Jet
150 Needle Seat
60 Pump Jet



Only Items in RED are available separately as Components

◯ Included in 2505 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

34 PICT-3 98-1289-B

Item #	Description	Part Number	Item #	Description	Part Number
1	Carburetor Top Screw	N/A	27	Clip	
2	Carburetor Top Spring Washer	N/A	28	Bell Crank Lever	
3	Carburetor Top	N/A	29	Accelerator Pump Cover Screw	
(4)	Needle Valve Washer		30	Accelerator Pump Cover	
(5)	Needle Valve		31	Pilot Jet	43-5045-7 thru 43-5070-7
(6)	Carburetor Top Gasket		(32)	Vacuum Diaphragm	
(7)	Float retainer		33	Vacuum Diaphragm Cover Screw	
(8)	Float	43-6824	34	Vacuum Diaphragm Cover	
9	Air Correction Jet/Emulsion Tube		35	Vacuum Diaphragm Spring	
10	Carburetor Body		36	Plastic Cap	
(11)	Bypass Screw		37	Choke Element	98-1305-B
(12)	Volume Control Screw		38	Choke Element Retaining Ring	
13	Main Jet	43-5112-7 thru 43-5170-7	39	Choke Element Retaining Ring Spacer	
(14)	Plug Washer		40	Choke Element Retaining Ring Screw	
15	Plug		41	Accelerator Pump Injection Pipe	
16	Bypass Air Cut-Off Valve	98-1297-B	(42)	Float Pin	
(17)	Return Spring		43	Choke Shaft	
18	Throttle Valve Lever		44	Choke Plate	
19	Throttle Valve Lever Stop Screw		45	Choke Plate Screw	
20	Throttle Valve Lever Stop Screw Nut		46	Choke Plate Shaft Washer	
(21)	Accelerator Pump Diaphragm Spring		47	Choke Lever	
(22)	Accelerator Pump Diaphragm		48	Choke Shaft Nut	
(23)	Cotter Pin		(49)	Air Volume Screw Gasket	
24	Washer		(50)	Bypass Screw Gasket	
25	Connecting Rod Spring		(51)	Carburetor Base Gasket	3253
26	Connecting Rod		52	Carburetor Base Stud	

Only Items in RED are available separately as Components
(◯) Included in 2505 Rebuild Kit
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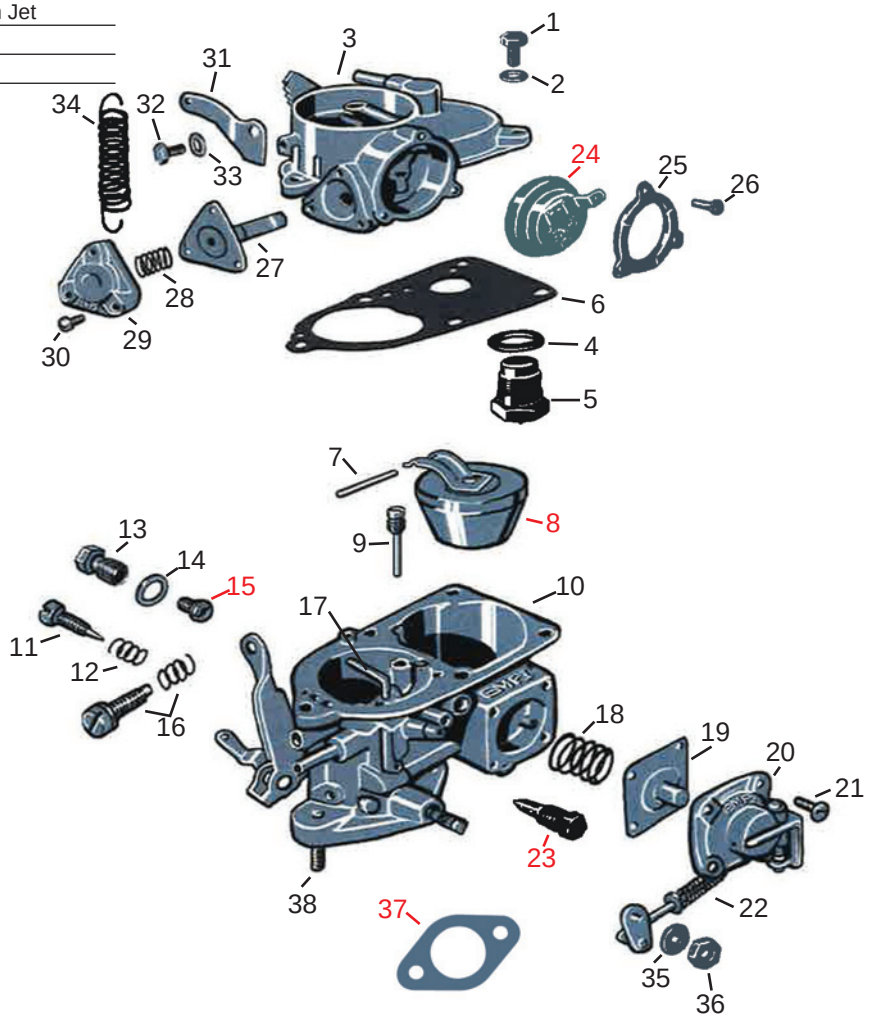
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

30 PICT-1

98-1288-B / 98-1287-B

We supply these Carburetors with the following already installed:
120 Main Jet
55 Idle Jet
115 Air Correction Jet
50 Pump Jet
150 Needle Valve



Only Items in RED are available separately as Components

◯ Included in 2505 Rebuild Kit

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INTAKE - CARBURETOR SCHEMATICS

30 PICT-1

98-1288-B / 98-1287-B

Item #	Description	Part Number	Item #	Description	Part Number
1	Carburetor Top Screw	N/A	20	Accelerator Pump Cover	N/A
2	Carb. Top Spring Washer	N/A	21	Acc. Pump Cover Screw	N/A
3	Carburetor Top	N/A	22	Connecting Rod Assembly	N/A
(4)	Needle Valve Washer	N/A	23	Pilot Jet	43-5045-7 thru 43-5070-7
(5)	Needle Valve	N/A	24	Choke Element	98-1305-B
(6)	Carburetor Top Gasket	N/A	25	Choke Retaining Ring	N/A
(7)	Float Pin	N/A	26	Choke Retaining Ring Screw	N/A
(8)	Float	43-6822	(27)	Vacuum Diaphragm	N/A
9	Air Corr. Jet/Emulsion Tube	N/A	28	Vacuum Diaphragm Spring	N/A
10	Carburetor Body	N/A	29	Vacuum Diaphragm Cover	N/A
(11)	Volume Control Screw	N/A	30	Vacuum Dia. Cover Screw	N/A
12	Vol.Control Screw Spring	N/A	31	Return Spring Bracket	N/A
13	Plug	N/A	32	Return Spring Bracket Screw	N/A
(14)	Plug Washer	N/A	33	Return Spring Bkt. Washer	N/A
15	Main Jet	43-5112-7 thru 43-5170-7	(34)	Return Spring	N/A
16	Throttle Lever Screw/ Spring	N/A	35	Throttle Lever Locking Tab	N/A
17	Accelerator Pump Injection Pipe	N/A	36	Throttle Lever Nut	N/A
(18)	Acc. Pump Dia. Spring	N/A	(37)	Carburetor Base Gasket	3254
(19)	Acc. Pump Diaphragm	N/A	38	Carburetor Base Stud	N/A

Only Items in RED are available separately as Components

◯ Included in 2505 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

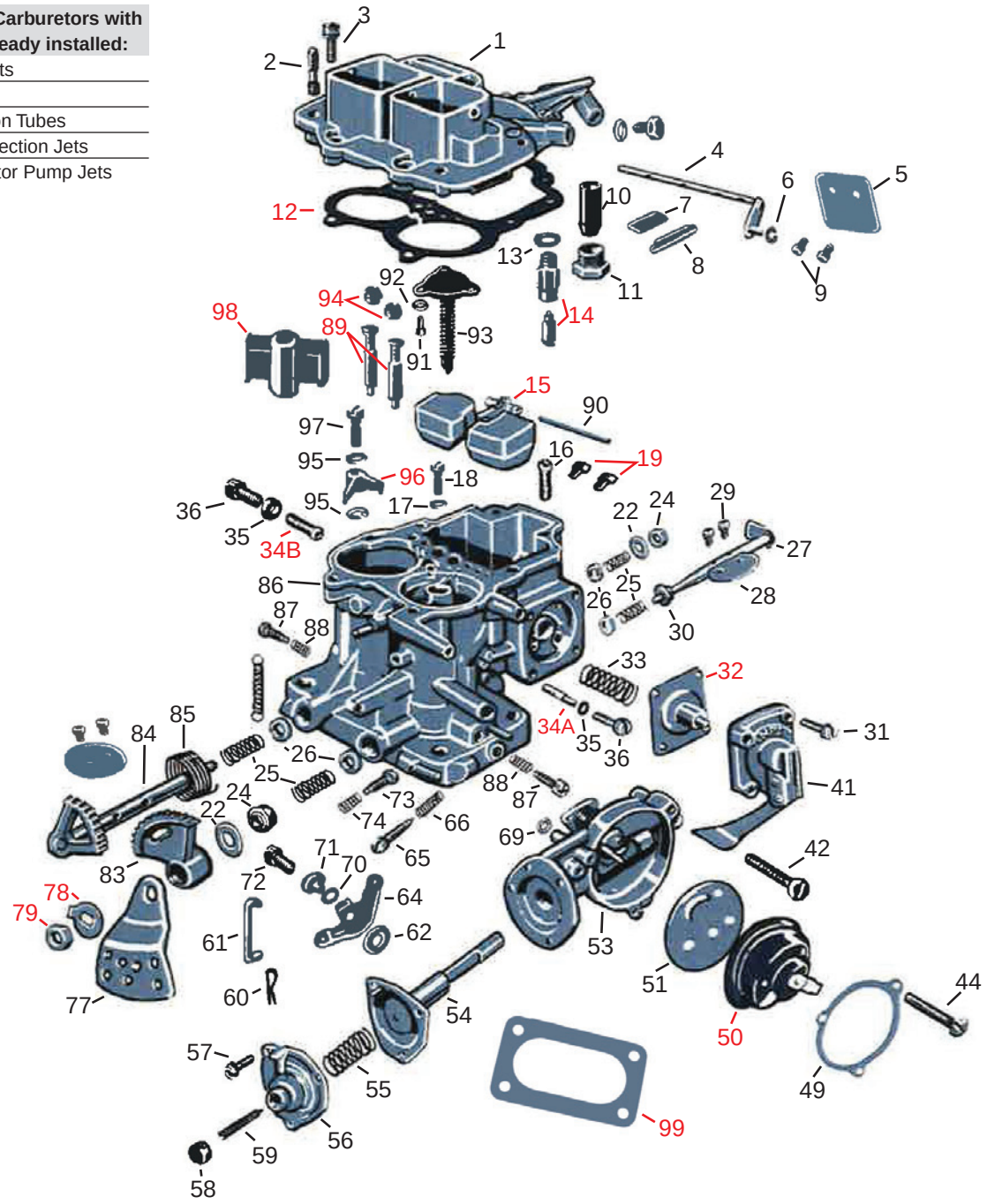
If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

EPC 38E

47-0628-7 / 44-1005-1 / 44-1006-1

We supply these Carburetors with the following already installed:
145 Main Jets
45 Idle Jets
F50 Emulsion Tubes
170 Air Correction Jets
67 Accelerator Pump Jets



Only Items in RED are available separately as Components

Included in 43-5802 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

INTAKE - CARBURETOR SCHEMATICS

EPC 38E — 47-0628-7 / 44-1005-1 / 44-1006-1

Item #	Description	Part Number	Item #	Description	Part Number
1	Carburetor Top Cover	N/A	53	Auto Choke Body	N/A
2	Air Cleaner Stud	N/A	54	Choke Diaphragm	N/A
3	Carburetor Top Cover Screw	N/A	55	Choke Diaphragm Spring	N/A
4	Choke Shaft & Lever	N/A	56	Auto Choke Cover	N/A
5	Start Throttle Valve Plate	N/A	57	Auto Choke Cover Screw	N/A
6	Spring Ring	N/A	58	Plug	N/A
7	Dust Seal Plate	N/A	59	Diaphragm Adjusting Screw	N/A
8	Dust Seal Plug	N/A	60	Fast Idle Rod Pin	N/A
9	Choke Plate Screw	N/A	61	Fast Idle Control Rod	N/A
10	Fuel Filter	N/A	62	Fast Idle Loose Lever Washer	N/A
11	Filter Plug	N/A	64	Fast Idle Loose Lever	N/A
12	Carburetor Top Cover Gasket	3248	65	Screw	N/A
13	Needle Valve Gasket	N/A	66	Spring	N/A
14	Needle Valve	43-5371 thru 43-5374	69	Auto Choke O' Ring	N/A
15	Float	43-6550	70	Fast Idle Lever Washer	N/A
16	Pump Discharge Needle	N/A	71	Fast Idle Idle Lever Bushing	N/A
17	Power Valve Gasket	N/A	72	Fast Idle Loose Lever Screw	N/A
18	Power Valve	N/A	73	Throttle Adjusting Screw	N/A
19	Main Jet	43-5322 thru 43-5342	74	Throttle Adj. Screw Spring	N/A
22	Secondary Shaft Washer	N/A	77	Throttle Control Lever	N/A
24	Secondary Shaft Nut	N/A	78	Throttle Lever Locking Tab	43-6414
25	Bushing Retaining Spring	N/A	79	Throttle Lever Nut	43-6413
26	Shaft Bushing	N/A	83	Primary Toothed Sector	N/A
27	Primary Main Shaft Assy.	N/A	84	Secondary Main Shaft	N/A
28	Throttle Plate	N/A	85	Sec. Shaft Return Spring	N/A
29	Throttle Plate Screw	N/A	86	Carburetor Body	N/A
30	Spacer	N/A	87	Idle Adjusting Screw	N/A
31	Accelerator Pump Cover Screw	N/A	88	Idle Adjusting Screw Spring	N/A
32	Accelerator Pump Diaph.	43-5727	89	Emulsion Tube	43-5682 thru 43-5685
33	Pump Loading Spring	N/A	90	Float Pin	N/A
34A	Idle Jet - Primary	43-5519 thru 43-5549	91	Power Valve Screw	N/A
34B	Idle Jet - Secondary	43-5501 thru 43-5508	92	Washer	N/A
35	Idle Jet Holder Gasket	N/A	93	Power Valve	N/A
36	Idle Jet Holder	N/A	94	Air Correction Jet	43-5426 thru 43-5444
41	Accelerator Pump Cover	N/A	95	Acc. Pump Jet Gasket	N/A
42	Choke Screw	N/A	96	Accelerator Pump Jet	43-5391 thru 43-5398
44	Lock Ring Screw	N/A	97	Pump Delivery Valve	N/A
49	Choke Element Lock Ring	N/A	98	Auxiliary Venturi	43-5687
50	Choke Element	43-5351	99	Base Gasket	3411
51	Auto Choke Body Gasket	N/A			

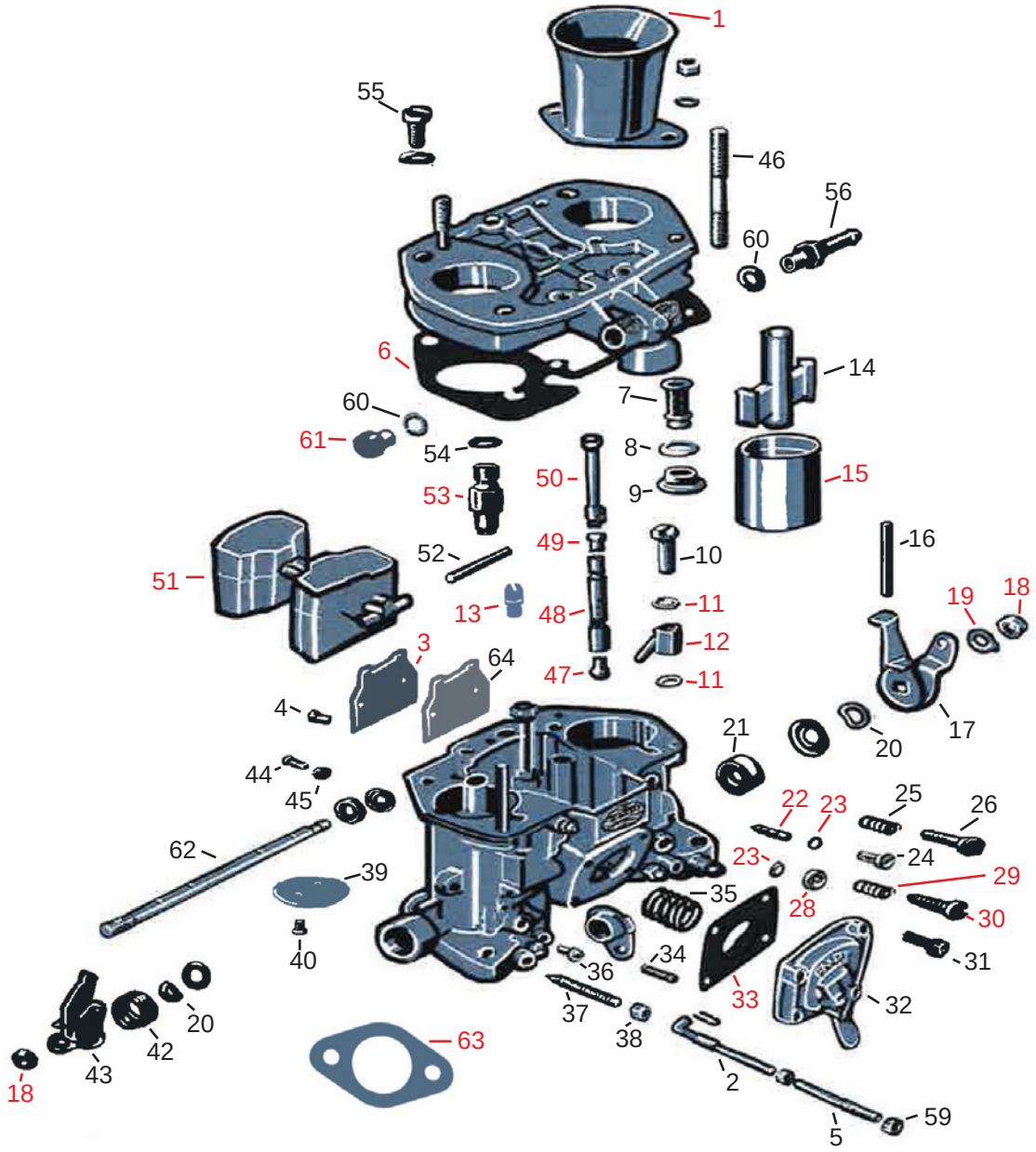
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

INTAKE - CARBURETOR SCHEMATICS

40 / 44 HPMX

47-1010-0 / 47-1010-2
47-1012-0 / 47-1012-2

Part #	Description	Idle Jet	Main Jet	Air Corrector	Ex. Pump Jets	Pump Jet	Emulsion Tube	Venturis
47-1010-0	EMPI HPMX 40mm - Dual	52	130	170	550	50	F11	28mm
47-1012-0	EMPI HPMX 44mm - Dual	55	135	200	550	50	F11	36mm
47-1010-2	EMPI HPMX 40mm - Single	60	135	160	350	50	F11	28mm
47-1012-2	EMPI HPMX 44mm - Single	60	140	160	350	50	F11	30mm



Only Items in RED are available separately as Components

◯ Included in 43-5813 Rebuild Kit

If not in Red it is not available separately.

If it is in Red and Circled it is available separately or in the Rebuild Kit.

If it is **Black** and Circled it is only available in a Rebuild Kit.

All other items are for Reference ONLY and are not available separately or in any Rebuild Kit.

40 / 44 HPMX

47-1010-0 / 47-1010-2
47-1012-0 / 47-1012-2

Item #	Description	Part Number	Item #	Description	Part Number
1	Velocity Stack/Air Horn	43-6050-2	31	Pump Cover Screw	N/A
2	Pump Control Rod	N/A	33	Accelerator Pump Diaphragm	43-5725
3	Enrichment Block-Off Plate	43-5709	34	Roll Pin	N/A
4	Block-Off Plate Screw	N/A	35	Pump Diaphragm Spring	N/A
5	Pump Rod Spring	N/A	36	Vacuum Tube Cover	N/A
6	Carburetor Main Gasket	3252	37	Air By-Pass Screw	N/A
7	Fuel Filter	N/A	38	Air By-Pass Screw Nut	N/A
8	Fuel Filter Gasket	N/A	39	Throttle Plate	N/A
9	Fuel Filter Cover	N/A	40	Throttle Plate Screw	N/A
10	Pump Demand Valve	N/A	41	Air Filter/Horn Gasket (Not Shown)	3210
11	Pump Jet Washer	43-6410	42	Throttle Return Spring	N/A
12	Accelerator Pump Jet	43-5388 thru 43-5390	43	Throttle Lever	N/A
13	Pump Exhaust Valve	43-5650 thru 43-6400	44	Choke Tube Screw	N/A
14	Auxiliary Venturi	N/A	45	Choke Tube Screw Nut	N/A
15	Venturi/Choke	43-5606 thru 43-5611	46	Stud	N/A
16	Stud	N/A	47	Main Jet	43-5301 thru 43-5321
17	Throttle Lever	N/A	48	Emulsion Tube	43-5670 thru 43-5681
18	Throttle Shaft Nut	43-6413	49	Air Correction Jet	43-5401 thru 43-5425
19	Throttle Shaft Locking Tab	43-6414	50	Emulsion Tube Holder	43-6440
20	Spring Ring	N/A	51	Float	43-6441
21	Throttle Shaft Bearing	N/A	52	Float Pin	N/A
22	Idle Jet	43-5510 thru 43-5518	53	Needle Valve	43-5366 thru 43-5368
23	Idle Jet O' Ring	43-6417	54	Needle Valve Gasket	N/A
24	Idle Jet Holder	N/A	55	Top Cover Screw	N/A
25	Throttle Stop Screw Spring	N/A	56	Fuel Inlet Fitting	N/A
26	Throttle Stop Screw	N/A	60	Fuel Inlet Fitting Gasket	N/A
28	Mixture Screw O' Ring Cap	43-6422	61	Threaded Cap/Fuel Inlet	43-6552
29	Mixture Screw Spring	43-6423	62	Throttle Shaft	N/A
30	Mixture Screw	43-6424	63	Base Gasket	3396
32	Pump Cover	N/A	64	Block Off Gasket	N/A

Only Items in RED are available separately as Components
◯ Included in 43-5813 Rebuild Kit
If not in Red it is not available separately.
If it is in Red and Circled it is available separately or in the Rebuild Kit.
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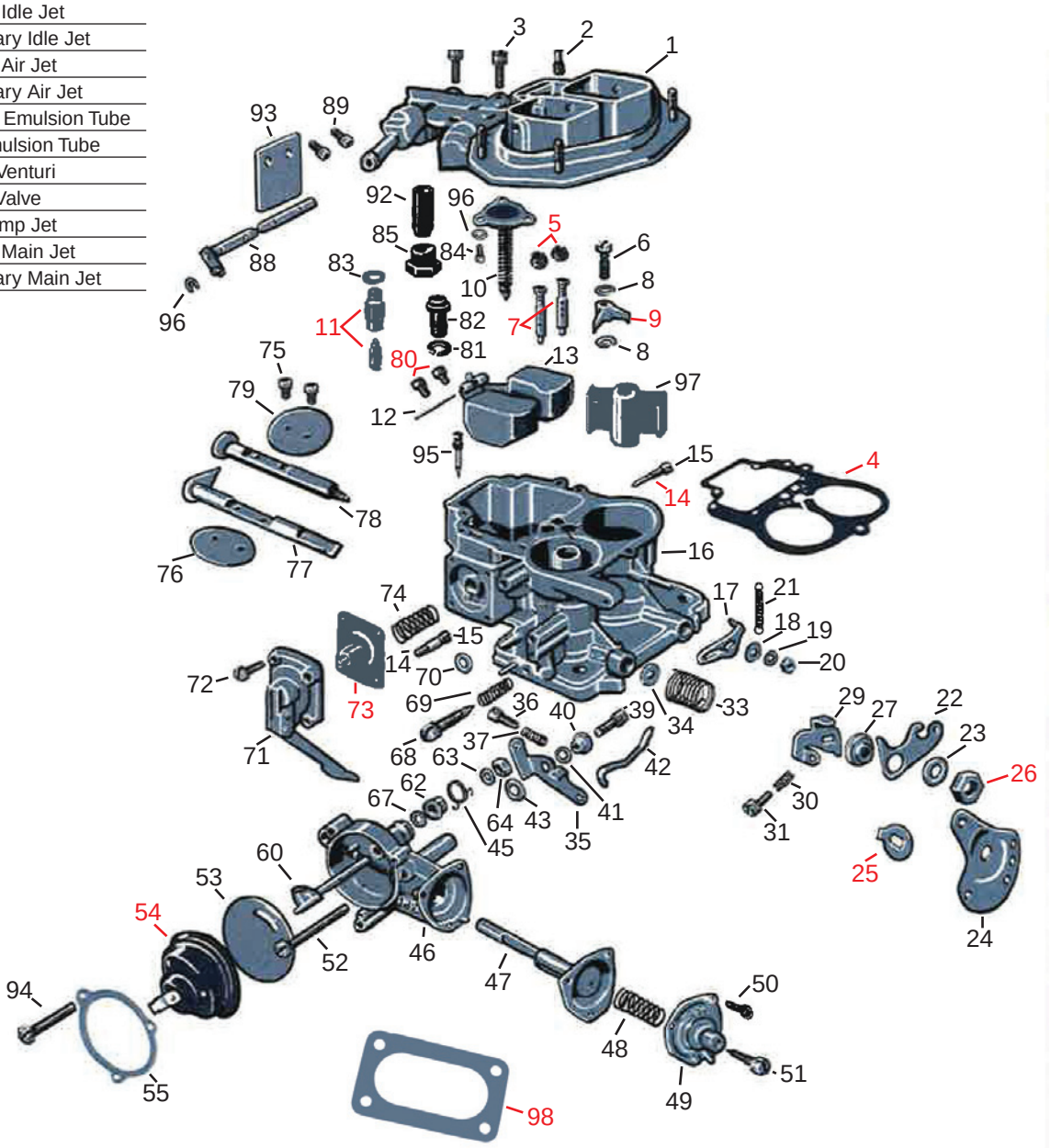
EPC 32 / 36F

44-1018-1 / 47-0634-7
47-0670-7 / 47-0800-7

We supply these Carburetors with the following already installed:
.060 Primary Idle Jet
.050 Secondary Idle Jet
1.65 Primary Air Jet
1.60 Secondary Air Jet
F-66 Primary Emulsion Tube
F-50 Sec. Emulsion Tube
3.4 Auxiliary Venturi
2.00 Needle Valve
.55 Accel. Pump Jet
1.37 Primary Main Jet
1.40 Secondary Main Jet



Only Items in RED are available separately as Components

◯ Included in 43-5804 Rebuild Kit

If not in Red it is not available separately.

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INTAKE - CARBURETOR SCHEMATICS

EPC 32 / 36F — 44-1018-1 / 47-0634-7 / 47-0670-7 / 47-0800-7

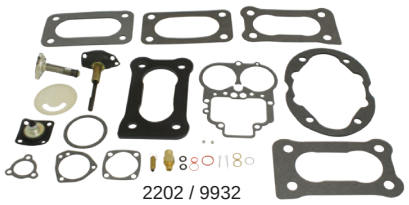
Item #	Description	Part Number	Item #	Description	Part Number
1	Carburetor Top Cover	N/A	47	Choke Diaphragm	N/A
2	Air Cleaner Stud	N/A	48	Choke Diaphragm Spring	N/A
3	Carburetor Top Cover Screw	N/A	49	Choke Diaphragm Cover	N/A
4	Carburetor Top Cover Gasket	3249	50	Choke Diaphragm Cover Screw	N/A
5	Air Correction Jet	43-5426 thru 43-5444	51	Choke Diaphragm Screw	N/A
6	Pump Delivery Valve	N/A	52	Choke Assembly Screw	N/A
7	Emulsion Tube	43-5682 thru 43-5685	53	Choke Cover - Plastic	N/A
8	Pump Jet Gasket	N/A	54	Choke Element	43-0620
9	Accelerator Pump Jet	43-5391 thru 43-5398	55	Choke Element Holding Ring	N/A
10	Pump Valve	N/A	60	Choke Shaft	N/A
11	Needle Valve	43-5371 thru 43-5374	62	Spring	N/A
12	Float Pin	N/A	63	Washer	N/A
13	Float	N/A	64	Nut	N/A
14	Idle Jet	43-5501 thru 43-5508	67	Washer	N/A
15	Idle Jet Holder	N/A	68	Screw	N/A
16	Carburetor Body	N/A	69	Spring	N/A
17	Secondary Lever	N/A	70	Gasket	N/A
18	Washer	N/A	71	Accelerator Pump Cover	N/A
19	Washer	N/A	72	Accelerator Pump Cover Screw	N/A
20	Nut	N/A	73	Accelerator Pump Diaphragm	43-5726
21	Spring	N/A	74	Spring	N/A
22	Loose Lever	N/A	75	Screw	N/A
23	Washer	N/A	76	Primary Throttle Plate	N/A
24	Throttle Lever	N/A	77	Primary Shaft	N/A
25	Throttle Lever Locking Tab	43-6414	78	Secondary Shaft	N/A
26	Throttle Lever Nut	43-6413	79	Secondary Throttle Plate	N/A
27	Bushing	N/A	80	Main Jet	43-5322 thru 43-5342
29	Lever	N/A	81	Power Valve Gasket	N/A
30	Spring	N/A	82	Power Valve	N/A
31	Screw	N/A	83	Gasket	N/A
33	Spring	N/A	84	Screw	N/A
34	Washer	N/A	85	Fuel Filter Plug	N/A
35	Lever	N/A	88	Choke Shaft	N/A
36	Screw	N/A	89	Screw	N/A
37	Spring	N/A	92	Fuel Filter	N/A
39	Screw	N/A	93	Choke Plate	N/A
40	Bushing	N/A	94	Choke Element Holding Ring Screw	N/A
41	Washer	N/A	95	Pump Needle	N/A
42	Rod	N/A	96	Washer	N/A
43	Washer	N/A	97	Auxiliary Venturi	N/A
45	Spring	N/A	98	Base Gasket	3409/3411
46	Auto Choke Body Assembly	N/A			

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

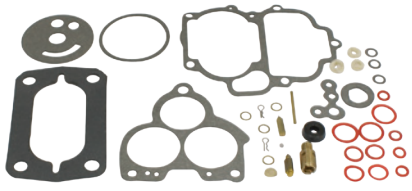
EMPI CARBURETOR TUNE-UP KITS

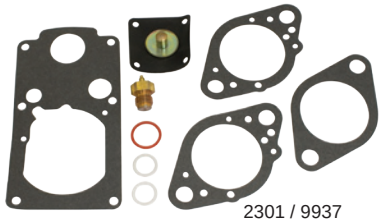
The kits in section 1 are basic repair kits and come complete with needle/seat, all necessary o-rings and gaskets. The kits in section 2 are considered overhaul kits with all necessary components included. Some kits come with floats and accelerator pump diaphragms as noted.

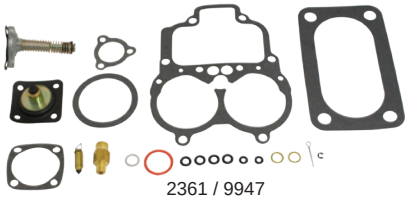
Application	Accelerator Pump Diaphragm Incl.	Boxed	Skinpacked
Universal VW Solex (28, 30, 34) (Ref. P/N: 113 198 575URK) Also referred to as 111 198 569ZW	Y	**2500**	**9936**
VW Type 2, 72-74, Type 3, 64-67, Solex 34 PDSIT-2-3	Y	**2231**	**9939**
WEBER Progressive DFV/DFAV/DFEV, Holley 5200, EPC 32/36F (VOLKSWAGEN)	Y	**2202**	**9932**
WEBER 34 ICT, EPC 34	Y	**2365**	**9951**
WEBER 32/36 DGV/DGEV/DGAV, EPC 32/36 (JEEP, SUZUKI, TOYOTA)	Y	**2361**	**9947**
WEBER 34 ICH, EPC 34X	Y	**2365**	**9951**
WEBER 40 DCNF	Y	**2345**	**9948**
WEBER 40-44 IDF/40-44 HPMX (with Late Model Diaphram)	Y	**2362**	**9949**
WEBER 38 DGS/DGAS/DGES, EPC 38	Y	**2361**	**9947**
Dellorto 36/40/45 DRLA, (Supplied with Dellorto Style Needle / Seat)	Y	**2364**	**9950**
Holley Bug Spray	N	**2238**	**9933**
Zenith 32NDIX - Minor	N	**2258**	**9934**
EMPI 40K / Brosol / Kadron / Solex 40/44	Y	**2301**	**9937**


2202 / 9932

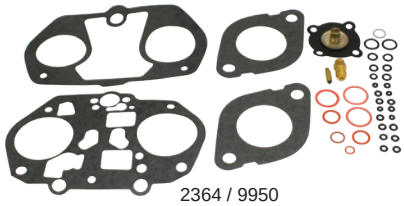
2231 / 9939

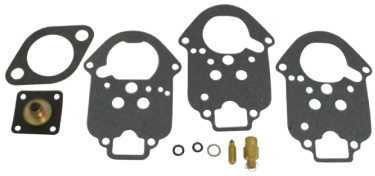

2238 / 9933

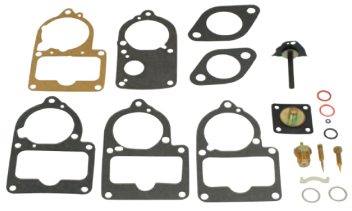

2301 / 9937


2361 / 9947

2362 / 9949


2364 / 9950


2365 / 9951


2500 / 9936

ACCELERATOR PUMP DIAPHRAGMS

43-5725 For 40/44 HPMX, 40/44 IDF, Each

43-5726 For EPC 32/36F, 32/36 DFV, Each

43-5728 For EPC 34, 34 ICT, Each

43-5727 For 32/36 DGV, EPC 32/36, 38 DGS, EPC 38, Each

44-1117 NEW! For 36, 40 & 45mm "D" Carb, Each

43-5725

43-5726

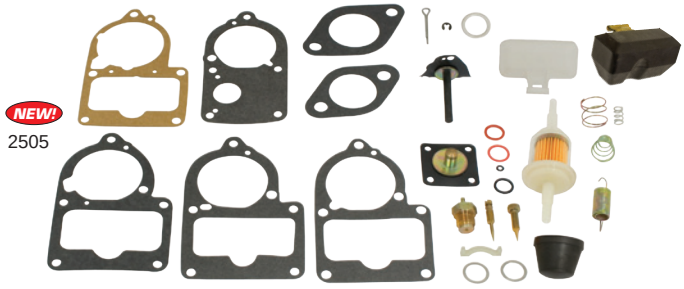
43-5727

43-5728

44-1117 NEW!

EMPI DELUXE CARBURETOR TUNE-UP KITS (SKINPACKED ONLY)

Application		
Universal VW Solex (28, 30, 31, 34) NEW! Includes Fuel Filter, 2 Floats, Accelerator Pump Diaphram, Vacuum Diaphram, Volume Control Screw Spring, Throttle Return Spring, Cotter Pin, C-Clip and Washer	NEW!	**2505**
EMPI 40K / Brosol / Kadron / Solex 40/44 Includes Fuel Filter, Float, Pump Diaphram, Check Ball and Spring	NEW!	**2507**


NEW!
2505

2507 NEW!

EMPI DELUXE OVERHAUL / REBUILD KITS (BOXED ONLY)

Reference Carburetor Type	EMPI Kit	Acc. Pump Dia. Incl.	Float Incl.
36/40/45 EMPI "D", DRLA NEW! *(Supplied with EMPI Style Needle / Seat)* *(See Page 86 for more details)*	**44-1125**	Y	Y
34 ICH, EPC 34X	**43-5800**	Y	Y
34 ICT, EPC 34	**43-5801**	Y	Y
38 DGS/DGAS/DGES, EPC 38	**43-5802**	Y	Y
32/36 DGV/DGEV/DGAV, EPC 32/36 *(JEEP / SUZUKI / TOYOTA)*	**43-5802**	Y	Y
32/36 DFEV, EPC 32/36F *(VW)*	**43-5804**	Y	Y
40 DCOE *Paper T/Cvr. (1.75 N/Seat)*	**43-5808**	N	Y
40 DCOE *Paper T/Cvr. (2.00 N/Seat)*	**43-5809**	N	Y
40 IDF/40 HPMX	**43-5813**	Y	Y
44 IDF/44 HPMX	**43-5813**	Y	Y

Reference Carburetor Type	EMPI Kit	Acc. Pump Dia. Incl.	Float Incl.
45 DCOE *Paper T/Cvr. (1.75 N/Seat)*	**43-5808**	N	Y
45 DCOE *Paper T/Cvr. (2.00 N/Seat)*	**43-5809**	N	Y
48 DCO SP *Paper T/Cvr. (1.75 N/Seat)*	**43-5808**	N	Y
48 DCO SP *Paper T/Cvr. (2.00 N/Seat)*	**43-5809**	N	Y
48 IDA, EPC 48/51	**43-5815**	N	Y
50 DCO/DCO 1SP *Paper T/Cvr. (1.75 N/Seat)*	**43-5808**	N	Y
50 DCO/DCO 1SP *Paper T/Cvr. (2.00 N/Seat)*	**43-5809**	N	Y
55 DCO/DCO 1SP *Paper T/Cvr. (1.75 N/Seat)*	**43-5808**	N	Y
55 DCO/DCO 1SP *Paper T/Cvr. (2.00 N/Seat)*	**43-5809**	N	Y

44-1125 NEW!

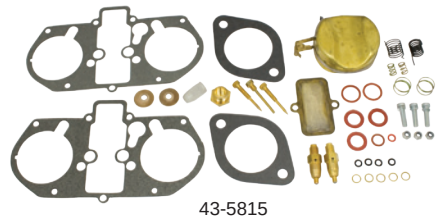
43-5801

43-5802

43-5804

43-5808

43-5813


43-5815

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

INTAKE - ACCESSORIES, JETS & MISC.

EMPI maintains a huge inventory of Replacement Parts and Jets for EMPI/WEBER/Solex Carburetors. For fine tuning of any carburetor listed below, just look up the series of your carburetor and which jet style you need, then match the size of the jet to the EMPI part number listed. All Metering Components listed are sold as "Each's". **All component parts are of EMPI's own brand unless specified. (Series are used as reference only).**

IDLE JETS FOR THE FOLLOWING CARBS:

74405.XXX SERIES

40/44 HPMX, 40/44/48 IDF, DCNF

SIZE	P/N
.40	43-5510
.45	43-5511
.47	43-5512
.50	43-5513
.52	43-5514
.55	43-5546
.57	43-5515
.60	43-5516
.65	43-5517
.70	43-5518

74409.XXX SERIES

EPC 34, 34 ICT, EPC 32/36 (Primary), 32/36 DGV (Primary), EPC 38E (Primary), 38 DGS (Primary)

SIZE	P/N
.40	43-5519
.45	43-5520
.50	43-5521
.55	43-5522
.60	43-5523
.65	43-5547
.70	43-5548
.75	43-5549

74403.XXX SERIES

EPC 32/36, 32/36 DGV, EPC 32/36F, 32/36 DFV, EPC 38E, 38 DGS

SIZE	P/N
.40	43-5501
.45	43-5502
.50	43-5503
.55	43-5504
.60	43-5505
.65	43-5506
.70	43-5507
.75	43-5508

74821.XXX SERIES

DCOE F8

SIZE	P/N
.40	43-5524
.45	43-5525
.50	43-5526
.55	43-5527
.60	43-5528
.65	43-5529

74822.XXX SERIES

DCOE F9

SIZE	P/N
.40	43-5530
.45	43-5531
.50	43-5532
.55	43-5533
.60	43-5534
.65	43-5535

74823.XXX SERIES

EPC 48/51, 48 IDA

SIZE	P/N
.40	43-5536
.45	43-5537
.50	43-5538
.55	43-5539
.60	43-5540
.65	43-5541
.70	43-5542
.75	43-5543

MAIN JETS FOR THE FOLLOWING CARBS:

73401.XXX SERIES

40/44 HPMX, 40/44/48 IDF, EPC 48/51, 48 IDA, DCO / DCOE

SIZE	P/N
1.10	43-5301
1.15	43-5302
1.20	43-5303
1.25	43-5304
1.30	43-5305
1.35	43-5306
1.40	43-5307
1.45	43-5308
1.50	43-5309
1.55	43-5310
1.60	43-5311
1.65	43-5312
1.70	43-5313
1.75	43-5314
1.80	43-5315
1.85	43-5316
1.90	43-5317
1.95	43-5318
2.00	43-5319
2.05	43-5320
2.10	43-5321

73801.XXX SERIES

EPC 32/36, 32/36 DGV, EPC 32/36F, 32/36 DFV, EPC 38E, 38 DGS, EPC 34, 34 ICT

SIZE	P/N
1.10	43-5322
1.15	43-5323
1.20	43-5324
1.25	43-5325
1.30	43-5326
1.35	43-5327
1.40	43-5328
1.45	43-5329
1.50	43-5330
1.55	43-5331
1.60	43-5332
1.65	43-5333
1.70	43-5334
1.75	43-5335
1.80	43-5336
1.85	43-5337
1.90	43-5338
1.95	43-5339
2.00	43-5340
2.05	43-5341
2.10	43-5342

AIR JETS FOR THE FOLLOWING CARBS:

77401.XXX SERIES

40/44 HPMX, 40/44/48 IDF, EPC 48/51, 48 IDA, DCOE

SIZE	P/N
1.00	43-5401
1.05	43-5402
1.10	43-5403
1.15	43-5404
1.20	43-5405
1.25	43-5406
1.30	43-5407
1.35	43-5408
1.40	43-5409
1.45	43-5410
1.50	43-5411
1.55	43-5412
1.60	43-5413
1.65	43-5414
1.70	43-5415
1.75	43-5416
1.80	43-5417
1.85	43-5418
1.90	43-5419
1.95	43-5420
2.00	43-5421
2.05	43-5422
2.10	43-5423
2.15	43-5424
2.20	43-5425

77201.XXX SERIES

EPC 32/36, 32/36 DGV, EPC 32/36F, 32/36 DFV, EPC 38E, 38 DGS, EPC 34, 34 ICT

SIZE	P/N
1.05	43-5426
1.10	43-5427
1.15	43-5428
1.20	43-5429
1.25	43-5430
1.30	43-5431
1.35	43-5432
1.40	43-5433
1.45	43-5434
1.50	43-5435
1.55	43-5436
1.60	43-5437
1.65	43-5438
1.70	43-5439
1.75	43-5440
1.80	43-5441
1.85	43-5442
1.90	43-5443
2.00	43-5444

INTAKE - ACCESSORIES, JETS & MISC.

All component parts are of EMPI's own brand unless specified. (Series are used as reference only).

PUMP EXHAUST VALVES FOR THE FOLLOWING CARBS:

79701.XXX SERIES

40/44 HPMX, 40/44/48 IDF, EPC 48/51, 48 IDA, DCO/DCOE

SIZE	P/N
0.000	**43-5650**
0.350	**43-5651**
0.500	**43-5652**
0.550	**43-6400**

EMULSION TUBES FOR THE FOLLOWING CARBS:

61450.XXX SERIES

40/44 HPMX, 40/44/48 IDF, EPC 48/51, 48 IDA, DCO/DCOE

SIZE	P/N
F2	**43-5670**
F3	**43-5671**
F4	**43-5672**
F5	**43-5673**
F7	**43-5674**
F8	**43-5675**
F9	**43-5676**
F10	**43-5677**
F11	**43-5678**
F14	**43-5679**
F15	**43-5680**
F16	**43-5681**

61440.XXX SERIES

EPC 32/36, 32/36 DGV, EPC 32/36F, 32/36 DFV, EPC 34, 34 ICT, EPC 38E, 38 DGS

SIZE	P/N
F6	**43-5682**
F24	**43-5683**
F50	**43-5684**
F66	**43-5685**

AUXILLARY VENTURIS FOR THE FOLLOWING CARBS:

71111.350 SERIES

EPC 32/36, 32/36 DGV

SIZE	P/N
3.5mm	**43-5687**

MAIN VENTURI'S FOR THE FOLLOWING CARBS:

72302.XXX SERIES

40DCOE

SIZE	P/N
28mm	**43-5601**
30mm	**43-5602**
32mm	**43-5603**
34mm	**43-5604**
36mm	**43-5605**

71506.XXX SERIES

40 IDF

SIZE	P/N
28mm	**43-5606**
30mm	**43-5607**
32mm	**43-5608**

71507.XXX SERIES

40/44 HPMX, 44 IDF

SIZE	P/N
28mm	**43-5625**
30mm	**43-5626**
32mm	**43-5609**
34mm	**43-5610**
36mm	**43-5611**

72116.XXX SERIES

45DCOE

SIZE	P/N
30mm	**43-5612**
32mm	**43-5613**
34mm	**43-5614**
36mm	**43-5615**
38mm	**43-5616**
40mm	**43-5617**

72128.XXX SERIES

EPC 48/51, 48IDA

SIZE	P/N
40mm	**43-5618**
42mm	**43-5619**
44mm NEW!	**43-5621**

72136.XXX SERIES

48, 50, 55DCO

SIZE	P/N
42mm	**43-5620**

ACCELERATOR PUMP JETS FOR THE FOLLOWING CARBS:

76801.XXX SERIES

DCOE

SIZE	P/N
0.35	**43-5380**
0.40	**43-5381**
0.45	**43-5382**
0.60	**43-5384**
0.65	**43-5385**
0.70	**43-5386**

76210.XXX SERIES

40/44 HPMX, 40/44/48 IDF

SIZE	P/N
0.40	**43-5388**
0.50	**43-5389**
0.55	**43-5390**

76215.XXX SERIES

EPC 32/36, 32/36 DGV (Double Squirter)

SIZE	P/N
0.40	**43-5391**
0.45	**43-5392**
0.50	**43-5393**
0.55	**43-5394**
0.60	**43-5395**
0.65	**43-5396**
0.70	**43-5397**

EPC 32/36, 32/36 DGV (Single Squirter)

SIZE	P/N
0.50	**43-5398**

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

INTAKE - ACCESSORIES, JETS & MISC.

All component parts are of EMPI's own brand unless specified. (Series are used as reference only).

NEEDLE VALVE FOR THE FOLLOWING CARBS:

79503.XXX SERIES

76511.XXX SERIES

79518.XXX SERIES

79519.XXX SERIES

DCN, DCNF, DCOE		*40/44 HPMX, 40/44/48 IDF*		*EPC 38E, 38 DGS*		*EPC 32/36, 32/36 DGV, EPC 32/36F, 32/36 DFV*	
SIZE	**P/N**	**SIZE**	**P/N**	**SIZE**	**P/N**	**SIZE**	**P/N**
1.50mm	**43-5360**	1.50mm	**43-5366**	2.00mm	**43-5369**	1.50mm	**43-5371**
1.75mm	**43-5361**	1.75mm	**43-5367**			1.75mm	**43-5372**
2.00mm	**43-5362**	2.00mm	**43-5368**			2.00mm	**43-5373**
2.25mm	**43-5363**					2.50mm	**43-5374**
2.50mm	**43-5364**						
3.00mm	**43-5365**						

MISC. PARTS

43-0620

EPC 32/36F, 32/36 DFV, 32/36 DFEV

DESCRIPTION	P/N
Electric Choke Element	**43-0620**

MISC. PARTS *40/44 HPMX, 40/44/48 IDF (All Sold Each)*

43-6410

43-6413

43-6414

43-6417

43-6422

43-6440

43-6423

43-6424

43-6552

DESCRIPTION	P/N
Pump Jet Washer	**43-6410**
Throttle Shaft Nut, 7mm Thread, 11mm Hex	**43-6413**
Throttle Shaft Lock Tab Washer	**43-6414**
Idle Jet O-Ring	**43-6417**
Cupwasher for O-Ring	**43-6422**
Spring for Mixture Screw	**43-6423**
Mixture Screw	**43-6424**
Extented Jet Holder for Emulsion Tubes	**43-6440**
Plug and Washer	**43-6552**

MISC. PARTS

43-5350

43-5351

EPC 32/36, 32/36 DGV, EPC 38E, 38 DGS, 38 DGEV, 38 DGES

DESCRIPTION	P/N
Idle Cut-Off Solenoid	**43-5350**
Electric Choke Element	**43-5351**

NOTE FOR 43-5350
Some Carburetors may require clearancing to fit

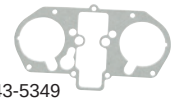
MISC. PARTS *EPC 48/51 & 48 IDA CARBS*

43-5344

43-5346

43-5343

43-5347



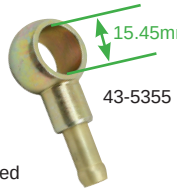
43-5349

43-5345

43-6973

43-5348

Banjo Fitting Installed

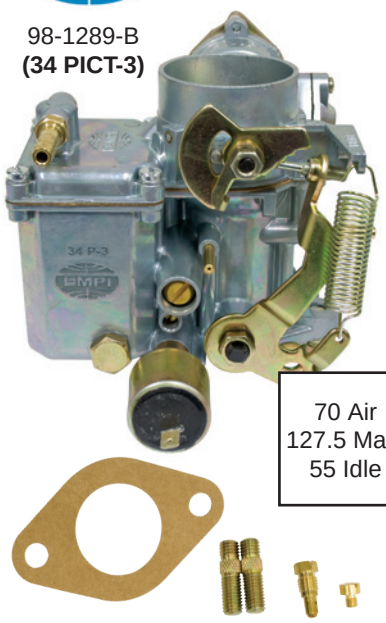


43-5355

43-5353

DESCRIPTION	P/N
3.0 Needle and Seat (To Replace 2.0)	**43-5343**
Stack Hold Down Screw and Washer	**43-5344**
Stack Hold Down Tab	**43-5345**
Fast Idle Screw and Spring	**43-5346**
Air Fuel Mixture Screw and Spring	**43-5347**
Main Jet Screen	**43-5348**
Top Gasket	**43-5349**
Auxiliary Venturi	**43-5353**
Banjo Fitting w/ Press In 1/4" Barb	**43-5355**
Brass Float Only	**43-6973**

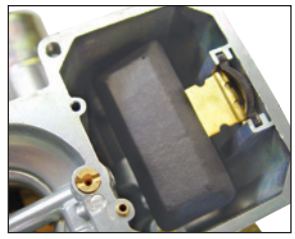
98-1289-B
(34 PICT-3)



70 Air
127.5 Main
55 Idle

STOCK REPLACEMENT CARBURETORS

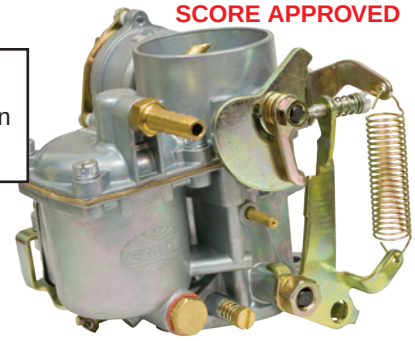
EMPI now has available stock replacement carburetors for most of the popular applications. Whether it's to just keep your car running or a full blown restoration, we have the carburetor that's right for you. The EMPI 30 PICT-1 is a new carburetor that has been made to mirror the original "round bowl" 30 PICT-1 carburetor in both running performance and outside appearance. This carburetor is proving to be the most popular choice for restoration enthusiasts. This carburetor is now SCORE approved for classes 1-2/1600, 5/1600, 9, 11. We also offer an EMPI version of the popular 34 PICT-3 carburetor that has also been engineered "true to the original". This carburetor will cover all 1600cc dual port engine requirements. Stock carburetors from Brosol/Solex are also available along with the most common replacement/service items. EMPI carburetors include gasket and studs. The 34 PICT-3 also includes a jet pack for high ethanol fuels and/or header.



NEW ADJUSTABLE FLOAT
(34 PICT-3)

98-1288-B
(30 PICT-1)
SCORE APPROVED

115 Air
120 Main
55 Idle



EMPI MODIFIED 30 PICT-1 Carburetor for Off-Road Vehicles

For the hardcore competitor we here at EMPI offer a modified version of our popular 30 PICT-1 carburetor. This new carburetor has been Baja 1000 tested and is SCORE approved with all the features of a winner. The float bowl has been externally vented to help avoid fuel-slosh and flooding on rough terrain and the old vent tube has been removed and plugged. The fuel inlet has been threaded and a screw-in fitting is supplied. Dual return springs alleviate the chance of a stuck open throttle. The choke assembly has been removed and plugged on both sides. This is a serious and well thought-out carburetor but will still require re-jetting for your performance application.

43-6824

43-6822

98-1289-B	EMPI 34 PICT-3 Carb.
(Ref. P/N: 113 129 031KE)	Will clear alternator on late model applications 12-Volt Choke
43-6824	Replacement Float for 98-1289-B, 98-1292-B, 98-1300-B, 98-1225-B

98-1288-B	EMPI 30 PICT-1 Carb.
(Ref. P/N: 113 129 027E)	12-Volt Choke
Score Approved Classes 1-2/1600, 5/1600, 9, 11	
43-6822	Replacement Float for 98-1287-B and 98-1288-B

98-1287-B	EMPI Modified 30 PICT-1 12-Volt Choke Carb
Score Approved Classes 1-2/1600, 5/1600, 9, 11 (Off-Road Only)	

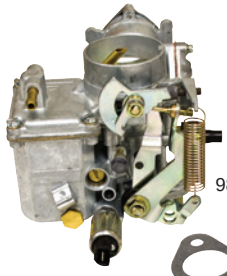
115 Air
120 Main
55 Idle

98-1287-B
(30 PICT-1)
Baja Tested
Score Approved
Off-Road Only

EMPI 30 / 31 PICT-3 Carburetor

Recommended for all engine sizes up to 1600cc for ease of set up, the 30/31 PICT-3 fits both Single and Dual Port Manifolds and works well with the 009 distributor with less chance of flat spots. It features a 12-Volt Idle Shut-Off Solenoid, has a SVDA Vacuum Port and is a direct replacement for all 12-Volt 30PICT Single Port applications. Customer can remove adapter for use on 30mm 67-70 models. Very similar to our 98-1292-B carb.

120 Air
120 Main
50 Idle



98-1225-B

98-1225-B	30/31 PICT-3 Carburetor with Adapter and Hardware
(Ref. P/N: 113 129 027H)	12-Volt Choke

(See page 124, 125 and 160 for replacement parts for Carburetors)

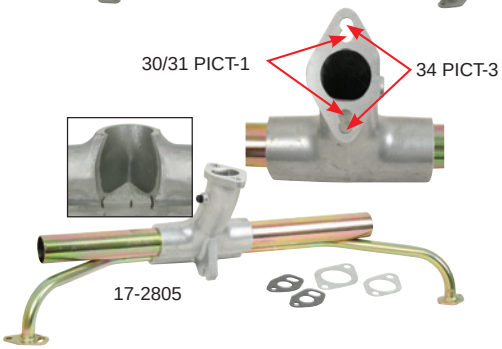
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

115 Air
120 Main
55 Idle

98-1292-B
(Carb Only)
(31 PICT-3)

98-1300-B Kit

98-1311-B



30/31 PICT-1

34 PICT-3

17-2805

98-1293-B

049 129 412C

058 129 413D

NEW!

113 129 191G

BROSOL / SOLEX PICT CARBURETORS

31 PICT-3 CARBURETOR W/ ADAPTER

Now you can run the 31 PICT-3 carburetor on your Dual Port manifold, replacing the stock, smog-era 34 PICT-3 carb. Comes complete with Carburetor, adapter, gaskets and hardware for a simple installation. Fits most stock Dual Port intake manifolds.

98-1292-B Brosol/Solex Carburetor Only.
31 PICT-3, Dual Arm, 12-Volt Choke.
(Ref. P/N: 113 129 029A)

98-1300-B Brosol/Solex 31 PICT-3 Carburetor with Adapter Kit., 12-Volt Choke

(See page 124, 125 and 160 for replacement parts for Carburetors)

SINGLE PORT MANIFOLD

98-1311-B Intake Manifold, Single Port,1500-1600cc,
30mm Base, Type 1 66-70, Ghia 66-70, Type 2 64-70
(Ref. P/N: 113 129 701K)

DUAL PORT 30 / 31 / 34 PICT MANIFOLD

This manifold allows for the use of 30 PICT-1, 31 PICT-3 or 34 PICT-3 carburetors without adapters. Manifold flange is drilled for either stud pattern and comes with heat risers, gaskets, and 1/8" pipe plug. Drilled and tapped for optional vacuum advance.

17-2805 30 / 31 / 34 Intake Manifold, Kit
(Ref. P/N: 113 129 701AQ)

CARBURETOR ACCESSORIES

ADAPTER KIT - SCORE LEGAL

98-1293 Adapter Kit to use a 30 or 30/31 Carburetor on a Dual Port (34Pict) Intake Manifold.
(Called out by EMPI part number in the SCORE rule book)

98-1293-B Bulk Adapter Kit to use a 30 or 30/31 Carburetor on a Dual Port (34Pict) Intake Manifold.
(Ref. P/N: 113 129 034KIT) (Called out by EMPI part number in the SCORE rule book)

AIR BY-PASS VALVE

98-1297 Idle Shut-Off Valve, 12 Volt. Fits 34-3, 34-4 and 34 PDSIT 2/3 Carburetors. Fits 98-1225-B 98-1289-B, 98-1292-B and 98-1300-B.
(Bulk P/N: 049 129 412C) Kit

98-1303 NEW! Idle Shut-Off Valve, 12 Volt. Fits Type 1 67-70, Type 2 67-70. Stock Solex Carb, 30 Pict, 30 Pict 2, 31 Pict and 34 PDSIT-2.
(Bulk P/N: 058 129 413D) Kit

CHOKE

98-1305-B Choke Unit, 12-Volt. Fits 67 and later 30, 30/31 and 34 PICT models of EMPI, Brosol, Bocar and Solex Carburetors. Fits 98-1225-B, 98-1287-B, 98-1288-B, 98-1289-B, 98-1292-B and 98-1300-B.
(Ref. P/N: 113 129 191G)

EMPI STOCK-STYLE DUAL PORT END CASTING KIT

Stock-Style Dual Port End Castings for the look and fit of stock. Comes complete with necessary clamps and new intake boots. These castings are new, not used.

3238 Stock-Style Dual Port End Casting Kit, Type 1, 2 & 3
(Ref. P/N: 113 129 710D/9G)

DUAL PORT END KIT

Thick enough for Porting & Polishing and larger internally. These new ball burnished Aluminum end castings come complete with necessary clamps and new intake boots.

3236 Dual Port End Kit, Type 1, 2 & 3

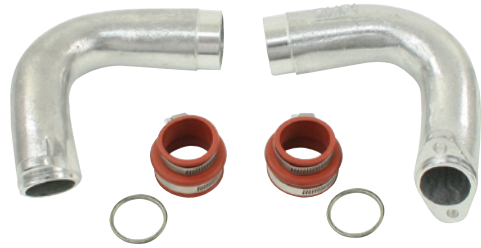
SINGLE PORT END KIT

Cast Aluminum Ends for use with Center Section Style manifolds with Single Port Heads. Complete with necessary clamps and crush rings.

3237 Single Port End Kit, Type 1, 2 & 3

3413 Replacement Single Port Installation Kit
(Boots, Clamps, Metal O-Rings)

3237-7 NEW! Bulk Single Port Metal O-Ring, Each
(Ref. P/N: 311 129 707)



3237-7

DUAL PORT SPLIT INTAKE BOOTS

Revolutionary Split-Boot design puts an end to manifold vacuum leaks and installation headaches. I.D. of small end is 1 1/4". I.D. of large end is 1 1/2".

9960 Spilt-Boot Intake Boots w/Clamps, Pair
(Bulk P/N: 113 129 729BB) Boot Only, Each

UNIVERSAL NYLON A/C FITTING

8998 Universal 90° Nylon Fitting w/Nylon Nut

THROTTLE RETURN SPRING

98-1313-B Throttle Return Spring, Each
Type 1 65-74, Ghia 65-74, Type 2 65-71
(Ref. P/N: 113 129 881A)

DUAL PORT INSTALLATION KIT

Quality Step-Style Boots available in Red or Black. Now also available in Urethane. Clamps and quality dual port intake gaskets are included.

3230 Dual Port Installation Kit - Red
3412 Dual Port Installation Kit - Black

3231-B Bulk Boot Only, Black, Each
(Ref. P/N: 113 129 729B)
3404-B Bulk Boot Only, Red, Each
(Ref. P/N: 113 129 729BS)

3215 Intake Boot Clamp - Small, Pair, Skinpacked
(Bulk P/N: 113 129 620) Each
3216 Intake Boot Clamp - Large, Pair, Skinpacked
(Bulk P/N: 113 129 730) Each

3403-B Bulk Red Urethane D/P Boot, Each
3229 Dual Port Installation Kit utilizing Red Urethane Boots
3407-B Bulk Black Urethane D/P Boot, Each
3228 Dual Port Installation Kit utilizing Black Urethane Boots

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URETHANE

URETHANE CARB ISOLATORS

These innovative Isolator Mounts fit between the intake manifold & carburetor to dampen fuel vibrations in EMPI and Weber float bowls. By absorbing the shock you will reduce fuel foaming, cut down on erratic needle & seat motion, stabilize the fuel curve. Made from specially formulated polyurethane. These mounts are approximately .200" thick.

B156212 Carb Soft Mounts, Fits 40 IDF Weber, EMPI 40 HPMX and EMPI "D" Series, 40mm I.D., Pair, Black
B156215 NEW! Carb Soft Mounts, Fits 44 IDF Weber & EMPI 40 HPMX and EMPI "D" Series, 44mm I.D., Pair, Black
B156214 Carb Soft Mounts, Fits 48 IDA-48 IDF Webers & EMPI EPC 48's, 48mm I.D., Pair, Black
B156216 NEW! Carb Soft Mounts, Fits 51 IDA Weber & EMPI EPC 51's, 51mm I.D., Pair, Black

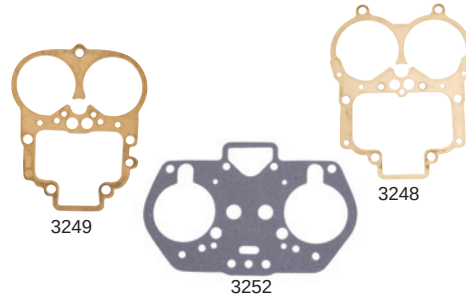
GASKETS - INTAKE, CARB BASE & AIR FILTER BASE

CARB CASTING GASKETS

3252 40/44 HPMX (IDF) Carb Casting Gasket, Pair

3248 38EGAS (DGV) Carb Casting Gasket, Pair

3249 32/36F (DFV) Carb Casting Gasket, Pair



INTAKE MANIFOLD GASKETS

3250 Dual Port Gaskets, Pair

3251 Dual Port Gaskets w/o Pin Holes, Pair

3227 Type 2 & 4-1.7-2.0 L 3 & 4-Bolt Gaskets, Pair

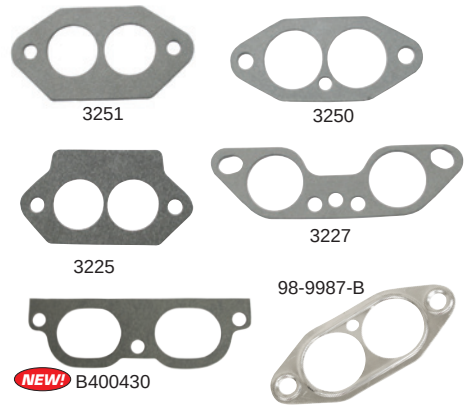
3225 Dual Port Main Gasket for P/N: 43-5214, 43-5215, Pair

98-9987 NEW! Dual Port Metal Gasket, Stock Style, Pair

98-9987-B Bulk Dual Port Metal Gasket, Stock Style, Each
(Ref. P/N: 113 129 717A)

B400430 NEW! Bugpack Super Flo Intake Gaskets, Pair

3247 NEW! Bugpack Intake Manifold Gasket 356/912, Pair



CARB BASE GASKETS

3254 30 PICT 1 Base Gasket, Pair
(Bulk P/N: N137761, Each)

3253 34 PICT 3 Base Gasket, Pair
(Ref. P/N: 113 129 707A, Each)

3396 48-51 IDA/EPC Gaskets, Pair (New Design)

3278 WEBER 40/42 DCNF Gaskets, Pair

3315 40-44 IDF/HPMX/DRLA Gaskets, Pair

3316 WEBER 34 ICT Gaskets, Pair

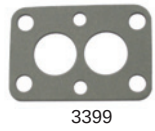
3399 Holley Bug Spray/Zenith, Pair

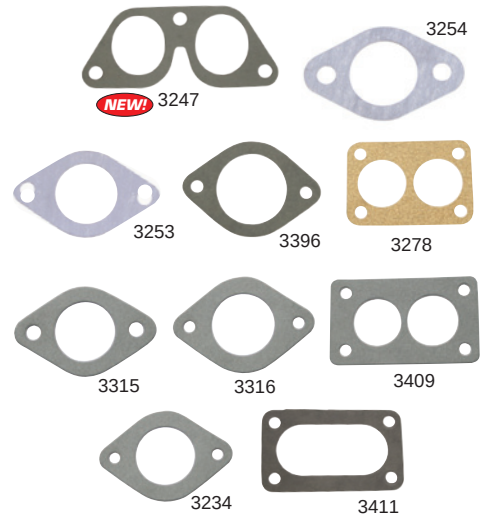
3409 Holley/WEBER DFV Gaskets, Isolated Type, Pair

3411 Holley/WEBER DFV, 38EPC (DGS), 32/36 EPC (DGV) Gaskets, Plenum Type, Pair

3234 EMPI/Solex/Brosol 40EIS Gaskets, Pair

98-0119-B 28/30 PICT Base Gasket, Each
(Ref P/N: N013 776 1)





AIR FILTER BASE GASKETS

3210 WEBER IDF, HPMX, DRLA Gaskets, Pair

3211 WEBER DFV/Holley-WEBER Gaskets, Pair

3212 WEBER DCNF Gaskets, Pair

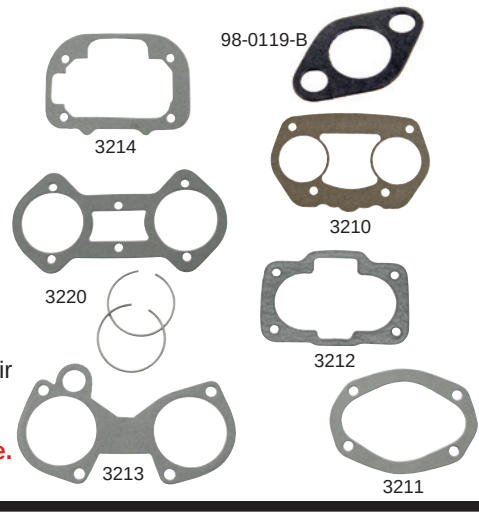
3213 WEBER DCOE Gaskets, Pair

3214 WEBER DGV, DGS Gaskets, Pair

3220 48 IDA Air Cleaner Base Gasket w/Velocity Stack Spacers, Pair

8800 Brosol/Solex Gaskets, Pair

Note: Many Gaskets are available in Bulk. Ask your sales person for assistance.



UNIVERSAL PLASTIC IN-LINE FUEL FILTER

Quick and easy to install these inexpensive paper filters prevent dirt and sediment from clogging your carb. Fits both 5/16" and 1/4" fuel lines.
(10 pieces per box, priced per box) 1 = 10pcs.

9100 Universal Plastic Fuel Filter, Box of 10
(Ref. P/N: 803 201 511C)

UNIVERSAL GLASS SEE THROUGH FUEL FILTERS

Quick and easy to install, these see through glass filters have a plastic screen filter that prevents dirt and sediment from clogging your carb. Disassembles for easy cleaning or filter replacement. Now available with female threads on both ends of the filter. These new filters are supplied with three pair of plastic nylon fittings. This includes 1/4", 5/16", and 3/8" fittings for the corresponding fuel hose sizes.

FUEL FILTERS

9104 Fuel Filter Only with 1/4", 5/16", and 3/8" fittings
9109 Replacement Element, Pack of 2

FUEL FILTER KIT

9065 Fuel Filter Kit, w/Hose & Clamp,
Fits 1/4", 5/16" and 3/8" fittings

FUEL LINE (STEEL)

98-1184-B Steel Fuel Line, 26", Type 1, Ghia 66-74,
Type 2 66-74, Type 3 63-71
(Ref. P/N: 113 127 521A)

FUEL HOSE

Heavy duty reinforced fuel hose. Same High Quality Hose as used in all EMPI Carburetor Kits. Available in 1/4" and 5/16" and sold in 3 lengths. We also offer stock style braided fabric fuel hose in 3.5mm I.D. and 5mm I.D.

3525 1/4" x 5' Length, Skin packed
3526 1/4" x 25' Length, Boxed
3527 1/4" x 50' Length, Boxed

3529 5/16" x 5' Length, Skin packed
3530 5/16" x 25' Length, Boxed
3531 5/16" x 50' Length, Boxed

98-0122-B OE Style Braided Fabric Fuel Hose, 3.5mm I.D. x 10 Meter, Bulk
(Ref P/N: N20-353-1)

98-0123-B OE Style Braided Fabric Fuel Hose, 5mm I.D. x 10 Meter, Bulk
(Ref P/N: N20-355-1)

BRAIDED STAINLESS LINE

Our 1/4" (#4) Braided Stainless Line provides good looks and reliability.
Sold in 3 lengths.

8810 1/4" x 5' Length, Skin Packed
8811 1/4" x 10' Length, Skin Packed
8812 1/4" x 25' Length, Boxed

9224 Hose Clamp, 1/4" & 5/16", Pack of 4

STOCK FUEL PUMPS AND FUEL PUMP SPACER

Replacement Fuel Pumps.
(See hard parts section in back of catalog for push rods, gaskets, fuel hose, etc.)

98-1271 Fuel Pump, 1200-1600cc w/Generator, Type 1 61-73, Ghia 61-73, Type 2 61-71, Type 3 64-67
(Bulk P/N: 113 127 025BCD)

98-1270 Fuel Pump, **Chrome**, 1200-1600cc w/Generator, Type 1 61-73, Ghia 61-73, Type 2 61-71, Type 3 64-67
(Bulk P/N: 113 127 025BCH)

98-2079 Fuel Pump, 1600cc w/Alternator, Type 1 74-75, Ghia 74
(Bulk P/N: 113 127 025G)

98-2080 Fuel Pump Spacer, 1200-1600cc, Each, Type 1 61-74, Ghia 61-74, Type 2 61-71, Type 3 64-67
(Bulk P/N: 113 127 303)

98-1181-B Push Rod, Fuel Pump w/Alt, (100mm), Type 1 73-74, Ghia 73-74, Each
(Ref. P/N: 113 127 307A) Used with Alternator / Angled Pump (98-2079)

98-1180-B Push Rod, Fuel Pump, (108mm), Type 1 61-73, Type 2 61-71, Type 3 62-67, Ghia 61-73, Each
(Ref. P/N: 113 127 307) Used with Generator / Straight Pump (98-1270 / 98-1271)

98-1182-B Gasket, Fuel Pump Flange Mounting, Type 1 61-74, Ghia 61-74, Type 2 61-71, Type 3 64-67, Each
(Ref. P/N: 113 127 311)

98-1183-B Gasket, Fuel Pump Mounting, Type 1 61-74, Ghia 61-74, Type 2, 61-71, Type 3 64-67, Each
(Ref. P/N: 113 127 313)

FUEL PUMP BLOCK-OFF / MOUNT

Aluminum block off with 12mm x 1.5 threaded breather boss. Includes mounting gasket.

9094 Fuel Pump Block-Off w/Boss

BILLET FUEL PUMP BLOCK-OFF

Billet Aluminum fuel pump block-off. Available in Polished Aluminum, Black, Blue or Red Anodized. Hardware and gasket included.

31-3011 Billet Fuel Pump Block-Off w/Hardware, Polished

18-1091 NEW! Billet Fuel Pump Block-Off w/Hardware, Black

18-1092 NEW! Billet Fuel Pump Block-Off w/Hardware, Blue

18-1093 NEW! Billet Fuel Pump Block-Off w/Hardware, Red

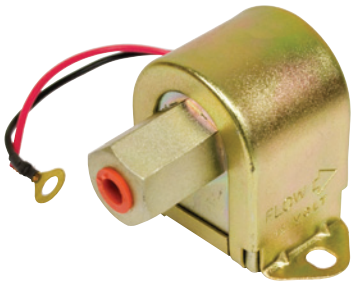
Hardware and gasket included

ELECTRIC FUEL PUMP MOUNT KIT

Allows for the installation of EMPI or Facet electric fuel pumps in the stock pump location. Hardware and gasket included.

31-3010 Electric Fuel Pump Mount Kit

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.



EMPI SOLID STATE ELECTRIC FUEL PUMPS

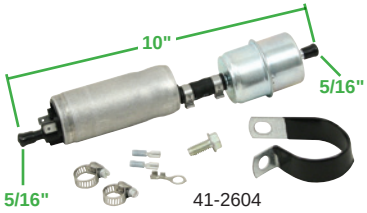
Solid state 12 volt circuitry for reliability and made by EMPI with a H.D. metal case so it will work right and last a long time. Available for standard carburetor use in the 1.5 to 4.0 PSI range or also for high performance use. (It is highly recommended that a fuel pressure regulator be used with any of these pumps on a carburetor application).

41-2500-8	EMPI Fuel Pump Only, 1.5 - 4.0 PSI, Boxed
41-2510-8	EMPI Fuel Pump, 1.5 - 4.0 PSI, w/Fittings & Clamps, Boxed
41-2500	EMPI Fuel Pump, 1.5 - 4.0 PSI, w/Fittings & Clamps, Skinpacked

FACET SOLID STATE ELECTRIC FUEL PUMP

Solid State 12 volt reliability pumping 30 G.P.H @ 2 to 4 P.S.I. Use with gas or alcohol. (It is highly recommended that a fuel pressure regulator be used with any of these pumps on a carburetor application).

41-2000	Fuel Pump Only, Skinpacked
41-2000-8	Fuel Pump Only, Boxed
41-2010	Pump w/Fittings & Clamps, Skinpacked
41-2010-8	Pump w/Fittings & Clamps, Boxed



41-2604

IN-LINE FUEL PUMP W/FILTER

This 12V in-line fuel pump provides a quiet 30 GPH fuel flow at 2-4 PSI and requires no pressure regulator. 5/16" inlet and outlet. Fuel filter and mounting hardware included. Can be used with 6 Volts.

41-2604	In-Line Fuel Pump w/Filter

41-2602

ELECTRONIC FUEL PUMP (SOLENOID TYPE)

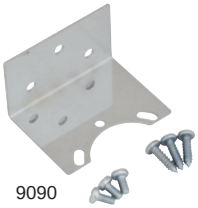
This 12 volt pump produces 5.0 to 5.5 PSI. Complete with mounting hardware and instructions. It is highly recommended that a fuel pressure regulator be used with this pump.

41-2602	NEW!	Electronic Fuel Pump, 12 Volt, (Solenoid)

9102

9097

9224


9090

FUEL PRESSURE REGULATOR

Adjust fuel pressure to your carb. to prevent needle & seat damage on performance carbs. Regulators are adjustable from 0 to full wide open flow. You should use a gauge to check the pressure. Lead Free Gasoline Only, Maximum 7 P.S.I.

9091	Chrome Fuel Pressure Regulator w/Chrome Bracket
9102	Chrome Fuel Pressure Regulator
9090	Chrome Mounting Bracket for P/N: 9102
9097	1/8" NPT x 5/16" Barb Fuel Fitting for P/N: 9102, Pair
9103	1/8" NPT x 1/4" Barb Fuel Fitting for P/N: 9102, Pair
9224	Hose Clamp, 1/4" & 5/16", Pack of 4

STOCK & EXTRA CAPACITY GAS TANKS

Replace that rusted, dirty old gas tank with a new standard or Extra-Capacity tank. Fits Type 1.

95-2001-B

TYPE 1 TANKS

95-2001-B Gas Tank, 60-67 UPS+
Includes Gas Tank Outlet Pipe Kit.
Must use Gas Cap 95-2005-B.
(Ref. P/N: 113 201 075AB)

95-2000-B

95-2000-B Gas Tank, 68-74 UPS+
Includes Gas Tank Outlet Pipe Kit.
(Ref. P/N: 113 201 075AD)

95-2004-B

95-2004-B Extra Capacity 12 1/2 Gal. Gas Tank, 60-67 UPS+
Includes Gas Tank Outlet Pipe Kit.
Must use Gas Cap 95-2005-B.
(Ref. P/N: 113 201 07516)

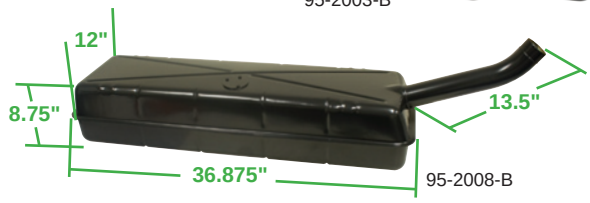
SUPER BEETLE TANKS

95-2002-B

95-2002-B Gas Tank, All Super Beetle (71-74) UPS+
(Ref. P/N: 133 201 075F)

95-2003-B

95-2003-B Gas Tank, All Super Beetle (75-79) UPS+
(Ref. P/N: 133 201 075G)



95-2008-B

TYPE 2 GAS TANKS

95-2008-B Gas Tank, Type 2, 55-67 UPS+
(Ref P/N: 211 201 055B)

95-2011-B

95-2011-B Gas Tank, Type 2, 68-72 UPS+
Includes Sending Unit, Gas Tank Outlet Pipe Kit and Caps for Vent Lines.
Instructions Included.
Uses Special Sending Unit Included with Tank

95-2013-B Gas Tank, Type 2, 73-74 UPS+
Includes Gas Tank Outlet Pipe Kit and Caps for Vent Lines. Utilizes stock sending unit.
Instructions Included.
Uses Stock Sending Unit
(Ref P/N: 211 201 075L)

95-2013-B

95-2012-B Gas Tank, Type 2, 75-79 UPS+
Includes Sending Unit, Gas Tank Outlet Pipe Kit and Cap for Vent Lines.
Instructions Included.
Uses Special Sending Unit Included with Tank

95-2012-B

GAS TANK HOLD DOWN BRACKET

These Brackets / Tabs are used to secure the fuel tank to the body. They are sold each. Four Brackets are required per car. Fits Type 1 49-79, Ghia 56-74, Type 3 62-73 and Thing 73-74. Silver Zinc.

98-8741 NEW! Fuel Tank Retainers, 4 pcs
(Bulk P/N: 113 201 635) Each

GAS CAPS

95-2005 Gas Cap for P/N: 95-2001-B & 95-2004-B Tanks
(Bulk P/N: 95-2005-B)

98-2104 Gas Cap, Type 1 68-71
(Bulk P/N: 113 201 551A)

98-2114 Locking Gas Cap, Black Plastic, Type 1 68-71
(Bulk P/N: 113 201 551AL)

98-2105 Locking Gas Cap, Type 1 72-79
(Bulk P/N: 321 201 551H)

FUEL GAUGE & TANK SENDERS

Stock-style fuel gauge and sending units.

98-2019 Fuel Gauge, Type 1 62-67
(Bulk P/N: 113 919 029)

98-8722 NEW! Fuel Gauge, Type 1 68-79, Thing 73-74
(Bulk P/N: 113 957 063B)

98-2020 Fuel Tank Sending Unit, Manual Sender, Type 1 62-67
(Bulk P/N: 113 919 049C)

98-2021 Fuel Tank Sending Unit, Electric Sender, Type 1, Standard Beetle 68 & Later
(Bulk P/N: 113 919 049D)

98-2022 Fuel Tank Sending Unit, Super Beetle, All
(Bulk P/N: 113 919 051F)

98-2037 Fuel Tank Sender Gasket, Exc. Super Beetle
(Bulk P/N: 113 919 133)

98-9194-B Fuel Gauge Sender, Type 2 55-66, Each
(Ref. P/N: 271 919 051B)

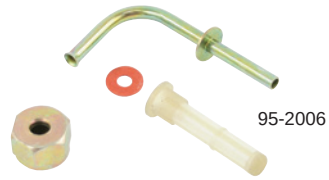
98-8658-B NEW! Fuel Gauge Sender, Type 2 68-73, Each
(Ref. P/N: 211 919 051)

98-9193-B Fuel Tank Sending Unit, Stock Replacement, Each Type 2 1973 to 1979
(Ref. P/N: 211 919 051A)

Can be used with EMPI Fuel Tank 95-2013-B.
Supplied with EMPI Fuel Tank 95-2011-B.
Will not fit EMPI Fuel Tank 95-2012-B.

GAS TANK OUTLET PIPE KIT

95-2006 Gas Tank Outlet Pipe Kit, Type 1, 60-74
(Bulk P/N: 113 298 221)


95-2006

FUEL TANK SCREEN

Original Equipment Style Fuel Tank Screen. Fits All VW Fuel Tanks 50-74.

98-2109 Fuel Tank Screen, All 50-74, Each
(Bulk P/N: 111 209 147A)

98-2109

FUEL GAUGE STABILIZER

This VW Fuel Gauge Vibrator stabilizes the gauge so the needle will not bounce around and can hold a reading. The vibrator is screwed to the back of the speedometer housing. Fits Type 1 1968-1977, Super Beetle 1971-1979, Ghia 1973-1974, Type 2 1973-1979 and Thing 1973-1974.

98-9588 NEW! Fuel Gauge Stabilizer, Each
(Bulk P/N: 113 957 099A)

NEW!
98-9588

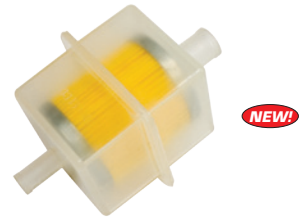
AIR INTAKE BOOT

98-1298 NEW! Air Intake Boot, 1600cc w/ Fuel Injection, Type 1 75-79, Each
(Bulk P/N: 043 129 617A)

NEW!

FUEL FILTER

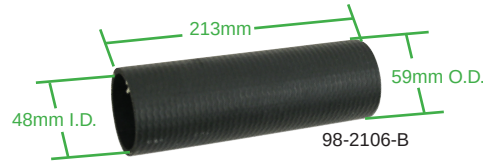
98-8634 NEW! Fuel Filter for Fuel Injection models.
Clear Casting to Determine Replacement
Fits Type 1 Standard / Super Beetle & Conv. 75-79, Type 2 75-79, and Vanagon 80-87
(Bulk P/N: 133 133 511)


NEW!

FUEL FILLER NECK

98-2106-B Hose, Fuel Filler Neck, 213mm Length, 48mm I.D. Type 1 68-79, Ghia 68-74, Type 3 68-73

(Ref. P/N: 311 201 219A)



98-2106-B

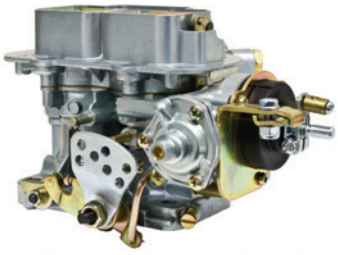
EMPI EPC CARBS

Test Run and Adjusted for smooth performance

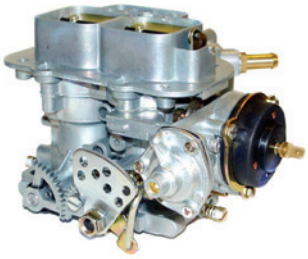
EPC 32/36A

EPC 32/36E

EPC 32/36M

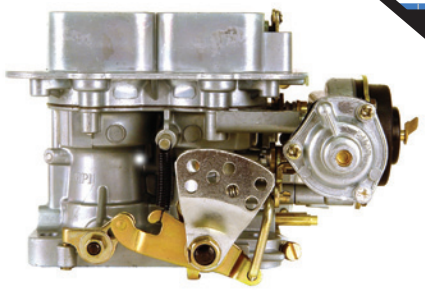


EPC 38E

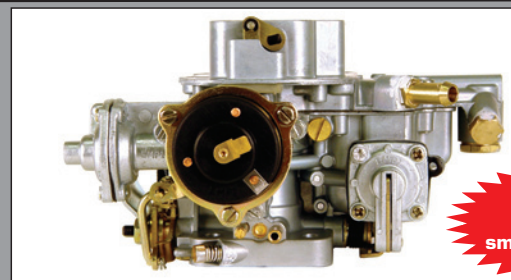


We at EMPI are proud to offer you the finest Carburetor and Carburetor Conversion Kits in the market today. All Carburetors are of EMPI origin. The EPC 32/36 is a Progressive Carburetor. The Progressive features of "Primary" and "Secondary" allow for a very controlled driving experience. The EPC 38 is a "Synchronous" type Carburetor. This means that both barrels are opening simultaneously. This usually allows for more torque (ie. throttle response and overall horsepower) due to more CFM of the Carburetor. To truly realize horsepower gains, additional performance improvements must be done to the engine. EMPI Carburetor numbers are followed by certain letters. The meaning of each is as follows. E = Electric Choke, A = Water Choke, M = Manual Choke, F also has an Electric Choke.

EMPI EPC 32/36E

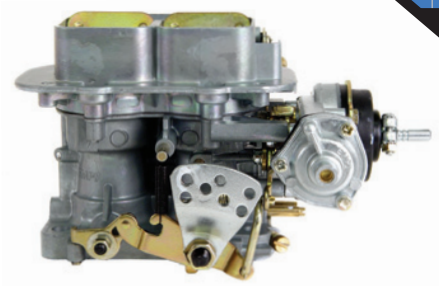


44-1551-1
Electric Choke

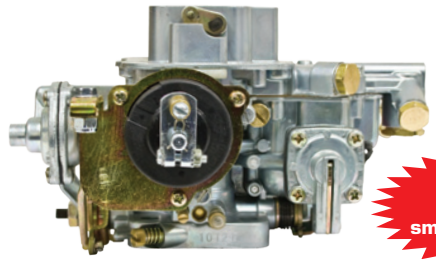


Test Run and Adjusted for smooth performance

EMPI EPC 32/36M

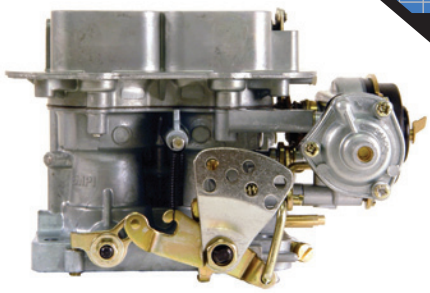


44-1551-2
Manual Choke

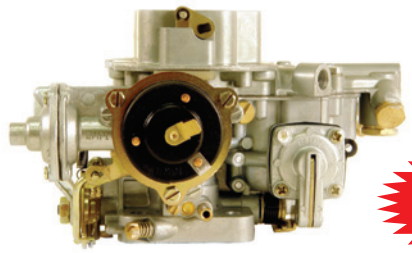


Test Run and Adjusted for smooth performance

EMPI EPC 32/36E

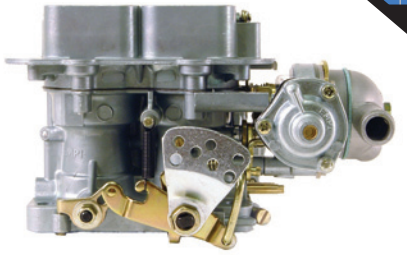


44-1017-1
Electric Choke

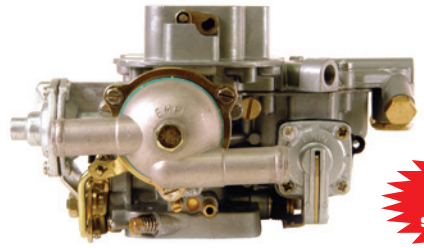


Test Run and Adjusted for smooth performance

EMPI EPC 32/36A



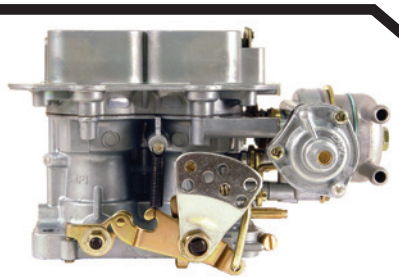
44-1017-2
Water Choke
Toyota Style



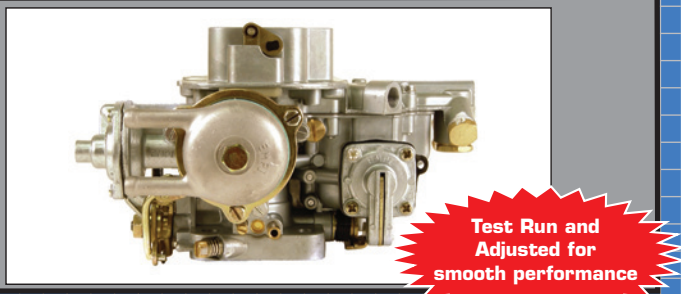
Test Run and Adjusted for smooth performance

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

[EMPI EPC 32/36A]

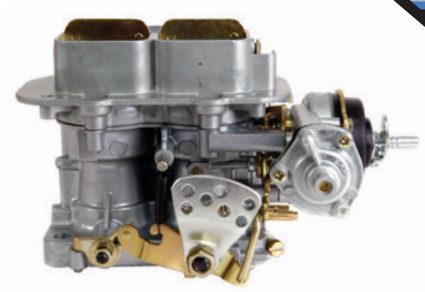


44-1017-3
Water Choke
Suzuki Style

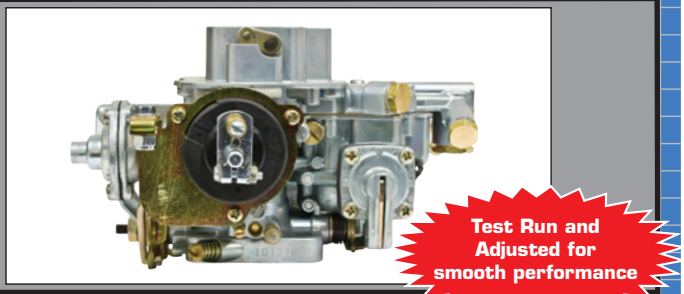


Test Run and Adjusted for smooth performance

[EMPI EPC 32/36M]

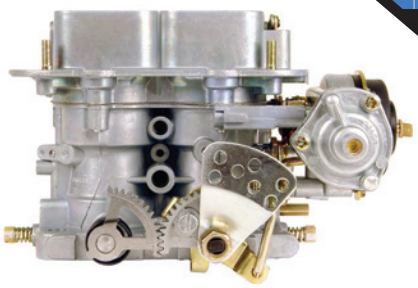


44-1017-4
Manual Choke

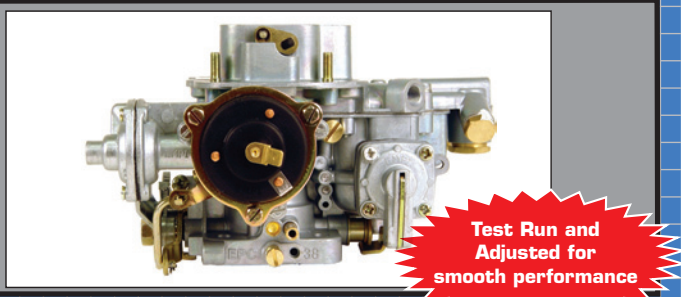


Test Run and Adjusted for smooth performance

[EMPI EPC 38E]

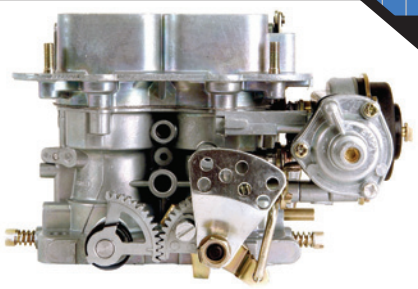


44-1005-1
Electric Choke

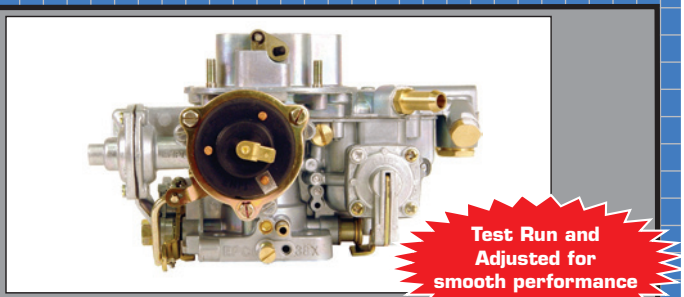


Test Run and Adjusted for smooth performance

[EMPI EPC 38E]



44-1006-1
Electric Choke



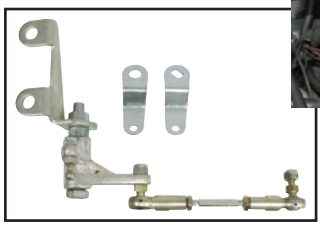
Test Run and Adjusted for smooth performance

INTAKE - CARB. KITS & COMPONENTS

We at EMPI are proud to offer you the finest Carburetor and Carburetor Conversion Kits in the market today. All Carburetors are of EMPI origin. The EPC 32/36 is a Progressive Carburetor. The Progressive features of "Primary" and "Secondary" allow for a very controlled driving experience. The EPC 38 is a "Synchronous" type Carburetor. This means that both barrels are opening simultaneously. This usually allows for more torque (ie. throttle response and overall horsepower) due to more CFM of the Carburetor. To truly realize horsepower gains, additional performance improvements must be done to the engine. EMPI Carburetor numbers are followed by certain letters. The meaning of each is as follows. **E** = Electric Choke, **A** = Water Choke, **M** = Manual Choke, **F** also has an Electric Choke.

EMPI Performance Carburetor for Jeep Vehicles

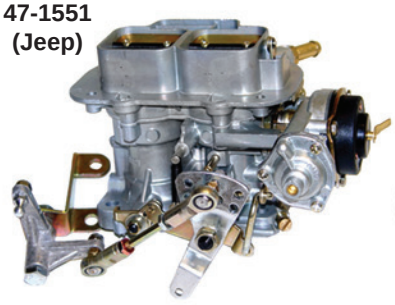
We offer two different EPC Carburetors. The EPC 32/36 Progressive Kits are designed for fuel economy and low-end (RPM) performance. The EPC 38 Kits are for people who are looking for maximum performance. All EMPI Kits come complete with all necessary installation hardware and instructions.

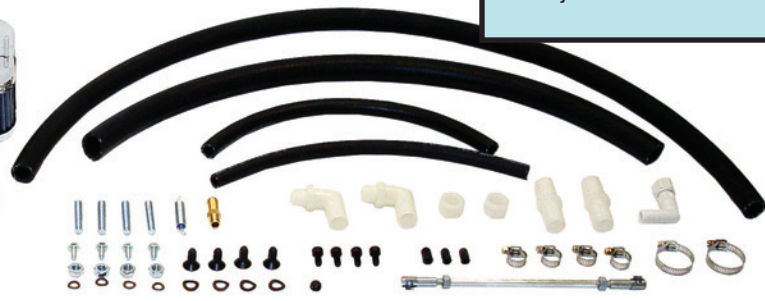


Linkage Parts for Automatic Transmission

EMPI Carburetor Kit with Air Cleaner

47-1551 (Jeep)





* Jet Kit Now Included in 47-1551 & 47-1551-5 Kits
1 ea. 43-5330
1 ea. 43-5331
1 ea. 43-5506

These will help with richer jetting. Move Main Jets between barrels and go richer with these additional jets if needed

EPC 32/36 Kits for Jeep (32/36 Progressive Carb)

Std. Kit No.	Kit No. W/ Press. Reg.	Year	Application	Original Carburetor	New Carb.	Replacement Air Filter
47-1553	47-1553-5	50-71	CJ's w/134 CI 4 Cyl. (2.1L) (F, SF, 4J)	Carter 1-BBL C-1 YF	32/36 Manual	9025
47-1551*+	47-1551-5*+	76-90	CJ's & Cherokee w/258 CI 6 Cyl. (4.2L) (C,M,T)	Carter 2-BBL C-2BBD	32/36 Electric	9025
47-1491	47-1491-5	80-83	CJ's, Cherokee w/151CI 4 Cyl. (2.5L) (B)	Roch. 2-BBL R2 E2SE	32/36 Electric	8806
47-1552+	47-1552-5+	83-88	CJ's & Cherokee w/151 CI 4 Cyl. (2.5L) (U)	Carter 1-BBL C-1 YFA	32/36 Electric	8806
47-1550+	47-1550-5+	74-78	CJ's w/258 CI 6 Cyl. (4.2L)	Carter 1-BBL C-1 YFA	32/36 Electric	9025
47-1550+	47-1550-5+	72-78	CJ's & Scrambler w/232 CI	Carter 1-BBL YF/YFA	32/36 Electric	9025

+ Linkage parts for Automatic Transmissions supplied in these kits

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INTAKE - CARB. KITS & COMPONENTS

EMPI now offers Jeep kits with Fuel Pressure Regulators. These kits include the fuel pressure regulator, chrome bracket, brass fittings and mounting screws. To have the regulator included in the kit, make sure to order the kit numbers ending in (-5).

47-1559
(Jeep)

Jeep®

Test Run and Adjusted for smooth performance

EPC 38 Kits for Jeep (38 Synchronous Carb)

Std. Kit No.	Kit No. W/ Press. Reg.	Year	Application	Original Carburetor	New Carb.	Replacement Air Filter
47-1490	**47-1490-5**	84-86	Cherokee w/173 CI 6 Cyl. (2.8L) (W)	Roch. 2-BBL R2 E2SE	38 Electric	Use Orig. A/C
47-1558	**47-1558-5**	74-78	CJ's w/258 CI 6 Cyl. (4.2L)	Carter 1-BBL C-1 YF	38 Electric	9025
47-1559	**47-1559-5**	76-90	CJ's & Cherokee w/258 CI 6 Cyl. (4.2L) (C, M, T)	Carter 2-BBL C-2 BBD	38 Electric	9025

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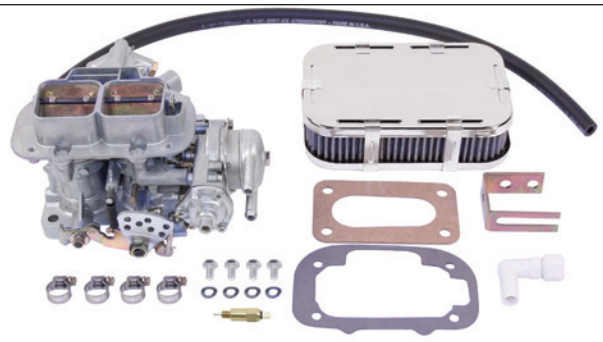
Test Run and Adjusted for smooth performance

47-1204
(BMW)



BMW

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1909	64-71	1600, 1800, 2000cc w/ 1-BBL Solex	EPC 34X (Manual Choke) **(-IC)**	DM	X	Use Orig. A/C
47-1909	68-6/72	2002 1970cc w/ 1-BBL Solex	EPC 34X (Manual Choke) **(-IC)**	DM	X	Use Orig. A/C
47-1204	68-76	2002 1970cc w/ 2-BBL Solex	EPC 32/36A **(-IC)**	DM	S	8806
47-1604	68-76	2002 1970cc w/ 2-BBL Solex	EPC 38E	DM	S	8806

Carb. / Manifold: **DM** = Direct Mount **MAN** = Supplied with Manifold **ADPT** = Adapter **IK** = Installation Kit

Air Filter: **X** = Use Original **N/S** = Not Supplied **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original **S** = Supplied **X1** = Use Throttle Arm from Original Carb.
X2 = A/T may require Linkage Modification **X3** = Kit Supplied; A/T use Throttle Arm from Original Carb.

INTAKE - CARB. KITS & COMPONENTS

Chevrolet

Std. Kit No.	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1453	1979	Chevette Holley 5200 & 5210	EPC 32/36F	DM	X2	Use Orig. A/C
47-1453	1979+	Monza, Vega w/ Holley 5200	EPC 32/36F	DM	X2	Use Orig. A/C
47-1696	83-88	S10, S15 Blazer 1.9, 2.0L, Hitachi	EPC 32/36E	ADPT	S	9025
47-1491	85-	S10 Pick-Up 2.5L, 4 Cyl. w/Rochester 2SE	EPC 32/36E	ADPT	S	8806
47-1491	1979+	Monza, Vega w/ Holley 5200	EPC 32/36E	ADPT	X2	8806
47-1490	83-88	S10, Blazer V6, Rochester 2SE	EPC 38E	ADPT	S	Use Orig. A/C
47-1741	85-88	Nova 4 Cyl. 1.6 4ALC, 4AGE	EPC 32/36E	ADPT	S	9025

Chevrolet - Japan

Std. Kit No.	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1657	72-82	Luv, 1817cc Series 1-6, 8-12, 1817cc	EPC 32/36M	ADPT	S	9025
47-1662	72-82	Luv, 1817cc Series 1-6, 8-12, 1817cc	EPC 32/36E	ADPT	S	9025
47-2662	72-82	Luv, 1817cc Series 1-6, 8-12, 1817cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1602	71-82	Luv, 1800cc w/ Hitachi Carb	EPC 32/36E	ADPT	S	9025

Chrysler

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1611	76-80	Arrow 1600cc	EPC 32/36F	ADPT	X3	9032
47-1611	76-79	Arrow 2000cc	EPC 32/36F	ADPT	X3	9032
47-1611	76-80	Arrow 2600cc	EPC 32/36F	ADPT	X3	9032
47-1611	78-79	Challenger 1600cc	EPC 32/36F	ADPT	X3	9032
47-1611	78-83	Challenger 2600cc	EPC 32/36F	ADPT	X3	9032
47-1612	79-83	Champ (FWD) 1400cc	EPC 32/36F	ADPT	S	9032
47-1612	79-83	Champ (FWD) 1600cc	EPC 32/36F	ADPT	S	9032
47-1611	78-80	Colt (RWD) 1600cc	EPC 32/36F	ADPT	X3	9032
47-1611	78-79	Colt (RWD) 2000cc	EPC 32/36F	ADPT	X3	9032
47-1611	78-80	Colt (RWD) 2600cc	EPC 32/36F	ADPT	X3	9032
47-1612	79-83	Colt (FWD) 1400, 1600cc	EPC 32/36F	ADPT	S	9032
47-1611	78-79	Sapporo 1600cc	EPC 32/36F	ADPT	X3	9032
47-1611	78-83	Sapporo 2600cc	EPC 32/36F	ADPT	X3	9032

Carb. / Manifold: **DM** = Direct Mount | **MAN** = Supplied with Manifold | **ADPT** = Adapter | **IK** = Installation Kit

Air Filter: **X** = Use Original | **N/S** = Not Supplied | **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original | **S** = Supplied | **X1** = Use Throttle Arm from Original Carb.

X2 = A/T may require Linkage Modification | **X3** = Kit Supplied; A/T use Throttle Arm from Original Carb.

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Chrysler continued

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1611	79-84	D-50, Ram-50 Pick-Up 2000, 2600cc	EPC 32/36F	ADPT	X3	9032
47-1610	79-89	D-50, Ram-50 Pick-Up 2000, 2600cc (w/ Standard Transmission)	EPC 32/36E	ADPT	X3	9025
47-2611	79-84	D-50, Ram-50 Pick-Up 2000, 2600cc (Hi Perf. Conversion)	EPC 38E	ADPT	X3	9025
47-1611	79-84	J-4 P/U 2000, 2600cc	EPC 32/36F	ADPT	X3	9032
47-1610	79-89	J-4 P/U 2000, 2600cc (w/ Standard Trans.)	EPC 32/36E	ADPT	X3	9025
47-2611	79-84	J-4 P/U 2000, 2600cc (Hi Perf. Conversion)	EPC 38E	ADPT	X3	9025
47-1453	78-80	Omni, Horizon, Charger, K Car, Rampage 1.7, 2.2L w/ Holley 5200 Series	EPC 32/36F	DM	X	Use Orig. A/C

Ford

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1657	72-82	Courier 1800 Pick-Up 1796cc	EPC 32/36M	ADPT	S	9025
47-1662	72-82	Courier 1800 Pick-Up 1796cc	EPC 32/36E	ADPT	S	9025
47-2662	72-82	Courier 1800 Pick-Up 1796cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1552		Ranger 2300cc (w/Carter 1-Barrel Carb.)	EPC 32/36E	ADPT	S	8806

Test Run and Adjusted for smooth performance

47-1727 (Honda)

Honda

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1624	73-83	Civic Non-CVCC 1200, 1300cc-1500 8 Valve	EPC 32/36E **(-IC)**	ADPT	S	8806
47-1727	84-85	Accord 1800cc	EPC 32/36E **(-IC)**	ADPT	S	8806
47-1727	84-85	Prelude 1800cc	EPC 32/36E **(-IC)**	ADPT	S	8806

Carb. / Manifold: **DM** = Direct Mount **MAN** = Supplied with Manifold **ADPT** = Adapter **IK** = Installation Kit

Air Filter: **X** = Use Original **N/S** = Not Supplied **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original **S** = Supplied **X1** = Use Throttle Arm from Original Carb.

X2 = A/T may require Linkage Modification **X3** = Kit Supplied; A/T use Throttle Arm from Original Carb.

INTAKE - CARB. KITS & COMPONENTS

47-1697
(Isuzu Pick-up)

(Same Hardware Kit Different Carb.)

Test Run and Adjusted for smooth performance

47-2697
(Isuzu Pick-up)

Isuzu

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1662	79-83	I-Mark 1817cc	EPC 32/36E	ADPT	S	9025
47-1662	79-83	Pick-Up 1817cc	EPC 32/36E	ADPT	S	9025
47-2662	79-83	Pick-Up 1817cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1696	83-87	Pick-Up 1949cc	EPC 32/36E	ADPT	S	9025
47-1697	86-	Pick-Up 2300cc	EPC 32/36E	ADPT	S	9025
47-2697	86-	Pick-Up 2300cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1696	84-85	Trooper 1949cc	EPC 32/36E	ADPT	S	9025
47-1697	86-87	Trooper 2.3 Manual Trans.	EPC 32/36E	ADPT	S	9025
47-2697	86-87	Trooper 2.3 Manual Trans. (Hi Perf. Conv.)	EPC 38E	ADPT	S	9025

47-1675
(Mazda Pick-Up)

(Same Hardware Kit Different Carb.)

47-2675
(Mazda Pick-Up)

Test Run and Adjusted for smooth performance

Mazda

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1602	72-78	B1800 1.6, 1.8	EPC 32/36E	ADPT	S	9025
47-1662	77-78	B1600, B1800 Pick-Up 1796cc, 1.6, 1.8	EPC 32/36E	ADPT	S	9025
47-2662	77-78	B1600, B1800 Pick-Up 1796cc (Hi Perf. Conv.), 1.6, 1.8	EPC 38E	ADPT	S	9025
47-2662	79-82	626 (RWD) w/ 2	EPC 38E	ADPT	S	9025
47-2662	83-85	626 w/ 2	EPC 38E	ADPT	S	9025
47-1675	86-93	B2000 Pick-Up 1970cc (Use w/Stock Cable Linkage)	EPC 32/36E	ADPT	S	9025
47-2675	86-93	B2000 Pick-Up 1970cc (Hi Perf. Conv.)	EPC 38E	ADPT	S	9025
47-1675	87-91	B2200 Pick-Up 2200cc	EPC 32/36E	ADPT	S	9025
47-2675	87-91	B2200 Pick-Up 2200cc (Hi Perf. Conv.)	EPC 38E	ADPT	S	9025
47-1624	76-80	GLC, Mizer (RWD)	EPC 32/36E	ADPT	S	9025

Carb. / Manifold: **DM** = Direct Mount **MAN** = Supplied with Manifold **ADPT** = Adapter **IK** = Installation Kit

Air Filter: **X** = Use Original **N/S** = Not Supplied **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original **S** = Supplied **X1** = Use Throttle Arm from Original Carb.
X2 = A/T may require Linkage Modification **X3** = Kit Supplied; A/T use Throttle Arm from Original Carb.

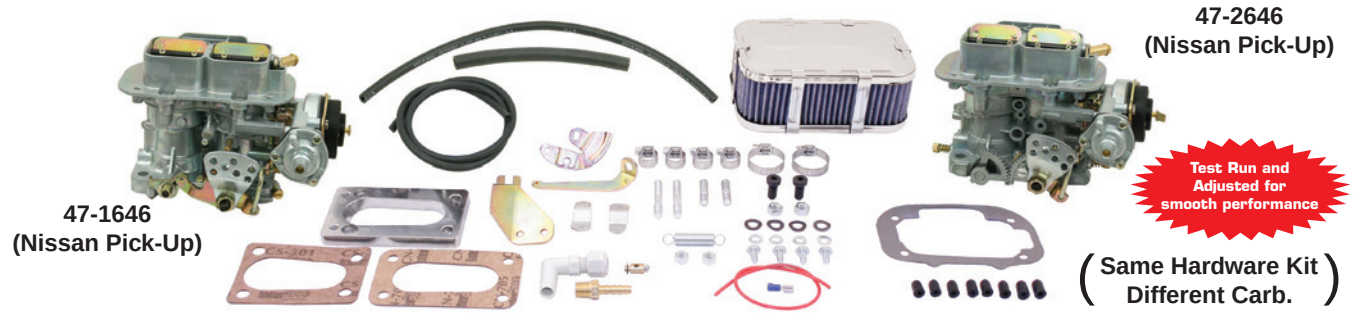
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

INTAKE - CARB. KITS & COMPONENTS

Mitsubishi

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1611		Montero w/Std. Trans., 2.6L, 2.0L	EPC 32/36F	ADPT	X3	9032
47-1610		Montero w/Std. Trans., 2.6L, 2.0L	EPC 32/36E	ADPT	X3	9025
47-2611		Montero w/Std. Trans., 2.6L, 2.0L (Hi Perf. Conv.)	EPC 38E	ADPT	X3	9025
47-1614		*Montero w/ Auto Trans., 2.6L, 2.0L	EPC 32/36F	ADPT	S	9032

*(1987 & Later w/Auto Trans. may require extensive throttle linkage modifications to operate the passing gear kick down)



Nissan

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1657	68-73	510 L16 1595cc	EPC 32/36M	ADPT	S	9025
47-1662	68-73	510 L16 1595cc	EPC 32/36E	ADPT	S	9025
47-2662	68-73	510 L16 1595cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1657	78-79	510 L20B 1952cc	EPC 32/36M	ADPT	S	9025
47-1662	78-79	510 L20B 1952cc	EPC 32/36E	ADPT	S	9025
47-2662	78-79	510 L20B 1952cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1657	80-81	510 Z20S 1952cc	EPC 32/36M	ADPT	S	9025
47-1662	80-81	510 Z20S 1952cc	EPC 32/36E	ADPT	S	9025
47-2662	80-81	510 Z20S 1952cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1657	1973	610 L18 1770cc	EPC 32/36M	ADPT	S	9025
47-1662	1973	610 L18 1770cc	EPC 32/36E	ADPT	S	9025
47-2662	1973	610 L18 1770cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025

Carb. / Manifold: **DM** = Direct Mount **MAN** = Supplied with Manifold **ADPT** = Adapter **IK** = Installation Kit

Air Filter: **X** = Use Original **N/S** = Not Supplied **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original **S** = Supplied **X1** = Use Throttle Arm from Original Carb.

Nissan continued

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1657	74-76	610 L20B 1952cc	EPC 32/36M	ADPT	S	9025
47-1662	74-76	610 L20B 1952cc	EPC 32/36E	ADPT	S	9025
47-2662	74-76	610 L20B 1952cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1657	1974	710 L18 1770cc	EPC 32/36M	ADPT	S	9025
47-1662	1974	710 L18 1770cc	EPC 32/36E	ADPT	S	9025
47-2662	1974	710 L18 1770cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1657	75-77	710 L20B 1952cc	EPC 32/36M	ADPT	S	9025
47-1662	75-77	710 L20B 1952cc	EPC 32/36E	ADPT	S	9025
47-2662	75-77	710 L20B 1952cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1657	77-79	200SX L20 1952cc	EPC 32/36M	ADPT	S	9025
47-1662	77-79	200SX L20 1952cc	EPC 32/36E	ADPT	S	9025
47-2662	77-79	200SX L20 1952cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1657	69-72	521 Pick-Up L16 1596cc	EPC 32/36M	ADPT	S	9025
47-1662	69-72	521 Pick-Up L16 1596cc	EPC 32/36E	ADPT	S	9025
47-2662	69-72	521 Pick-Up L16 1596cc (Hi Perf. Conv.)	EPC 38E	ADPT	S	9025
47-1657	1974	620 Pick-Up L18 1770cc	EPC 32/36M	ADPT	S	9025
47-1662	1974	620 Pick-Up L18 1770cc	EPC 32/36E	ADPT	S	9025
47-2662	1974	620 Pick-Up L18 1770cc (Hi Perf. Conv.)	EPC 38E	ADPT	S	9025
47-1657	75-79	620 Pick-Up L20B 1952cc	EPC 32/36M	ADPT	S	9025
47-1662	75-79	620 Pick-Up L20B 1952cc	EPC 32/36E	ADPT	S	9025
47-2662	75-79	620 Pick-Up L20B 1952cc (Hi Perf. Con.)	EPC 38E	ADPT	S	9025
47-1657	1980	720 Pick-Up L20B 1952cc	EPC 32/36M	ADPT	S	9025
47-1662	1980	720 Pick-Up L20B 1952cc	EPC 32/36E	ADPT	S	9025
47-2662	1980	720 Pick-Up L20B 1952cc (Hi Perf. Conv.)	EPC 38E	ADPT	S	9025
47-1657	81-82	720 Pick-Up Z22 2187cc	EPC 32/36M	ADPT	S	9025
47-1662	81-82	720 Pick-Up Z22 2187cc	EPC 32/36E	ADPT	S	9025
47-2662	81-82	720 Pick-Up Z22 2187cc (Hi Perf. Conv.)	EPC 38E	ADPT	S	9025
47-1646	83-85	Pick-Up Z24 2389cc	EPC 32/36E	ADPT	S	9025
47-2646	83-85	Pick-Up Z24 2389cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025

Oldsmobile - Pontiac

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1453		140, 150cid Models w/Holley 5210	EPC 32/36F	DM	X	Use Orig. A/C
47-1491		4 Cyl. & V6 w/Rochester 2SE	EPC 32/36E	ADPT	S	8806

Renault

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1453	76-83	R-5 "Le Car" 1289, 1397cc	EPC 32/36F	DM	X1	Use Orig. A/C
47-1453	71-79	R12, 15, 17, w/WEBER DIR, DARA	EPC 32/36F	DM	X1	Use Orig. A/C

SAAB

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1909	67-74	95, 96 Sonnet w/Ford 1 BBL	EPC 34X **(-IC)**	DM	X	Use Orig. A/C

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Air Filter: **X** = Use Original **N/S** = Not Supplied **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original **S** = Supplied **X1** = Use Throttle Arm from Original Carb.
X2 = A/T may require Linkage Modification **X3** = Kit Supplied; A/T use Throttle Arm from Original Carb.

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INTAKE - CARB. KITS & COMPONENTS

(Same Hardware Kit Different Carb.)

Test Run and Adjusted for smooth performance

Jet Kit Now Included with Kits

47-1601 (Suzuki Samurai)

47-1603 (Suzuki Samurai)

These will help with richer jetting. Move Main Jets between barrels and go richer with these additional jets if needed

* Now included in Suzuki Kits
1 ea. 43-5329
1 ea. 43-5331
1 ea. 43-5504

Suzuki

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1600*	86-89	Samurai 1342cc	EPC 32/36A	ADPT	S	Use Orig. A/C
47-1601*	86-89	Samurai 1342cc	EPC 32/36A	ADPT	S	9025
47-1602*	86-89	Samurai 1342cc	EPC 32/36E	ADPT	S	9025
47-1603*	86-89	Samurai 1342cc (Hi Perf. Conversion)	EPC 38E	ADPT	S	9025

(Same Hardware Kit Different Carb.)

47-1746
(Toyota Pick-Up)

47-2746
(Toyota Pick-Up)

Test Run and Adjusted for smooth performance

Toyota

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1657	All	Corolla/Tercel w/ 3KC - Manual Choke	EPC 32/36E	ADPT	S	9025
47-1662	72-73	Carina 2TC 1588cc	EPC 32/36E	ADPT	S	9025
47-1662	All	Corolla/Tercel w/ 3KC	EPC 32/36E	ADPT	S	9025
47-1752	75-80	Celica/Corona 20R 2189cc	EPC 32/36A	ADPT	S	9025
47-1746	81-84	Celica 22R 2366cc	EPC 32/36E	ADPT	S	9025
47-1662	71-74	Corolla 2TC 1588cc	EPC 32/36E	ADPT	S	9025
47-1741	75-79	Corolla 2TC 1588cc	EPC 32/36E	ADPT	S	8806
47-1741	All	Fits all Carbureted Corolla built after 7/74 w/ any Asian Carburetor	EPC 32/36E	ADPT	S	8806
47-1741	82-86	Tercel w/ 3AC	EPC 32/36E	ADPT	S	8806
47-1741	80-82	Corolla FWD 3TC 1800cc	EPC 32/36E	ADPT	S	8806
47-1751	84-85	Corolla FWD 4ALC 1587cc	EPC 32/36E	ADPT	S	8806
47-1751	86-90	Tercel w/ 3E	EPC 32/36E	ADPT	S	8806

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Air Filter: **X** = Use Original **N/S** = Not Supplied **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original **S** = Supplied **X1** = Use Throttle Arm from Original Carb.
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Toyota continued

EMPI #	Year	Application	Carburetor	Carb. to Manifold	Linkage	Air Filter
47-1752	75-80	Corona 20R 2189cc	EPC 32/36A	ADPT	S	9025
47-1746	1981	Corona 22R 2366cc	EPC 32/36E	ADPT	S	9025
47-1741	82-86	Tercel 3AC 1452cc	EPC 32/36E	ADPT	S	8806
47-1751	86-90	Tercel 3E	EPC 32/36E	ADPT	S	8806
47-1752	75-80	Pick-Up 20R 2189cc	EPC 32/36A	ADPT	S	9025
47-1746	75-80	Pick-Up 20R 2189cc	EPC 32/36E	ADPT	S	9025
47-2746	75-80	Pick-Up 20R 2189cc (Hi-Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1746	81-95	Pick-Up 22R 2366cc	EPC 32/36E	ADPT	S	9025
47-2746	81-95	Pick-Up 22R 2366cc (Hi-Perf. Conversion)	EPC 38E	ADPT	S	9025
47-1743	69-10/73	Land Cruiser F & 2F Eng.	EPC 32/36E	ADPT	S	9025
47-2743	69-10/73	Land Cruiser F & 2F Eng. (Hi-Perf. Conv.)	EPC 38E	ADPT	S	9025
47-2744	69-10/73	Land Cruiser F & 2F Eng. (Hi-Perf. Conv.)	EPC 38M	ADPT	S	9025
47-1743	74-87*	Land Cruiser F & 2F Eng.	EPC 32/36E	ADPT	S	9025
47-2743	74-87*	Land Cruiser F & 2F Eng. (Hi-Perf. Conv.)	EPC 38E	ADPT	S	9025
47-2744	74-87*	Land Cruiser F & 2F Eng. (Hi-Perf. Conv.)	EPC 38M	ADPT	S	9025

*Note: 74-87 Land Cruiser may require linkage and pedal modification.

47-1560

Pedal & Cable for Toyota Land Cruisers, 74 to 87. This kit converts the original Toyota mechanical bell-crank linkage to a cable linkage.

47-1560

REPLACEMENT CHOKE ELEMENTS

43-5903 ***Complete*** Replacement Water Choke Assembly for EPC 32/36A, 32/36 DGAV — **Toyota Design**

43-5920 ***Complete*** Replacement Water Choke Assembly for EPC 32/36A, 32/36 DGAV — **Suzuki Design**

43-5903

43-5352 Repl. Manual Choke Assem. for EPC 32/36M, EPC 38, 32/36 DGV

43-5354 Manual Choke Cable
Base of nut to end of spring area is 51"
Base of nut total length is 62"

43-5920

43-0620 Repl. Electric Choke Only for EPC 32/36F, 32/36 DFEV.

43-5351 Repl. Electric Choke Only for EPC 32/36, DGEV 32/36, EPC 38, 38 DGES

43-5351

43-0620

43-5354

43-5352

Carb. / Manifold: **DM** = Direct Mount | **MAN** = Supplied with Manifold | **ADPT** = Adapter | **IK** = Installation Kit

Air Filter: **X** = Use Original | **N/S** = Not Supplied | **(-IC)** = Carb. Supplied w/Electric Idle Cut-Off Solenoid

Linkage: **X** = Use Original | **S** = Supplied | **X1** = Use Throttle Arm from Original Carb.
X2 = A/T may require Linkage Modification | **X3** = Kit Supplied; A/T use Throttle Arm from Original Carb.

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EMPI ELECTRONIC 'ALL-IN-ONE' SINGLE VACUUM ADVANCE DISTRIBUTOR

All new featuring a Magnetic Pick-up with the Amplifier attached to the Distributor for 'All-In-One' ease of installation. Features a smooth advance curve that starts at 1,000RPM and has a total of 18° @ 2,400 RPM with 10° Vacuum Advance. Supplied with O-Ring installed.

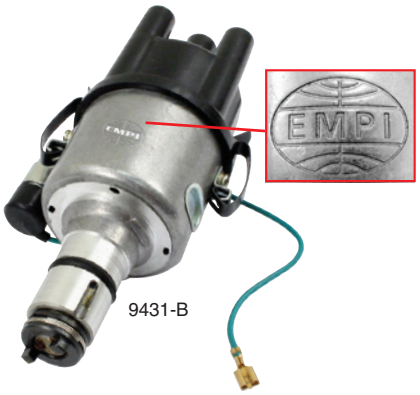
Requires a Bosch Blue or other hi-energy coil (3.4 ohms primary/12k ohms secondary) w/ built-in resistor. An external ballast resistor may be used between power source and distributor if your coil does not feature a built-in resistor.
(Must use a coil with an internal resistor or a seperate external ballast resistor.)

- Now with black cap
- May require mounting at 180° to clear some fuel pumps
- Better acceleration… helps eliminate the 'flat spot' on take-off
- Cooler engine temps
- More power throughout the advance curve

Fits the following models (12 volt only):
Type I – Bug/Ghia 1946-1979 (Except EFI Models)
Type 181, 1973-1975 Thing
Type II: 1950-1971 Bus/Transporter

9437-B	EMPI Electronic 'All-In-One' Single Vac. Advance Dist. (Boxed)
16-9438	Replacement Black Cap for 9437-B Distributor Only
16-9439	Replacement Rotor for 9437-B Distributor Only
16-9440	Replacement Dust Cover for 9437-B Distributor Only

EMPI CENTRIFUGAL ADVANCE DISTRIBUTORS

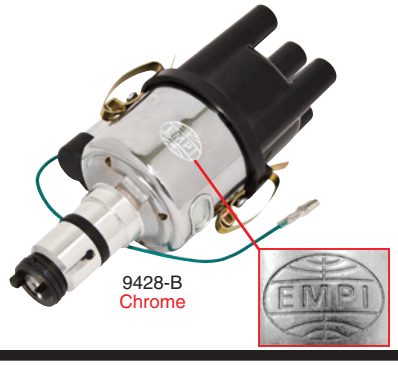


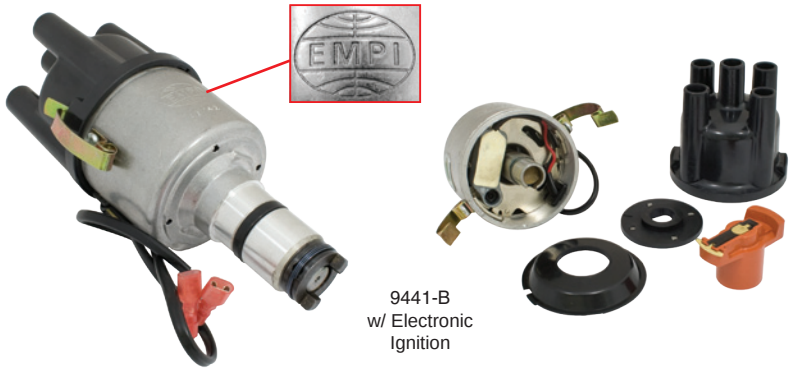
EMPI now offers three Centrifugal advance distributors. Our Distributors have the same advance curve as the 009. All three utilize the same tune-up components as the 009 and come complete with O-ring.

9431-B EMPI Centrifugal Advance Distributor,
Standard Curve similar to Bosch 009. (Boxed)
(Ref. P/N: 0 231 178 009EC)

9428-B EMPI **Chrome** Centrifugal Advance Distributor,
Standard Curve similar to Bosch 009. (Boxed)

9441-B EMPI Centrifugal Advance Distributor **w/ Electronic Ignition**
Eliminates Points and Condenser (Boxed)
(Must use a coil with an internal resistor or a seperate external ballast resistor.) Standard Curve similar to Bosch 009.

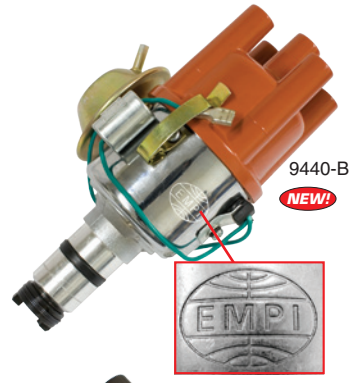




EMPI CHROME VACUUM ADVANCE DISTRIBUTOR

EMPI now offers its new Chrome Vacuum Advance Distributor. Our stock style distributor achieves a smooth advance curve and comes complete with Cap, Rotor, Points, Condenser and O-Ring.

9440-B NEW! EMPI Chrome Vac. Advance Dist., 1600cc, SVDA (Boxed)
(Ref. P/N: 023 117 0034)



EMPI CAST STEEL DISTRIBUTOR

EMPI now offers Vintage style distributors. Our distributor body is made from Cast Steel and is painted black to match the Retro Brown Bakelite distributor cap. These distributors have the same advance curve as the Bosch .009 distributor and come complete with classic style points, cap, rotor, condenser and o-ring. Ready to drop in and go.

9471-B NEW! EMPI Cast Steel Distributor
Standard Curve similar to Bosch 009. (Boxed)
(Ref. P/N: 023 117 8010)

16-9446-B NEW! Replacement Points for 9428-B, 9431-B, 9440-B, 9471-B Distributor Only

16-9445-B NEW! Replacement Brown Cap
Will fit 9428-B, 9431-B, 9440-B, 9441-B, 9471-B, 9472-B

EMPI CAST STEEL DISTRIBUTOR W/ ELECTRONIC IGNITION

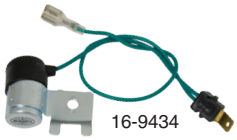
EMPI now offers Vintage style distributors. Our distributor body is made from Cast Steel and is painted black to match the Retro Brown Bakelite distributor cap. These distributors have the same advance curve as the Bosch .009 distributor and eliminate the need for points and condenser by incorporating electronic ignition. Achieve that Retro look with state of the art technology. They are supplied complete with classic style cap, rotor, condenser and o-ring. Ready to drop in and go.

9472-B NEW! EMPI Cast Steel Distributor
w/Electronic Ignition Eliminates Points and Condenser (Boxed)
(Must use a coil with an internal resistor or a seperate external ballast resistor.)
(Ref. P/N: 023 117 801OEL)

16-9445-B NEW! Replacement Brown Cap
Will fit 9428-B, 9431-B, 9440-B, 9441-B, 9471-B, 9472-B

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

16-9433


16-9434

16-9435

16-9436

16-9441 NEW!

NEW! 16-9442

EMPI REPLACEMENT PARTS

16-9433 Replacement Points for EMPI Distributors 9428-B, 9431-B, 9440-B, 9471-B, 009, Each
(Bulk P/N: 16-9433-B)

16-9434 Replacement Condenser for EMPI Distributors 9428-B, 9431-B, 9471-B, 009, Each
(Bulk P/N: 16-9434-B)

16-9435 Replacement Cap for EMPI Distributors 9428-B, 9431-B, 9440-B, 9441-B, 9471-B, 9472-B, 009, Each
(Bulk P/N: 16-9435-B)

16-9436 Replacement Rotor for EMPI Distributors 9428-B, 9431-B, 9440-B, 9441-B, 9471-B, 9472-B, 009, w/ Resistor like Bosch, Each
(Bulk P/N: 16-9436-B)

16-9441 NEW! Replacement Cap for EMPI Distributor 9428-B, 9431-B, 9440-B, 9441-B, 9471-B, 9472-B, Each
(Bulk P/N: 16-9441-B)

16-9442 NEW! Replacement Condenser for EMPI Distributor 9440-B, Each
(Bulk P/N: 16-9442-B)

BOSCH RPM LIMITING DISTRIBUTOR ROTORS

An economical and safe way to protect your engine – limit your RPM. Choose at what RPM you want the rotor to stop firing. Your engine will run smoothly at all RPM ranges, right up to the predetermined limit. Never worry about miss-shifts again. Fits all 009, including EMPI's mechanical advance distributors and 1971 and later vacuum advance distributors using ignition points. Does not work with electronic ignitions.

98-9604 Bosch RPM Limiting Distributor Rotor, 5800 RPM, Each
(Ref. P/N: 04-030)

98-9605 Bosch RPM Limiting Distributor Rotor, 6500 RPM, Each
(Ref. P/N: 04-023)

98-9606 Bosch RPM Limiting Distributor Rotor, 6800 RPM, Each
(Ref. P/N: 04-024)

98-9607 Bosch RPM Limiting Distributor Rotor, 7100 RPM, Each
(Ref. P/N: 04-028)

DISTRIBUTOR SHAFT SEAL

98-9021-B

98-9021-B Distributor Shaft Seal / O-Ring, Each
Type 1 50-79, Ghia 54-74, Type 2 50-79, Type 3 64-73
(Ref. P/N: 111 905 261)

WATERPROOF IGNITION KITS

Available in two different colors, these two-piece kits cover your distributor cap and coil protecting them from the elements. A must for any Baja or Buggy.

9315 Waterproof Kit, Black, Set
9465 Waterproof Kit, White, Set

EMPI ACCU-FIRE ELECTRONIC IGNITION KIT

Turns your standard ignition into an Electronic Ignition at an affordable price. Eliminates points and condenser. Dust and water resistant. This kit fits 009 distributors that utilize Bosch 044 points. Fits EMPI Distributor Part Numbers 9431-B, 9428-B and 9441-B. Specification for coils are Primary 3.4 Ohms, Secondary 7.8 Ohms. **(Must use a coil with an internal resistor or a seperate external ballast resistor.)**

9432	Accu-Fire Electronic Ignition Kit

PERTRONIX IGNITOR ELECTRONIC IGNITION

Dependable, self contained and maintenance free, the Ignitor delivers twice the voltage to the spark plugs and features an Adaptive Dwell that maintains peak energy throughout the entire RPM range, reducing misfires while improving engine performance. Legal in all 50 states. (C.A.R.B. E.O. #D-57-22)

17-2985	Ignitor Type 1 68-73 for Vacuum Advance Distributors
17-2986	Ignitor Type 1 68-73 for 050 and 009 Distributors
17-2987	Ignitor II Type 1 for 050 and 009 Distributors

COMPUFIRE D.I.S. IGNITION SYSTEM

Eliminates points, rotor, condenser and even the distributor cap! High-Energy Coil fires direct to plugs, having received signal from an electronic sensor. Totally water, dust and dirt proof and fires alternate cylinder simultaneously for cleaner, more efficient fuel burn. **Requires centrifugal advance distributor EMPI P/N: 9431B or equivalent.**

9419	D.I.S. Ignition System, w/Blue Wires
9420	D.I.S. Ignition System, w/Yellow Wires
9426	Tach Adapter for P/N: 9419/9420

COMPUFIRE ELECTRONIC IGNITION KITS

Turn your standard ignition into an Electronic Ignition with this conversion kit. Eliminates points and condenser. Dust and water resistant. Flawless ignition performance with no points to "bounce". (Similar to EMPI Accu-Fire P/N: 9432). **(Must use a coil with an internal resistor or a seperate external ballast resistor.)**

9421	Electronic Ignition Kit, 009 Distributor
9422	Electronic Ignition Kit, Stock Distributor
9421-3	Replacement Rotor for P/N: 9421/9422

BILLET ALUMINUM DISTRIBUTOR COVER

Give your distributor that billet look. Attaches securely with a set of screws to EMPI P/N 9428-B, 9431B, 9441-B or Bosch 009 Distributors. On some distributors the inspection plate / cover must be removed so the aluminum sleeve can slide on to the distributor. The condenser must also be removed and remounted once the sleeve is in place.

16-9545	Billet Aluminum Distributor Cover

TRANSPARENT DISTRIBUTOR CAPS

Available in your choice of four different colors. Fits Bosch and EMPI Bosch style distributors, (EMPI P/N; 9428-B, 9431-B, 9440-B, 9441-B, 9471-B, 9472-B).

8790	Distributor Cap, Clear
8791	Distributor Cap, Red
8792	Distributor Cap, Blue
8793	Distributor Cap, Gold/Yellow

9433

9434

9435

9436

COMPONENTS FOR BOSCH 009 DISTRIBUTORS

9433 Replacement Points, Each
(Bulk P/N: 01-011)
9434 Replacement Condenser, Each
(Bulk P/N: 02-086)
9435 Replacement Cap, Each
(Bulk P/N: 03-010)
9436 Replacement Rotor, Each
(Bulk P/N: 04-110)

98-9815-B

98-9817-B

98-9816-B

98-9947-B

BOSCH IGNITION COMPONENTS

98-9815-B Bosch Condenser, Type 1 61-64
(Ref. P/N: 02-006)
98-9816-B Bosch Condenser, Type 1 65-70
(Ref. P/N: 02-007)
98-9946-B Bosch Condenser, Type 1 70-73, Type 2 71
(Ref. P/N: 02-054)
98-9948-B Bosch Condenser, Type 1 74-79, TYpe 2 74-79
(Ref. P/N: 02-074)
98-9817-B Bosch Condenser, Type 3 68-71
(Ref. P/N: 02-039)
98-9947-B Bosch Condenser, Type 3 67, 65-70 Longer Green Wire
(Ref. P/N: 02-069)
98-9941-B Bosch Ignition Points, Type 1 65-67, Type 2 64-67, Type 3 67
(Ref. P/N: 01-009)
98-9951-B Bosch Cap, Type 1 65-68, Type 2 65-68, Type 3 65-68
(Ref. P/N: 03-001)
98-9821-B Bosch Rotor
(Ref. P/N: 04-004)
98-9822-B Bosch Rotor, 36hp, 010
(Ref. P/N: 04-008)
98-9955-B Bosch Rotor, Type 1 65-68, Type 2 64-68, Type 3 64-68
(Ref. P/N: 04-006)
98-9956-B Bosch Rotor, 40hp 62-64
(Ref. P/N: 04-010)

98-9946-B

98-9948-B

98-9941-B

98-9951-B

98-9821-B

98-9822-B

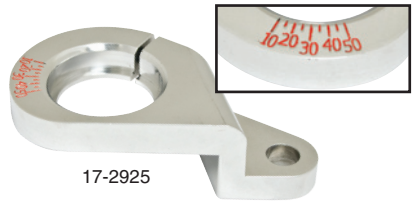
98-9955-B

98-9956-B

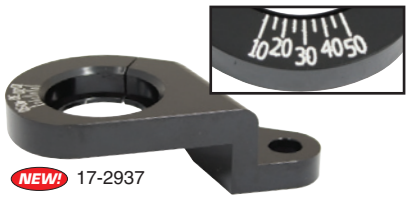
BILLET DISTRIBUTOR CLAMP

Polished Billet Aluminum Distributor Clamp. Great looking and functional with ignition timing marks in 5° increments from 10-50° and concealed Allen Bolt. Available in Polished Aluminum, Black, Blue or Red Anodized

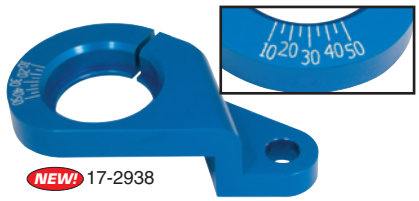
17-2925 Billet Distributor Clamp w/ Ignition Timing Marks, Polished
17-2937 NEW! Billet Distributor Clamp w/ Ignition Timing Marks, Black
17-2938 NEW! Billet Distributor Clamp w/ Ignition Timing Marks, Blue
17-2939 NEW! Billet Distributor Clamp w/ Ignition Timing Marks, Red



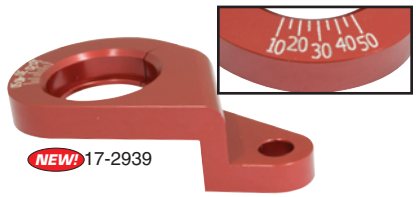
17-2925



NEW! 17-2937



NEW! 17-2938



NEW! 17-2939

BILLET DISTRIBUTOR CLAMP

Precision machined billet aluminum distributor clamp is the high tech solution to problems caused by bent or worn out stamped style clamps.

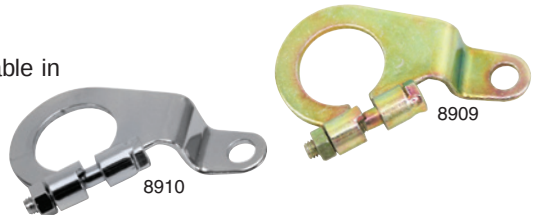
8912 Billet Aluminum Distributor Hold Down Clamp

8912

DISTRIBUTOR CLAMPS

A high quality replacement for worn out or poor fitting existing clamps. Available in zinc or chrome plated.

8910 Chrome Distributor Clamp w/Nut and Bolt, Each
8909 Zinc Distributor Clamp w/Nut and Bolt, Each
(Bulk P/N: 113 905 250)


8909

8910

BILLET COMBO FUEL PUMP BLOCK-OFF / COIL MOUNT

Aluminum Combo Mount serves as a fuel pump block-off, breather vent and ignition coil holder. Features a 3/8 NPT outlet for vent. Great looking and functional. Available in Polished Aluminum, Black, Blue or Red Anodized. Hardware and gasket included.

17-2926 Billet Combo Fuel Pump Block-Off / Coil Mount, Polished
18-1088 NEW! Billet Combo Fuel Pump Block-Off / Coil Mount, Black
18-1089 NEW! Billet Combo Fuel Pump Block-Off / Coil Mount, Blue
18-1090 NEW! Billet Combo Fuel Pump Block-Off / Coil Mount, Red

Hardware and gasket included

17-2926

NEW! 18-1088

NEW! 18-1089

18-1090 NEW!

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

17-2959

COMPU-FIRE HIGH OUTPUT 40,000 VOLT COIL

For use with points or electronic ignition, this Chrome coil is epoxy filled and produces 40,000 volts of power. These coils have a primary resistance of 3.0 Ohms. No ballast resistor is needed when using this coil.

17-2959 Compu-Fire 40,000 Volt Chrome Coil, 12-Volt, Each (Boxed)

9408-B

9409-B

HIGH OUTPUT COILS

Popular hi-performance coils in 6 and 12-Volt.

9408-B Bosch Blue Coil, w/Bracket, 6-Volt,
Silver in Color, Primary Resistance 1.5 Ohms,
Epoxy filled, (Boxed)

(Ref. P/N: 00 016)

9409-B Bosch Blue Coil, w/Bracket, 12-Volt
Blue in Color, Primary Resistance 3.4 Ohms,
Epoxy filled, (Boxed)

(Ref. P/N: 00 012)

9406-B

NEW!
9403-B

9403-B NEW! Beru Blue Coil, 12-Volt
Blue in Color, Primary Resistance 3.5 Ohms,
Oil filled, (Boxed)

(Ref. P/N: 043 905 115C)

9406-B EMPI Coil, w/Bracket, 12-Volt
Blue in Color, Primary Resistance 3.2 Ohms,
Oil filled, (Boxed)

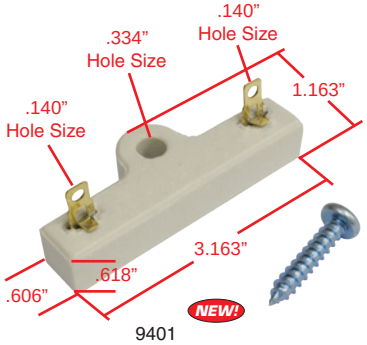
*** Note: If a coil has less than 3.0 Ohms, it can only be used with points.**

17-2956 NEW!

EMPI HIGH OUTPUT 16,000 VOLT COIL

This 12 Volt Chrome-Coil is epoxy filled and produces 16,000 volts of power. For use with points or electronic ignition. Primary resistance of 3.0 Ohms.

17-2956 NEW! EMPI 16,000 Volt Chrome Coil, 12 Volt (Boxed)



9401

EXTERNAL BALLAST RESISTOR

Heavy Duty Ceramic Resistor for use with Ignition Coils. These resistors reduce point pitting and burning. They will extend point life. Used to supplement the ignition coil's primary resistance. Ballast resistors have been used for many decades to reduce current to the points or electronic ignition module, extending their lives. Also helps to protect electronic ignition conversion kits from overheating due to excess electrical current. Usually mounted on the firewall or on the ignition coil. Wired between the coil's positive terminal and the condenser or electronic ignition module.

9401 NEW! External Ballast Resistor, 1.35 Ohms

9064

STAINLESS STEEL COIL COVER KIT

Polished Stainless Steel Coil Cover fits all stock style coils for that "Show Look". Includes chrome bracket & hardware and is easy to install.

9064 Stainless Steel Coil Cover Set

EMPI IGNITION WIRE SETS

EMPI **7mm** wire sets feature a double-jacket cover to protect against heat and deluxe spark plug boots that seal at the cylinder tin. The extra long 22" coil wire allows the coil to be mounted in various locations. Tailored to fit your VW. Choose from a variety of colors in Copper Core Non-Suppressed. Made in USA.

9400		EMPI Wire Set, Copper Core, Yellow
9407		EMPI Wire Set, Copper Core, Blue
9411		EMPI Wire Set, Copper Core, Red
9402	NEW!	EMPI Wire Set, Copper Core, Grey

STOCK IGNITION WIRE SET

Super High quality, Made in USA, stock replacement **7mm** Suppressed wire set with deluxe spark plug boots that seal at the cylinder tin.

9314		Stock Ignition Wire Set, Black
(Bulk P/N: 111 998 031A)		
9313	NEW!	Stock Ignition Wire Set, Grey
(Bulk P/N: 9313-B)		

90° SUPPRESSED IGNITION WIRE SETS

We now offer **8mm** suppressed premium wire sets with 90° end caps for a better fit which results in that cleaner look! We have still retained the superior quality spark plug boots and 32" unassembled coil wire to meet your demands for the best ignition wire sets available. These wire sets are designed for all Type 1, 2 and 3 engine configurations. Made in USA.

9389	NEW!	90° Suppressed Ignition Wires, Yellow
9390	NEW!	90° Suppressed Ignition Wires, Blue
9391	NEW!	90° Suppressed Ignition Wires, Red

90° MEGAVOLT IGNITION WIRE SETS

We now offer **8mm** MEGAVOLT premium wire sets with 90° end caps for a better fit which results in that cleaner look! We have also added our new stealth gray color. We have still retained the superior quality spark plug boots and 32" unassembled coil wire to meet your demands for the best ignition wire sets available. Copper Core Non-Suppressed. These wire sets are designed for all Type 1, 2, and 3 engine configurations. Made in USA.

B352020	90° Megavolt™ Ignition Wires, Yellow
B352022	90° Megavolt™ Ignition Wires, Blue
B352023	90° Megavolt™ Ignition Wires, Red
B352026	90° Megavolt™ Ignition Wires, Grey

TAYLOR SPIRO PRO "409" RACE WIRE SETS

If 7mm or 8mm wires aren't large enough for you or you have a high output ignition system that's overpowering your current wires, then these **10.4mm** diameter suppressed wires are the ones for you! Features include: 8mm silicone ignition wire core, woven fiberglass over-braid and silicone jacket top layer. Comes with a 32" unassembled coil wire that can be cut to your exact length. Available in Red, Blue, Black, Grey or Yellow. Made in USA.

9393	NEW!	"409" Spiro Pro Race Wire Set, Grey
9394	NEW!	"409" Spiro Pro Race Wire Set, Yellow
9395		"409" Spiro Pro Race Wire Set, Black
9396		"409" Spiro Pro Race Wire Set, Blue
9397		"409" Spiro Pro Race Wire Set, Red

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

PREMIUM IGNITION WIRE SETS

The best of the best. These **7mm** ignition wire sets are very similar to the old Bosch wire set (part number 09-001) that Bosch discontinued. They feature the proper 1K ohm (Ω) resistance for each Bakelite connector end. The coil wire is suppressed and the other four wires use copper core. Wire is grey in color. Made in USA.

98-9925-B NEW! Premium Ignition Wire Set,
Fits Type 1 50-79, Ghia 56-74, Type 2 50-71 (Bagged)

98-9925-0 NEW! Premium Ignition Wire Set,
Fits Type 1 50-79, Ghia 56-74, Type 2 50-71 (Skinpacked)

98-9986-B

BOSCH IGNITION WIRE SETS

High quality Bosch ignition wires with black Bakelite ends.

98-9986-B Ignition Wire Set, Type 1 50-79, Ghia 56-74,
Type 2 50-71, Each
(Ref. P/N: 111 998 031)

WIRE SEPARATORS

These Wire Separators are easy to install and really give your VW that detailed look. Complete kit includes five 2-wire and one 3-wire separator with an allen wrench for assembly. Fits 4 Cylinder engines. Available in five different colors or chrome.

8747

8747 Wire Separator Kit, Chrome
8748 Wire Separator Kit, Red
8749 Wire Separator Kit, Blue
8750 Wire Separator Kit, Yellow
8751 Wire Separator Kit, Black
8752 Wire Separator Kit, Neon Pink

CABLE HOLDER

98-9022-B 3 Wire Cable Holder, Type 1 50-79, Ghia 54-74,
Type 2 50-79, Vanagon 79-83, Type 3 64-73, Each
(Ref. P/N: 113 905 451A)

SPARK PLUG END FITTINGS

Spark Plug Terminal Nut attaches to threaded head of spark plugs. Allows for use of High Performance Wire Sets. Fits NGK & Bosch spark plugs.

9410 Spark Plug End Fittings (4)

BOSCH SPARK PLUGS (SOLD AS EACH)

98-9931-B Spark Plug, 4 per Box, 14mm, 1/2" Reach, Each
(Ref. P/N: WR7AC) Tip installed on plug.

98-9932-B Spark Plug, 4 per Box, 14mm, 1/2" Reach, Each
(Ref. P/N: WR8AC) Tip installed on plug.

98-9933-B Spark Plug, 10 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: W7CC) Tip loose in box.

98-9934-B Spark Plug, 4 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: WR8CC) Tip installed on plug.

98-9823-B Spark Plug, 4 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: WR8DP) Tip installed on plug.

NGK SPARK PLUGS (SOLD AS EACH)

98-9937-B Spark Plug, 10 per Box, 12mm, 3/4" Reach, Each
(Ref. P/N: DP7EA9)

98-9938-B Spark Plug, 10 per Box, 12mm, 3/4" Reach, Each
(Ref. P/N: DP8EA9)

98-9939-B Spark Plug, 10 per Box, 12mm, 3/4" Reach, Each
(Ref. P/N: DP9EA9)

98-9944-B Spark Plug, 4 per Box, 14mm x 1/2" Reach, Each
(Ref. P/N: B6HS) Tip installed on plug.

98-9945-B Spark Plug, 10 per Box, 14mm x 3/4" Reach, Each
(Ref. P/N: B8ES) Tip installed on plug.

98-9949-B NEW! Spark Plug, 10 per Box, 12mm, 3/4" Reach, Each
(Ref. P/N: D8EA)

98-9957-B NEW! Spark Plug, 4 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: B5ES) Tip installed on plug.

98-9958-B NEW! Spark Plug, 4 per Box, 14mm, 1/2" Reach, Each
(Ref. P/N: B5HS) Tip installed on plug.

98-9959-B NEW! Spark Plug, 4 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: B6ES) Tip installed on plug.

98-9960-B NEW! Spark Plug, 4 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: B7ES) Tip installed on plug.

98-9961-B NEW! Spark Plug, 4 per Box, 14mm, 1/2" Reach, Each
(Ref. P/N: B7HS) Tip installed on plug.

98-9962-B NEW! Spark Plug, 4 per Box, 14mm, 1/2" Reach, Each
(Ref. P/N: B8HS) Tip installed on plug.

98-9963-B NEW! Spark Plug, 4 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: BP5ES) Tip installed on plug.

98-9964-B NEW! Spark Plug, 4 per Box, 14mm, 3/4" Reach, Each
(Ref. P/N: BP6ES) Tip installed on plug.

98-9965-B NEW! Spark Plug, 4 per Box, 14mm, 1/2" Reach, Each
(Ref. P/N: BP5HS) Tip installed on plug.

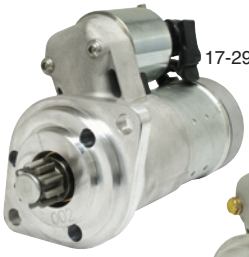
98-9966-B NEW! Spark Plug, 4 per Box, 14mm, 1/2" Reach, Each
(Ref. P/N: BP6HS) Tip installed on plug.

98-9967-B NEW! Spark Plug, 10 per Box, 12mm, 3/4" Reach, Each
(Ref. P/N: D6EA)

98-9968-B NEW! Spark Plug, 10 per Box, 12mm, 3/4" Reach, Each
(Ref. P/N: D7EA)

98-9969-B NEW! Spark Plug, 10 per Box, 12mm, 3/4" Reach, Each
(Ref. P/N: D9EA)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.


17-2957

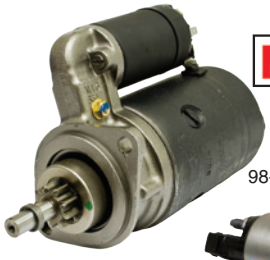
17-2958

COMPU-FIRE HIGH OUTPUT STARTERS

Compu-Fires new Permanent Magnet Gear Reduction (PMGR) Starter Motor for all air-cooled Bug & Bus applications produces 2kw of starting energy by using modern permanent magnet field technology along with a precision wound high amperage armature. The gear reduction has a lower ratio (6:1) to allow easy starts for all large displacement high compression performance engines. The new Starter is assembled in the USA with 100% new components.

17-2957 Compu-Fire High Output Starter 12-Volt Type 1, Each

17-2958 Compu-Fire High Output Starter 12-Volt Type 2, for 091 Trans, Each
(Early Bus w/002 transmission use P/N: 17-2957)


98-9112-B

98-9110-B

BOSCH STARTERS

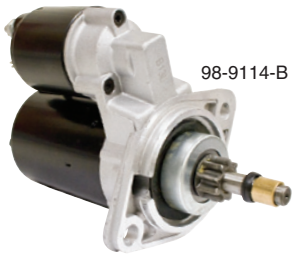
There is nothing like the cranking power of O.E.M. Bosch Starters. No Core Required

98-9112-B Starter, 6-Volt Rebuilt, Type1/2/3 thru 66
(Ref. P/N: SR11X)

98-9110-B Starter,12-Volt New, Type1, 67-79 Exc. AutoStick
Note new design with self supporting armature shaft. Bosch Brazil
(Ref. P/N: SR15N)

98-9109-B NEW! Starter, 12-Volt New, Type 1, 67-79
(Stock type design) Bosch Mexico

98-9109-B NEW!


98-9114-B

EMPI STARTER

High quality replacement 12-Volt starter. New - not rebuilt.

98-9114-B Starter,12-Volt New, Type1, 67-79 Exc. AutoStick
(Ref. P/N: SR15NCH)

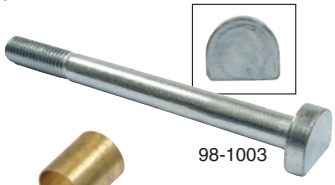
17-2917

HARD-START RELAY KIT – 12VOLT

Allows increased juice to the starter by momentarily by-passing the ignition switch. Easy installation.

17-2917 Hard-Start Relay Kit

98-3012-B NEW!


98-1003

4027

4028

STARTER ADAPTER BUSHINGS / BOLT

These Bushings adapt early to late 6-Volt to12-Volt starter and transaxle combinations. We also now offer stock 12-Volt Bushings. These stock 12-Volt Bushings fit T-1, T-3 and Ghia 67 and Later, Thing 73-74 and Vanagon 80-91.

4027 Bushing, 12-Volt Starter to 6-Volt Transaxle **(Thick)**

4028 Bushing, 6-Volt Starter to 12-Volt Transaxle **(Thin)**

98-1003 Starter Bolt, Each
(Bulk P/N: 111 199 101)

98-3012 NEW! Stock 12-Volt Bushing for Starter Shaft
(Bulk P/N: 113 301 155)

EMPI 55 AMP ALTERNATORS

EMPI 55amp alternator built with all new components – no rebuilt parts are used. This alternator is used in our 9445, 9446 and 9450 Alternator Conversion Kits.

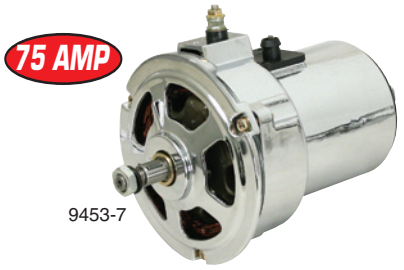
9445-7 EMPI 55AMP Alternator

9445-7

EMPI 75 AMP CHROME ALTERNATOR

Get the power you need to operate amp hungry accessories and high output ignition systems. This alternator pushes out more amps than stock units, and is all new, no rebuilt components are used. This alternator is used in our 9451 kit.

9453-7 EMPI 75AMP Alternator, Chrome

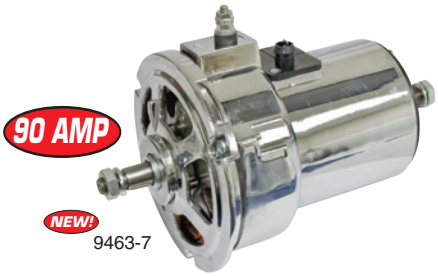


9453-7

EMPI CHROME 90+ AMP ALTERNATOR

New EMPI Chrome 90+ Amp Alternator features a new hi-tech armature providing maximum charging power while running cooler than even the Dual Fan models and taking less horsepower to operate. Chrome plating makes it perfect for Show & Go!

9463-7 NEW! EMPI Chrome 90+ Amp Alternator, Each



9463-7

REPLACEMENT REGULATOR FOR EMPI ALTERNATORS

9452 Bulk Replacement Regulator, Each
Only for EMPI Alternators P/N 9445-7, 9453-7 and 9463-7

9452

BOSCH 55 AMP ALTERNATORS

9444-1 Genuine Bosch AL82N Alternator
(Ref. P/N: AL82N)

9444-1

BOSCH

ALTERNATOR CONVERSION KIT

Replace your 12-Volt generator with a high-charging alternator. Kit comes complete with a new EMPI 55AMP Alternator. Kits include Stand, Strap and 3-Piece Backing Plate Set. Also a great start for converting a 6-Volt system to 12-Volt!

9445 Alternator Conversion Kit
9446 Alt. Conversion Kit w/Zinc Pulley & Belt
9445-7 EMPI 55AMP Alternator Only

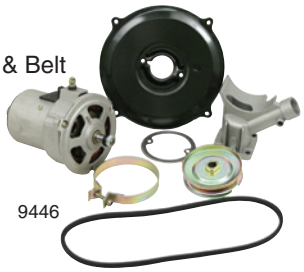
9445

ALTERNATOR CONVERSION KIT

Replace your 12-Volt generator with a high-charging alternator. Kit comes complete with a new EMPI 55AMP Alternator. Kits include Stand, Strap and 3-Piece Backing Plate Set. Also a great start for converting a 6-Volt system to 12-Volt!

9445

9445	Alternator Conversion Kit
9446	Alt. Conversion Kit w/Zinc Pulley & Belt
9445-7	EMPI 55AMP Alternator Only


9446

ALTERNATOR KIT WITH CHROME COMPONENTS

Kit comes complete with a new EMPI 55AMP Alternator. Kit includes Chrome Stand, Chrome Strap, Chrome Pulley, Fan Belt and 3-Piece Tin Set with chrome face plate and chrome rear piece. (Note: Alternator is NOT Chrome).

9450

9450	Alternator Kit w/Chrome Components
9445-7	EMPI 55AMP Alternator Only

CHROME 75 AMP ALTERNATOR KIT W/ CHROME COMPONENTS

Kit comes complete with a new Chrome EMPI 75AMP Alternator. Kit includes Chrome Stand, Chrome Strap, Chrome Pulley, Fan Belt and 3-Piece Tin Set with chrome face plate and chrome rear piece. **(Note: Alternator is Chrome Plated)**

9451

9451	Chrome Alt. Kit w/ Chrome Components
9453-7	EMPI Chrome 75AMP Alternator Only

CARB. SPACERS / ALTERNATOR CONVERSION

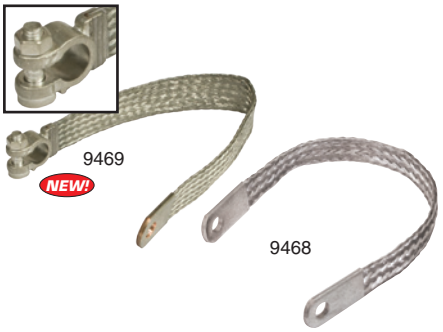
Sometimes necessary for Alternator Conversion. Two spacers available. 3245 spacer is for stock Solex/Brosol 28/30 Carburetor and is 1" thick with 2 1/8" hole to hole measurement. 16-9705 is for 34 Pict Carburetor and measures 3/8" thick with 2 11/16" hole to hole measurement.

16-9705

3245	Carb. Adapter Kit w/Studs, Nuts & Gaskets
16-9705	34 PICT Carburetor Spacer, Each

BRAIDED BATTERY STRAPS

Stock-style braided Battery Straps for reliable contact to your chassis and battery. Available in three lengths for all applications.



9467		Braided Ground Strap - Chassis, 9"
9468		Braided Ground Strap - Chassis, 12"
9469	NEW!	Braided Battery Cable, 14"

9467

ALTERNATOR / GENERATOR STAND

Available in Chrome and Stock Style. Complete the look with our accessory oil filler tubes.

8991 Alt/Gen Stand, Chrome
9194 Alt/Gen Stand, Raw Aluminum
(Bulk P/N: 113 101 211G) Stand Only

98-0141-B Gasket, Generator Stand
Type 1 60-79, Ghia 60-74, Type 2 61-71, Type 3 64-73, Each
(Ref. P/N: 113 101 219)

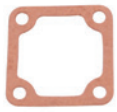
98-0142-B Deflector Plate, Gasket Generator Support,
Type 1 60-79, Ghia 60-74, Type 2 63-71, Type 3 64-73, Each
(Ref. P/N: 113 101 221B)

98-1176 NEW! Nut, Oil Filler, Type 1 61-79, Ghia 61-74,
Type 2 61-71, Type 3 64-73, Each
(Bulk P/N: 113 115 495)

98-1173-B Sealing Washer, Oil Filler to Gen / Alt Pedestal, Each
Type 1 61-74, Ghia 61-74, Type 2 61-71, Type 3 64-73
(Ref. P/N: 113 115 475)

8991

9194


113 101 219

113 101 221B

NEW! 98-1176

113 115 475

ALTERNATOR / GENERATOR BACKING PLATE KITS

Made from heavy steel our 3-piece stock style kits are available in chrome or black finish.

9056 Chrome Steel Stock Style 3-Piece Kit
9057 Black Steel Stock-Style 3-Piece Tin Kit

9071 Steel Backing Plate Only, Chrome
8979 Steel Backing Plate Only, Black

9071

8979

9056

9057

ALTERNATOR / GENERATOR STRAP

Stock style clamp available in Polished Chrome or Gold Zinc finish. Secures 12-Volt alternator or generator while adding a finished look.

8903 Alt/Gen Strap, Chrome
9058 Alt/Gen Strap, Zinc
(Bulk P/N: 113 903 141B)

9058

8903

STAINLESS STEEL T-BOLT STYLE ALT / GEN STRAP

The ultimate alternator / generator strap. The great and long lasting looks, strength and durability of stainless steel with the positive security of the T-Bolt style. A must for off road.

16-5161 Stainless Steel T-Bolt Strap

16-5161

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

12-VOLT ALTERNATOR / GENERATOR PULLEY

Complete pulley assemblies come in your choice of Chrome or Gold-Zinc finish with all the necessary related hardware.
(Pulleys require a minimum of 10 shims to properly install and avoid damage).

9166 12-Volt Pulley, Gold-Zinc
(Bulk P/N: 043 903 109)
9191 12-Volt Pulley, Chrome

98-9012 12-Volt Pulley, w/ Air Fins, Black
(Bulk P/N: 040 903 109)

98-0111 Alt/Gen Pulley Woodruff Key, 2 pcs.
(Bulk P/N: N012 705 1)

9197 Alt/Gen Shim Kit, 10 Shims
9197-B Bulk Alt/Gen Shims, 100 Shims
(Ref. P/N: 111 903 131A)

BILLET ALUMINUM 12-VOLT ALT / GEN PULLEY

EMPI now offers a 6061 T-6 aluminum front pulley cover. These covers are the outer half only and feature machined holes in it for a bold new look which also functions to rid the belt area of dirt and debris. It is also offered complete with a Silver Zinc-Steel inner pulley half if you want a complete assembly. Outer halves only are available in Polished Aluminum, Black, Blue or Red Anodized.

33-1041		Complete Alt/Gen Pulley, Polished Outer Half w/ Metal Inner
33-1040		Polished Alt/Gen Pulley, Outer Half Only
18-1082	NEW!	Black Alt/Gen Pulley, Outer Half Only
18-1083	NEW!	Blue Alt/Gen Pulley, Outer Half Only
18-1084	NEW!	Red Alt/Gen Pulley, Outer Half Only

BILLET ALTERNATOR / GENERATOR PULLEY

This complete Billet pulley spins straight and true, the perfect addition to your killer engine. Available in Polished Aluminum, Black, Blue or Red Anodized. Supplied with machined washer and Woodruff Key.

16-9707		Polished Alternator / Generator Pulley Kit
16-9706		Black Alternator / Generator Pulley Kit
18-1080	NEW!	Blue Alternator / Generator Pulley Kit
18-1081	NEW!	Red Alternator / Generator Pulley Kit
16-9708		Special Nut and Washer Set For 16-9707, 16-9706, 18-1080 and 18-1081 Pulley's Only
16-9709		Shims for Billet Pulley Only (5pcs)

FINNED ALTERNATOR / GENERATOR PULLEY COVERS

See-Thru plastic with attractive fins. Matches other Finned accessories. Fits over Alt/Gen pulley.

8925 Finned Pulley Cover, Clear
8926 Finned Pulley Cover, Red
8927 Finned Pulley Cover, Blue
8928 Finned Pulley Cover, Gold/Yellow

CHROME ALTERNATOR / GENERATOR NUT & SPACER

Chrome cone-shaped spacer and smooth cap-style pulley nut adds the finished look to all stock and chrome pulleys.

9119 Chrome Alt/Gen Nut & Spacer, 2-Piece Set

BOSCH GENERATORS

Don't settle for anything less than the best...Bosch. No Core Required

98-9031-B Gen., 12-Volt New, Type 1 67-73, Type 2 67-68
(Ref. P/N: GR15N)

98-9068-B Voltage Reg., 12-Volt, Type 1/3 67-73 / Type 2 67-68
(Ref. P/N: 30 019)

GENERATOR BRUSHES

98-8702-B NEW! Generator Brush Set, 12 Volt, Pair
Type 1 67-73, Type 2 66-71, Type 3 67-73
(Ref. P/N: 113 903 515A)

GENERATOR BRUSH COVER

Our black plastic Generator Brush Cover keeps dirt and moisture out of the generator, helping to extend generator life. Fits BOSCH GR15/17 generators.

8902 Generator Brush Cover, Each
(Bulk P/N: 113 903 531)

STAINLESS STEEL GENERATOR COVER

Polished Stainless Steel Cover fits perfectly over your stock generator and gives your car that "Show Look". Air holes allow for cooling.

9036 Stainless Steel Generator Cover

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI SIDEFLOW EXHAUST SYSTEMS

Enhance the look of your VW while improving its performance with EMPI "Sideflow" exhaust systems. They feature Mandrel bent tubing to ensure a smooth exhaust flow and a true 4 onto 1 merged collector. They are Tig welded for strength and a nice clean look. The flanges are thick and surface grounded for a flat solid seal. The exhaust pipes tuck behind the engine allowing for maximum ground clearance. These systems include our quiet muffler in either black with a stainless-steel tip or a complete stainless-steel set and come with all the necessary hardware for installation. If you are looking for a hidden, ground clearing exhaust while boosting performance, this is the system for you.

3485

SIDEFLOW EXHAUST SYSTEM (TYPE 1)

1 1/2" tubing featuring a true 4 into 1 merged collector. Tig welded for strength and good looks. The mounting flanges are thick. System includes black Quiet Muffler w/ Stainless Steel tip. Complete with gaskets and hardware. Type 1 upright engines only. This is a competition system and cannot be used with heater boxes.

3485 Sideflow Merged Exhaust System w/ Muffler, Type 1 66-73 Upright Engines Only, 1300-1600cc

3762

S/S SIDEFLOW EXHAUST SYSTEM (TYPE 1)

Stainless Steel 1 5/8" tubing featuring a true 4 into 1 merged collector. Tig welded for strength and good looks. The mounting flanges are thick. System includes S/S Quiet Muffler. Complete with gaskets and hardware. This is a competition system and cannot be used with heater boxes.

3762 S/S Sideflow Merged Exhaust System w/ Muffler, Type 1 66-73 Upright Engines Only, 1300-1600cc

NEW! 3263

SIDEFLOW EXHAUST SYSTEM (TYPE 1)

1 5/8" tubing featuring a true 4 into 1 merged collector. Tig welded for strength and good looks. The mounting flanges are thick. System includes black Quiet Muffler w/ Stainless Steel tip. Complete with gaskets and hardware.
This is a competition system and cannot be used with heater boxes.

3263 NEW! Sideflow Merged Exhaust System w/ Muffler, Type 1 66-73 Upright Engines Only, 1300-1600cc

3450
NEW!

SIDEFLOW EXHAUST SYSTEM (TYPE 2, 63-67)

1 1/2" tubing featuring a true 4 into 1 merged collector. Tig welded for strength and good looks. The mounting flanges are thick. System includes black Quiet Muffler w/ Stainless Steel tip. Complete with gaskets and hardware. Fits Type 2 1963-1967, 1500-1600cc. This is a competition system and cannot be used with heater boxes.

3450 NEW! Sideflow Merged Exhaust System w/ Muffler, Type 2, 1963-1967, 1500-1600cc

3448 NEW!

S/S SIDEFLOW EXHAUST SYSTEM (TYPE 2, 63-67)

Stainless Steel 1 5/8" tubing featuring a true 4 into 1 merged collector. Tig welded for strength and good looks. The mounting flanges are thick. System includes S/S Quiet Muffler. Complete with gaskets and hardware. Fits Type 2 1963-1967, 1500-1600cc. This is a competition system and cannot be used with heater boxes.

3448 NEW! S/S Sideflow Merged Exhaust System w/ Muffler, Type 2, 1963-1967, 1500-1600cc

EMPI Headers and Mufflers are coated with a layer of paint which acts as a rust inhibitor - and may burn off once they get hot. It is best to clean off the coating with a good solvent then paint the system with quality hi-temp paint. Systems are not warranted against rust. EMPI offers many Exhaust Systems pre-finished in a Ceramic Coating. Discoloration is not a manufacturing, **chrome** process or **stainless steel** issue. High exhaust temperatures exceed the capabilities of chrome plating to handle the heat without discoloration. Stainless Steel systems may also experience discoloration due to engine heat. EMPI does not warranty Exhaust Systems against discoloration or bluing.

EMPI SIDEFLOW EXHAUST SYSTEMS

SIDEFLOW EXHAUST SYSTEM (TYPE 2, 68-71)

1 1/2" tubing featuring a true 4 into 1 merged collector. Tig welded for strength and good looks. The mounting flanges are thick. System includes black Quiet Muffler w/ Stainless Steel tip or complete Stainless Steel set. Complete with gaskets and hardware. Fits Type 2 1968-1971. Systems are available that clamp to J-Tubes / Heater Boxes Bolt-On J-Tubes / Bolt-On Heater Boxes. See page 200 for these.

3255 NEW! Stainless Steel Sideflow Merged Exhaust System w/ S/S Muffler (w/ Flanges), Type 2, 1968-1971

3256 NEW! Sideflow Merged Exhaust System w/ Muffler (w/ Flanges), Type 2, 1968-1971

3257 NEW! Sideflow Merged Exhaust System w/ Muffler, Type 2, 1968-1971

REPLACEMENT MUFFLERS FOR EMPI SIDEFLOW EXHAUST SYSTEMS

These only fit EMPI Exhaust Systems. Complete with gaskets and hardware.

3764 NEW! Stainless Steel Sideflow Muffler Only, Type 1 66-73, 1300-1600cc, Fits EMPI P/N 3762 Exhaust System

3264 NEW! Black w/ Stainless Steel Tip Sideflow Muffler Only, Type 1 66-73, 1300-1600cc Fits EMPI P/N 3263 & 3485 Exhaust Systems

3481 NEW! Stainless Steel Sideflow Muffler Only, Type 2 63-67, Fits EMPI P/N 3448 Exhaust System

3482 NEW! Black w/ Stainless Steel Tip Sideflow Muffler Only, Type 2 63-67, Fits EMPI P/N 3450 Exhaust System

3258 NEW! Stainless Steel Sideflow Muffler Only, Type 2 68-71, Fits EMPI P/N 3255 Exhaust System

3259 NEW! Black w/ Stainless Steel Tip Sideflow Muffler Only, Type 2 68-71, Fits EMPI P/N 3256 & 3257 Exhaust Systems

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EXHAUST COMPONENTS

Thick Flanges

STAINLESS STEEL J-TUBES

1 1/2" Stainless Steel Tubing J-Tubes, Tig welded with thick mounting flanges, fully welded internally. Will fit most standard extractors. Fits all Type 1 & 2 upright engines. Complete with gaskets. Will fit all EMPI Exhaust. Sold in Pairs.

3768

3755 NEW!

3768 S/S J-Tubes, Fits all Type 1 & 2 Upright Engines, Pair

3755 NEW! S/S J-Tubes w/ Flanges, Fits Type 1 & 2 Upright Engines, Pair
Fits EMPI Exhaust 3255

HEATER BOX J-TUBES

J-Tubes replace stock heater boxes, eliminating heater and saving weight. Fits most standard extractors. Fits all Type 1 & 2 upright engines. 1 1/2" Tubing. Complete with Gaskets. Sold in pairs.

3357 Available with Ceramic Coating

3420

3357 Fits all Type 1 & 2 Upright Engines, Black, Skin Packed, Pair
55-3357 Fits all Type 1 & 2 Upright Engines, **Ceramic Coated**, Pair
3357-8 Fits all Type 1 & 2 Upright Engines, Black, Packaged in Poly Bag, Pair

3657 All Type 3 Models, Black, Skin Packed, Pair
3657-8 All Type 3 Models, Black, Packaged in Poly Bag, Pair

3420 Fits all Type 1 & 2 Upright Engines, w/Flanges, Black, Pair
Fits EMPI Exhaust 3256, 7320
55-3420 Fits all Type 1 & 2 Upright Engines, w/Flanges, **Ceramic Coated**, Pair
Fits EMPI Exhaust 55-7320

STOCK HEATER BOXES - 1 3/8" CONNECTOR

Replace those rusted out and damaged heater boxes with European made Dansk Heavy Duty heater boxes. Fits Type 1 & 2 upright engines.

Dansk
95-3013-B
Available with Ceramic Coating
55-3012

95-3012-B Dansk H.D. Heater Box, Left
(Ref. P/N: 043 255 107HD)
55-3012 Dansk H.D. Heater Box, Left, **Ceramic Coated**

95-3013-B Dansk H.D. Heater Box, Right
(Ref. P/N: 043 255 108HD)

55-3013 Dansk H.D. Heater Box, Right, **Ceramic Coated**

HI-PERFORMANCE 1 1/2" FLANGED HEATER BOXES

These heater boxes offer the ability to still use your heater/defrost system and not stifle your big motors H.P. output! European made Dansk heater boxes. Large I.D. tubing along with lightweight heater box design is the key to this equation. Fits Type 1 & 2 upright engines.
Custom fit application to header P/N: 3255, 3256, 7320 and 55-7320 only.

Dansk
55-3029
Available with Ceramic Coating
95-3028-B

95-3028-B Hi-Performance 1 1/2" Flanged Heater Box, Left
55-3028 Hi-Perf. 1 1/2" Flanged Heater Box, Left, **Ceramic Coated**

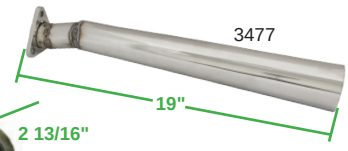
95-3029-B Hi-Performance 1 1/2" Flanged Heater Box, Right
55-3029 Hi-Perf. 1 1/2" Flanged Heater Box, Right, **Ceramic Coated**

EMPI Headers and Mufflers are coated with a layer of paint which acts as a rust inhibitor - and may burn off once they get hot. It is best to clean off the coating with a good solvent then paint the system with quality hi-temp paint. Systems are not warranted against rust. EMPI offers many Exhaust Systems pre-finished in a Ceramic Coating. Discoloration is not a manufacturing, **chrome** process or **stainless steel** issue. High exhaust temperatures exceed the capabilities of chrome plating to handle the heat without discoloration. Stainless Steel systems may also experience discoloration due to engine heat. EMPI does not warranty Exhaust Systems against discoloration or bluing.

STAINLESS STEEL EXTRACTOR & STINGER

Stainless Steel 1 3/8" tubing, Tig welded with thick mounting flanges - fully welded internally. The 3-bolt muffler flange is centered, flange is at the 1:00 position and features oval holes for muffler alignment. May be used with heater boxes or J-Pipes. Complete with aluminum flex hose, gaskets and hardware.

Thick Flanges



3767 S/S Extractor Only, Fits Type 1 66-73, Type 2 63-71 1300-1600cc Upright Engines

3477 S/S Stinger Only w/ Swivel Flange, Fits 3100 / 3102 / 3767

3780-1 Fiberglass-Wrapped Baffle Fits all EMPI Stingers

STAINLESS STEEL PHAT BOY MUFFLER

Stainless Steel Phat Boy Muffler for P/N 3767 Extractor, includes gasket and hardware. Will only fit 3767 Header.

3765 S/S Phat Boy Muffler for P/N 3767 Extractor Fits Type 1 66-73, 1300-1600cc Upright Engines

3206 S/S Phat Boy Muffler for P/N 3767 Extractor Fits Type 2 63-71, 1500-1600cc Upright Engines

STAINLESS STEEL HIDEAWAY MUFFLER

Stainless Steel Hideaway Muffler for P/N 3767 Extractor. Includes brackets, hardware and gasket.

3763 S/S Hideaway Muffler for P/N 3767 Extractor Fits Type 1 66-73, 1300-1600cc Upright Engine Will fit 3767 and 3100 Headers

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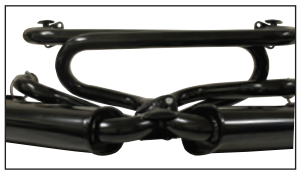
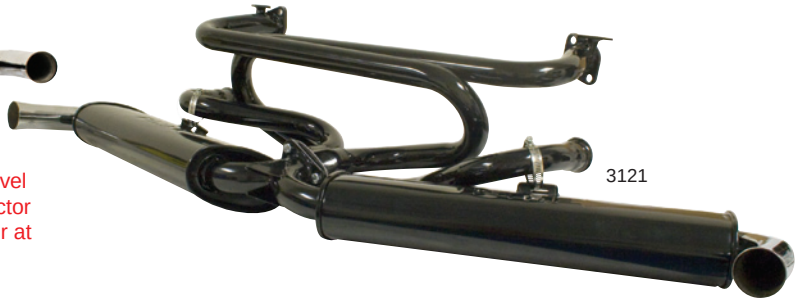


Re-Designed New Level Fit Mufflers and Collector is Centered on Header at 1:00 Position

EMPI PREMIUM EXHAUST SYSTEMS



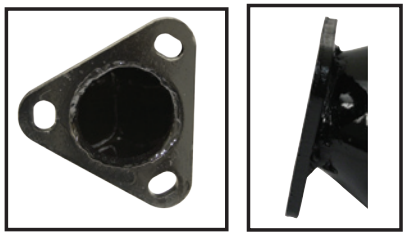
Featuring the EMPI Premium Extractor, made from 1 3/8", 16 gauge steel – mandrel bent for smooth flow and good looks. Extra thick flanges are surface ground to ensure flat sealing surface and finish ground on I.D.s.

Collector is centered and the small 3-bolt flange is at the 1:00 position. Available with Single or Dual Quiet Mufflers…totally re-designed for a perfect, level fit.

Comes with high quality gaskets, stainless steel bolts and copper nuts to resist corrosion. Available with Black painted finish or super durable Ceramic Silver Coat.

Fits Type 1 66-73, 1300-1600cc.

3120	EMPI Premium Exhaust System w/Single Quiet Muffler, Type 1 66-73
3121	EMPI Premium Exhaust System w/Dual Quiet Mufflers, Type 1 66-73 UPS+

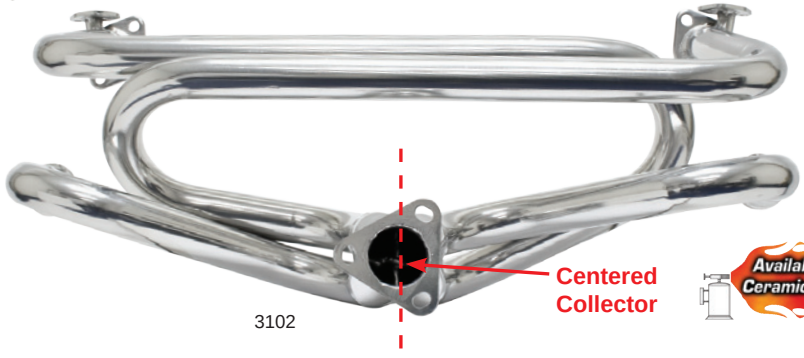


Surface ground flanges!

EMPI PREMIUM EXTRACTORS ONLY

EMPI's new premium extractors are made from 1 3/8" 16 gauge steel with extra thick flanges. Tubes are mandrel bent to insure smooth exhaust gas flow. All flanges are surface ground to ensure a flat sealing surface and finish ground on I.D.'s. The 3-bolt muffler flange is at the 1:00 position and will accept P/N 3200, 3201, 3202, 3206, 3122, 3123, 55-3122, 55-3123, 3763 mufflers and P/N 3696, 55-3696, 3697, 3477 stingers. Comes with high quality gaskets, stainless steel bolts and copper nuts to resist corrosion.

Fits Type 1 66-73, 1300-1600cc and Type 2 63-71, 1500-1600cc.



3100	Premium Extractor Only, Black,
3102	Premium Extractor Only, **Ceramic Coated**
3477	S/S Stinger Only w/ Swivel Flange, Fits P/N 3100 / 3102 / 3767 Extractors
3780-1	Fiberglass-Wrapped Baffle, Fits all EMPI Stingers

EMPI Headers and Mufflers are coated with a layer of paint which acts as a rust inhibitor - and may burn off once they get hot. It is best to clean off the coating with a good solvent then paint the system with quality hi-temp paint. Systems are not warranted against rust. EMPI offers many Exhaust Systems pre-finished in a Ceramic Coating. Discoloration is not a manufacturing, **chrome** process or **stainless steel** issue. High exhaust temperatures exceed the capabilities of chrome plating to handle the heat without discoloration. Stainless Steel systems may also experience discoloration due to engine heat. EMPI does not warranty Exhaust Systems against discoloration or bluing.

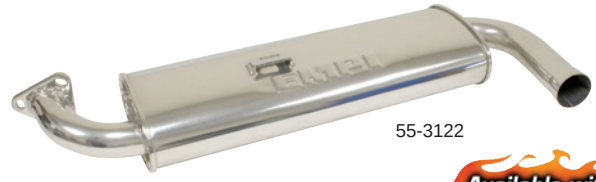
EMPI MUFFLERS FOR PREMIUM EXTRACTORS

SINGLE QUIET MUFFLER

3122 Single Quiet Muffler **(Black w/ Chrome Tip)** for EMPI Premium Exhaust System, Type 1 (Fits 3100 and 3102 Extractors Only)

55-3122 Single Quiet Muffler **(Ceramic Coated)** for EMPI Premium Exhaust System, Type 1 (Fits 3100 and 3102 Extractors Only)

3122



55-3122

Available with Ceramic Coating

DUAL QUIET MUFFLER

3123 Dual Quiet Muffler **(Black w/ Chrome Tip)** for EMPI Premium Exhaust System, Type 1 (Fits 3100 and 3102 Extractors Only) ups+

55-3123 Dual Quiet Muffler **(Ceramic Coated)** for EMPI Premium Exhaust System, Type 1 (Fits 3100 and 3102 Extractors Only) ups+

3123

55-3123

PHAT BOY MUFFLERS FOR PREMIUM EXTRACTORS

These bad PHAT Boys provide maximum flow and power with a distinctive turbo hush. They won't see you coming; they will hear you going. We make 3 versions, black, ceramic coated steel and stainless steel for Type 1's and Type 2's. Must use extractor P/N's 3100 or 3102 listed on page 202.

3202

Available with Ceramic Coating

TYPE 1 (1300-1600cc, 66-73)

3200 PHAT Boy Muffler, Black - Fits P/N: 3100 and 3102
3201 PHAT Boy Muffler, **Ceramic Coated** - Fits P/N: 3100 and 3102
3202 PHAT Boy Muffler, Stainless Steel - Fits P/N: 3100 and 3102

TYPE 2 (1500-1600C, 63-71)

3206 PHAT Boy Muffler, Stainless Steel - Fits P/N: 3100, 3102 and 3767

3206

TYPE 2

STAINLESS STEEL

EMPI Headers and Mufflers are coated with a layer of paint which acts as a rust inhibitor - and may burn off once they get hot. It is best to clean off the coating with a good solvent then paint the system with quality hi-temp paint. Systems are not warranted against rust. EMPI offers many Exhaust Systems pre-finished in a Ceramic Coating. Discoloration is not a manufacturing, **chrome** process or **stainless steel** issue. High exhaust temperatures exceed the capabilities of chrome plating to handle the heat without discoloration. Stainless Steel systems may also experience discoloration due to engine heat. EMPI does not warranty Exhaust Systems against discoloration or bluing.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EXHAUST COMPONENTS

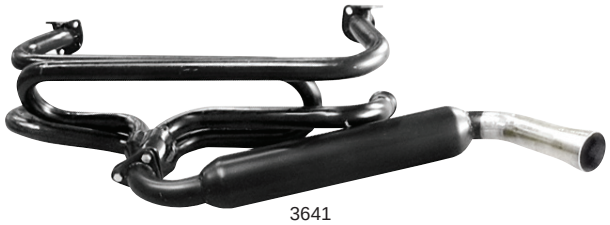
1:00 Position
Except Type 3

3647

3661

3648

3662



3641

3682

EXHAUST SYSTEMS - SMALL 3 BOLT FLANGE IN "1:00" POSITION

The most popular of our extensive precision-designed VW Exhaust Systems. These systems feature 1 3/8" tubing with Small 3 Bolt Muffler Flange and Flared Chrome Muffler Tips. All systems include aluminum flex hose and installation kit. Collector is off-set, non-centered.

Header flange is at "1:00" Position, except Type 3 system.

Ceramic coated components available separately for most of these systems. Refer to component only listings.

SINGLE QUIET EXHAUST SYSTEMS

3647	Type 1 & Ghia, 1300-1600cc, 66-73
3655	Type 2, 1500-1600cc, 63-71
3661	Type 3, 1500-1600cc

DUAL QUIET EXHAUST SYSTEMS

3648	Type 1 & Ghia, 1300-1600cc, 66-73 ups+
3656	Type 2, 1500-1600cc, 63-71 ups+
3662	Type 3, 1500-1600cc ups+

SINGLE GLASS PACK EXHAUST SYSTEMS

3641	Type 1 & Ghia, 1300-1600cc, 66-73 Type 2, 1500-1600cc, 63-71

HEADER ONLY - SMALL 3 BOLT FLANGE

3682	Type 1 & Ghia, 1300-1600cc, 66-73 Type 2, 1500-1600cc, 63-71
55-3682	Type 1 & Ghia, 1300-1600cc, 66-73 Type 2, 1500-1600cc, 63-71, **Ceramic Coated**
3661-7	Type 3, 1500-1600cc
55-3661-7	Type 3, 1500-1600cc, **Ceramic Coated**

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REPLACEMENT MUFFLERS WITH CHROME TIP SMALL 3 BOLT FLANGE IN "1:00" POSITION

Available with Ceramic Coating

3644	Single Quiet Black with Chrome Tip - Type 1 & Ghia, 66-73
55-3644	Single Quiet - Type 1 & Ghia, 66-73, **Ceramic Coated**

3645	Dual Quiet Black with Chrome Tips - Type 1 & Ghia, 66-73
55-3645	Dual Quiet - Type 1 & Ghia, 66-73, **Ceramic Coated**

3666	Single Quiet Black with Chrome Tip - Type 2, 63-71
55-3666	Single Quiet - Type 2, 63-71, **Ceramic Coated**

3667	Dual Quiet Black with Chrome Tips - Type 2, 63-71
55-3667	Dual Quiet - Type 2, 63-71, **Ceramic Coated**

3668	Single Quiet Black with Chrome Tip - Type 3
55-3668	Single Quiet - Type 3, **Ceramic Coated**
3669	Dual Quiet Black with Chrome Tips - Type 3

3663	Single Glass Pack with Chrome Tip, Type 1 & 2 Only

SWIVEL FLANGE STINGERS & BAFFLES

The EMPI designed Swivel Flange Stinger eliminates the guess-work. The stinger will rotate to any desired position until tightened. Available in chrome, black, stainless steel or ceramic coat finish. Fits most manufacturers Small 3 Bolt Flange systems. These stingers fit 3760, 3682, 3699 and 7320 exhaust. Baffle is easily installed and then removed for competition use.

3696	Swivel Flange Stinger, Black
55-3696	Swivel Flange Stinger, **Ceramic Coated**
3697	Swivel Flange Stinger, Chrome

Available with Ceramic Coating

3772	S/S Stinger Only w/ Swivel Flange Will fit 3760, 3682, 3699 and 7320 Headers
3780-1	Fiberglass-Wrapped Baffle Fits all EMPI Stingers

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EXHAUST COMPONENTS

3650

55-3682

HIGH MOUNT QUIET MUFFLER

Mounts muffler high up next to engine on the right side for increased ground clearance. Looks and sounds great. 1 3/8" tubing. Securely mounts to cylinder head. Collector is off-set, non-centered.
For use with P/N: 3682 Header.

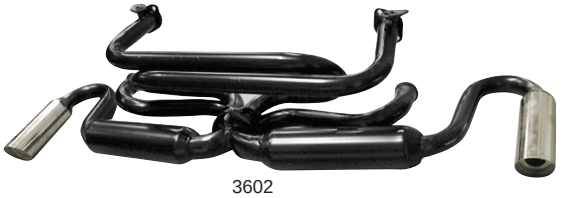
3682	Header Only, Type 1, 1300-1600cc, 66-73 Type 2, 1500-1600cc, 63-71
55-3682	Header Only, Type 1, 1300-1600cc, 66-73 **Ceramic Coated** Type 2, 1500-1600cc, 63-71
3650	High Mount Quiet Muffler, Black, Type 1 Only
55-3650	High Mount Quiet Muffler, **Ceramic Coated**, Type 1 Only

3300

ECONO EXHAUST SYSTEM

Designed with adjustable slip joints on header pipes, this inexpensive system fits all Type 1 & 2 models including late 40HP, 1300-1600cc...any upright model with fresh-air heaters. 1 3/8" tubing. Includes hardware, gaskets and aluminum flex hose.

3300	Econo Exhaust System


3602

TUCK-AWAY DUAL EXHAUST SYSTEM

This exhaust system is hidden behind the rear apron and features a dual glass pack muffler with Dual Chrome Tips and fits all 1300-1600cc Type 1 applications. This system features 1 1/2" tubing. Complete system including hardware.

3602	Tuck-Away Dual Exhaust
3603	Replacement Dual Muffler Only
3602-7	Header Only (Can be used for custom exhaust systems)

3425

VW THING EXHAUST

2 Tip Extractor for '73 - '75 Thing, featuring 1 3/8" tubing and adjustable tips for body clearance. Available in black or ceramic coated.

3425	Thing Exhaust, 73-75, Black
55-3425	Thing Exhaust, 73-75, **Ceramic Coated**

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EXHAUST SYSTEMS - LARGE 3 BOLT FLANGE

These precision designed systems feature 1 1/2" Tubing and Large 3 Bolt Muffler Flange. Mufflers feature Black tips. All systems include aluminum flex hose and installation kit.

SINGLE QUIET EXHAUST SYSTEMS

3312 Single Quiet System
Type 1 & Ghia, 1300-1600cc, 66-73

SINGLE GLASS PACK EXHAUST SYSTEM

3310 Single Glass Pack Black w/ Chrome Tip
Type 1 & Ghia, 1300-1600cc, 66-73

HEADER ONLY - LARGE 3 BOLT FLANGE

3474 Type 1 & Ghia, 1300-1600cc, 66-73
55-3474 Type 1 & Ghia, 1300-1600cc, 66-73,
Ceramic Coated

REPLACEMENT MUFFLERS - LARGE 3 BOLT FLANGE

3324 Single Quiet, Type 1 & Ghia, 1300-1600cc, 66-73
55-3324 Single Quiet, Type 1 & Ghia, 1300-1600cc, 66-73,
Ceramic Coated

3322 Single Glass Pack Black w/Chrome Tip
Type 1 & Ghia, 1300-1600cc, 66-73

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LATE TYPE 2 & TYPE 4 EXHAUST SYSTEMS

This tuned system increases horsepower and improves appearance of your late model Type 2 or 411.

3771

S/S TYPE 2 & TYPE 4 EXHAUST SYSTEM

1 1/2" Stainless Steel Tubing, Tig welded with thick mounting flanges. Fully welded internally w/ S/S quiet muffler. Complete with gaskets and hardware.

3771 S/S Type 2 & 411, 1700-2000cc 72-74

3439

QUIET EXHAUST SYSTEM - TYPE 2 & TYPE 4 72-74

3439 Type 2 & 411, 1700-2000cc, 72-74,
1 1/2" tubing, Large 3 Bolt Flange

3442 Replacement Quiet Muffler Only - Fits P/N: 3439

3319-7 Header Only, 1 1/2" tubing, for P/N: 3439

3442

3483

2 TIP GT EXHAUST SYSTEM - TYPE 2 & TYPE 4

3483 Type 2 & 411, 1700-2000cc, 72-74 ups+
1 3/8" tubing, Black with Chrome Tips

3714

QUIET EXHAUST SYSTEM - TYPE 2 75-78

3714 Type 2, 75-78, 1 1/2" tubing, Small 3 Bolt Flange
(Eliminates Catalytic Converter - Not Legal for Street Use in CA)

3715 Replacement Quiet Muffler Only - Fits P/N: 3714

3714-7 Header Only, 1 1/2" tubing, for 3714

3484

4 TIP GT EXHAUST SYSTEM - TYPE 2 75-78

3484 Type 2 75-78 ups+
1 1/2" tubing, Black with Chrome Tips
(Eliminates Catalytic Converter- Not Legal for Street Use in CA)

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3761

STAINLESS STEEL 2-TIP EXHAUST SYSTEM

Stainless Steel Exhaust System– precision-designed with 2 Chrome Baffled Tips that exit thru the stock apron cut-outs. Features thick flanges for secure fit and seal. 1 3/8" S/S Tubing. Includes aluminum flex hose, gaskets and hardware.

3761 Stainless Steel 2-Tip Exhaust,
Type 1 & Ghia, 66-73, 1300-1600cc

GT STYLE EXHAUST SYSTEMS

European looks with Muffler featuring 1 or 2 Chrome Exhaust Tips. Complete with hardware and aluminum flex hose.

3418

EMPI 2 TIP EXHAUST SYSTEM

3418 Type 1 & Ghia, 1300-1600cc, 66-73
Black with Chrome Tips, 1 3/8" tubing

55-3418 Type 1 & Ghia, 1300-1600cc, 66-73
Ceramic Coated, 1 3/8" tubing

55-3418

3766
(40hp)

2 TIP GT EXHAUST SYSTEM

3766 Type 1, 1200cc, 63 1/2-65 (40HP)
Black with Chrome Tips, 1 3/8" tubing

3417 Type 1 & Ghia, 1300-1600cc, 66-73
Black with Chrome Tips, 1 3/8" tubing

3417

3675

SQUARE-TIP EXHAUST SYSTEM

3675 Square-Tip Exhaust, Black w/ Chrome Square Tips, 1 3/8" tubing,
Type 1 & Ghia, 1300-1600cc, 66-73

'PEA SHOOTER' EXHAUST SYSTEM

3680 Pea Shooter Exhaust System
Black w/ Chrome 'Pea Shooter' Tips
1 3/8" tubing,
Type 1 & Ghia, 1300-1600cc, 66-73

3680

3487

SINGLE-TIP GT EXHAUST SYSTEM

3487 Type 1 & Ghia, 1300-1600cc, 66-73
Black with Chrome Tip, 1 3/8" tubing

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EXHAUST COMPONENTS

3414

3415

TYPE 3

4-TIP GT EXHAUST SYSTEM

European looks with Quiet Muffler featuring 4 Chrome Exhaust Tips with built-in resonators for that unique “GT” sound. Complete with hardware and aluminum flex hose.

3414 Type 1 & Ghia, 66-73, 1300-1600cc
Type 2, 63-71, 1500-1600cc
1 3/8" tubing, Black with Chrome Tips

3415 Type 3, 66-74, 1300-1600cc,
1 3/8" tubing, Black with Chrome Tips UPS+

STAINLESS STEEL MERGED COMPETITION EXHAUST SYSTEM

1 5/8” Stainless Steel tubing, tig welded for strength and good looks and features a true 4 into 1 merged collector. The mounting flanges are thick and fully welded internally. Includes Stainless Steel Stinger w/ Swivel Flange. Complete with gaskets and hardware.

This is a competition system and cannot be used with heater boxes.

3760
Exhaust w/ Stinger

3760 S/S Merged Competition Exhaust System
w/ Stinger, Type 1 Only, 66-73

3703 S/S Phat Boy Muffler for Merged Exhaust, Type 1

3772 S/S Stinger Only w/ Swivel Flange
Will fit 3760, 3682, 3699 and
7320 Headers

3780-1 Fiberglass-Wrapped Baffle, Fits all EMPI Stingers

3772
Stinger Only

3780-1

STAINLESS STEEL

3703

Thick
Flanges

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COMPETITION MERGED EXHAUST SYSTEM

This is the exhaust system for the serious racer. A true merged exhaust. Four 1 5/8" large diameter mandrel bent tubes are cut and fitted into a long merged collector. Header features thick H.D. Flanges with ground flat gasket surfaces. All internal welds are ground for true high flow performance. Includes an EMPI swivel flange racing stinger. Use the hideaway muffler or PHAT Boy to get to & from the track. Eliminates heater boxes. Type 1 only.

3699

3699	1 5/8" Racing Merged Exhaust Sys., Eliminates Heater Boxes
55-3699	1 5/8" Racing Merged Exhaust System, Eliminates Heater Boxes, **Ceramic Coated**

3689

3689	Dual Quiet Muffler Only for 3699 and 7320 +UPS
55-3689 NEW!	Dual Quiet Muffler Only for 3699 and 7320, **Ceramic Coated** +UPS

3700

3700	Hideaway Muffler - Fits P/N: 3699 & 7320, with J-Tubes +UPS
55-3700	Hideaway Muffler - Fits P/N: 3699 & 7320, with J-Tubes +UPS **Ceramic Coated**

COMPETITION MERGED EXHAUST FOR BOLT-ON HEATER BOXES

EMPI now offers an 1 5/8" Merged Competition Header System for use with special 1 1/2" flanged racing heater boxes. This enables you to have a defroster/heater system and still have a hi-performance merged exhaust system. Header features thick H.D. Flanges with ground flat gasket surfaces. All internal welds are ground for true high flow performance. Headers are supplied with an EMPI swivel flange racing stinger. Heater boxes have lightweight inner coils to still generate good heater output while 1 1/2" tubing allows for less restriction on your hi-performance motor! Then choose from heater boxes or 1 5/8" J-tubes to complete your installation. All components are available also with a ceramic coat finish instead of painted. In addition you can use the hideaway muffler or PHAT Boy to get to & from the track.
Type 1 only. **Header & Stinger ONLY.**

7320
(Header & Stinger)

1 5/8" MERGE HEADER ONLY W/STINGER

7320	1 5/8" Merged Flanged Header Only w/Stinger
55-7320	1 5/8" Merged Flanged Header Only w/Stinger, **Ceramic Coated**

1 5/8" FLANGED J-TUBE FOR P/N: 7320 / 55-7320

3422	1 5/8" J-Tubes for Merged Header, Pair
55-3422	1 5/8" J-Tubes for Merged Header, Pair, **Ceramic Coated**

3422

1 1/2" FLANGED HEATER BOXES FOR P/N: 7320 / 55-7320

95-3028-B	Hi-Performance 1 1/2" Flanged Heater Box, Left
55-3028	Hi-Perf. 1 1/2" Flanged Heater Box, Left, **Ceramic Coated**
95-3029-B	Hi-Performance 1 1/2" Flanged Heater Box, Right
55-3029	Hi-Perf. 1 1/2" Flanged Heater Box, Right, **Ceramic Coated**

PHAT BOY MUFFLERS FOR MERGED EXHAUST

These merged PHAT boys provide maximum flow and power with a distinctive turbo hush. They won't see you coming; they will hear you going. We make 3 versions, black, ceramic coated steel and stainless steel. Type 1 only.

3701

3701	PHAT Boy Muffler, Black - Fits P/N: 3699 , 7320
3702	PHAT Boy Muffler, **Ceramic Coated** - Fits P/N: 55-3699, 55-3720
3703	PHAT Boy Muffler, Stainless Steel Fits P/N: 3699 / 55-3699 / 3760 / 7320 / 55-7320

3703

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EXHAUST COMPONENTS

3369

3743

3730

BAJA EXHAUST SYSTEMS

Our Baja Systems feature 1 1/2" tubing and provide excellent ground clearance and increased horsepower. Available with Quiet Muffler or Stinger and for use with or without heater. All are Large 3 Bolt Flange and come complete with hardware. Systems with heater include aluminum flex hose. Fits 1300-1600cc. Systems without heater require the use of J-Tubes. Systems that eliminate heater boxes bolt directly to heads.

BAJA EXHAUST SYSTEM - SINGLE QUIET MUFFLER

3368	Baja System, Eliminates Heater Boxes
3369	Baja System, w/Heater (Incl. Alum. Flex Hose)

BAJA EXHAUST SYSTEM - W/LONG CHROME OR BLACK STINGER

3732	Baja System, Black Stinger, Eliminates Heater Boxes
3730	Baja System, Black Stinger, w/Heater (Incl. Alum. Flex Hose)
3743	Baja System, Chrome Stinger, Eliminates Heater Boxes
3741	Baja System, Chrome Stinger, w/Heater (Incl. Alum. Flex Hose)

BAJA HEADER ONLY

3466	Header Only, Eliminates Heater Boxes - Fits P/N: 3366/3368
55-3466	Header Only, Eliminates Heater Boxes, **Ceramic Coated**, Fits 3368
3467	Header Only, w/Heater - Fits 3369 (Includes Alum. Flex Hose)
55-3467	Header Only, w/Heater, **Ceramic Coated** - Fits 3369 (Includes Alum. Flex Hose)

Available with Ceramic Coating

3467

Available with Ceramic Coating

3340

3468

Available with Ceramic Coating

BAJA REPLACEMENT MUFFLERS

3340	Quiet Muffler w/o Bend, Black
55-3340	Quiet Muffler w/o Bend, **Ceramic Coated**
3468	Pipe Bend, Black, Connects Muffler to Header, Fits P/N: 3340
55-3468	Pipe Bend, **Ceramic Coated**, Connects Muffler to Header, Fits P/N: 55-3340

3377

3382

BAJA STINGERS & BAFFLES WITH LARGE 3 BOLT FLANGE

3377	Long Stinger, Chrome
3382	Long Stinger, Black
55-3382	Long Stinger, **Ceramic Coated**
3780-1	Baffle, Fiberglass Wrapped

3780-1

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OFF-ROAD COMPETITION EXHAUST SYSTEMS

Competition-Proven, these systems are designed for maximum horsepower and built to take the punishment of off-road competition. Features a merged, spring-attached collector and are available in 1 1/2" or 1 5/8" tubing. Choose Chrome, Black or Ceramic Coated finish. Available with straight or U-bend stingers. Our Turbo Muffler Kit is sold separately for street or controlled area use. Turbo Muffler Kit supplied with Collector. All systems eliminate heater boxes. Fits 1300-1600cc Type 1 66-73 based engines.

3455	Comp Exhaust, 1 1/2" w/Straight Stinger, Black
55-3455	Comp Exhaust, 1 1/2" w/Straight Stinger, **Ceramic Coated**
3458	Comp Exhaust, 1 1/2" w/Straight Stinger, Chrome
3456	Comp Exhaust, 1 5/8" w/Straight Stinger, Black
55-3456	Comp Exhaust, 1 5/8" w/Straight Stinger, **Ceramic Coated**
3459	Comp Exhaust, 1 5/8" w/Straight Stinger, Chrome

3458

3460	Comp Exhaust, 1 1/2" w/U-Bend Stinger, Black
55-3460	Comp Exhaust, 1 1/2" w/U-Bend Stinger, **Ceramic Coated**
3462	Comp Exhaust, 1 1/2" w/U-Bend Stinger, Chrome
3461	Comp Exhaust, 1 5/8" w/U-Bend Stinger, Black
55-3461	Comp Exhaust, 1 5/8" w/U-Bend Stinger, **Ceramic Coated**
3463	Comp Exhaust, 1 5/8" w/U-Bend Stinger, Chrome

3460

3745	Comp Exhaust, 1 1/2" w/Turbo Muffler, Black
55-3745	Comp Exhaust, 1 1/2" w/Turbo Muffler, **Ceramic Coated**
3746	Comp Exhaust, 1 5/8" w/Turbo Muffler, Black
55-3746	Comp Exhaust, 1 5/8" w/Turbo Muffler, **Ceramic Coated**

3745

3453	1 1/2" U-Bend Collector Only, Black
3454	1 1/2" U-Bend Collector Only, Chrome
55-3453	1 1/2" U-Bend Collector Only, **Ceramic Coated**
3451	1 5/8" U-Bend Collector Only, Black
3452	1 5/8" U-Bend Collector Only, Chrome
55-3451	1 5/8" U-Bend Collector Only, **Ceramic Coated**

3465	Turbo Muffler Kit, 1 1/2", Black - Fits P/N: 3455/3458
3469	Turbo Muffler Kit, 1 5/8", Black - Fits P/N: 3456/3459
3475-1	Fiberglass Wrapped Baffle for Straight Stingers
3476	Replacement Springs, Set of 4

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EXHAUST COMPONENTS

OFF-ROAD COMPETITION EXHAUST SYSTEMS WITH STAINLESS STEEL RACING MUFFLER

Take an outstanding Off-Road Exhaust and add a Stainless Steel Muffler to it. The Best just got Better! Utilizing elements of the EMPI Stainless Steel Muffler and adding it to our existing Competition Exhaust Systems gives you the ability to bring down the decibels to a decent level and raise the performance and appearance of any ride. EMPI has these systems available in 1 1/2" & 1 5/8" diameters for whichever performance level you require. Choose from Black, Chrome or Ceramic Coated exhaust pipes. Eliminates heater boxes.

3750	Comp Exhaust, 1 1/2", Black, w/Stainless Off-Road Muffler
55-3750	Comp Exhaust, 1 1/2", **Ceramic Coated**, w/Stainless Off-Road Muffler
3752	Comp Exhaust, 1 1/2", Chrome, w/Stainless Off-Road Muffler
3751	Comp Exhaust, 1 5/8", Black, w/Stainless Off-Road Muffler
55-3751	Comp Exhaust, 1 5/8", **Ceramic Coated**, w/Stainless Off-Road Muffler
3753	Comp Exhaust, 1 5/8", Chrome, w/Stainless Off-Road Muffler

Tip:
The P/N: 3735 spark arrestor can be welded to the end of our stainless steel racing muffler to enable you to have a spark arrestor style racing exhaust!

RACING MUFFLER FOR OFF-ROAD COMP. EXHAUST SYSTEMS

Stainless Steel

This great looking Stainless Steel Muffler offers quieter operation without sacrificing performance, thanks to its unrestricted flow through design. Comes complete with Special Down Pipe and Heavy Duty Stainless Mounting Clamps. Easily adapts to any upswept exhaust system with a 2" O.D. stinger pipe (Cut to fit, no welding required). Components can also be purchased separately to aid in making your own custom exhaust system.

56-3782	NEW!	S/S Racing Muffler Complete Assembly
3783		S/S Racing Muffler Only, w/Mounting Clamps
3784		S/S Racing Muffler Replacement Mounting Clamps Only
56-3785	NEW!	S/S Repl. Chrome Down Tube and Clamp for P/N: 3782/3783

EMPI SPARK ARRESTORS

Many off-road areas now require some form of a spark arrestor to limit the chance of fires. EMPI now has a variety of spark arrestor assemblies to choose from. The 3" & 4" disc kits are for clamp on or weld on installation. The 10" & 17" mufflers are Stainless Steel outer shells with 4" discs for fine tuning of your exhaust restriction. All of the assemblies come with long enough screws to add additional discs if your horsepower needs dictate it. The 10" muffler is also available with & without a mounting bracket so you can custom fit it to an existing exhaust system if you so choose.

3734	Spark Arrestor, 2" Slip-On, 3" Discs
3735	Spark Arrestor, 2" Weld-On, 4" Discs
3737	Spark Arrestor, 10" S/S Muffler w/Mount, 4" Discs
3736	Spark Arrestor, 10" S/S Muffler w/o Mount, 4" Discs
3738	Spark Arrestor, 17" S/S Muffler w/o Mount, 4" Discs
3739	4" S/S Discs Only, 6 pcs.
3740	Replacement S/S End Cap Bolts, 6 pcs.

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STAINLESS STEEL OFF-ROAD COMPETITION EXHAUST SYSTEMS

Built to take the punishment of off-road competition and beat the elements with all Stainless Steel construction. Features a merged, spring-attached collector, thick stainless steel flanges and is available in either 1 1/2" or 1 5/8" Stainless Steel tubing. All systems eliminate heater boxes. Fits 1300-1600cc Type 1 66-73 based engines.

56-3458 EMPI 1 1/2" Stainless Steel Off-Road Competition Exhaust System w/ Classic Vertical Stinger

56-3459 EMPI 1 5/8" Stainless Steel Off-Road Competition Exhaust System w/ Classic Vertical Stinger

3475-1 Fiberglass Wrapped Baffle for Straight Stingers

56-3462 EMPI 1 1/2" Stainless Steel Off-Road Competition Exhaust Systems w/ Down-Turn Stinger

56-3463 EMPI 1 5/8" Stainless Steel Off-Road Competition Exhaust Systems w/ Down-Turn Stinger

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56-3752 EMPI 1 1/2" Stainless Steel Off-Road Competition Exhaust Systems w/ Stainless Steel Racing Muffler

56-3753 EMPI 1 5/8" Stainless Steel Off-Road Competition Exhaust Systems w/ Stainless Steel Racing Muffler

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STAINLESS STEEL 4 PIPE STINGER EXHAUST

Commonly known as "Power Pipes" this exhaust provides a unique sound. Used when rear of car doesn't permit conventional exhaust to be installed. Made from 1 3/8" stainless steel tubing. Also available are muffler inserts when noise is not desirable. Fits with most single and dual carburetors. Four (4) inserts are needed.

18-1047 S/S 4 Pipe Stinger Exhaust

B253900 Muffler Insert for 18-1047, Each

LOW DUAL ZOOM EXHAUST SYSTEM

Zoom duals are designed for use in vehicles utilizing the stock heater boxes, such as Baja Bugs, Dune Buggies, etc. The racy zoom glass pack mufflers are beautifully chromed for that special look. The tubing size is 1 3/8". Was specifically designed to accommodate the kit car and full body dune buggy applications. Complete with all gaskets and hardware including sufficient hose for installations of heater pipes. Fits 63 and later models only.

18-1048 Low Dual Zooms W/Chrome Mufflers

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EXHAUST COMPONENTS

SIDE-EXIT OFF-ROAD MERGED EXHAUST

Side-Exit style with our proven 4 into 1 collector with open exhaust exiting to the passenger side. Features 1 5/8" Tig welded steel tubing with thick mounting flanges. Includes hardware, gaskets and springs. For use without heater boxes only. Available in black paint or Ceramic Coated Silver.

3470	1 5/8" Side-Exit Off-Road Exhaust, Black
55-3470	1 5/8" Side-Exit Off-Road Exhaust, **Ceramic Coated**

OFF-ROAD COMPETITION EXHAUST W/ DUAL QUIET MUFFLERS

Same Competition-Proven Exhaust with Dual Quiet Muffers in your choice of 1 1/2" or 1 5/8" Tube size. Features a merged, spring-attached collector and includes gaskets, clamps & hardware. Eliminates heater boxes, Type 1 only.

3480	Big Engine Exhaust System w/Dual Quiet Mufflers, 1 1/2", Black ups+
3479	Big Engine Exhaust System w/Dual Quiet Mufflers, 1 5/8", Black ups+
3478	Replacement Dual Quiet Mufflers, Black ups+ Fits 3471, 3479 & 3480 Exhaust Headers Includes Gaskets. Clamps & Hardware

BIG ENGINE EXHAUST

Long Stroke, Long Rods and Spacers make for wider engines which require an exhaust system that can accommodate the wide build. This newly designed Competition System is designed with slip joints for fitting even the widest engines. Made with 1 5/8" tubing, merged collector and built for maximum horsepower. Works great on standard width engines as well.

Accepts EMPI Baffle P/N 3475-1.

3471	Big Engine Exhaust System, 1 5/8", Black
3475-1	Fiberglass Wrapped Baffle, Each

DESERT DUELER EXHAUST

Finally a Competition System designed for maximum horsepower and built to take the punishment of off-road competition but made with 1 3/8" tubing for smaller displacement engines. Exits Down with U-Bend and Long Stinger with support brace.

Accepts EMPI Baffle P/N 3780-1.

3786	Desert Dueler Exhaust System, 1 3/8" w/U-Bend Long Stinger, Black
3780-1	Fiberglass Wrapped Baffle, Each

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STAINLESS STEEL DUAL RACING EXHAUST SYSTEMS

Dual style exhaust features great looks and maximum horsepower. Slip-joints allow for easy installation. 1 1/2" tubing. Available with or without Muffler Inserts. Eliminates heater boxes. Fits 1200-1600cc engines with most single or dual carburetors except 48's, 51's and EPC 34's.

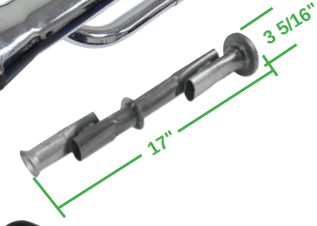
56-3709	S/S Dual Racing System w/ Inserts
56-3759	S/S Dual Racing System w/o Inserts
3721	Replacement Muffler Inserts, Each

DUAL RACING EXHAUST SYSTEMS

Dual style exhaust features great looks and maximum horsepower. Slip-joints allow for easy installation. Available in chrome, black or ceramic coated. With or without Muffler Inserts. Eliminates heater boxes. Fits 1200-1600cc engines with most single or dual carburetors except 48's, 51's and EPC 34's. Utilizes 1 1/2" tubing.

3708	Dual Racing System w/Inserts, Black
55-3708	Dual Racing System w/Inserts, **Ceramic Coated**
3709	Dual Racing System w/Inserts, Chrome
3758	Dual Racing System w/o Inserts, Black
3759	Dual Racing System w/o Inserts, Chrome
3721	Replacement Muffler Inserts, Each

3709



BUGGY DUAL EXHAUSTS

Due to popular demand, we took our most popular dual buggy exhaust system and redesigned it to be compatible with **any** of our dual carburetor systems. Available in black with chrome tips or ceramic coated. For 1200-1600cc. Utilizes 1 3/8" tubing.

3373	Buggy Dual Exhaust Black with Chrome Tips, w/o Heater Box
55-3373	Buggy Dual Exhaust, w/o Heater Box, **Ceramic Coated**

3373

DUAL EXHAUST SYSTEMS

The original "Dune Buggy Duals" feature dual Glass Pack Mufflers with Chrome Tips. Fits 1200-1600cc engines with single carburetor. Must use stock style clip on valve covers. Tight fitting to engine for optimum frame clearance. Utilizes 1 1/2" tubing.

3376	Dual Exhaust Black with Chrome Tips - w/o Heater Box
55-3376	Dual Exhaust - w/o Heater Box, **Ceramic Coated**

3376

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EXHAUST COMPONENTS

95-3003-B

EURO-MADE STOCK REPLACEMENT MUFFLERS

Looking for a high quality, European-Made replacement muffler? This is the one. With attention to OEM details…pre-heater boxes, muffler seam, exhaust tip supports…all OEM quality.

95-3003-B Euro-Made Stock Replacement Muffler Type 1, 1300-1600cc
(Ref. P/N: 113 251 053AKEU)

95-3002-B

95-3002-B Euro-Made Stock Replacement Muffler Type 1, 40HP/1200cc
(Ref. P/N: 111 251 051H)

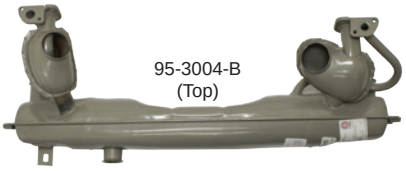
Euro-Made Mufflers

95-3004-B

TYPE 2 EURO-MADE STOCK REPLACEMENT MUFFLER

95-3004-B Euro-Made Stock Replacement Muffler Type 2, 1500-1600cc
(Ref. P/N: 211 251 051E)

95-3004-B (w/ Exhaust Accessories)


95-3004-B (Top)

TYPE 2

98-8604-B NEW!

98-8604-B NEW! Tail Pipe, Type 2, 1960-1971
This tail pipe mounts to the damper pipe and damper pipe bracket at the left side of the Type 2. The tail pipe fits 1960-1971.
(Ref. P/N: 211 251 237B)

98-8605-B NEW!

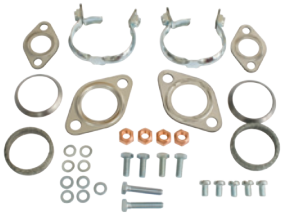
98-8605-B NEW! Damper Pipe, Type 2, 1960-1971
(Ref. P/N: 147 251 157)

98-8601-B NEW!

98-8601-B NEW! Damper Pipe Bracket, Type 2, 1960-1971
(Ref. P/N: 211 251 301A)

98-8603-B NEW!

98-8603-B NEW! Installation Kit for Damper Pipe, Type 2, 1960-1971
(Ref. P/N: 211 298 055)


98-8602-B NEW!

98-8602-B NEW! Muffler Installation Kit, Type 2, 1960-1971
(Ref. P/N: 211 298 009A)

TYPE 2

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HEATER BOX J-TUBES

J-Tubes replace stock heater boxes, eliminating heater and saving weight. Fits most standard extractors. Fits all Type 1 & 2 upright engines. 1 1/2" Tubing. Complete with Gaskets. Sold in pairs.

3357 Fits all Type 1 & 2 Upright Engines, Black, Skin Packed, Pair
55-3357 Fits all Type 1 & 2 Upright Engines, **Ceramic Coated**, Pair
3357-8 Fits all Type 1 & 2 Upright Engines, Black, Packaged in Poly Bag, Pair

3657 All Type 3 Models, Black, Skin Packed, Pair
3657-8 All Type 3 Models, Black, Packaged in Poly Bag, Pair

3420 Fits all Type 1 & 2 Upright Engines, w/Flanges, Black, Pair
Fits EMPI Exhaust 3256, 7320
55-3420 Fits all Type 1 & 2 Upright Engines, w/Flanges, **Ceramic Coated**, Pair
Fits EMPI Exhaust 55-7320

3768 S/S J-Tubes, Type 1 & 2 Upright Engines, Pair
3755 NEW! S/S J-Tubes w/ Flanges, Fits Type 1 & 2 Upright Engines, Pair
Fits EMPI Exhaust 3255

3357

3420

STOCK HEATER BOXES - 1 3/8" CONNECTOR

Replace those rusted out and damaged heater boxes with European made Dansk Heavy Duty heater boxes. Fits Type 1 & 2 upright engines.

95-3012-B Dansk H.D. Heater Box, Left
(Ref. P/N: 043 255 107HD)
55-3012 Dansk H.D. Heater Box, Left, **Ceramic Coated**

95-3013-B Dansk H.D. Heater Box, Right
(Ref. P/N: 043 255 108HD)

55-3013 Dansk H.D. Heater Box, Right, **Ceramic Coated**

95-3013-B

55-3012

HI-PERFORMANCE 1 1/2" FLANGED HEATER BOXES

These heater boxes offer the ability to still use your heater/defrost system and not stifle your big motors H.P. output! European made Dansk heater boxes. Large I.D. tubing along with lightweight heater box design is the key to this equation. Fits Type 1 & 2 upright engines.
Custom fit application to header P/N: 3255, 3256, 7320 and 55-7320 only.

95-3028-B Hi-Performance 1 1/2" Flanged Heater Box, Left
55-3028 Hi-Perf. 1 1/2" Flanged Heater Box, Left, **Ceramic Coated**

95-3029-B Hi-Performance 1 1/2" Flanged Heater Box, Right
55-3029 Hi-Perf. 1 1/2" Flanged Heater Box, Right, **Ceramic Coated**

55-3029

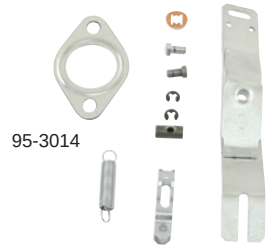
95-3028-B

HEATER BOX LEVER KITS

EMPI heater box installation hardware kits are the best available. These kits have the proper fit and silver zinc finish to compliment your new heater boxes!

95-3014 Heater Box Lever Kit, Left
(Bulk P/N: 043 298 147A)

95-3015 Heater Box Lever Kit, Right
(Bulk P/N: 043 298 148A)


95-3014

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9915

CHROME TAIL PIPE KIT

Replacement Chrome tips for stock muffler. Kit includes 2 tips and 2 clamps.

9915 Stock Tail Pipe Kit
9915-B Bulk Tail Pipe Only, Each

(Ref. P/N: 113 251 163C)

3693

CHROME TAPERED / BAFFLED EXHAUST TIPS

Chrome Tapered Exhaust Tips feature internal baffles. Fits all stock mufflers.

3693 Chrome Tapered/Baffled Tips, Pair
3693-B Bulk Tapered/Baffled Tips, Each
(Ref. P/N: 113 251 163TT)

3362

3694

STAINLESS STEEL EXHAUST TIPS

Stainless Steel Flared or Diagonal cut Exhaust Tips fit all stock mufflers.

3362 S/S Tips, Flared, Pair
3694 S/S Tips, Diagonal Cut, Pair

16-9535

CHROME BAFFLED EXHAUST TIPS

Give your stock muffler a custom look and deeper sound with these "step" pipe exhaust tips. Angle cut extension features a baffled insert for a more "throaty" sound and the chrome plating adds in the looks department. Simply remove the stock "pea shooter" tips and install these replacements.

16-9535 Chrome Tips, Pair

STAINLESS STEEL VINTAGE EXHAUST TIPS

These Stainless Steel Tips attach onto the stock tail pipes on all stock style mufflers. Stainless Steel hardware is included, sold in pairs.

3363 NEW! Stainless Steel Vintage Exhaust Tips, Pair

3363 installed on a stock style muffler

3363 installed on an EMPI 9915-B Stock Chrome Tip.

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CHEESE GRATER EXHAUST TIPS

Classic look fits over tail pipes on all stock Bug dual-tip mufflers.

95-3050 Chrome Cheese Grater Tips

95-3050

CHROME ZOOM TUBE

Clamps on to stock Type 1 muffler and replaces stock exhaust tips. Chrome finish and Race-Style looks in minutes!

3360 Chrome Zoom Tube

3360

EXHAUST INSTALLATION KITS

Includes all necessary gaskets, clamps, bolts and nuts for installation of stock muffler or exhaust system.

98-2989 Muffler Inst. Kit, Type 1, 54-73, 1200-1600cc
(Bulk P/N: 111 298 009F)
3394 Tail Pipe Clamp Kit, Pair (Includes Exhaust Gaskets)
(Bulk P/N: 111 298 051, Clamp Kit Only, Each)

98-2989

111 298 051

3394

HEATER HOSE CONNECTOR PIPES

Fits like it's O.E.! These silver zinc plated pipes are what's needed to hook up your fan shroud heater hose to your stock muffler.

98-1004 Heater Hose Connector Pipe to Stock Muffler, Pair
(Bulk P/N: 113 255 165, Each)

98-1104

FRESH AIR HOSE, GROMMET

This seal is used between the sheet metal and the fresh air hoses. Fits all Type 1, Ghia, S/B and Thing with fresh air heaters 1963 to 1979.

98-1198-B NEW! Seal, Fresh Air Hose
(Ref. P/N: 113 119 585B)

113 119 585B
NEW!

STAINLESS STEEL HEATER HOSE CLAMPS

Clamps heater hose securely to fan housing and muffler pre-heater flange. Sold in sets of 4.

3380 S/S Heater Hose Clamps, Set of 4

3380

HEAT EXCHANGER CLAMP

98-2517-B Clamp, Heat Exchanger (25mm Wide), Type 1 63-74, Type 2 63-71, Each
(Ref. P/N: 113 255 341A)

113 255 341A

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EXHAUST / INTAKE NUT KITS

Choose from a wide variety of styles and materials.

9525 Exhaust Lock Nut Set, 8mm-1.25 Thread, 12mm Head, Copper, 8pcs.
9525-B Bulk Exh. Lock Nuts, Copper, Bag of 100
(Ref. P/N: 175 129 650)

43-6051 Brass 8mm-1.25 thread, 11mm Head, Int./Exh. Nuts, Set of 8

43-6051-B Bulk Brass 8mm-1.25 thread, 11mm Head, Int./Exh. Nuts, Bag of 100

B250520 HD Racing Exhaust Nuts, Silver Zinc Plated, Set of 8 8mm-1.25 Thread, 11mm Head

17-2988 12 Point 8mm Engine Nuts, Black, 8 pcs 8mm-1.25 Thread, uses 10mm 12 Point Socket

17-2983 NEW! 6 Point 8mm Engine Nuts, Gold Zinc Plated, 8 pcs 8mm-1.25 Thread, uses 10mm Wrench Size

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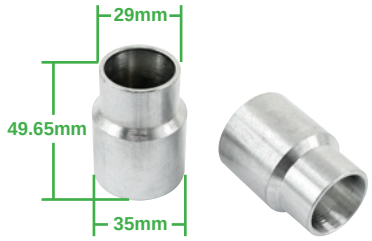
HEATER BOX REPAIR PIPES

Repair heater box ends that have rusted or broken away (silver zinc plated).



9914 Heater Box Repair Pipes, Pair
(Bulk P/N: 113 255 107X, Each)

HEAT RISER BLOCK-OFF PLATES

Covers heat riser flanges when intake heat riser is not used. A must when installing most dual carb kits. Available in Chrome or raw. Includes gaskets.

3447 Heat Riser Block-Off Plate Kit
17-2824 Chrome Heat Riser Block-Off Plate Kit

FLANGE KIT FOR HEATER BOXES / J-TUBES

Kit includes flanges and premium hardware to convert one pair of heater boxes or J-tubes for use with flanged headers. Welding required.
(Use P/N: 3511 flanges if needed, for header pipes. See page 224)

3640 Exhaust Flange Conversion Kit for 1 3/8" Tubing

ALUMINUM HEATER HOSE & CARB. PREHEATER HOSE

Manufactured from highly flexible aluminum. Contains no paper. Corrosion and flame resistant to 450°. Available in Bulk or packaged in Display Poly Bags. Sold each.

BULK VW HEATER HOSE

3378 Type 1, 50mm x 1000mm, Each, 88 per Case
(Ref. P/N: 028 129 087AL)
3705* Type 1, 50mm x 1000mm, **Black**, Each, 88 per Case
(Ref. P/N: 028 129 087A)
3379 Type 3, 63mm x 1000mm, Each, 56 per Case
(Ref. P/N: 616 211 29501)
***Only this size is available in Black.**

(Comes Bulk or Packaged in Poly Bag)

BULK CARBURETOR PREHEATER HOSE

3488 3/4" x 36", Each, 130 per Case
3489 1" x 36", Each, 77 per Case
3490 1 1/2" x 36", Each, 225 per Case
3491 1 3/4" x 36", Each, 143 per Case

(Comes Bulk or Packaged in Poly Bag)

PACKAGED VW HEATER HOSE (POLY BAGGED)

3494 Type 1, 50mm x 1000mm, Each
3706* Type 1, 50mm x 1000mm, **Black**, Each
3495 Type 3, 63mm x 1000mm, Each
***Only this size is available in Black.**

PACKAGED CARB PREHEATER HOSE (POLY BAGGED)

3496 3/4" x 36", Each
3497 1" x 36", Each
3498 1 1/2" x 36", Each
3499 1 3/4" x 36", Each

98-2088

PLASTIC FRESH AIR PRE-HEATER HOSE

Fits between the Fan Shroud and the Upper factory Heater Connector.
98-2088 Plastic Fresh Air Pre-Heater Hose,
64 & Later Type 1, Ghia, Type 2, Thing, Pair
(Bulk P/N: 113 255 292P, Each)

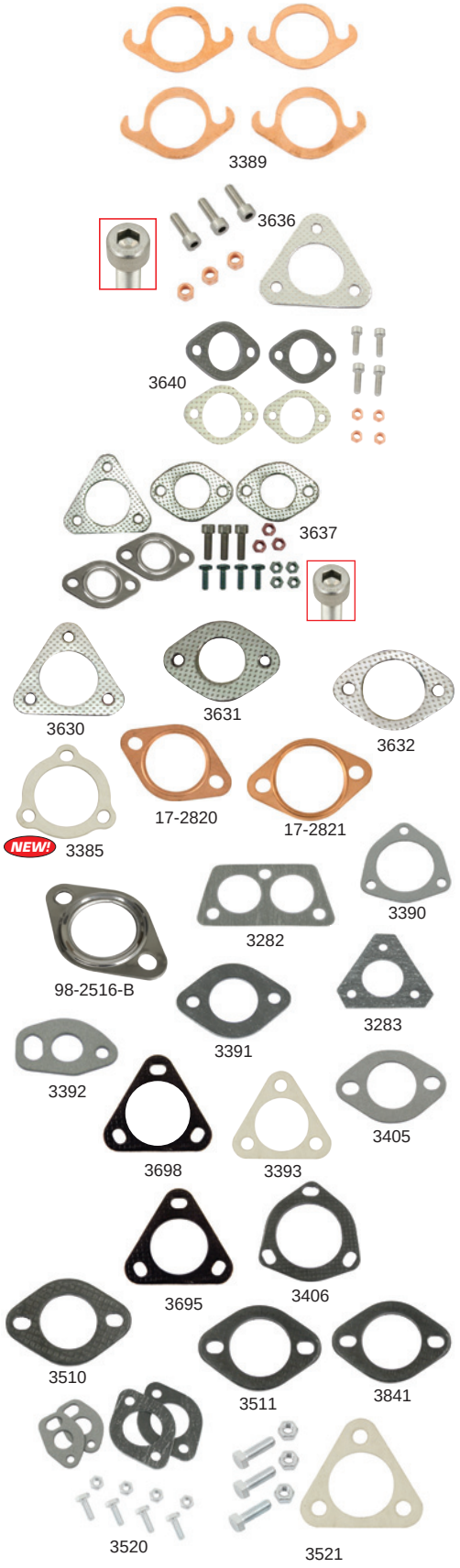
WARM AIR HOSE (BELLOWS) - HEAT EXCHANGER TO BODY

Get your heater functioning like new with these factory-styled insulated Warm Air Hoses. They install between the Heater Box and the Body. If you don't have the originals, be sure to measure the ends on the body and the heater box - then the length between the two.
98-2524-B Warm Air Hose, 65 & Prior, 14" Long, 50/50mm, Each
(Ref. P/N: 111 255 355B, Each)
98-2518-B Warm Air Hose, 65 & Prior **w/ 1600 Engine**, 14.25" Long, 60/50mm, Each
(Ref. P/N: 113 255 355C, Each)
98-2519-B Warm Air Hose, 66-67, 15" Long, 60/64mm, Each
(Ref. P/N: 113 255 355D, Each)
98-2520-B Warm Air Hose, 68-72, 14" Long, 60/60mm, Each
(Ref. P/N: 113 255 355M, Each)
98-2521-B Warm Air Hose, 73-79, 17" Long, 60/60mm, Each
(Ref. P/N: 043 255 355A, Each)

98-2524-B

98-2521-B

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.



SLIP-FLANGE EXHAUST FLANGE GASKETS

These **copper** exhaust flange gaskets are cutout to allow replacement of leaking gaskets without removing the header. The copper material makes gasket blow-outs a thing of the past.

3388 1 1/2" I.D. **Copper** Slip-Flange Exhaust Gaskets, Pack of 4
3389 1 5/8" I.D. **Copper** Slip-Flange Exhaust Gaskets, Pack of 4

EXHAUST HARDWARE

A selection of the most popular Gaskets, Flanges & Hardware.

Premium Hardware and Flange Kits

EMPI's Premium Exhaust Gaskets are steel clad to provide superior heat resistance and durability. Stainless steel allen bolts and copper nuts are included in premium kits with "hardware".

3636 Premium Small 3 Bolt Muffler Install. Kit w/Hardware
3637 Premium Header/Muffler Install. Kit, Gaskets & Hardware
3640 Heater Box/J-Tube Exhaust Flange Kit for 1 3/8" Tubing

GASKETS

3630 Steel Small 3 Bolt Muffler Flange Gasket, Each
3631 Steel 1200-1600cc Exhaust Port Gasket, 1 1/2" I.D., Pack of 4
3632 Steel 1200-1600cc Exhaust Port Gasket, 1 5/8" I.D., Pack of 4

17-2820 1200-1600cc **Copper** Exhaust Port Gaskets, 1 1/2" I.D., Pack of 4
17-2821 1200-1600cc **Copper** Exhaust Port Gaskets, 1 5/8" I.D., Pack of 4

3391 1200-1600cc Exhaust Port Gasket, 1 1/2" I.D., Pack of 4
3395 1200-1600cc Exhaust Port Gasket, 1 5/8" I.D., Pack of 4

3282 Type 2 & 4 Muffler Flange Gasket, 1.7, 1.8, 2.0L, Pk. of 2
3283 Type 2 & 4 Exhaust Flange Gasket, 75-78, Pk. of 2

3395

3390 Large 3 Bolt Muffler Flange Gasket, Pack of 2
3393 Small 3 Bolt Muffler Flange Gasket, Pack of 2
3405 2 Bolt Muffler Flange Gasket, Pack of 2
3385 NEW! 3 Bolt Muffler Flange Gasket, 52.45mm I.D., Pack of 2

3392 1200-1600cc Heat Riser Gasket, Pack of 4
98-8639 NEW! Metal Clad Heat Riser Gasket, Pack of 4
(Bulk P/N: 113 251 263) Each

NEW! 98-8639-B

98-2516 Metal Clad Exhaust Flange Gasket, Type 1 50-79, Ghia 56-74, Type 2 50-71, Type 3 64-73, Pack of 4
(Bulk P/N: 111 251 261B) Each

STEEL FLANGES

3406 Large 3 Bolt Muffler Flange, 2 9/16" I.D., Pack of 1
3695 Small 3 Bolt Muffler Flange, 1 3/4" I.D., Pack of 1 (Slotted Holes)
3698 Small 3 Bolt Muffler Flange, 2" I.D., Pack of 1 (Slotted Holes)

3510 Exhaust Port Flange, 1 3/8" I.D., Pack of 2
3841 Exhaust Port Flange, 1 1/2" I.D., Pack of 2
3511 Exhaust Port Flange, 1 5/8" I.D., Pack of 2
3447 Heat Riser Block-Offs w/Gaskets, Pair

3522

STANDARD INSTALLATION KITS

3520 Header/Extractor Installation Kit - Poly Bag
3521 Small 3 Bolt Muffler Installation Kit - Poly Bag
3522 Large 3 Bolt Muffler Installation Kit - Poly Bag

Note: Many Gaskets & Flanges are available in Bulk. Ask your sales person for assistance.

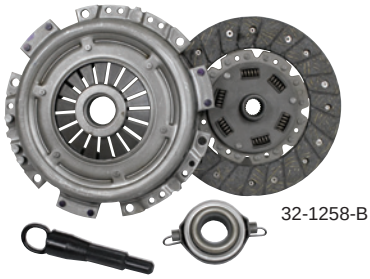
HEAVY DUTY CLUTCH KITS

Everything you need to replace your clutch in one handy kit. This quality kit includes a new Sachs pressure plate. Comes with disc, throw out bearing with clips, and a clutch alignment tool.

32-1256-B Clutch Kit, 180mm (Boxed), Type 1 54-66, Type 2 54-65 Type 3 62-65, Ghia 56-66
(Ref. P/N: 211 141 025DK)

32-1258-B Clutch Kit, 200mm (Boxed), Type 1 67-70, Type 2 63-70, Type 3 66-70, Ghia 67-70
(Ref. P/N: 311 141 025EK)

32-1257-B Clutch Kit, 200mm (Boxed), Type 1 71-79, Type 2 71, Type 3 71-73, Ghia 71-74, Thing 73-74
(Ref. P/N: 311 141 025CK)


32-1258-B

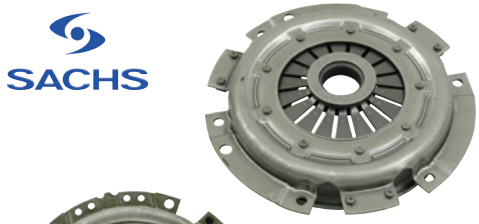
SACHS HEAVY DUTY PRESSURE PLATE

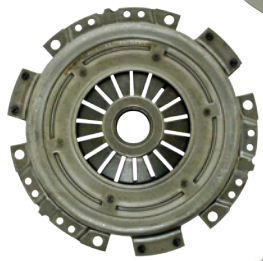
These Heavy Duty Sachs Pressure Plates offer strong and smooth clutch operation and improved Spring pressure over stock. Available in 180, 200, 210, 215 and 228mm.

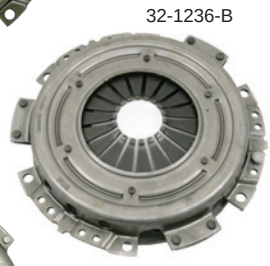
32-1234-B H.D. Pressure Plate, 180mm (Boxed), Type 1 54-66, Type 2 54-65, Type 3 62-65, Ghia 56-66
(Ref. P/N: 211 141 025DBR)

32-1235-B H.D. Pressure Plate, 200mm (Boxed), 1500-1600cc, Type 1 67-70, Type 2 63-70, Type 3 64-70, Ghia 67-70
(Ref. P/N: 311 141 025EBR)

32-1236-B H.D. Pressure Plate, 200mm (Boxed), 1600cc, Type 1 71-79, Type 2 71, Type 3 71-73, Ghia 71-74, Thing 73-74
(Ref. P/N: 311 141 025CBR)


32-1234-B

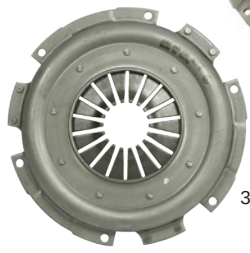

32-1235-B


32-1236-B

32-1261-B NEW! H.D. Pressure Plate, 210mm, Type 2 72-73 (Boxed)
(Ref. P/N: 022 141 025G)

32-1260-B NEW! H.D. Pressure Plate, 215mm, Type 2 74-75 (Boxed)
(Ref. P/N: 022 141 025A)

32-1262-B NEW! H.D. Pressure Plate, 228mm, Type 2 76-79 (Boxed)
(Ref. P/N: 029 141 025B)


NEW!
32-1260-B

SACHS HEAVY DUTY CLUTCH DISCS

These Heavy Duty Sachs Clutch Discs are the matching discs for the Type 2 Sachs H.D. Pressure Plates. Available in 210, 215 and 228mm.

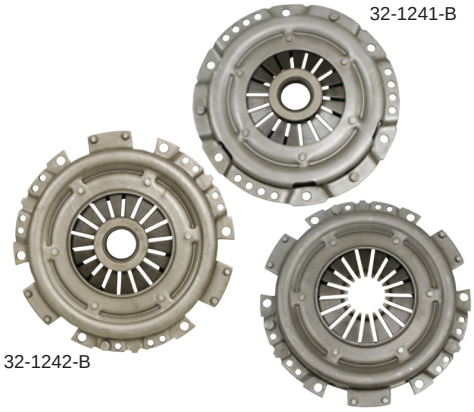
32-1265-B NEW! H.D. Clutch Disc, 210mm, Type 2 72-73 (Boxed)
(Ref. P/N: 211 141 031G)

32-1263-B NEW! H.D. Clutch Disc, 215mm, Type 2 74-75 (Boxed)
(Ref. P/N: 025 141 031)

32-1264-B NEW! H.D. Clutch Disc, 228mm, Type 2 76-79 (Boxed)
(Ref. P/N: 025 141 031D)

NEW!
32-1263-B

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.



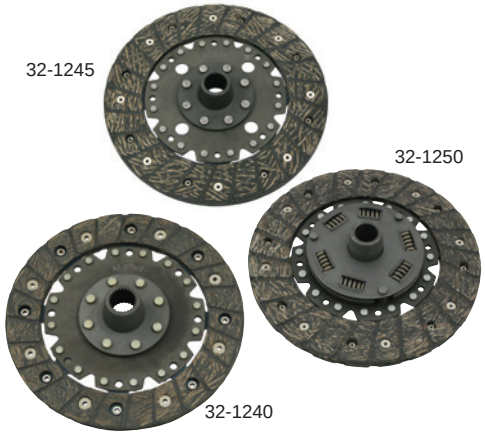
REPLACEMENT PRESSURE PLATES

Quality replacement pressure plates available in both 180 & 200mm.

32-1241-B Replacement Pressure Plate, 180mm (Boxed)
Type 1 54-66, Type 2 54-65, Type 3 62-65, Ghia 56-66
(Ref. P/N: 211 141 025DCH)

32-1242-B Replacement Pressure Plate, 200mm (Boxed)
Type 1 67-70, Type 2 63-70, Type 3 66-70, Ghia 67-70
(Ref. P/N: 311 141 025ECH)

32-1243-B Replacement Pressure Plate, 200mm (Boxed)
Type 1 71-79, Type 2 71, Type 3 71-73, Ghia 71-74, Thing 73-74
(Ref. P/N: 311 141 025CCH)



HEAVY DUTY CLUTCH DISC

Features the latest in friction materials. Available in 180 or 200mm. A perfect match for our H.D. Pressure Plate.

32-1240 H.D. Disc, 180mm - Rigid Hub
Type 1 54-66, Type 2 54-65, Type 3 62-65, Ghia 56-66
(Bulk P/N: 111 141 031EK)

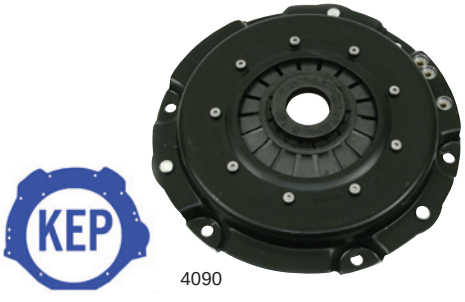
32-1245 H.D. Disc, 200mm - Rigid Hub
Type 1 67-70, Type 2 63-70, Type 3 66-70, Ghia 67-70,
(Bulk P/N: 311 141 031BK)

32-1250 H.D. Disc, 200mm - Spring Hub
Type 1 71-79, Type 2 71, Type 3 71-73, Ghia 71-74, Thing 73-74
(Bulk P/N: 311 141 031DK)

EMPI PERFORMANCE CLUTCHES

The latest addition to the EMPI high performance line. Perfect for drag race, sand/off-road or high performance street applications. These 200mm pressure plates are rated at 1700lbs and 2100lbs, and are factory balanced with the removable center ring to cover both early and late transmissions.

4080 EMPI 1700lb. Pressure Plate (Boxed)
4082 EMPI 2100lb. Pressure Plate (Boxed)



K.E.P. PERFORMANCE CLUTCHES

Kennedy Clutches have long been relied on in Drag Racing, Off-Road and Sand competition - as well as performance street applications. All are supplied with metal ring. Center ring is removable for all late model style applications.

4090 K.E.P. Stage 1, 1700 lb. Pressure Plate (Boxed)
4092 K.E.P. Stage 2, 2100 lb. Pressure Plate (Boxed)
4093 K.E.P. Stage 3, 2600 lb. Pressure Plate (Boxed)
4094 K.E.P. Stage 4, 3000 lb. Pressure Plate (Boxed)

SUPER DUTY 200MM CLUTCH DISC

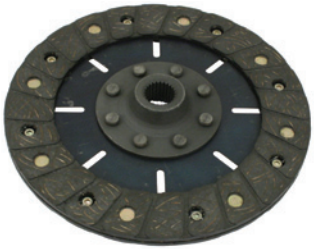
Spring Steel Center Disc dampens disc action for a smoother engagement. The metal woven lining resists slip under heavy clamp loads to put horsepower to the ground.

4085 Super Duty 200mm Clutch Disc

KUSH-LOK CLUTCH DISC

The brass woven lining really takes the heat. The spring steel hub is sandwiched with dampening material to absorb vibration. Couple with an EMPI or Kennedy performance pressure plate for the perfect street or strip set-up.

4096 200mm Kush-Lok Clutch Disc

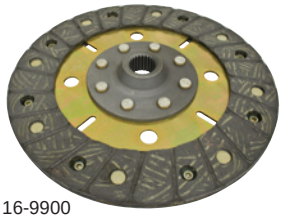


Side View

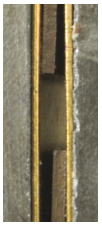
KUSH LOCK CLUTCH DISC

200mm with steel riveted hub and Triple "Sandwich" Center for smooth Kush Lock action.

16-9900 Kush Lock Clutch Disc, 200mm, Each



16-9900

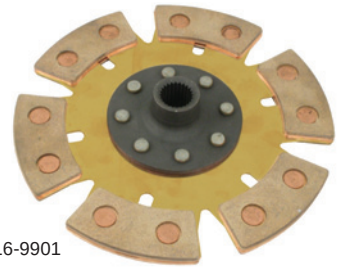


Side View

6 PUCK CLUTCH DISC

6 pads. 200mm with steel riveted hub.

16-9901 6 Puck Clutch Disc, 200mm, Each



16-9901

4-PUCK RACE DISC

Features feramic discs, stainless rivets and long splines for quality and performance. Recommended for competition use only.

4091 4-Puck 200mm Disc

4091

REPLACEMENT CLUTCH BOLT SET

Replacement clutch bolt set features 10.9 zinc plated bolts. A must item to install to really insure against a broken bolt later on.

B409020 HD Clutch Bolt Set w/ Washers (6 pr.)

B409020

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

32-1208

32-1210

32-1205

98-1420-B

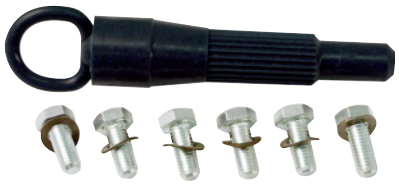
HEAVY DUTY THROW-OUT BEARINGS

H.D. Throw-Out Bearings should be installed whenever replacing your Pressure Plate and/or Disc. Super Clips make sure it stays in place.

32-1205 H.D. T/O Bearing, All 50-70
(Bulk P/N: 111 141 165A)
32-1210 H.D. T/O Bearing, All 71-79
(Bulk P/N: 113 141 165B)
32-1208 T/O Super Clips, All 54-70, Pair
(Bulk P/N: 111 141 177AS) Each
98-1420-B Guide Sleeve, Clutch Release Bearing,
Type 1 71-79, Ghia 71-74, Type 2 71-79, Type 3 71-73
(Ref. P/N: 113 141 181B)

TRANSMISSION MAIN SEAL

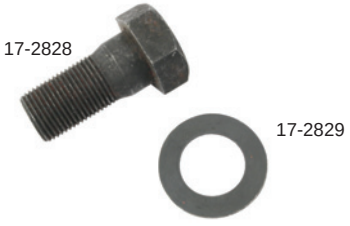
98-3014-B Seal, Transmission Main Shaft (22 x 40 x 13/16),
Type 1 50-79, Ghia 56-74, Type 2 50-71, Type 3 64-73, Each
(Ref. P/N: 113 311 113A)


32-1204

CLUTCH INSTALLATION KIT

10.9 zinc plated bolts, wavy washers and a clutch pilot tool complete any VW clutch installation. **See page 530 for a complete listing of Clutch Pilot Tools.**

32-1204 Clutch Installation Kit
5302-K Clutch Pilot Tool Only (Skinpacked)
5302 Bulk Clutch Pilot Tool Only


17-2828

17-2829

TRANS CARRIER MOUNTING BOLT & WASHER

Replace your worn or stripped Trans Mount Bolts with new. For all swing axle Trans Mounts including stock cradle, securing the stock-style trans cradle or performance trans mounts to yoke. Threads into the frame horns, and holds the transmission carrier in place. Fits Type 1 49-72, Type 2 50-67 and Type 3 62-68.

17-2828 Trans Strap Mounting Bolt, Each
(Bulk P/N: 113 301 257)
17-2829 Trans Strap Mounting Washer, Each
(Bulk P/N: N122391)

17-2536

TRANSMISSION CENTER SUPPORT

Secures transmission from the bottom of the front case bolts. Supports from frame horns to reduce flex, zinc plated. Urethane stops included.

17-2536 Bolt On Center Transmission Support

SPECIAL ENGINE STUDS

These 10mm X 100mm Studs solve the problem when adapting Type-2 transmissions to new engine cases. Extra length allows for use of engine mount plates for “all out” race cases.

TYPE 2

B653850 Special Engine Stud 10mm X 100mm, Pr.

RACING CROSS SHAFTS

All new Racing Cross Shafts are quality manufactured for direct replacement of worn, broken, or poor quality cross shafts that just don't meet the demanding requirements of the clutch applications today. 16mm Bronze Bushing Kit is also available. In the industry, these are referred to as 16mm O.D.

18-1041 Racing Cross Shaft, Type 1 & 3, 61-70, Type 2 61-67
18-1042 Racing Cross Shaft, Type 1 & 3, 71-10/72
18-1043 Racing Cross Shaft, Type 2, 68-70
18-1044 Racing Cross Shaft, Type 2, 71-75

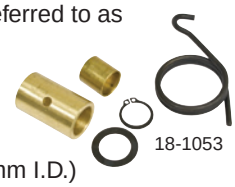
18-1045 16mm Cross Shaft Bushing Kit (23mm O.D., 16mm I.D.)

HEAVY DUTY CROSS SHAFTS

Our heavy duty throw-out bearing cross shafts are quality manufactured for direct replacement of worn, broken, or poor quality cross shafts that just don't meet the demanding requirements of the clutch applications today. 20mm Bronze Bushing Kit is also available. In the industry, these are referred to as 20mm O.D.

18-1055 Heavy Duty Cross Shaft, Type 1 73-79
18-1054 Heavy Duty Cross Shaft, Type 2 76-79

18-1053 20mm Cross Shaft Bushing Kit (23mm O.D., 20mm I.D.)



CROSS SHAFTS

EMPI's Cross shafts are welded at critical points for performance and stock applications.

98-2011 H.D. Cross Shaft, Type 1 & 3, 61-70, Type 2 61-67
(Bulk P/N: 113 141 701CHD)

98-1088 14mm Cross Shaft Bushing Kit (16mm O.D., 14mm I.D.)
Fits Type 1 61-72, Type 2 to 75, Type 3 62-72
(Bulk P/N: 113 198 026)

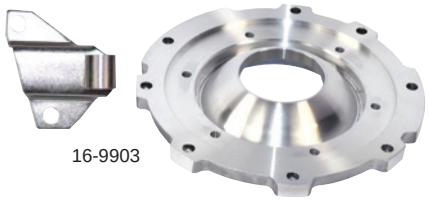
CLUTCH OPERATING SPRINGS

98-1421-B Spring, Clutch Operating Lever, Type 1 61-71, Ghia 61-71, Type 2 61-75, Type 3 64-73, Each (35mm Spring I.D.)
(Ref. P/N: 113 141 723)

98-1422-B Spring, Clutch Operating Lever, Type 1 71-74, Ghia 71-74, Each (40mm Spring I.D.)
(Ref. P/N: 113 141 723C)

98-1423-B Spring, Clutch Operating Lever, Type 1 74-79, Each (37.3mm Spring I.D.)
(Ref. P/N: 113 141 723D)

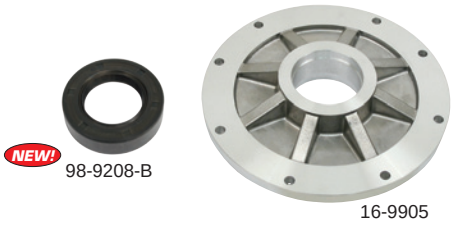
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.



HEAVY DUTY SIDE COVER FOR SWING AXLE

These Swing Axle side covers are made from H.D. Aluminum Alloy to handle your high horsepower application. Comes with Bowden tube bracket.

16-9903 Heavy Duty Aluminum Alloy Side Cover for Swing Axle, 2 pc.

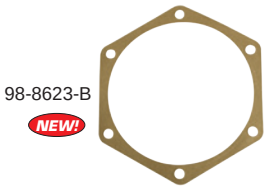


HEAVY DUTY SIDE COVER FOR IRS

These IRS side covers are made from H.D. Aluminum Alloy to handle your high horsepower performance application.

16-9905 Heavy Duty Aluminum Alloy Side Cover for IRS, Each

98-9208-B NEW! Seal to fit Side Cover, Type 1, 69-79 (Elring)
(Ref. P/N: 113 301 189F)



TRANSMISSION SIDE COVER GASKET

98-8623-B NEW! Transmission Side Cover Gasket, Type 1 56-68, Ghia 56-68, Type 2 50-67, Type 3 66-68, Each
(Ref. P/N: 111 501 131)

FINAL DRIVE SEALS

98-9208-B NEW! Seal, Final Drive (Drive Flange), Type 1 68-79 I.R.S., Type 3 68-74, Thing 73-74, (Elring)
Fits P/N 16-9905 Side Cover and can also be used with EMPI Drive Flanges 16-2299 and 16-2301 listed on page 265.
(Ref. P/N: 113 301 189F)

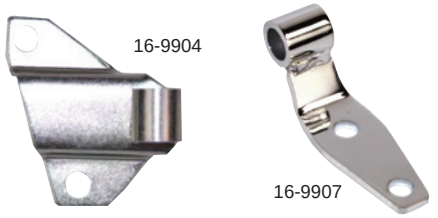
98-8641-B NEW! Seal, Final Drive, Fits Type 2 68-75
(Ref. P/N: 002 301 189C)

98-9209-B NEW! Seal, Final Drive (Drive Flange), Type 2 76-79, Vanagon 80-91 (Elring) Can also be used with EMPI Drive Flange 16-2303 listed on page 265.
(Ref. P/N: 091 301 189A)

SIDE COVER RETAINERS

Includes longer studs, washers, and nuts. For swing axle only.

16-9906 Side Cover Retainers, Kit



BOLT ON BOWDEN TUBE BRACKET

Used for both Bowden tube and hydraulic clutch slave cylinders.

16-9904 Bolt on Bowden Bracket, Zinc, Swing Axle & I.R.S., Each
16-9907 Bolt on Bowden Bracket, Type 2 68-79, Chrome, Each

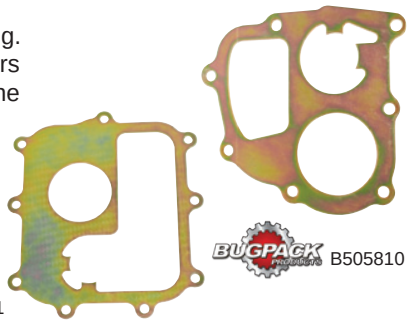
STEEL TYPE 2 SHIFT BALL

This hardened steel shift ball replaces the factory plastic unit which when subjected to any abuse will usually fail. Precision built to slip right in to your Type 2 IRS transaxle.

B506110 Steel Shift Ball, Type 2 IRS

HD BEARING THRUST PLATES

These Strong Steel main bearing thrust plates eliminate movement of the main shaft bearing. Aids in maintaining the alignment of the gears on the main and pinion shafts to give the gears FULL contact thereby reducing the chances of failure. Allows the use of a 2 bolt nose cone to be used on 3 bolt late model Type 1 transmissions and on Type 2 68-79 transmissions.



B505810

B505811

B505810 HD Bearing Thrust Plate, Type 1 & 3, 61-77
B505811 HD Bearing Thrust Plate, Type 2 IRS, 68-79

BUGPACK IRS SUPER DIFFERENTIAL

These units provide the needed strength to withstand the abuse of high horsepower engines. They eliminate the stock housing flex problem in addition to providing for an extra pair of spider gears. Units also allow infinite ring gear lash adjustment and do not affect steering or turning brake operation.

B507210 IRS Super Differential w/o Spider Gears

BUGPACK SWING AXLE SUPER DIFFERENTIAL

After years of intensive research, we are now able to offer the FINEST transaxle Super Diffs ever made. Starting with a high quality, nonporous steel alloy casting and then we totally machine it using only the latest CNC state-of-the-art equipment. Added to this is a precision made steel alloy spider gear section and high tensile snap rings. Use the spider gears of your choice.

B508110

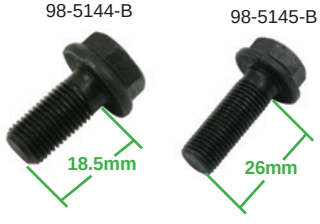
B508110 Double Snap Ring Super Diff, Swing Axle, w/o Spider Gears

98-0126-B NEW! Replacement Clip Only, Each
(Ref. P/N: N0123201)

98-0126-B NEW!

RING GEAR BOLTS

Quality replacement 9mm Ring Gear Bolts, 12.9 Grade, available for both Swing Axle and I.R.S.



98-5144-B 9mm Special Bolt for Ring Gear, (Swing Axle, Short), Bulk, Each
(Ref. P/N: 014 409 135A)

98-5145-B 9mm Special Bolt for Ring Gear, (I.R.S., Long), Bulk, Each

SYNCHRO RINGS

Fits Type 1 61-79 and Type 2 61-75.

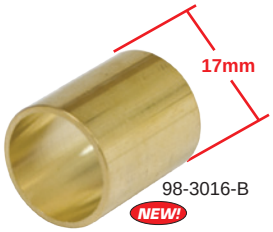
98-8644-B NEW!

98-8645-B NEW!

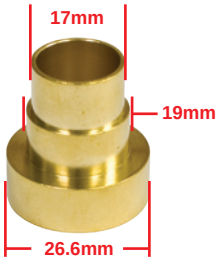
98-8644 NEW! Synchro Ring, 1st / 2nd Gear
(Bulk P/N: 113 311 269B)

98-8645 NEW! Synchro Ring, 3rd / 4th Gear
(Bulk P/N: 113 311 295D)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.



98-3016-B NEW!



98-3018-B NEW!

98-3017-B NEW!

98-3019-B NEW!

98-8642-B NEW!

NOSE CONE BUSHING / SEAL HOLDER

98-3016 NEW! Nose Cone Bushing, Front or Rear, Early
Fits Type 1 61-68 and Type 2 61-67
(Bulk P/N: 111 301 207)

98-3017 NEW! Nose Cone Bushing, Front, Late
Fits Type 1 69-79, Type 2 69-75
Use 98-3009-B (001 301 209A) Seal
(Bulk P/N: 001 301 209)

98-3018 NEW! Nose Cone Seal Holder
This unit replaces the front bushing and seal holder in Type 1 67-68.
Fits Type 1 67-68 and Type 2 67-68.
Use 98-3009-B (001 301 209A) Seal
(Bulk P/N: 001 301 209C)

98-3019 NEW! Nose Cone Seal Holder
This bushing allows for you to now use a seal on the early nose cones.
Fits Type 1 1961-1966 and Type 2 1961-1966.
Use 98-3009-B (001 301 227) Seal
(Bulk P/N: 001 301 209A)

98-8642 NEW! Nose Cone Bushing, Rear, Late
Fits Type 1 1969-75 and Type 2 1969-1975
(Bulk P/N: 001 301 207)

98-2072-B

NOSE CONE BOOT

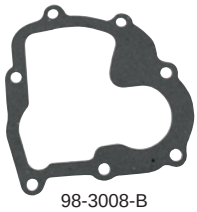
98-2072-B Boot, Nosecone to Chassis,
Type 1 61-79, Ghia 61-74, Type 3 64-73, Each
(Ref. P/N: 111 301 289B)

98-3009-B

TRANSMISSION OIL SEAL

98-3009-B Oil Seal, Transmission, Type 1 69-79, Each
(Ref. P/N: 001 301 227)

98-3006-B


98-3008-B

GEARSHIFT HOUSING AND GASKET

98-3006-B Gearshift Housing, Type 1 62-72 w/ Gasket
(Ref. P/N: 113 301 205G)

98-3008-B Replacement Gasket Only, Shift Housing, Type 1 62-72,
Ghia 62-72, Type 3 64-73, Each
(Ref. P/N: 211 301 215)

TRANSAXLE LOCK NUT KIT

Complete kit featuring nylon-insert locking nuts.

9522 Trans-Axle Lock Nut Kit

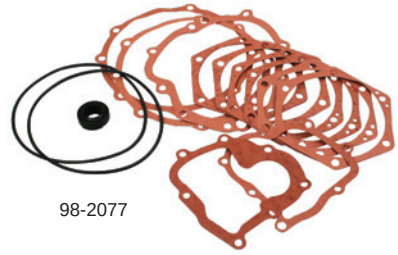
TRANSMISSION GASKET KITS

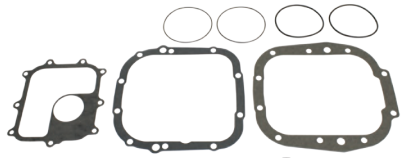
All gaskets and seals required to rebuild your transmission.

98-2077 Transmission Gasket Kit
Type 1 61-76, Ghia 61-74, Type 2 61-67, Type 3 64-73
(Bulk P/N: 111 398 005A)

98-9210-B NEW! Transmission Gasket Set,
Type 2, 1968-75
(Ref. P/N: 002 398 005A)

TYPE 2


98-2077


98-9210-B NEW!

IRS PIVOT MOUNT BOLT & WASHER

Replace your worn or stripped Pivot Mount Bolts with new. 17mm Head. Fits all I.R.S. pans. Use tool number P/N 5788 or 5773 found on page 505.

17-2826 Pivot Mount Bolt, Each
(Bulk P/N: 113 501 535A)
17-2827 Pivot Mount Washer, Each
(Bulk P/N: 113 501 533)

17-2826 17-2827

FORGED CLUTCH CABLE ARMS TYPE 1 AND TYPE 2

Forged heavy duty clutch cable arms.

16-9908 Clutch Cable Arm, Type 1 61-71 and all 002 Type 2 Transmission, Ea
(Bulk P/N: 131 141 719HD) Fits 16mm Cross Shafts

16-9918 NEW! Longer Replacement Clutch Cable Arm,
Type 1 61-71 and all 002 Type 2 Transmission, Ea
Fits 16mm Cross Shafts

16-9917 NEW! Clutch Cable Arm, Type 1 72-74 (to Chassis # 114-2663-259), Ea
(Bulk P/N: 111 141 719HD) Fits 20mm Cross Shafts

16-9909 Clutch Cable Arm, Type 2 76-79 and all 091 Transmission, Ea
(Bulk P/N: 361 141 719HD) Fits 20mm Cross Shafts

16-9931 NEW! Clutch Cable Arm, Type 1 74-79, Ea
(From Chassis #114-2663-260)
(Bulk P/N: 111 141 719F) Fits 20mm Cross Shafts

16-9909 16-9908 16-9918 16-9917 16-9931

SHIFT LEVER

98-3015-B Shift Lever, Transmission, Type 1 61-79, Ghia 61-74, Each
(Ref. P/N: 113 311 541C)

98-3015-B

CLUTCH CABLE CLEVIS PIN

98-7081-B Clevis Pin, Clutch Cable, Type 2 55-71, Each
(Ref. P/N: 211 721 351)

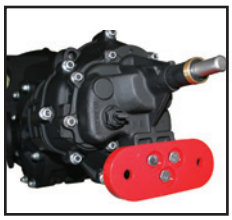
98-7082-B NEW! Clevis Pin, Clutch Cable, Type 2 72-79, Each
(Ref. P/N: 211 721 351A)

TYPE 2

98-7081-B

98-7082-B NEW!

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

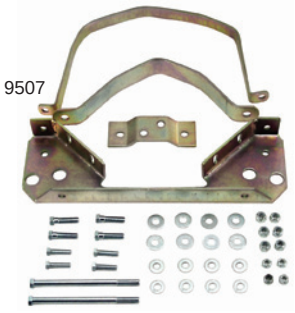


URETHANE TRANS MOUNTS

Made from Injection-Molded Red Urethane, these mounts greatly minimize flexing without the noise of solid steel mounts. Fits 61-72 Type 1.

9540 Urethane Mount Kit w/Hardware, 3-Piece Kit
9539 Urethane Front Mount Only with Bushings, 61-72 Type 1

16-9551 Urethane Front Mount Only with Hardware, Late Model 3-Bolt Nose Cone for Early Chassis



SOLID STEEL TRANS STRAP KIT

Heavy Duty Steel Saddle, Mount and Straps eliminate stock mounts and saddle for maximum support with no flex. Fits Type 1 Only. A must for competition use (Zinc Plated).

9507 Steel Trans Strap Kit with Hardware

BUS IRS TRANS TO SEDAN KIT

Bolt in the beefier Bus IRS Trans into your IRS Bug with this adapter kit (Zinc Plated). For added strength and reliability, use EMPI Chromoly I.R.S. Race Axles. Most common is 15 5/8" - your particular application will dictate proper axle length needed. (Silver Plated). **Use with P/N 17-2725 Shift Shaft Coupler, T1-T2, page 460**.

3195 Bus to Bug Trans Mount Kit with Hardware

EMPI CHROMOLY AXLES

16-2202 15 5/8", for Type 2 Trans/Type 1 & 2 Joints/Type 1 Suspension, Pair
16-2203 15 5/8", for Type 2 Trans/930 C.V. Joints/Type 1 Suspension, Pair
16-2206 19 1/4", for Type 2 Trans/Type 1 & 2 Joints/3 x 3 Arms, Pair
16-2207 19 1/4", for Type 2 Trans/930 C.V. Joints/3 x 3 Arms, Pair

BUS TRANSMISSION MOUNT

Weld in front mount brackets for late model bus transmission. Rear bolt mounts and hardware included. For tube chassis only. Not for stock frame horns.

17-2537 Bus Transmission Mount Kit
17-2538 Bus Transmission Center Mount Only

TRANSMISSION CENTER SUPPORT

Secures transmission from the bottom of the front case bolts. Supports from frame horns to reduce flex, zinc plated. Urethane stops included.

17-2536 Bolt On Center Transmission Support

SOLID TRANS MOUNTS

These steel mounts replace the stock rubber mounts to eliminate flex and wheel hop thus preventing transmission damage such as nose cone breakage and broken mounts that occur during off-road or drag racing. We offer kits for both 2 bolt 61-72 and 3 bolt 73-79 applications and each kit is supplied with mounting hardware.

9518 61-72 Model Steel Trans Mount Kit w/ Hardware

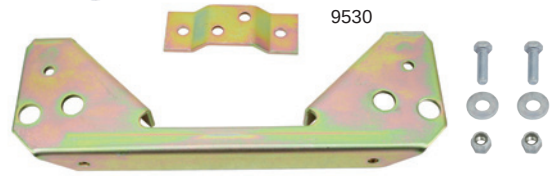
9528 61-72 Model Front Solid Mount w/ Hardware

16-9910 73-79 Model Front Solid Mount w/ Hardware

HEAVY DUTY SOLID TRANS MOUNT KIT

Steel Saddle/Mount eliminates flex. A must for Buggies.
Fits Type 1 only. (Zinc Plated).

9530 Heavy Duty Trans Mount Kit



TRANS SUPPORT KIT

Firmly encompasses trans and frame horns to reduce vibration and prevent flex and breakage. Rubber insulation reduces noise. Can be used with stock or urethane mounts. Fits Type 1 only. (Zinc Plated).

9527 Trans Support Kit, Includes P/N: 9531 & 9532

9531 Front Support Kit Only
9532 Rear Support Kit Only

DELUXE PADDED TRANS SUPPORT KIT

Maximum support with minimal noise. This kit features Heavy Channel-Style Rubber Insulation. Wraps around stock mount saddle. Can use stock or urethane mounts. Fits Type 1 only. (Zinc Plated).

9550 Deluxe Trans Support Kit

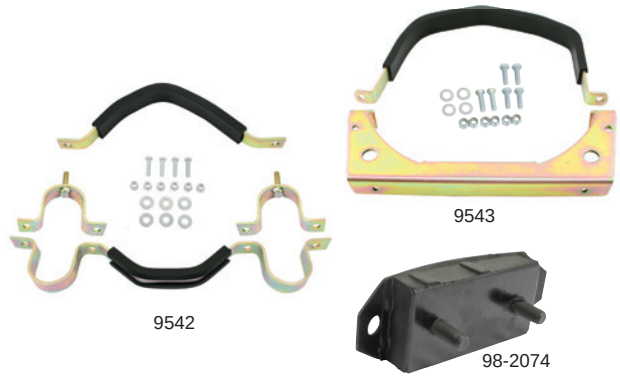
PADDED TRANS SUPPORT KIT

Maximum support while reducing noise, this kit features Channel-Style Rubber Insulation. Includes steel mount saddle that can accommodate stock or urethane mounts (Zinc Plated).

9541 Padded Strap Kit, Includes P/N: 9542/9543

9542 Front Kit Only
9543 Rear Kit Only

9540 Urethane Mount Kit w/Hardware, 3-Piece Kit
98-2074 Stock Style Trans Mount, Rear, Each
Fits Type 1 49-72, S/B 71-72, Ghia 56-72, Type 2 50-67, Thing 73-74, Type 3 62-72
(Bulk P/N: 113 301 263)

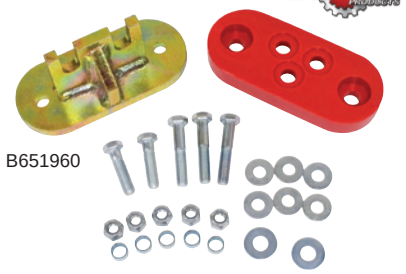


H.D. REAR GEARBOX CRADLE

This Heavy Duty Rear Gearbox Cradle fits all Type 1 49-72, S/B 71-72, Ghia 56-72, Type 2 50-67 and Thing 73-74. Will accept stock rubber mounts. Zinc Plated.

18-1106 NEW! H.D. Rear Gearbox Cradle
(Bulk P/N: 111 301 255)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

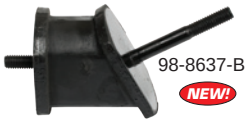


LATE MODEL TRANS MOUNT ADAPTOR

These late model trans adaptors take the hassle out of converting 2 bolt Type 1 mounts that require replacement or updating. Convert your early chassis 2 bolt nose cone to a stronger late chassis 3 bolt nose cone with this non-solid bolt in conversion. They are made from durable Urethane and each kit is supplied complete with mounting hardware.

B651950 Trans Mt. Adap. Kit,
73-79 Chassis w/ 2-Bolt Nose Cone (61-72 Trans)

B651960 Trans Mt. Adap. Kit,
73-79 Chassis w/ 3-Bolt Nose Cone (73-79 Trans)



STOCK TRANS MOUNTS

Replace cracked or broken mounts with new quality rubber mounts.

98-2070-B Transmission Mount – Left Rear Type 1, 73-79, Each
(Ref. P/N: 113 301 263C)

98-2071-B Transmission Mount – Right Rear Type 1, 73-79, Each
(Ref. P/N: 113 301 264)

98-2073-B Transmission Mount – Front Type 2, 63-67
(Ref. P/N: 211 301 265A)

98-2074 Transmission Mount – Rear, Each
Fits Type 1 49-72, S/B 71-72, Ghia 56-72,
Type 2 50-67, Thing 73-74, Type 3 62-72
(Bulk P/N: 113 301 263)

98-2075 Transmission Mount – Front Type 1, 62-65, Each
(Bulk P/N: 311 301 265A)

98-2076 Transmission Mount – Front Type 1, 66-72, Each
(Bulk P/N: 311 301 265B)

98-9972 Transmission Mount – Front Type 1, 73-79, Each
(Bulk P/N: 113 301 265E)

98-8637-B NEW! Engine Mount, Type 2, 72-79, Each
(Ref. P/N: 021 199 231C)

98-8610-B NEW! Front Trans Axle Mount, Type 2, 72-79, Each
(Ref. P/N: 211 599 227)

98-8636-B NEW! Engine Mount, Rear Support, Type 2, 68-71, Each
(Ref. P/N: 211 199 231A)

TRANSAXLE ADAPTER

Allows the installation of a full-synchro 61-72 transaxle into 52-59 pans. Simple bolt-on installation with bolts and washers (Zinc Plated).

9520 Trans Axle Adapter Kit

DUAL PORT URETHANE BOOTS

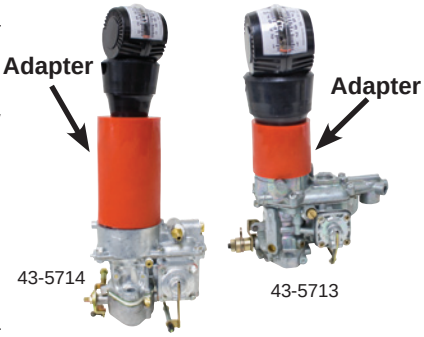
These are the solution to manifold boot problems. Made of corrosion resistant and super durable molded urethane. Quality Step-Style Boots available in Red or Black Urethane. Clamps and quality dual port intake gaskets are included in the two kits.

3403-B	Bulk Red Urethane D/P Boot, Each
3229	Dual Port Installation Kit utilizing Red Urethane Boots
3407-B	Bulk Black Urethane D/P Boot, Each
3228	Dual Port Installation Kit utilizing Black Urethane Boots

CARBURETOR SYNCHRONIZER URETHANE ADAPTERS

Dialing in your Dual EPC34s, Weber ICTs and Solex/Brosol just got a bit easier! These urethane adapters are made specifically for these carburetors. With easy push-on fit, they are impervious to gas and oil. Even the Solex/Brosol Adapter fits without removing the air cleaner center stud. For use with P/N 43-5712 EMPI Universal Pro-Sync.

43-5713	Synchronizer Adapter 34EPC/34ICT Carburetors, Each
43-5714	Synchronizer Adapter Solex/Brosol Carburetors, Each



URETHANE STEERING COUPLER

This Urethane Steering Coupler replaces the standard black rubber disk with a color coordinated, hi-tech polyurethane unit. Complete with hardware. Fits Type I.

16-5150	Urethane Steering Coupler Kit (Red)
16-5149	Urethane Steering Coupler Kit (Black)

DELUXE SWAY BAR MOUNTING KITS

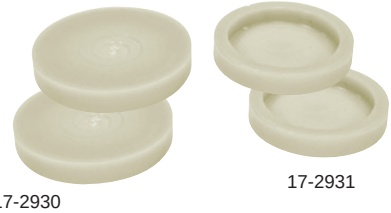
Urethane Bushings with Stainless Steel T-Bolt type clamps. Fits both Ball Joint and Link Pin.

9592	Deluxe Mounting Kit, Stock Bar
9593	Deluxe Mounting Kit, 3/4" Bar

URETHANE CV FLANGE SEALS

These special urethane seals fit right into the constant velocity joint flanges to prevent the axles from beating the transmission. Tough urethane will not tear or flatten like stock seals. Poly Plugs may require some fitting by sanding or filing. Sold in pairs.

17-2930	Poly Drive Flange Plug, Type 1, Pair
17-2931	Poly Drive Flange Plug, Type 2, Pair



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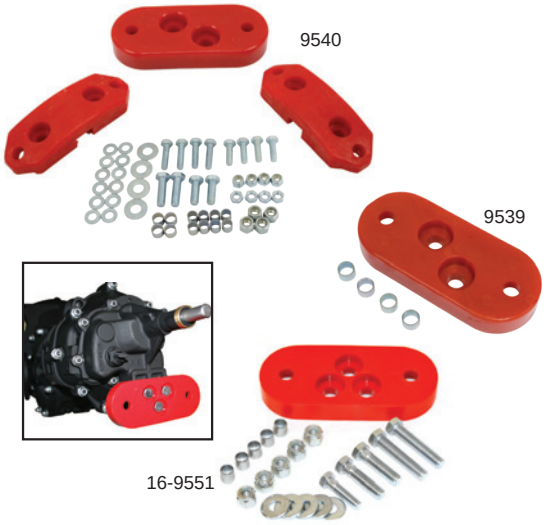
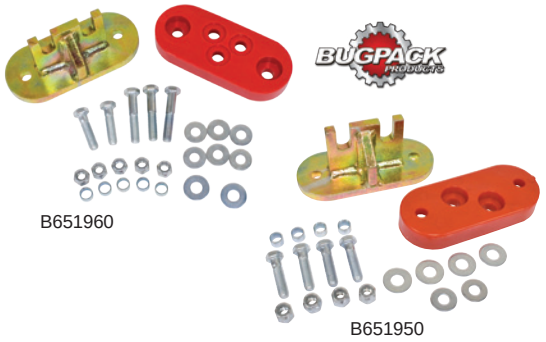


URETHANE TRANS MOUNTS

Made from Injection-Molded Red Urethane, these mounts greatly minimize flexing without the noise of solid steel mounts. Fits 61-72 Type 1.

9540 Urethane Mount Kit w/Hardware, 3-Piece Kit
9539 Urethane Front Mount Only with Bushings, 61-72 Type 1

16-9551 Urethane Front Mount Only with Hardware, Late Model 3-Bolt Nose Cone for Early Chassis



LATE MODEL TRANS MOUNT ADAPTOR

These late model trans adaptors take the hassle out of converting 2 bolt Type 1 mounts that require replacement or updating. Convert your early chassis 2 bolt nose cone to a stronger late chassis 3 bolt nose cone with this non-solid bolt in conversion. They are made from durable Urethane and each kit is supplied complete with mounting hardware.

B651950 Trans Mount Adapter Kit, 73-79 Chassis w/ 2 Bolt Nose Cone (61-72 Trans)
B651960 Trans Mount Adapter Kit, 73-79 Chassis w/ 3 Bolt Nose Cone (73-79 Trans)

SHIFTER BOX BUSHING

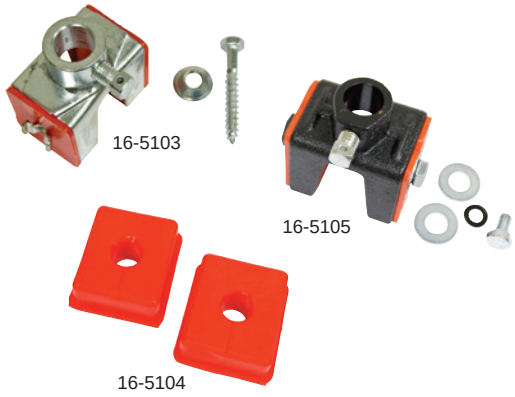
We now offer a trick bolt-on Urethane shift rod bushing. Now you no longer have to worry about the OEM bushing falling out or breaking. This product also eliminates all the slop since it is firmly mounted and fits snugly on the shift rod.

16-5101 Urethane Buggy Shifter Box Bushing, (Black)

URETHANE SHIFT COUPLER

This heavy duty shifter coupler replaces all round stock couplers. Designed for trouble free installation. Can be used with our shift rod kit.

16-5102 Urethane Shift Coupler, Early Style



URETHANE SHIFT COUPLER SETS

The strength and durability of Urethane will out-last and out-perform standard rubber products in every application. This setup ends the trouble of a sloppy shifter coupling. Utilizing Urethane bushing pads instead of rubber, the “slop” and vague feeling disappear. Sold as a complete set.

16-5103 Urethane Shift Coupler, Late Style, Kit
Type 1 65-79, Ghia 65-74, Type 3 64-73, Type 2 68-79
(Ref. P/N: 311 798 211)

Heavy Gauge Steel Cage with heavy duty bolt and Urethane Inserts make this H.D. Coupler the one to use for any performance application.

16-5105 H.D. Shift Coupler w/Urethane Inserts & Hardware., Type 1 65-79, Ghia 65-74, Type 3 64-73, Type 2 68-79

16-5104 Urethane inserts only for Shift Coupler, Pair

CARB ISOLATORS

These innovative Isolator Mounts fit between the intake manifold & carburetor to dampen fuel vibrations in EMPI and Weber float bowls. By absorbing the shock you will reduce fuel foaming, cut down on erratic needle & seat motion, stabilize the fuel curve. Made from specially formulated Polyurethane. These mounts are approximately .200" thick.

B156212 Carb Soft Mounts, Fits 40 IDF Weber, EMPI 40 HPMX and EMPI "D" Series, 40mm I.D., Pair, Black

B156215 NEW! Carb Soft Mounts, Fits 44 IDF Weber, EMPI 44 HPMX and EMPI "D" Series, 44mm I.D., Pair, Black

B156214 Carb Soft Mounts, Fits 48 IDA-48 IDF Webers & EMPI EPC 48's, 48mm I.D., Pair, Black

B156216 NEW! Carb Soft Mounts, Fits 51 IDA Weber & EMPI EPC 51's, 51mm I.D., Pair, Black

B156212 B156214

SWAY BAR BUSHING KITS

B650031 Sway Bar Bushing Kit, Frt. 3/4" Super Beetle 71-73, Red

B650032 Sway Bar Bushing Kit, Frt. 3/4" Super Beetle 74-79, Red

B650034 Repl. Bushing Kit, Front 12mm Bar Link Pin / Ball Joint, Red **(Original Bugpack P/N was 6500-010)**

B650035 Repl. Bushing Kit, Front 3/4" Bar Link Pin / Ball Joint, Red **(Original Bugpack P/N was 6500-011)**

NEW! B650031

B650032

B650034

B650035

URETHANE FRONT BEAM BUSHING KITS

We offer the most extensive line of front end bushings in the business. These bushings take the "movement" out of a new or old front end while providing the superior suspension qualities that only Urethane can provide. Since Urethane is impervious to the elements and wear like "iron"- you'll enjoy many years of performance. In/Out bushings are long one piece units designed to replace BOTH inner and outer with one bushing at the same time giving greater surface to the trailing arm (including custom aluminum and steel beams) while the others replace the outer only.

B652300 Bushing Kit, Outer, Micarta Link Pin, Red
B652320 Bushing Kit, In/Out, Micarta Link Pin, Red
B652400 Bushing Kit, Outer, Needle Bearing Link Pin, Red
B652411 Bushing Kit, Outer, Ball Joint, Red
B652420 Bushing Kit, In/Out, Needle Bearing Link Pin, Red
B652421 Bushing Kit, In/Out, Ball Joint, Red
B658410 Bushing Kit, In/Out, Fits 45mm Alum. Tube, Red
B658411 Bushing Kit ,In/Out, Fits 46mm Steel Tube, Red

B652300

B652320

B652400

B652411

B652420

B652421

B658410

B658411

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

B652310

URETHANE FRONT BEAM SEALS

High quality Urethane parts to replace those stock parts. Not only do they outperform stock parts but they look sharp. Inexpensive suspension upgrade.

B652310 Urethane Front End Seals, Linkpin, (4), Red
B652410 Urethane Front End Seals, Ball Joint, (4), Red

B652410

CONTROL ARM BUSHINGS

Now the Superbeetle owner can replace his inferior front control arm rubber bushings with these hi-performance Urethane pieces. You'll get improved handling due to reduction in the flex and the alignment will last longer. Ideal replacement for worn stock rubber bushings, these Urethane units will out last stock rubber bushings.

B652429

B652429 Frt. Control Arm Bushing Kit, Super Beetle, 71-73, Red
B652430 Frt. Control Arm Bushing Kit, Super Beetle, 74-79, Red
B652431 Frt Cntr Arm & S Bar Bush Kit, Super Beetle, 71-73, Red
B652432 Frt Cntr Arm & S Bar Bush Kit, Super Beetle, 74-79, Red

B652432

B652431

B652430

BUS BEAM BUSHINGS

These 3 different bushing kits are made to fit 1955-63, 1964-67 and 1968-1979 as stock replacements or can be used on narrowed beams as well. The specially formulated Polyurethane bushings offer years of trouble free motoring when used with supplied synthetic waterproof based grease. Now the Type 2 owners can have the improved performance that only Polyurethane can provide.

B652710

B652710 Bus Beam Bushing Kit, 55-63, 53mm O.D., 43mm I.D., For Stock Beam, (4), Red

B652711 Bus Beam Bushing Kit, 64-67, 53mm O.D., 50mm / 43mm I.D., For Narrowed Beam, (4), Red

B652711

B652712 Bus Beam Bushing Kit, 68-79, 56mm O.D., 50mm / 43mm I.D., For Stock Beam, (4), Red

B652712

URETHANE A-ARM GROMMET KIT

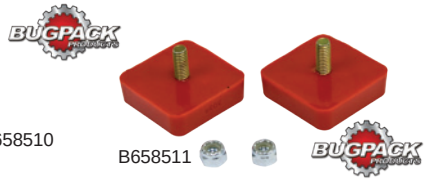
Another problem area solved with this slick suspension item. These new Urethane a-arm bushings are designed to replace the inner sleeve and rubber cushion section of the bushing. This prevents vertical motion at the pivot point which is greatly magnified at the end of the arm, altering any carefully planned alignment. Kit comes complete with four bushings and two steel sleeves to do the job right. Easy slip-in installation.

B655700 Rear IRS A-Arm Bushings w/ Sleeves, Red

BUMP STOPS

These stops are made of tough Urethane, to far outlast any rubber or nylon types currently used. Stops are designed to distribute the load equally. Sold in pairs.

B658500 Bump Stop, 7/8" x 1 7/8" x 1 3/8" w/ Center Stud, Pr., Red
B658510 Bump Stop, Curved Bottom w/ Center Stud, Pr., Red
B658511 Bump Stop, 5/8" x 2" x 2" Square w/ Center Stud, Pr., Red



URETHANE SNUBBERS

Under most harsh conditions these super tough Urethane snubbers will finish the race with you. Resists splitting commonly found with the stock rubber type. Set of two. Fits Type 1 to '65 and Type 2 to '67.

B658600 Urethane Front Snubbers, Pair, Red

BUMP STOPS

Replace those worn out stock rubber bump stops with Urethane replacements for all Type 1, 2, and 3 applications.

B658913 Rear Suspension Bump Stop, Type 1 & Type 3, Pair, Red
B658923 Rear Suspension Bump Stop, Type 2, 64-79, Pair, Red

URETHANE TIE ROD BOOTS

Made from Urethane, these boots are made to withstand the abuse of off-road racing. Superior design keeps dust and dirt from wearing out tie rod end prematurely and they look good.

B557521 Urethane Tie Rod Boots, Stock VW, (4), Red

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

B658710

URETHANE REAR GROMMETS

Rear spring plate grommets designed not to crunch and "bottom out" as soft stock rubber grommets do. The flanged series of grommets are designed for custom made torsion housings.

Note: B658716 Grommets are designed for custom torsion housings only and is used between the spring plate and the torsion housing (inboard side) while the B658713, 14, 15 grommets are used on the outboard side of the spring plate when utilizing custom torsion/spring plate covers.

B658711

B658712

B658710	Knobby Type Grommets, 1-3/4" I.D., Pr., Red
B658711	Knobby Type Grommets, 1-7/8" I.D., Pr., Red
B658712	Knobby Type Grommets, 2" I.D., Pr., Red
B658713	Flanged Grommets, 2-1/4" O.D. x 1-7/8" I.D., Pr., Red
B658714	Flanged Grommets, 2-1/4" O.D. x 1-3/4" I.D., Pr., Red
B658715	Flanged Grommets, 2" O.D. x 1-3/4" I.D., Pr., Red
B658716	Flange Only Grommet, 1-7/8" x .187", Pr., Red
B658810	Smooth/Round Type Grommets, 1-3/4" I.D., Early Swing Axle w/ EMPI H.D. Spring Plates, Pr., Red
B658812	Smooth/Round Grommets, 1-7/8" I.D., Large O.D., IRS, Pr., Red
B658813	Smooth/Round Type Grommets, 1-7/8" I.D., Small O.D., Early Swing Axle, Pr., Red

B658714

B658716

B658713

B658715

B658810

B658812

B658813

URETHANE GROMMETS FOR REAR TORSION SUSPENSION

SWING AXLE FOR STOCK SPRING PLATE

YEAR	VEHICLE	INSIDE	DESCRIPTION	OUTSIDE	DESCRIPTION
1950-1959	Type I	B658813	1 7/8" Round	B658813	1 7/8" Round
1960-1968	Type I	B658711	1 7/8" Knobby	B658710	1 3/4" Knobby
1965-1968	Type III	B658711	1 7/8" Knobby	B658711	1 7/8" Knobby

IRS AXLE FOR STOCK SPRING PLATE

YEAR	VEHICLE	INSIDE	DESCRIPTION	OUTSIDE	DESCRIPTION
1969-1979	Type I+III	B658711	1 7/8" Knobby	B658812	1 7/8" Round

SOFT SPRING PLATE GROMMETS

Re-designed spring plate grommets constructed of a softer Polyurethane compound offer both a superb fit and ride. Available in black Polyurethane for that factory look for both swing axle and IRS applications. Work great with aftermarket spring plate covers.

B658720	Knobby Type Grommets, 1-3/4" I.D., Pr., Black
B658721	Knobby Type Grommets, 1-7/8" I.D., Pr., Black
B658820	Smooth/Round Type Grommets, 1-3/4" I.D. Early Swing Axle, w/ EMPI H.D. Spring Plates, Pr., Black
B658822	Smooth/Round Type Grommets, 1-7/8" I.D., Large O.D., IRS, Pr., Black
B658823	Smooth/Round Type Grommets, 1-7/8" I.D., Small O.D. Early Swing Axle, Pr., Black

URETHANE GROMMETS FOR REAR TORSION SUSPENSION (SOFT BLACK)

SWING AXLE FOR STOCK SPRING PLATE

YEAR	VEHICLE	INSIDE	DESCRIPTION	OUTSIDE	DESCRIPTION
1950-1959	Type I	B658823	1 7/8" Round	B658823	1 7/8" Round
1960-1968	Type I	B658721	1 7/8" Knobby	B658720	1 3/4" Knobby
1965-1968	Type III	B658721	1 7/8" Knobby	B658721	1 7/8" Knobby

IRS AXLE FOR STOCK SPRING PLATE

YEAR	VEHICLE	INSIDE	DESCRIPTION	OUTSIDE	DESCRIPTION
1969-1979	Type I+III	B658721	1 7/8" Knobby	B658822	1 7/8" Round

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

URETHANE TOTAL KITS

Total Kits offer the opportunity to obtain all the parts necessary to complete the conversion of your suspension system to Urethane. Total Kits save time, money and hassles. The kits are boxed.

B222001	Total Kit, Volkswagen, Type 1, 59-65, Red
B222002	Total Kit, Volkswagen, Type 1, 66-72, Red
B222003	Total Kit, Volkswagen, Type 1, 73-77, Red
B222004	Total Kit, Volkswagen, Super Beetle, 71-79, Red

B222001

B222002

B222003

B222004

POLYURETHANE LUBE 1/2 OZ.

Polyurethane assembly lubricant ½ oz. This lubricant is specially formulated for Polyurethane specifically and is a must for keeping bushing properly lubricated and squeak free!

B650033	Lube 1/2 oz. (Pack of 3), Skinpacked

FRONT END ADJUSTERS (TYPE 1)

Requires one on each tube. Cutting and welding required. Allows for 2" of adjustment either up or down. All components are steel.

22-2801 Adjuster, Ball Joint, 66 & Later, Each
22-2802 Adjuster, Link Pin, 65 & Prior, Each

22-2801

22-2802

SELECT A DROP (TYPE 1)

The original Front End Adjuster. Requires cutting & welding.

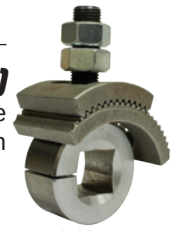
9501 Select A Drop Kit

9501

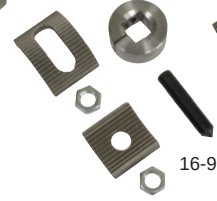
WELD ON ADJUSTERS FOR STEEL BEAMS (TYPE 1)

These adjusters can be welded in place to raise or lower the ride height. Removal of the beam and welding are involved. Grub screw is 9/16" x 20 thread. Available for link pin and ball joint beams. All components are steel.

16-9911 Weld on Beam Adjuster, Link Pin, Each
16-9913 Weld on Beam Adjuster, Ball Joint, Each


16-9911
Assembled

16-9913


16-9911

TYPE 2 FRONT BEAM ADJUSTER

These adjusters allow you to convert your standard axle beam to an adjustable axle beam and adjust the ride height of your Type 2. Two (2) adjusters are required and each are supplied with 6mm broached hex brackets and two jam nuts.
Brazing/copper welding must be done for installation.

16-9916 NEW! Weld on Beam Adjuster, Type 2, Each

TYPE 2
NEW!
16-9916

GRUB SCREW KIT

Grub Screw Kit for Torsion Leaves. Includes (4) Grub Screws and (4) Nuts for Grub Screw.

98-4165 Grub Screw Kit for Torsion Leaves
Type 1 50-77, Ghia 56-74, Type 2 50-79, Type 3 64-73, Kit

98-4166-B Grub Screw for Torsion Leaves, Type 1 50-77, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each
(Ref. P/N: 111 411 151)

98-4165-B Nut for Grub Screw, Type 1 50-77, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each
(Ref. P/N: 111 411 155)

98-4165

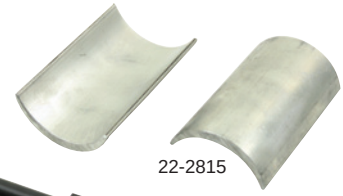
98-4166-B

98-4165-B

CASTER SHIMS

Aluminum Caster Shims correct and improve front end geometry on your lowered VW. The longer Caster Shim Bolts provide proper thread grip at pan head.

22-2815 Caster Shim, Pair
22-2816 Caster Shim Bolts, Pair


22-2815

22-2816

KING PIN/LINK PIN REBUILDING KITS

New Link and King Pin sets. Each kit rebuilds both sides. Fits Type 1, thru 65.

98-2065

98-2065 King Pin Rebuilding Kit
(Bulk P/N: 111 498 021)

98-2066 Link Pin Rebuilding Kit
(Bulk P/N: 111 498 051A)

98-2066

SWING LEVER REBUILD KIT (TYPE 2)

The vertical pin and bushing that transfers the fore-aft motion of the steering to the side-side motion needed to steer the tires. Kit includes bushings, pin, etc. A reamer is not required to install this kit.

98-4174

98-4173

98-4174 NEW! Swing Lever Rebuild Kit, Type 2, 68-79
(Bulk P/N: 211 498 171A)

98-4173 NEW! Swing Lever Rebuild Kit, Type 2, 55-67
(Bulk P/N: 211 498 171)

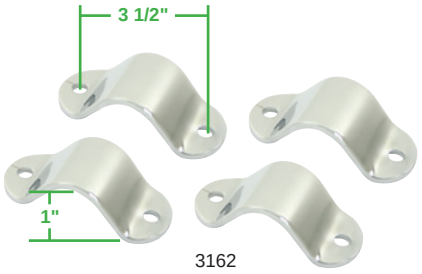
SUSPENSION TRAVEL STOP

98-4041-B

98-4041-B Rubber Stop, Suspension Travel,
Type 1 50-65, Ghia 56-65, Each
(Ref. P/N: 111 401 273)

FRONT END CLAMPS

Mount a VW axle beam to a tube chassis with our Front End Clamps. Made from heavy duty stamped steel. Use the chrome plated clamps for that custom look or the raw version for fabrication. Also can be used to mount Baja Tube Bumpers.



3162

3162 Chrome Axle Beam Clamp Kit, 4 pcs.
3162-7 Bulk Chrome Axle Beam Clamp, Each

3161 Raw Axle Beam Clamp Kit, 8 pcs. (Incl. Hardware)
3161-7 Bulk Raw Axle Beam Clamp, Each

3161

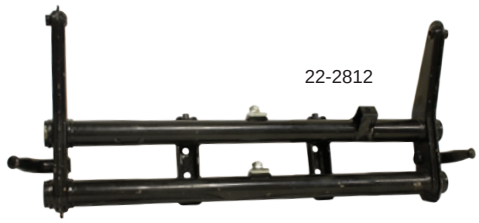
AXLE BEAMS

Brand new Axle Beams with Adjusters already installed. Available for both Early & Late Type 1. Beams with adjusters are not to be used if stock ride height is desired. All beams have a 5/16 - 18 thread where you can install a Zerk fitting.

22-2812 Lowered Link Pin Beam w/Ratchet Style Adjusters

22-2810 Lowered Ball Joint Beam w/Ratchet Style Adjusters
Note: For use with stock length shocks only

22-2810


22-2812

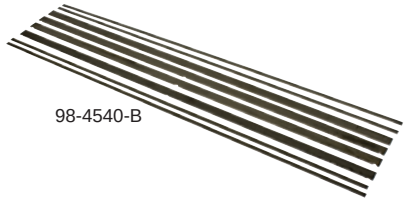
REPLACEMENT TORSION LEAVES

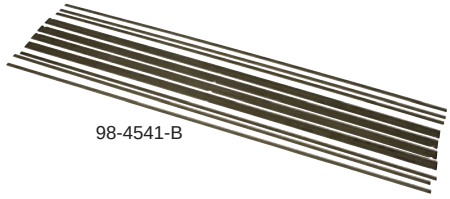
Install in your new stock-width Lowered Beam or just to freshen your ride in your stock beam. (Note: Two sets of leaves required per beam).

98-4540-B Replacement Torsion Leaves, Standard Width, Link Pin (Ref. P/N: 111 411 027)

98-4541-B Replacement Torsion Leaves, Standard Width, Ball Joint (Ref. P/N: 131 411 107A)

22-2814


98-4540-B


98-4541-B

NARROWED BEAMS WITH ADJUSTERS

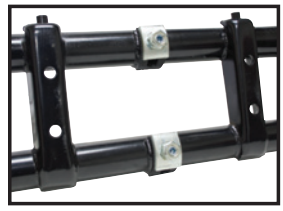
Now available from EMPI. 2" Narrowed, Adjustable Front Beams. This is the solution to front tire clearance issues when using disc brake conversions, negative wheel offsets, or wider wheels and tires. Link Pin and Ball Joint versions are available along with narrowed leaves, tie rods, and sway bars. All beams have a 5/16 - 18 thread where you can install a Zerk fitting. Also available for drop spindles.
(Note: Two sets of leaves required per beam).

22-2818 2" Narrowed Beam with Ratchet Style Adjusters, Link Pin

22-2814 2" Narrowed Beam with Ratchet Style Adjusters, Ball Joint for Dropped Spindles, For use with stock length shocks only

22-2819 2" Narrowed Beam with Ratchet Style Adjusters, Ball Joint, For use with stock length shocks only

FOR LOWERED SPINDLES

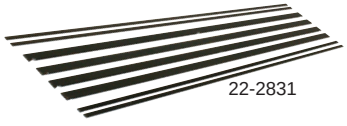

Adjuster welded in a more "neutral" position for Drop Spindles

22-2819

22-2818

Ratchet-Style Adjusters

Bearings Installed!


22-2831

22-2831 Narrowed Leaves for Link Pin, 1 Set (Two sets required)
22-2832 Narrowed Tie Rods for Link Pin, 23 3/4" & 8 1/4", 1 Pr. The tie rod ends are up to 1968
22-2833 Narrowed Sway Bar for Link Pin, 3/4" O.D.

22-2853

22-2852 Narrowed Leaves for Ball Joint, 1 Set (Two sets required)
22-2853 Narrowed Tie Rods for Ball Joint, 22 7/8" & 8", 1 Pr. The tie rod ends are 1969 and later
22-2854 Narrowed Sway Bar for Ball Joint, 3/4" O.D.

22-2854

9692 Stainless Steel Clamps Only, Link Pin/Ball Joint, Type 1, Set of 4

9692

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

URETHANE BUSHINGS

16-5136 Urethane Axle Beam Bushing Kit, **Outer,** for King & Link w/Micarta Bushings, 4 pcs., All the Same

16-5137 Urethane Axle Beam Bushing Kit, **Outer,** for King & Link Pin w/Bearings, 4 pcs., All the Same

16-5140 Urethane Axle Beam Bushing Kit, **Inner & Outer,** for King & Link Pin w/Needle Bearings, 4 pcs., All the Same

16-5139 Urethane Axle Beam Bushing Kit, **Inner & Outer,** for King & Link Pin w/Micarta Bushings, 4 pcs., All the Same

16-5141 Urethane Axle Beam Bushing Kit, **Outer,** for Ball Joints, 4 pcs. Short (Replacement) Style, for Outer Only, 2 Small, 2 Large

16-5142 Urethane Axle Beam Bushing Kit, **Inner & Outer,** for Ball Joint, 4 pcs., 2 Small, 2 Large

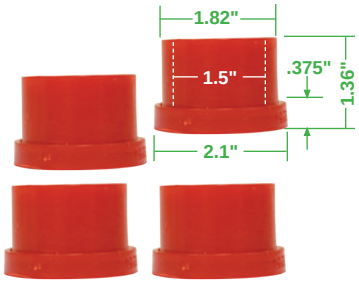
16-5143 Urethane Axle Beam Bushing Kit, 6" Long, No Collar,for Aluminum Beams w/45mm Tubes, 4 pcs., All the Same

16-5144 Urethane Axle Beams Bushing Kit, 7.35" Long w/ .006" Collar & Fluted ID.
for Aluminum or Steel Beams 2.000" O.D. Tube/.120 Wall, 4 pcs., All the Same

16-5146 Urethane Axle Beam Bushing Kit for any of our Off-Road Axle Beams, 4 pcs., All the Same

16-5138 Urethane Axle Beam Tube Seals, Type 1 w/King & Link Pin, 4 pcs., All the Same

16-5145 Urethane Axle Beam Tube Seals, Type 1 w/Ball Joint, 4 pcs., 2 Small, 2 Large



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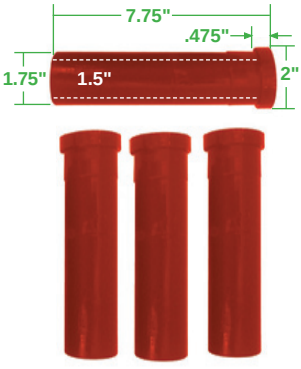
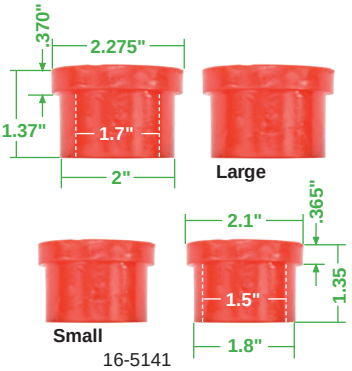
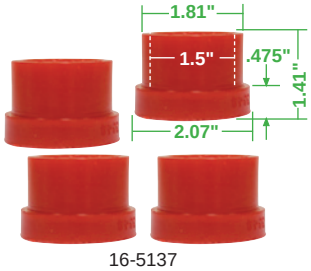
16-5139



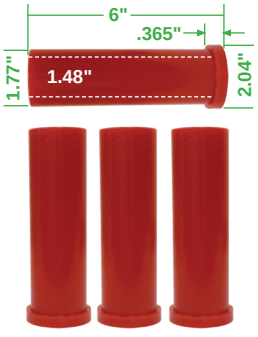
16-5140



16-5141



16-5137



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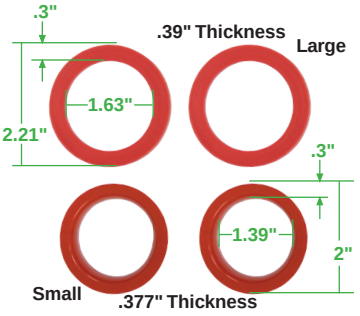
16-5144



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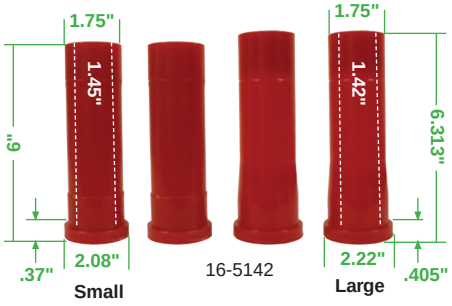
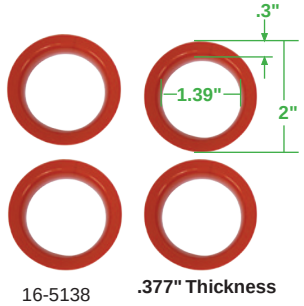
16-5146



16-5142



16-5138

SHIFTER BOX BUSHING

We now offer a trick bolt-on Urethane shift rod bushing. Now you no longer have to worry about the OEM bushing falling out or breaking. This product also eliminates all the slop since it is firmly mounted and fits snugly on the shift rod.

16-5101 Urethane Buggy Shifter Box Bushing, (Black)

16-5101

URETHANE SHIFT COUPLER

This heavy duty shifter coupler replaces all round stock couplers. Designed for trouble free installation. Can be used with our shift rod kit.

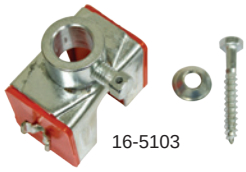
16-5102 Urethane Shift Coupler, Early Style

16-5102

URETHANE SHIFT COUPLER SETS

The strength and durability of Urethane will out-last and out-perform standard rubber products in every application. This setup ends the trouble of a sloppy shifter coupling. Utilizing Urethane bushing pads instead of rubber, the "slop" and vague feeling disappear. Sold as a complete set.

16-5103 Urethane Shift Coupler, Late Style, Kit
Type 1 65-79, Ghia 65-74, Type 3 64-73, Type 2 68-79
(Ref. P/N: 311 798 211)

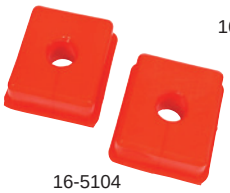

16-5103

Heavy Gauge Steel Cage with heavy duty bolt and Urethane Inserts make this H.D. Coupler the one to use for any performance application.

16-5105 H.D. Shift Coupler w/Urethane Inserts & Hardware.,
Type 1 65-79, Ghia 65-74, Type 3 64-73, Type 2 68-79

16-5105

16-5104 Urethane inserts only for Shift Coupler, Pair


16-5104

URETHANE CONTROL ARM BUSHING KITS

16-5107 Urethane Control Arm Bushing Kit
S/B 71-73, w/ grease (15-Piece Kit)

16-5108 Urethane Control Arm Bushing Kit
S/B 74-79, w/ grease (15-Piece Kit)

16-5107

16-5108

URETHANE SNUBBER

16-5109 Urethane Snubber - Link Pin, Pair

16-5109

URETHANE A-ARM PIVOT BUSHINGS

These new Urethane a-arm bushings are designed to replace the inner sleeve and rubber cushion section of the bushing. This prevents vertical motion at the pivot point which is greatly magnified at the end of the arm, altering any carefully planned alignment. Kit comes complete with four bushings and two steel sleeves to do the job right. Easy slip-in installation.

16-5122 Urethane I.R.S. A-Arm Pivot Bushings, Pair

16-5122

Installed

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

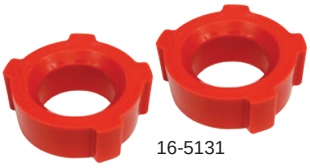
URETHANE BUSHINGS, COUPLERS & STOPS (CONT.)

16-5123		Urethane Round Stacked Bump Stop, Pair
16-5125		Urethane Rear Snubber - All Bugs, Pair
16-5126		Urethane Rectangle Bump Stop, Pair
16-9547		Urethane Shaped Bump Stop 2" Long for 1 1/2" Tube, Pair
16-9548		Urethane Shaped Bump Stop 4" Long for 1 1/2" Tube, Pair
16-5130		Urethane Knobby Bushings - 1 3/4" I.D., Pair
16-5131		Urethane Knobby Bushings - 1 7/8" I.D., Pair
16-5132		Urethane Knobby Bushings - 2" I.D., Pair
B658813		Urethane Smooth/Round Bushings - 1 7/8" I.D., Small O.D., Pair
16-5133		Urethane Smooth/Round Bushings - 1 3/4" I.D., Large O.D., Pair
16-5134		Urethane Smooth/Round Bushings - 1 7/8" I.D., Large O.D., Pair
16-5135	NEW!	Urethane Smooth/Round Bushings - 2" I.D., Small O.D., Pair
16-5147	NEW!	Urethane Smooth/Round Bushings - 2" / 2 1/8" Tapered I.D. (Black), Type 2 Only, Pair This bushing will substitute for 211 511 245A rubber bushing.
16-5150		Urethane Steering Coupler Kit (Red)
16-5149		Urethane Steering Coupler Kit (Black)

16-5123

16-5125

16-5126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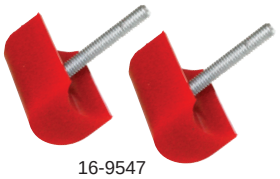
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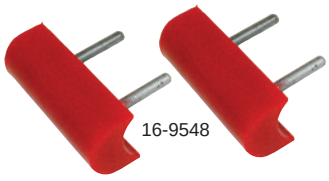
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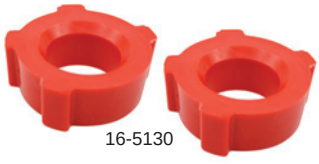
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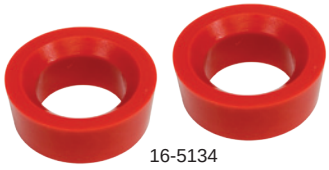
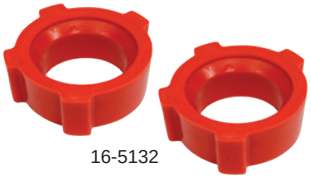

16-5134


16-5132

NEW! 16-5135

16-5133

NEW! 16-5147

16-5150

16-5149

Urethane Bushing Application Guide

For use with Stock Spring Plates:

Type 1, Swing Axle, 1950-1959:	1⅞" Round Inner, Small O.D. – 1⅞" Round Outer, Small O.D.
Type 1, Swing Axle, 1960-1968:	1⅞" Knobby Inner – 1¾" Knobby Outer
Type 1, I.R.S., 1969-1979:	1⅞" Knobby Inner – 1⅞" Round Outer, Large O.D.
Type 1, All with Semi-Automatic Trans:	1⅞" Knobby Inner – 1⅞" Round Outer, Large O.D.
NEW! Type 2, 1955-1979:	2" / 2⅛" Round Inner – 2" / 2⅛" Round Outer
Type 3, Swing Axle, 1965-1968:	1⅞" Knobby Inner – 1⅞" Knobby Outer
Type 3, I.R.S., 1969-1979:	1⅞" Knobby Inner – 1⅞" Round Outer, Large O.D.

For Use with Aftermarket Spring Plates Listed on page 470:

The tubes welded on the spring plates are different than stock. The O.D. of the inner tube is also different than the O.D. of the outer tube.

Non-Adjustable Spring Plates:	1¾" O.D. on Inner Tube – 1⅞" O.D. on Outer Tube
Adjustable Spring Plates:	2" O.D. on Inner Tube – 1⅞" O.D. on Outer Tube

URETHANE TIE ROD BOOTS

Made from Urethane, these boots are made to withstand the abuse of off-road racing. Superior design keeps rust and dirt from wearing out the tie rod end prematurely and they look good.

B557521 Urethane Tie Rod Boots, Stock VW, Red, 4 Pc.

TIE ROD RELOCATION KIT

Eliminate added bump steer and unecessary tie rod end wear on all lowered ball joint & Link pin front ends. Relocates the tie rod end to underside of steering knuckle for improved angles. Requires drilling and the use of late model tie rod ends. Front-end alignment will be necessary for a complete installation.

B661311 Tie Rod Relocation Bushing Kit, Pr.

EMPI TIE ROD ENDS TYPE 1, 2, 3

113 415 821	**98-4518-B**	Left Inner Tie Rod End, Type 1, thru 5/68 (Angled)
113 415 813	**98-4515-B**	Right Inner Tie Rod End, Type 1, thru 65
113 415 813D	**98-4516-B**	Right Inner Tie Rod End, Type 1, 66-5/68
131 415 821A	**98-4519-B**	Left Inner Tie Rod End, Type 1, 5/68-77 Exc. Super Beetle (Angled)
131 415 813E	**98-4517-B**	Right Inner Tie Rod End, Type 1, 5/68-77 Exc. Super Beetle
131 415 811	**98-4511-B**	Left Outer Tie Rod End, Type 1/3, thru 5/68, Type 2 55-67
131 415 812	**98-4512-B**	Right Outer Tie Rod End, Type 1/3, thru 5/68, Type 2 55-67
311 415 811C	**98-4513-B**	Left Outer Tie Rod End, Type 1/3, 5/68-77 Exc. Super Beetle, Type 2 68-79, Inner Tie Rod End, Left & Right, Super Beetle 71-74
311 415 812C	**98-4514-B**	Right Outer Tie Rod End, Type 1/3, 5/68-77 Exc. Super Beetle, Type 2 68-79, Outer Tie Rod End, Left & Right, Super Beetle 71-79

STEERING SHAFT WITH JOINTS - SUPER BEETLE

113 415 951B		**98-4151-B**	Steering Shaft w/Joints, Super Beetle, 71-74
133 419 951	NEW!	**98-4192-B**	Steering Shaft w/Joints, Super Beetle, 75-79

CHROME TIE RODS

High luster chrome tie rods add the finishing touch to street cars, sand rails or buggies. Provided in see thru poly bags.

22-2825	Left Chrome Tie Rod, Type 1, thru 65
22-2829	Right Chrome Tie Rod, Early w/o Damper Provision
22-2827	Right Chrome Tie Rod, Type 1, thru 65
22-2826	Left Chrome Tie Rod, Type 1, 5/68-77 Exc. Super Beetle
22-2830	Right Chrome Tie Rod, Late w/o Damper Provision
22-2828	Right Chrome Tie Rod, Type 1, 5/68-77 Exc. Super Beetle

EMPI TYPE 1 & 2 TIE RODS & DRAG LINKS

113 415 801		**98-4591-B**	Left Tie Rod, Adjustable, Type 1 thru 4/68, Thru Chassis #118 857 239 (Also covers OE #131 415 801B)
113 415 802B		**98-4590-B**	Right Tie Rod, Adjustable, Type 1 thru 65
131 415 801B	NEW!	**98-4589-B**	Left Tie Rod, Adjustable, Type 1, 66-5/68, Each
131 415 802C	NEW!	**98-4588-B**	Right Tie Rod, Adjustable, Type 1, 66-5/68, Each
131 415 801F		**98-4587-B**	Left Tie Rod, Adjustable, Type 1, 5/68-77 Exc. S/B
131 415 802E		**98-4586-B**	Right Tie Rod, Adjustable, Type 1, 5/68-77 Exc. S/B
133 415 801		**98-4584-B**	Left & Right Tie Rod, Adjustable, S/B 71-74, Each
133 419 804A	NEW!	**98-4538-B**	Left & Right Tie Rod, Adjustable, S/B 75-79, Each
133 415 303	NEW!	**98-4585-B**	Center Tie Rod w/ Ends, Super Beetle, 71-74, Each
211 415 802F	NEW!	**98-4580-B**	Right Tie Rod, Type 2, 68-79, Each
211 415 801F		**98-4583-B**	Left Tie Rod, Adjustable, Type 2, 68-79, Each
211 415 802D	NEW!	**98-4581-B**	Right Tie Rod, Type 2, 55-67, Each TYPE 2
211 415 801D	NEW!	**98-4582-B**	Left Tie Rod, Adjustable, Type 2, 55-67, Each
211 415 701D	NEW!	**98-4520-B**	Drag Link, Adjustable, Type 2, 55-67
211 415 701G	NEW!	**98-4521-B**	Drag Link, Adjustable, Type 2, 68-79

EMPI BALL JOINTS

131 405 361F		**98-4522-B**	Upper Ball Joint, Type 1 66-on, Each
131 405 371G		**98-4523-B**	Lower Ball Joint, Type 1 66-on, Each
113 407 361E		**98-4525-B**	Ball Joint, Super Beetle 71-5/73, Each
133 407 361A	NEW!	**98-4526-B**	Ball Joint, Super Beetle 73½-79, Each
211 405 371A		**98-4524-B**	Ball Joint, Type 2 68-79, Fits both upper and lower, Each
311 405 371C	NEW!	**98-4193-B**	Lower Ball Joint, Type 3, Each
181 405 361A	NEW!	**98-4536-B**	Upper Ball Joint, Left or Right, Thing 1973-1974 (Type 181)
181 405 371C	NEW!	**98-4537-B**	Lower Ball Joint, Left or Right, Thing 1973-1974 (Type 181)

EMPI LOWERED / RAISED BALL JOINTS

Specially modified ball joints allows more suspension travel for lowered or raised cars. Fits all Type 1, 66-77.

22-2820	Upper Clearanced Ball Joint, Each
22-2821	Lower Clearanced Ball Joint, Each

EMPI CAMBER ADJUSTERS AND WASHERS

When you lower the front of your beetle, the stock camber adjusters on the ball joint front end are unable to compensate enough to maintain proper camber. With EMPI's precision made Camber Adjusters, the wheels can be properly aligned. Washers are used on the bottom side only. Fits Type 1 & Ghia 1966 to 1977.

22-2817		Camber Adjusters, for Ball Joint, Pair
22-2813	NEW!	Eccentric Washers, Pair

EMPI STEERING DAMPERS

Feeling a little shakeeeee lately? Replace that worn out and leaking Steering Damper with a new one.

113 425 021		**98-4251-B**	Steering Damper, Type 1 & Ghia 61-79, Exc. Super Beetle
113 425 021J	NEW!	**98-4252-B**	Steering Damper, Super Beetle, 71-79
211 425 021A		**98-4253-B**	Steering Damper, Type 2 55-79
311 425 021	NEW!	**98-4254-B**	Steering Damper, Type 3 62-73

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

113 415 061CBR

113 415 061C

STEERING BOX *(NEW OUTRIGHT, NO CORE)*

113 415 061C **98-4155-B** **TRW / Varga** Steering Box, All Type 1 & 3 (Exc. Super Beetle)

113 415 061CBR **98-4156-B** **EMPI Brand** Steering Box, All Type 1 & 3 (Exc. Super Beetle) (Made in Brazil)

16-7509

16-7508

FULLY POLISHED

BILLET ALUM. STEERING BOX COVER & MOUNT

Are these cool or what? Outside of having your steering box housing chromed (no easy feat) there are few ways to make that hunk of metal look better, until now. **(For use only on Type 1 & 3 with P/N: 113 415 061C & EMPI 113 415 061CBR steering box).**

16-7508 Billet Aluminum Steering Box Cover
16-7509 Billet Aluminum Steering Box Mount

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211 501 121

REAR TRAILING ARM BUSHING

Rubber rear trailing arm bushing fits left or right Type 2 1968 to 1979, sold each.

98-5106-B NEW! Rear Trailing Arm Bushing, Each
(Ref. P/N: 211 501 121)

TYPE 2

---

133 407 183

CONTROL ARM BUSHING

Control Arm Rubber Bushing. Some people refer to as track arm inner bushings. Fits Super Beetle 1971 to 1979. Sold Each.

98-8646-B NEW! Control Arm Bushing
(Ref. P/N: 133 407 183)

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111 405 129

TRAILING ARM SEAL

98-4042-B Seal, Trailing Arm, Upper/Lower, Type 1 50-65, Ghia 56-65, Each
(Ref. P/N: 111 405 129)

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131 405 129

131 405 131

TRAILING ARM SEALS

98-4043-B Seal, Trailing Arm, Lower, Type 1 66-77, Ghia 66-74, Each
(Ref. P/N: 131 405 129)

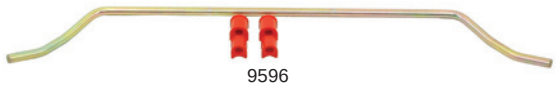
98-4045-B Seal, Trailing Arm, Upper, Type 1 66-77, Ghia 66-74, Each
(Ref. P/N: 131 405 131)

SWAY BARS

Improve handling and control body sway while preventing wheel hop under hard cornering. The Type 1 and 3 sway bars are made from heavy 3/4" steel, the Type 2 is made from beefy 7/8". **All EMPI High Performance Sway Bars feature zinc plated steel components and hardware along with red Urethane bushings.**

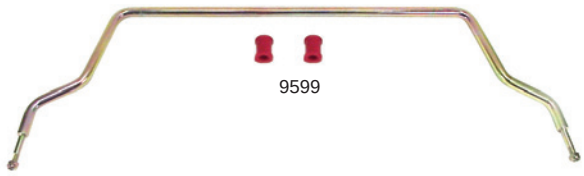
9594

TYPE 1 SWAY BARS, 3/4"


9596

9594 Front Ball Joint, 66 & Later, **Lowered**
9595 Front Link Pin, thru 65, **Lowered**

9596 Front Link Pin, thru 65
9600 Front Ball Joint, 66 & Later


9599

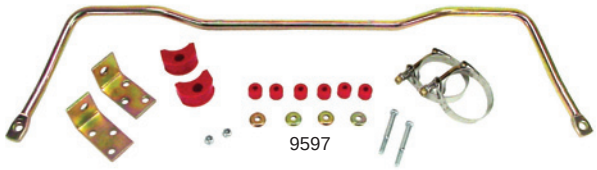
Note: Above 4 numbers reuse original clamps. Stainless steel clamps (P/N 9593) can be purchased separately (See page 256)

9599 Front Super Beetle, thru 73
9601 Front Super Beetle, 74 & Later

9598

Note: Above 2 numbers use original mounting brackets.

9598 Rear Swing Axle, thru 68 (Exc. Auto-Stick)
9597 Rear I.R.S., 69 & Later
9615 Rear Camber Compensator, Swing Axle, thru 68
See page 256 for Full Details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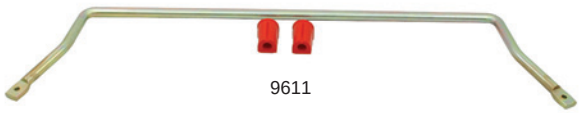
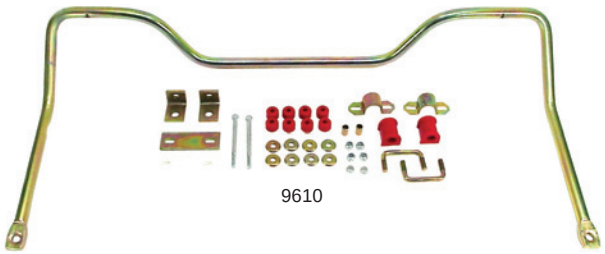
TYPE 2 SWAY BARS, 7/8"


9611

9606 Front, 55-67
9611 Front, 68-79

Note: Above 2 numbers reuse original clamps.


9610

9610 Rear, I.R.S., 68-79 UPS+

TYPE 3 SWAY BARS, 3/4"

9598

9598 Rear, Swing Axle, thru 68 (Exc. Auto-Stick)
9597 Rear, I.R.S., 69 & Later

REAR TRUSS BAR

Triangulates the shock towers and the frame horns, helping to prevent movement of the engine and trans upon acceleration preventing wheel hop. Adjustable rod ends allow for variations and/or preload. Features 3/4" Steel Tubing, Powder-Coated Black for good looks and durability. Fits 1961 & Later Beetle, S/B and Ghia – Swing Axle and I.R.S. Does not fit Thing and will not fit with SR-17 and other tall starters. Some applications may require slight trimming/modification to the body panels for installation. Fits with stock heater boxes.

17-2975 Rear Truss Bar, Type 1, Kit.

9593

9692

DELUXE SWAY BAR MOUNTING KITS

Urethane Bushings with Stainless Steel T-Bolt type clamps. Fits both Ball Joint and Link Pin.

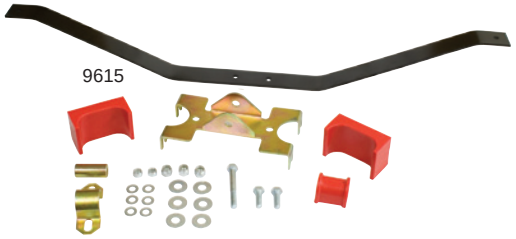
9592 Deluxe Mounting Kit, Stock Bar
9593 Deluxe Mounting Kit, 3/4" Bar

9692 Clamps Only, Link Pin/Ball Joint, Type 1, Set of 4

111 498 101A

STOCK SWAY BAR MOUNTING KIT

98-4172-B Mounting Kit, Stabilizer Bar (Both Sides), Type 1 66-77, Ghia 66-74
(Ref. P/N: 111 498 101A)

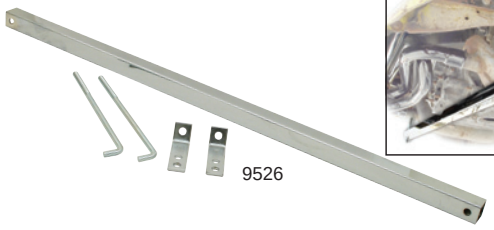


9615

EMPI REAR CAMBER COMPENSATOR

Designed to protect against over-camber on Swing Axle Type 1. Easily bolts to the bottom of the trans and features zinc plated steel components and Urethane bushings. Fits all full synchro Swing Axle Type 1.

9615 EMPI Rear Camber Compensator Kit



9526

CHROME REAR ENGINE BRACE

Prevents wheel hop and engine flex by supporting rear of engine. Fits all Type 1 applications.

9526 Chrome Rear Engine Brace Kit

BUGPACK CHROME ENGINE BRACE

An original design from Bug Pack to eliminate drilling. This brace kit is designed to take the weight and torque of the engine and transmit it to the chassis. Eliminates suspension windup and wheel hop. Simple bolt-on installation and finished with a chrome plated bar and zinc plated hardware.

B651021 Chrome Engine Brace Kit, 68-73

EMPI STOCK OIL SHOCKS

Fits Type 1 1966-1977, Ghia 1966-1974, Thing 1973-1974. This is an oil filled shock. For mounting of this shock, it requires P/N 98-4175-B (131 498 441).

9658 NEW! EMPI Stock Design Shock Absorber, Ball Joint, Stock Height
(Ref. P/N: 113 413 031EE)

98-4175-B Mount Kit, Front Shock Absorber, Vehicles with Ball Joint, Order one per Shock Absorber
(Ref. P/N: 131 498 441)

EMPI PERFORMANCE OIL SHOCKS

EMPI Performance Oil Shocks bridge the gap between O.E. oil shocks and gas shocks. Lowered shocks offer modified travel to eliminate shock bottoming on lowered cars. Finished in bright white. EMPI shocks are sold individually boxed. We now include the compressed overall length (closed position) and also the fully extended (open position). P/N 9652 is supplied with two spacers to fit all the applications listed. Front Shocks for Ball Joint do not require any additional mounting kit.

9650 EMPI Shock, Front, Link Pin, Lowered, Each
9653 EMPI Shock, Front, Ball Joint, Lowered, Each
9651 EMPI Shock, Front, Ball Joint, Stock Height, Each
(Ref. P/N: 113 413 031E)
9652 EMPI Shock, Front, Link Pin, Stock Height, Each
(Ref. P/N: 113 513 031N)

9652 EMPI Shock, Rear, All, 11 3/4"
All I.R.S. / Swing Axle, Type 1, Ghia, Type 2, Type 3, Each
(Ref. P/N: 113 513 031N)

	Closed	Open
9650	9 3/4"	14 5/8"
9651	14 1/2"	18"
9652	10 1/2"	16 1/4"
9653	10 1/2"	15 1/4"
9654	11 1/8"	14 5/8"
9655	15 1/4"	18"
9656	11 3/4"	16 1/4"
9657	11"	15 1/4"
9658	11 3/8"	17 15/16"

EMPI PERFORMANCE GAS SHOCKS

Gas Shocks are far superior and longer lasting than oil filled shocks. EMPI Gas Charged Performance Shocks will improve handling and stability because they adjust to varying road conditions automatically. On smooth roads the shock piston travels freely for a comfortable ride, on rough road surfaces the shock piston compresses more rapidly and the shock responds faster to maintain tire/road surface contact. EMPI's New Gas Charged Performance Shocks are specifically designed and engineered for the VW Beetle, with stock ride height or lowered suspensions. Finished in bright white. EMPI Shocks are sold individually boxed. We now include the compressed overall length (closed position) and also the fully extended (open position). P/N 9656 is supplied with two spacers to fit all the applications listed. Front Shocks for Ball Joint do not require any additional mounting kit.

9654 EMPI Gas Shock, Front, Link Pin, Lowered, Each
9657 EMPI Gas Shock, Front, Ball Joint, Lowered, Each
9655 EMPI Gas Shock, Front, Ball Joint, Stock Height, Each
9656 EMPI Gas Shock, Front, Link Pin, Stock Height, Each

9656 EMPI Gas Shock, Rear, All, 12"
All I.R.S. / Swing Axle, Type 1, Ghia, Type 2, Type 3, Each

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

SUPER BEETLE LOWERING STRUTS & SPRINGS

Lower your Super Beetle and improve handling with these Adjustable Struts, Springs and Inserts. Struts allow car to be lowered from 2" to 4".
(Note: Struts are sold as pairs. Inserts are sold as each).

9626* Super Beetle Adj. Lowering Strut, 71-73, Pair
9627* Super Beetle Adj. Lowering Strut, 74 & Later, Pair

9628 Super Beetle Spring, All Super Beetle, Pair
(Replacement Springs for Stock or Lowered Cars)

9630
(Each)

9629
(Each)

9629 Strut Insert for P/N: 9626, **Each**
9630 Strut Insert for P/N: 9627, **Each**

9628

***Struts cannot be installed w/o P/N: 9629/9630 Inserts.**
***Measurements are in the fully extended position**

Assembled

FRONT SHOCK MOUNT KIT

98-4175-B Mount Kit, Front Shock Absorber, Vehicles with Ball Joint, Type 1 66-77, Ghia 66-74, Thing 73-74.
Use with Stock Shocks or EMPI P/N 9658
Order one per Shock Absorber
(Ref. P/N: 131 498 441)

UPPER STRUT MOUNT

Fits 1971-1973 Super Beetle through Chassis #1333003655 for Sedan Models and Chassis #1533003655 for Convertible Models.

98-8649-B NEW! Upper Strut Mount
(Ref. P/N: 113 412 329B)

STRUT RUBBER STOP

These Rubber Strut Stops fit front strut inserts on Super Beetles 1971 to 1973. Fits 1973 through Chassis #1333003655, sold each.

98-8647-B NEW! Strut Rubber Stop
(Ref. P/N: 113 412 303A)

STRUT INSERT RUBBER STOP

98-8648-B NEW! Strut Insert Rubber Stop, Fits 1973-1979 Super Beetle
(Ref. P/N: 133 412 303A)

COIL-ASSISTED SHOCKS

Adjustable coil-assisted shocks allow you to set your suspension to fit your needs. Available in Standard or Extended Length, and your choice of All-Chrome or Chrome Spring over Black shock. Supplied with spanner tool. Coil Diameter is 2 1/4" O.D. Fits Sedans Only. They should not be used as the only suspension source. They are designed to assist the shock in conjunction with torsion bars / leaves.

17-2815

17-2819

9571

Standard Length – 17.80" Non-Compressed / 12.00" Compressed

17-2815	Front Link Pin, Rear All - Chrome, Skin Packed, Pair
17-2815-8	Front Link Pin, Rear All - Chrome, Boxed, Pair
9570	Front Link Pin, Rear All – Black/Chrome, Skin Packed, Pair
9570-8	Front Link Pin, Rear All – Black/Chrome, Boxed, Pair

Extended Length – 23.45" Non-Compressed / 14.80" Compressed

17-2819	Front Link Pin, Rear All, Extended - Chrome, Skin Packed, Pair
17-2819-8	Front Link Pin, Rear All, Extended - Chrome, Boxed, Pair

Standard Length – 20.68" Non-Compressed / 15.00" Compressed

9571	Front Ball Joint – Black/Chrome, Skin Packed, Pair
9571-8	Front Ball Joint – Black/Chrome, Boxed, Pair

KYB GAS SHOCKS

Competition Proven KYB Gas-Charged shock absorbers featuring their patented Floating Dividing Piston that separates gas and fluid. All KYB Shocks are sold individually boxed.

KYB SHOCKS - TYPE 1

97-1009	KYB 343144	Front Link Pin, GR-2
97-1019	KYB 344068	Front Link Pin, GR-2, Lowered
97-1011	KYB KG4521	Front Link Pin, Gas-A-Just
97-1008	KYB 343143	Front Ball Joint, GR-2
97-1017	KYB 343135	Front Ball Joint, GR-2, Raised 3 1/2" Longer than stock
97-1018	KYB 343208	Front Ball Joint, GR-2, Lowered
97-1010	KYB KG4520	Front Ball Joint, Gas-A-Just
97-1012	KYB KG4605A	Front Ball Joint, Gas-A-Just, Lowered
97-3003	KYB 363012	Front Strut Cartridge, Super Beetle 71-73, GR-2
97-3002	KYB 363002	Front Strut Cartridge, Super Beetle 73 ½ - 79, GR-2
97-1009	KYB 343144	Rear, All, GR-2
97-1013	KYB KG5529	Rear, All, Gas-A-Just

97-1009

97-1018

97-1017

97-1011

97-1013

KYB SHOCKS - TYPE 2

97-1011	KYB KG4521	Front, 55-79, Gas-A-Just
97-1013	KYB KG5529	Rear, 55-67, Gas-A-Just
97-1014	KYB KG5530	Rear, 68-79, Gas-A-Just (Also used for 8" Extended Shock Tower Link Pin Front Ends)
97-1009	KYB 343144	Rear, 68-79, GR-2, Front, 55-79, GR-2

KYB SHOCKS - TYPE 3

97-1011	KYB KG4521	Front, All, Gas-A-Just
97-1013	KYB KG5529	Rear, All, Gas-A-Just

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

9980

SWING AXLE BOOTS

DELUXE

Deluxe Axle Boots feature Wide Stainless Steel Clamps, H.D. Hex-Head Plated Steel Bolts and Nylon-Insert Locking Nuts. Available in a variety if colors. Fits all Swing Axle applications.

9980	Deluxe Swing Axle Boot, Blue, Pair
9981	Deluxe Swing Axle Boot, Red, Pair
9983	Deluxe Swing Axle Boot, Yellow, Pair
9984	Deluxe Swing Axle Boot, Black, Pair

9971

STANDARD

Standard Swing Axle Boots come complete with installation hardware and are available in a variety of colors. These are the same high quality boots as the Deluxe Boots but with standard hardware and Narrow Stainless Steel Clamps.

9970	Swing Axle Boot - Blue, Pair
9971	Swing Axle Boot - Red, Pair
9973	Swing Axle Boot - Yellow, Pair
9974	Swing Axle Boot - Black, Pair

9979-8	Repl. Clamp Kit, Each, Poly Bagged (Incl. Clamp & Hardware for 1 Boot)

EMPI STOCK-STYLE

Not to be confused with inferior quality boots offered by others. EMPI's stock style boots are manufactured in our molds, with high quality neoprene to give you the best boot available. *Solid type is a favorite of racers and offers excellent flexibility with no chance of seam problems. Split types were designed for ease of installation and have become the most popular choice for everyday use. Both styles include all necessary hardware.

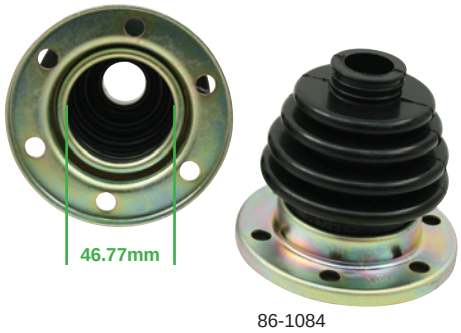
***Note: Solid boot requires the removal of bearing housings from axle tubes.**

9916	Stock Style Split Axle Boot Kit, Each
(Bulk P/N: 111 598 021A)	Bagged w/Hardware, Each
86-1091	Stock Style Split Axle Boot Only, Bulk, Each

9917	Stock Style Solid Axle Boot Kit, Each
(Bulk P/N: 111 598 151)	Boot & Clamps, Bagged, Each
9917-7	Stock Style Solid Axle Boot Only, Bulk, Each
(Ref. P/N: 111 501 151)	

I.R.S. C.V. JOINT BOOTS W/FLANGE

Molded from high quality black Neoprene and feature integral mounting flange. Sets of 4 or each in bulk. See pages 520-527 for complete Volkswagen C.V. Boot coverage.



86-1084

9994	I.R.S. Boot w/Flange, Type 1, Black, Set of 4
86-1084-V (86-1084-0)	I.R.S. Boot w/Flange, Type 1, Black, Bulk, Each
(Ref. P/N: 113 501 149)	I.D. of Metal Flange 46.77mm

9989	I.R.S. Boot w/Flange, Late Type 2/4, Set of 4
86-1086-V (86-1086-0)	I.R.S. Boot w/Flange, Late Type 2/4, Bulk, Each
(Ref. P/N: 211 501 149)	I.D. of Metal Flange 54.19mm

SEE PAGES 510 AND 511 FOR ALL TYPES OF C.V. CLAMPS

EMPI NEW DRIVE AXLE ASSEMBLIES

EMPI's Axle Assemblies are assembled from all new top quality components manufactured by EMPI. See page 518 for complete Volkswagen Drive Axle coverage. The same EMPI C.V. Joints and Boots used on these axle assemblies are available in kit form, see pages 519-527. Overall length is given for each axle.

90-6900-C Type 1 & Ghia, w/I.R.S., 68-79, (16 3/8")
(Ref. P/N: 113 501 201D)

90-6905 Thing, w/I.R.S., 73-74, (16 1/8")
(Ref. P/N: 447 501 113)

90-6903-C Type 2, M/T, w/I.R.S., 68-79, (18 3/4")
(Ref. P/N: 211 501 203)
90-6901 Type 2, A/T, w/I.R.S., Left, 68-79, (18")
90-6902 Type 2, A/T, w/I.R.S., Right, 68-79, (19 7/8")

90-6802 Vanagon, M/T, 80-82, (21 1/2")
(Ref. P/N: 251 501 203)
90-6800 Vanagon, A/T, Left, 80-82, (21")
(Ref. P/N: 251 501 203A)
90-6801 Vanagon, A/T, Right, 80-82, (22 11/16")
90-6805 Vanagon, M/T, 83-92, (21 1/4")
(Ref. P/N: 251 501 203G)
90-6805 Vanagon Syncro, Rear Both Sides, 86-92, (21 1/4")
(Ref. P/N: 251 501 203G)
90-6804 Vanagon, A/T, Left, 83-92, (20 1/2")
(Ref. P/N: 251 501 203E)
90-6803 Vanagon, A/T, Right, 83-92, (22 5/16")
(Ref. P/N: 251 501 204B)

90-6900-C Type 3 (Exc. Auto), M/T, w/I.R.S., 69-73, (16 3/8")
(Ref. P/N: 113 501 201D)
90-6907 Type 3, A/T, w/I.R.S., Left, 69-73, (15 5/16")
90-6906 Type 3, A/T, w/I.R.S., Right, 69-73, (17 1/4")

90-6800 411, 412, w/I.R.S., 71-74, (21")
(Ref. P/N: 251 501 203A)

90-6900-C

TYPE 2 90-6903-C

90-6905

90-6805

EMPI CONSTANT VELOCITY JOINTS AND KITS

Replace worn and clanking Velocity Joints. Our kits include everything needed to do the job right. Includes: EMPI C.V. Joint, Boot, Clamps, Snap Rings and Grease. See pages 519 and 520 for complete Volkswagen Constant Velocity Joint coverage.

87-9916-K C.V. Joint Kit, Type 1 & 3, Vanagon Synchro (Front Inner) 90mm, Each
87-9916 C.V. Joint Only, Type 1 & 3, Vanagon Synchro (Front Inner) 90mm O.D., 6875" Balls, Each
(EMPI Replacement Joint for 113 501 331)

87-9916-K Kit

87-9917-K C.V. Joint Kit, Type 2 & Vanagon, 100mm, Each
87-9917 C.V. Joint Only, Type 2 & Vanagon, 100mm O.D., .750" Balls, Each
(EMPI Replacement Joint for 211 501 331B)
See 98-5084-B for Off-Road Type 2 Joint on page 262

TYPE 2

87-9917 Joint Only

I.R.S. BOOTS W/FLANGE

9994 I.R.S. Boot w/Flange, Type 1, Black, Set of 4
86-1084-V (86-1084-0) I.R.S. Boot w/Flange, Type 1, Black, Bulk, Each
(Ref. P/N: 113 501 149)
9989 I.R.S. Boot w/Flange, Late Type 2/4, Set of 4
86-1086-V (86-1086-0) I.R.S. Boot w/Flange, Late Type 2/4, Bulk, Each
(Ref. P/N: 211 501 149)

TYPE 2

See page 264 for proper installation procedure if C.V. Joints come apart.

SEE PAGES 510 AND 511 FOR ALL TYPES OF C.V. CLAMPS

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI HI-PERFORMANCE C.V. JOINTS

Larger C.V. Joints make it possible to run increased loads and axle angles. EMPI's Hi-Performance C.V. Joints offer all the quality benefits a Hi-Performance C.V. Joint should. They include Chromoly Cages and hardened alloy inner/outer races that are precision machined, ground, and hand inspected. Our kits include everything needed to do the job right. Includes: EMPI C.V. Joint, Boot, Clamps, Grease and
NEW Spiral Lock Clip included with all joints for 930.

87-9469-B

Chromoly Cages!

98-5097-B

87-9469-B **EMPI, Porsche 930 C.V. Joint Only**, 108mm O.D., .875" Balls, Each
28 Spline Inner Race, (Solid Outer Race, w/Chromoly Cage)
The I.D. of the 6 mounting holes are 10.4mm.
(EMPI Replacement Joint for 930 332 034 00E)

87-9469-K **EMPI, Porsche 930 C.V. Joint Kit**, 108mm, Each,
28 Spline Inner Race, (Incl. P/N: 86-9301 Boot & P/N: 86-9302 Flange)

87-9470-B **EMPI, Porsche Off-Road 930 C.V. Joint Only**, 108mm O.D., .875" Balls, Each
28 Spline Inner Race, (Solid Outer Race, w/Chromoly Cage)
The I.D. of the 6 mounting holes are 10.4mm.
(The fit between balls and tracks is very loose to allow for maximum angles)

98-5097-B **EMPI, Porsche 934 C.V. Joint Only**, 128mm O.D., 1.000" Balls, Each
Large 33 Spline Inner Race, (Solid outer race, w/Chromoly Cage)
The I.D. of the 6 mounting holes are 12.4mm.

98-5098-B **EMPI, Porsche Off-Road 934 C.V. Joint Only**, 128mm O.D., 1.000" Balls, Each
Large 33 Spline Inner Race, (Solid outer race, w/Chromoly Cage)
The I.D. of the 6 mounting holes are 12.4mm.
(The fit between balls and tracks is very loose to allow for maximum angles)

98-5084-B **EMPI Off-Road Type 2 C.V. Joint Only**, 100mm O.D., .750" Balls, Each
TYPE 2
33 Spline Inner Race, (Solid outer race, w/Chromoly Cage)
The I.D. of the 6 mounting holes are 8.8mm.
(The fit between balls and tracks is very loose to allow for maximum angles)

EMPI HI-PERFORMANCE LIGHTENED C.V. JOINTS

Larger C.V. Joints make it possible to run increased loads and axle angles, but in turn add to the mass rotating weight. Reducing this weight can improve acceleration, much like lightening the engine flywheel. EMPI's Hi-Performance Lightened C.V. Joints offer all the quality benefits a Hi-Performance C.V. Joint should. They include Chromoly Cages and hardened alloy inner/outer races that are precision machined ground and hand inspected. A reduction in weight as a result of custom machining the O.D. of the outer race adds the finishing touch for a true hi-performance C.V. Joint. This machining process also aids in cooler operating temperatures of the joint in extreme use situations.

98-5094-B

Chromoly Cages!

98-5096-B

98-5093-B

98-5094-B **EMPI H.P. Lightened 930 C.V. Joint** w/Chromoly Cage,
6.75oz lighter than P/N 87-9469-B
108mm O.D., .875" Balls, 28 Spline Inner Race
The I.D. of the 6 mounting holes are 10.4mm.
(The fit between balls and tracks is very loose to allow for maximum angles)

98-5096-B **EMPI H.P. Lightened 934 C.V. Joint** w/Chromoly Cage,
13.2oz lighter than P/N 98-5097-B
128mm O.D., 1.000" Balls, Large 33 Spline Inner Race
The I.D. of the 6 mounting holes are 12.4mm.
(The fit between balls and tracks is very loose to allow for maximum angles)

LOBRO / GKN C.V. JOINTS

In addition to our EMPI made C.V. Joints, we also offer Lobro stock replacement C.V. Joints for those that choose to go with the stock replacement manufacturer. GKN motorsports C.V. Joints .

98-5093-B New Lobro 930 C.V. Joint, 108mm O.D., .875" Balls, Each
(Ref. P/N: 930 332 034 00) 28 Spline Inner Race
The I.D. of the 6 mounting holes are 10.4mm.

SEE PAGES 510 AND 511 FOR ALL TYPES OF C.V. CLAMPS

I.R.S. C.V. JOINT BOOT KITS (BOXED)

These kits include EMPI's high quality neoprene boot. Each kit is packaged in our distinctive 3-Color Trilingual box. Kit includes Boot, Moly Grease Pack, Hardware and deluxe kits include 6 C.V. Bolts.

86-1084-D

86-1084-D C.V. Joint Boot Kit, Type 1
86-1084-1 Deluxe C.V. Joint Boot Kit, Type 1 (w/ Bolts)
(Ref. P/N: 113 598 201)

TYPE 2

86-1086-D C.V. Joint Boot Kit, Type 2
86-1086-1 Deluxe C.V. Joint Boot Kit, Type 2 (w/ Bolts)
(Ref. P/N: 251 598 201)

86-1086-1

86-1084-1

C.V. BOLTS

These hardened aircraft quality C.V. Bolts hold it all together. Available with Allen or 12 Pt. Heads for most popular applications (Bulk quantities available on all part numbers).

87-7701 / 16-2409

16-2409 Bolt for Type 1 C.V., M8 x 1 15/16", 12 Pt. Internal, Set of 6
87-7701 Bulk Bolt for Type 1 C.V., M8 x 1 15/16", 12 Pt. Internal, Each
(Ref. P/N: 113 501 229D)

16-2410

16-2410 Bolt for Type 1 & 2 C.V., 3/8" - 24 x 1 3/4", Allen Head, Set of 6
16-2412 Bolt for Type 1 & 2 C.V., 3/8" - 24 x 1 3/4", 12 Pt., External, Set of 6

16-2413 Bolt for 930 C.V., 3/8" - 24 x 2 1/4", 12 Pt., External, Set of 6
16-2413-7 Spindle Clamp Nut w/ screw, 18mmx1.0 Left, Type 2 68-79, Each

16-2415 Bolt for 930 C.V., 3/8" - 24 x 2 5/16", 12 Pt., External, Set of 6 (For P/N: 86-9312 Flange)
16-2414 Bolt for 934 C.V., 7/16" - 20 x 2 7/16", 12 Pt., External, Set of 6
16-2416 NEW! Bolt for 934 C.V., 1/2" - 20 x 2 1/2", 12 Pt., External, Set of 6

C.V. JOINT BOLT SOCKET

Available for 6-Point and 12-Point 8mm Hex C.V. joint bolts.

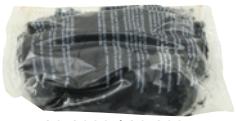
5796 C.V. Joint 12-Point Hex Socket, 8mm, 3/8" Drive
5797 C.V. Joint 6-Point Hex Socket, 6mm, 3/8" Drive

5796

SEE PAGES 510 AND 511 FOR ALL TYPES OF C.V. CLAMPS

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

86-3039 / 86-3027



86-3000 / 86-3005

C.V. JOINT GREASE

EMPI Moly C.V. Joint Grease meets the rigid factory fill requirements set by all major C.V. Joint manufacturers. EP-2 (Extreme Pressure) Additive provides superior protection against seizure under extreme pressure loads. Use EMPI Moly Grease for all long travel play car or racing applications.

86-3000	Moly Grease for C.V. Joints, 4 oz. packet
86-3005	Moly Grease for C.V. Joints, 3 oz. packet
86-3009	Red C.V. Grease, 14oz tube
86-3039*	400 lb. Plastic Lined Drum of Grease
86-3027	35 lb. Drum of Grease

***Shipped via Truck Only**
Grease CANNOT be shipped via AIR

86-3009

EMPI RACING C.V. COMPONENTS

You can't win if you do not finish. In mild applications stock C.V joints are fine. If you have a high performance engine or go off-road then step up with our conversion flanges and stub axles. Rugged terrain usage and race applications require the use of our race hardened C.V. components as well. Manufactured by EMPI and hardened for superior strength, these Races and Cages hold up under the most demanding conditions. Cages and Races are designed for EMPI C.V. Joints.

16-2632

16-2640

16-2611

16-2615

C.V. RACES

16-2630	Type 1 Race Only, (Repl. to fit 87-9916), Each
16-2609	Type 1 Hardened C.V. Race, for 5/8" Balls, Each
16-2607	Type 1 Hardened C.V. Race, for 11/16" Balls, Each
16-2632	Type 2 Race Only, (Repl. to fit 87-9917), Each
16-2634	Type 2 Race Only, (Repl. to fit 87-5084-B), Each
16-2628	930 C.V. Race Only, (Repl. to fit 87-9469-B), Each
16-2629	930 Race Prep C.V. Race Only, (Repl. to fit 87-9470-B), Each
16-2635	930 Race Prep C.V. Race Only, (Repl. to fit 98-5094-B), Each
16-2640	Chromoly 930 Race Only, (Fits 87-9469-B), Each
16-2606	934 C.V. Race Only, (Repl. to fit 98-5096-B, 98-5097-B), Each
16-2627	934 Race Prep C.V. Race Only, (Repl. to fit 98-5098-B), Each

930 C.V. RACE "KIT"

This special made 930 race is designed specifically for high strength, durability and long wheel travel in applications that require such attributes. The race is supplied with special .874" balls so that the race / ball combo allows for a "loose" high travel joint. The design of this kit is such that either new or used 930 EMPI joints can benefit from this kit and the C.V. Joint can be made to operate as if it was a custom ground / deburred / modified joint.
(.874" balls can also be ordered separately, see P/N: 16-2619).

16-2611 930 Race w/Balls Kit, Each

CHROMOLY CAGES

These high quality chromoly cages are the same as supplied in our EMPI hi-performance lightened C.V. joints. Chromoly construction adds the necessary strength and durability while radiused windows and surface ground tolerances provide the quality fit that EMPI is known for. These cages are a required item if you want the most operating angle from your 930 or 934 C.V. Joint and if you want to eliminate breakage from inferior designed cages.

16-2615 930 H.P. Chromoly C.V. Cage, for 7/8" (.875") Balls, **(Can also be used with .874" balls).** Fits all EMPI C.V. Joints for 930, Each

16-2616 934 H.P. Chromoly C.V. Cage for 1" Balls. Fits all EMPI C.V. Joints for 934, Each. Fits all EMPI C.V. Joints for 934, Each

16-2633 Type 2 Chromoly C.V. Cage Only (Repl. to fit 98-5084-B), Each

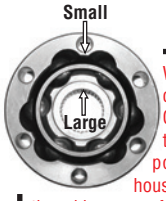
C.V. CAGES

16-2617 Type 1 Cage Only (Repl. to fit 87-9916), Each

16-2631 Type 2 Cage Only (Repl. to fit 87-9917), Each

C.V. BALLS

16-2624 C.V. Ball, 5/8", for Type 1 Joints, 24 pcs.
16-2619 C.V. Ball, .874", for 930 Joints, 24 pcs.
16-2620 C.V. Ball, .873" (.002" undersize), for 930 Joints, 24 pcs.
16-2621 C.V. Ball, 7/8" (Standard Size - .875"), for 930 Joints, 24 pcs.
16-2622 C.V. Ball, 1" (Standard Size), for 934 Joints, 24 pcs.



When assembling a cross groove style C.V. joint, be sure that the narrow points of the outer housing are aligned with the wide areas of the race. Improper indexing of C.V. joint will cause the joint to bind, limiting movement and causing damage to the joint.

FORGED TRANSMISSION DRIVE FLANGES

EMPI's conversion drive flanges and stub axles are necessary items to upgrade your suspension to larger C.V. Joints. All EMPI drive flanges are forged from chromoly high strength steel that is then precision machined and heat treated to handle years of off-road abuse. Some flanges feature C.V. bolt holes that are made with 3/8" - 24 threads to accommodate heavy duty bolts. Use these flanges in conjunction with EMPI stub axles, heavy duty cages, races, boots and boot flanges to upgrade an existing suspension to a long travel, high performance suspension!

16-2299 Type 1 Trans. to Type 2 Joint, 33 Splines, 36mm Nose, M8 Threads, Pair

16-2301 Type 1 Trans to 930 Joint, 33 Splines, 36mm Nose, 3/8"- 24 Threads, Pair

16-2302 002 Type 2 Trans to 930 Joint, 37 Splines, 42mm Nose, 3/8" - 24 Threads, Pair

16-2303 091 Type 2 Trans to 930 Joint, 40 Splines, 45mm Nose, 3/8" - 24 Threads, Pair

98-5140-B Plug, Final Drive, Type 2, 69-79, Each
Fits P/N's 16-2301, 16-2302 and 16-2303
(Ref. P/N: 002 517 289A)

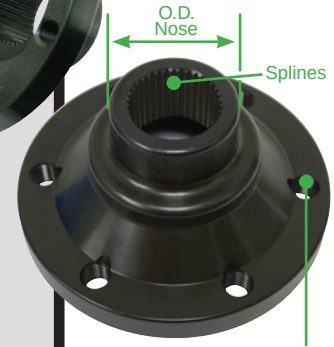
17-2930 Poly Drive Flange Plug, Type 1, Pair

17-2931 Poly Drive Flange Plug, Type 2, Pair

Poly Plugs may require some fitting by sanding or filing.

Forged Chromoly!

16-2302



98-5140-B

17-2930

17-2931

FORGED CONVERSION STUB AXLES

EMPI's Conversion Stub Axles feature all the same high quality elements as our drive flanges; Including forged chromoly construction, precision CNC machining and following the proper heat treat specifications. Converting any stock or aftermarket trailing arm that uses stock I.R.S. bearings and seals has never been easier. Fully compatible with drum or disc brakes. EMPI also offers Micro Stub versions for 930 and 934 applications.

16-2304 Conv. Stub Axle for Type 1 to Type 2 Joint, 8mm Threads, Each

16-2306 Conv. Stub Axle for Type 1 to 930 C.V. Joint, 3/8" - 24 Threads, Each

16-2307 Conv. Stub Axle for Type 1 to Type 2 Joint, Short for 5-Lug Drum, 8mm Threads, Each

16-2308 Standard Size Stub Axle for Type 1, 8mm Threads, Each
(Ref. P/N: 113 501 231)

Forged Chromoly!

16-2421 Nut
(Sold Separately)

FORGED MICRO STUB AXLES

16-2310 Micro Stub Axle w/Washer For 930 C.V. Joint, 3/8" - 24 Threads, Each

16-2311 Micro Stub Axle w/Washer For 934 C.V. Joint, 7/16" - 20 Threads, Each

16-2421 Spindle Nut M24 x 1.5, Each
(Bulk P/N: 311 501 221)

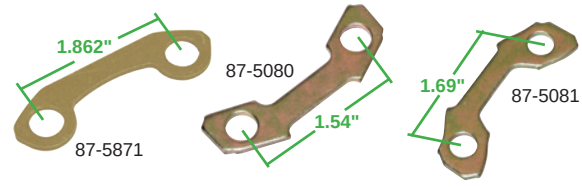
16-2311

TORQUE DISTRIBUTION WASHER

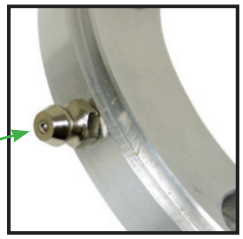
87-5871 Torque Distribution 930 Washer for 108mm Joint, Each

87-5080 Torque Distribution T-1 Washer for 90mm Joint, Each
(Ref. P/N: 113 501 329)

87-5081 Torque Distribution T-2 Washer for 100mm Joint, Each
(Ref. P/N: 211 501 357)



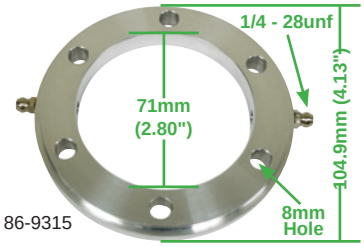
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

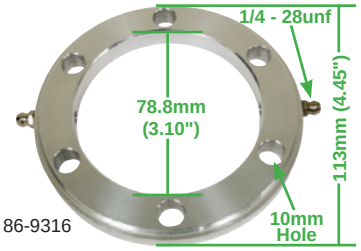


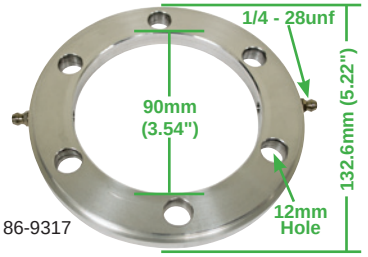
EMPI C.V. BOOT GREASE FLANGES

Machined Billet Aluminum Grease Flanges allow you to grease your C.V. Joints without removing the boots. May require longer bolts.

86-9315 Grease Flange, Bus – for 8mm Bolts.
86-9316 Grease Flange, 930 – for 10mm / 3/8" Bolts.
86-9317 Grease Flange, 934 - for 12mm / 7/16" Bolts.







934 LEATHER OFF-ROAD OVER-BOOT

Tough, heavy Leather Over-Boot will protect the inner rubber boot from damage. Used as an Over-Boot with 86-9318 Dual-Boot Flange. These will fit 934 only.

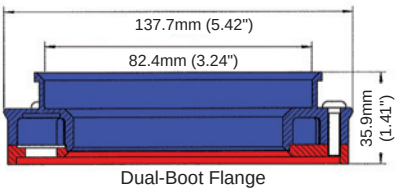
86-9323 Leather Over-Boot Only - use with P/N 86-9318 Dual-Boot Flange.

934 DUAL-BOOT SYSTEM

Special 2-Piece Flange attaches Inner Rubber Boot which holds the grease to keep the C.V. Joint lubricated and the Outer Leather Boot protects the Inner Boot from Damage.
P/N 86-9318 2-Piece Flanges are attached together with supplied bolts. P/N 86-9322 Rubber Inner Boot attaches to Inner Flange. P/N 86-9323 Leather Out-Boot Attaches to Outer Flange for maximum protection. Uses standard EMPI C.V. Bolts (P/N 16-2414). Bolts not included.

86-9318 934 Type C.V. Joint Dual-Boot Flange, Set.
Use w/ P/N 86-9322 or P/N 86-9321 C.V. Boot and P/N 86-9323 Leather Over-Boot.

86-9322 934 Type C.V. Joint Off-Road Inner C.V. Boot, Ea.
Use with P/N 86-9318 Dual-Boot Flange or P/N 86-9313 Flange.
May also be used w/ P/N 86-9302 and P/N 86-9312 Flange.



OFF-ROAD C.V. JOINT BOOTS

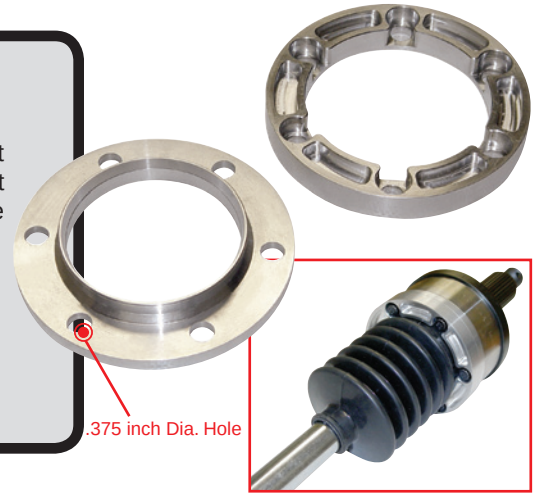
86-9320 930 Type C.V. Joint Off-Road C.V. Boot. Use with P/N 86-9302 Flange or P/N 86-9312 Billet Aluminum Flange.
86-9321 930 Type C.V. Joint Off-Road C.V. Boot. Use with P/N 86-9313 Flange.

BILLET ALUMINUM BOOT RETAINER AND C.V. FLANGE

The cleanest and most efficient way yet to secure a 930 C.V. boot. The boot is captured between an aluminum inner flange and a great looking billet outer ring. No more clamps or zip ties. Works on both ends, longer bolts are available in this section.

86-9312 930 Billet Aluminum Boot Retainer and C.V. Flange, Set (Uses C.V. Boot 86-9301)

16-2415 Bolt for 930 C.V., 3/8" - 24 x 2 5/16", 12 Pt., External, Set of 6 (For P/N: 86-9312 Flange)

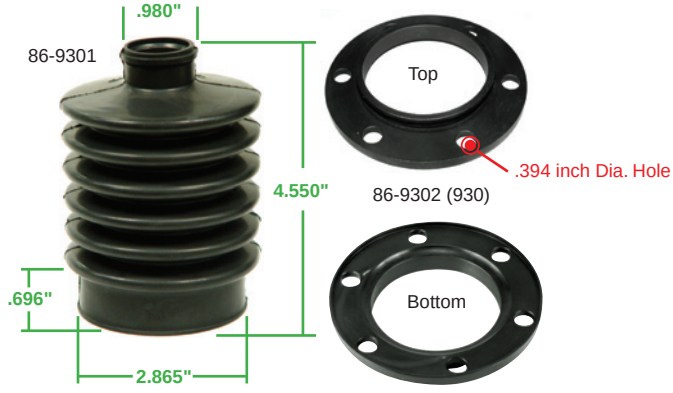


OFF-ROAD C.V. JOINT BOOTS & KITS

For over 20 years EMPI has been producing High Quality Neoprene C.V. Boots. With tens of millions sold, it can be said we know how to make a quality C.V. Boot! All EMPI off-road C.V. Boots are injection molded using only high quality neoprene blended material that is made to EMPI's strict specifications. Rest assured that EMPI C.V. Boots are the best boots available for your off-road car. Boots, flanges and components are available separately in bulk or in kit form. Kits are supplied boxed complete with C.V. Boot, flange, moly grease pack and H.D. tie wrap clamps. **(See pages 510 & 511 for additional tie wraps and clamps)**.

86-9300-D 930 Type C.V. Joint Off-Road Boot Kit w/Flange Uses P/N 16-2415 Bolts. (Not Included)

86-9301 930 Boot Only for P/N: 86-9300-D (Bulk)



86-9302 930 Flange Only for P/N: 86-9300-D (Bulk) Uses P/N 16-2415 Bolts. (Not Included)

86-9306 Boot Only, fits over 930 Type C.V. Joint (108mm) and Flange (Bulk) *(86-9302 flange or 86-9313 flange must be used to retain the C.V. Joints)*

86-9313 Metal Flange for 930 Over the C.V. Boot Uses P/N 16-2415 Bolts. (Not Included)

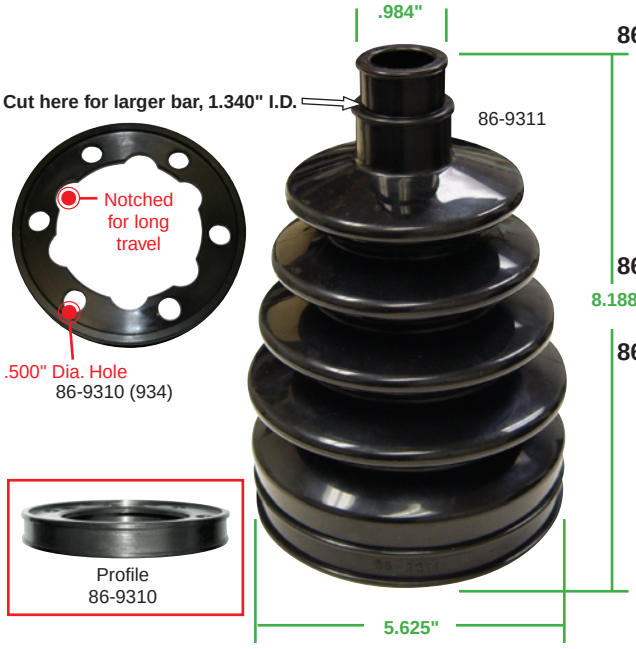
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

OFF-ROAD C.V. JOINT BOOTS & KITS (Continued)

86-9309-D — 934 Type Off-Road Boot Kit w/Flange
Uses P/N 16-2414 Bolts. (Not Included)

86-9307 — 934 Boot Only for P/N: 86-9309-D (Bulk)

86-9308 — 934 Flange Only for P/N: 86-9309-D (Bulk)
Uses P/N 16-2414 Bolts (Not Included).
(Clearanced for travel of balls)

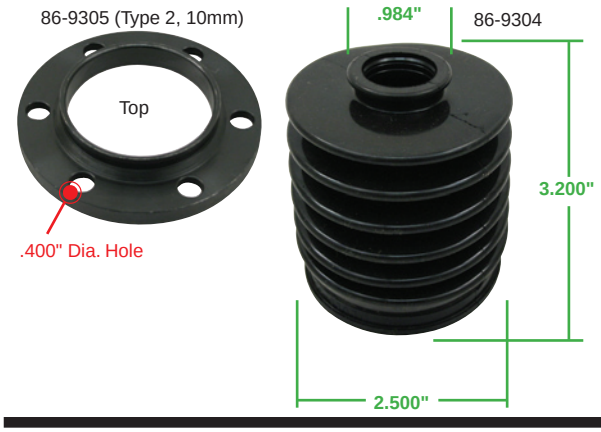


86-9312-D — 934 Type C.V. Joint Over the C.V. Boot Kit
Uses P/N 16-2414 Bolts. (Not Included)
(C.V. Joint fits into the flange,
boot fits over the joint & flange)
This boot will fit both sizes of axle bars, just cut the small end of boot off for larger bar

86-9311 — Boot Only, 934 Over the C.V. Joint (128mm)
Over 8" tall. For P/N: 86-9312-D (Bulk)

86-9310 — Flange Only, 934 Over the C.V. Boot
for P/N: 86-9312-D (Bulk)
Uses P/N 16-2414 Bolts. (Not Included)
(Notched for long travel)

86-9303-D — 100mm Off-Road Boot Kit w/Flange,
for Type 2 (Bus), C.V. Joint
Uses P/N 16-2410 or P/N 16-2412 Bolts.
Not Included)



86-9304 — Type 2 Boot Only for P/N: 86-9303-D
(Will also fit P/N: 86-9302 Flange) (Bulk)

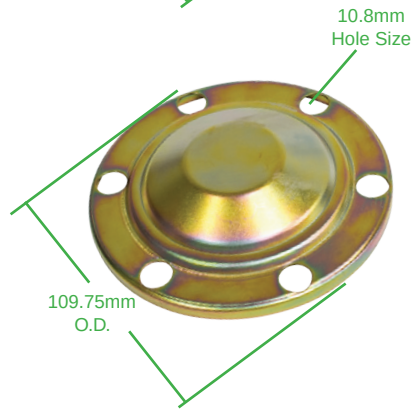
86-9305 — Type 2 Flange Only for P/N: 86-9303-D (Bulk)
10.3mm Holes
Standard bolts will work with these large holes or use P/N 16-2410 or P/N 16-2412 Bolts. (Not Included)

930 C.V. JOINT BOOT

86-2515 NEW! High Speed Boot for 930 C.V. Joint
108mm O.D. C.V. Joints, Prop Shaft Applications
Short boot limits axle angle
Fits P/N 87-9469-B, 87-9470-B, 98-5094-B and 98-5093-B

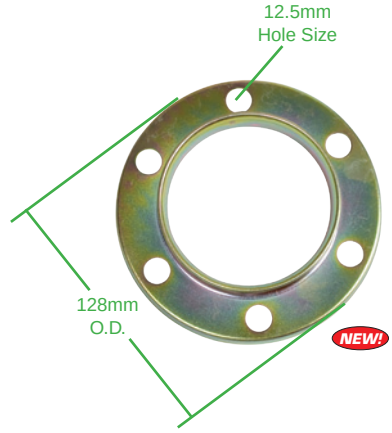
930 C.V. JOINT END CAP

87-5870 C.V. Joint End Cap, Fits 87-9469-B, 87-9470-B, 98-5094-B, and 98-5093-B



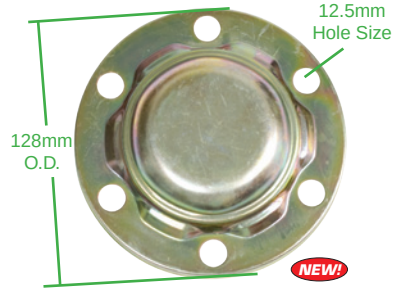
934 C.V. JOINT BOOT FLANGE

87-5872 NEW! C.V. Boot Flange for 934, 128mm O.D. CV Joints – Stamped Steel, Fits with CV Boot P/N 87-9307. Fit's P/N's 98-5096-B, 98-5097-B and 98-5098-B C.V. Joints.



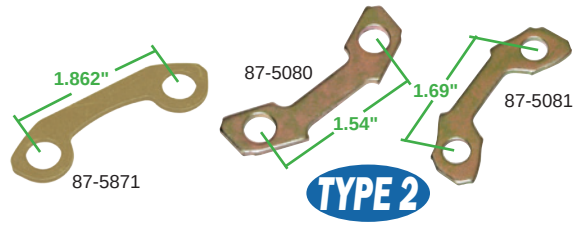
934 C.V. JOINT END CAP

87-5873 NEW! C.V. Joint End Cap for 934, 128mm O.D. CV Joints, Fits P/N's 98-5096-B, 98-5097-B & 98-5098-B.



TORQUE DISTRIBUTION WASHER

87-5871 Torque Distribution 930 Washer for 108mm Joint, Each
87-5080 Torque Distribution T-1 Washer for 90mm Joint, Each
(Ref. P/N: 113 501 329)
87-5081 Torque Distribution T-2 Washer for 100mm Joint, Each
(Ref. P/N: 211 501 357)



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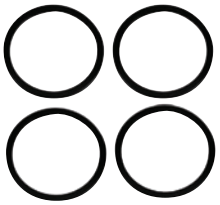
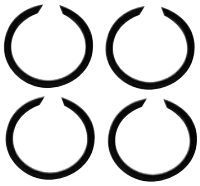
EMPI CHROMOLY I.R.S. RACE AXLES

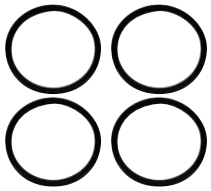
Engineered and designed to twist or spool up like a torsion bar to avoid damage to the transmission final drive and to keep the axle from snapping under extreme or race loads. All of these EMPI axles are made from 4340 chromoly and feature high strength cold formed / rolled splines. Special silver zinc plating ensures these axles far outlast and outperform all of the competitors! For hi-performance, drag racing and off road conditions, these axles are the only way to go.



16-2262
(930 Axles)
Spiral Locks



16-2260
(Type 1 & 2 Axles)
Circlips



16-2261
(934 Axles)
Spiral Locks

16-2201	16 1/4", for Type 1 Trans./Type 1 & 2 Joints/Type 1 Suspension, Pair
16-2202	15 5/8", for Type 2 Trans./Type 1 & 2 Joints/Type 1 Suspension, Pair
16-2203	15 5/8", for Type 2 Trans./930 C.V. Joints/Type 1 Suspension, Pair
16-2204	18 3/4", for Type 1 Trans./Type 1 & 2 Joints/+5 3/4" Rear Sect., Pair
16-2205	18 3/4", for Type 1 Trans./930 C.V. Joints/+5 3/4" Rear Sect., Pair
16-2206	19 1/4", for Type 2 Trans./Type 1 & 2 Joints/3 x 3 Arms, Pair
16-2207	19 1/4", for Type 2 Trans./930 C.V. Joints/3 x 3 Arms, Pair
16-2200	16 1/4" Axle, 28 Splines, Pair
16-2209	16 3/4" Axle, 28 Splines, Pair
16-2208	16 3/4" Axle, 33 Splines, Pair
16-2225	17 1/2" Axle, 28 Splines, Pair
16-2224	17 1/2" Axle, 33 Splines, Pair
16-2211	20 1/4" Axle, 28 Splines, Pair
16-2210	20 1/4" Axle, 33 Splines, Pair
16-2213	21 3/8" Axle, 28 Splines, Pair
16-2212	21 3/8" Axle, 33 Splines, Pair
16-2215	22" Axle, 28 Splines, Pair
16-2214	22" Axle, 33 Splines, Pair
16-2217	23" Axle, 28 Splines, Pair
16-2219	24" Axle, 28 Splines, Pair
16-2221	25" Axle, 28 Splines, Pair
16-2223	26" Axle, 28 Splines, Pair
16-2227	27" Axle, 28 Splines, Pair
16-2228	28" Axle, 28 Splines, Pair
16-2262	Replacement Spiral Locks for 930 Axles, 4 pcs.
16-2260	Replacement Circlips for Type 1 & 2 Axles, 4 pcs.
16-2261	Replacement Spiral Locks for 934 Axles, 4pcs

4340 Chromoly

28 Splines:
930 C.V. Joint
31.00mm O.D.

33 Splines:
Type 1 & 2 Joints
26.95mm O.D.

HI-PERFORMANCE CHROMOLY SWING AXLES

Some of the strongest axles available. Constructed from 4340 chromoly, these swing axles are available in standard (26 11/16"), long (28 7/16") and short (23 1/2") lengths. Drag racing, sand or off-road, they will give you the dependability you need. Must use Torque Wrench, do not use Impact Gun to tighten axle nut.

16-2230

4340 Chromoly

16-2230	Hi-Performance Swing Axle, Standard, 61-66 Type 1, 26 11/16", Each
16-2231	Hi-Performance Swing Axle, Long, 68 Type 1, 28 7/16", Each

EMPI CHROMOLY I.R.S. RACE AXLE KITS

EMPI has taken the guess work out of putting together your high performance I.R.S. axles. Complete axle kits are now available and come with our chromoly race axles, nylon ties, boots, C.V. joints, flanges, and grease. These axle kits are not assembled and come in an eye catching full color box. Type 2 kits are supplied with 98-5084-B C.V. joints and the 930 kits are supplied with 87-9470-B C.V. joints.

16-2235

16-2232	Type 2 Axle Kit, 19 1/4" with 33 Spline Axles
16-2233	Type 2 Axle Kit, 15 5/8" with 33 Spline Axles
16-2234	Type 2 Axle Kit, 20 1/4" with 33 Spline Axles
16-2235	930 Axle Kit, 19 1/4" with 28 Spline Axles
16-2236	930 Axle Kit, 20 1/4" with 28 Spline Axles
16-2238	930 Axle Kit, 22" with 28 Spline Axles
16-2239	930 Axle Kit, 23" with 28 Spline Axles

REPLACEMENT SWING AXLE BEARING HOUSINGS

For 66 and earlier, short axle. Sold in pairs. Bearings not included.

16-9923

16-9923 Swing Axle Bearing Housing, Pair (Boxed)

RUBBER STOPS

311 501 191

211 501 191

98-5012-B Rubber Stop, Rear Axle,
Type 1 60-79, Ghia 60-74, Type 3 64-73, Each
(Ref. P/N: 311 501 191)

98-5011-B Rubber Stop, Rear Axle, Type 2 65-79, Each
(Ref. P/N: 211 501 191)

AXLE NUTS

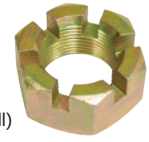
High quality rear axle nuts. Chrome plated, Gold Zinc, or Black for good looks.

16-2420
(21.6mm Tall)

16-2421-7
(18mm Tall)

16-2420 Chrome 36mm Axle Nut, M24 x 1.5, Each

16-2421 Zinc 36mm Axle Nut, M24 x 1.5, Each
16-2421-7 Stock Zinc Plated 36mm Axle Nut, M24 x 1.5, Bulk, Each
(Ref P/N: 311 501 221)


NEW!
87-1643
(18.06mm Tall)

NEW!
16-2422
(20.15mm Tall)

87-1643-K NEW! Zinc 36mm Axle Nut, w/o Flange, M24 x 1.5, Each
87-1643 NEW! Zinc 36mm Axle Nut, w/o Flange, M24 x 1.5, Bulk, Each
(Ref P/N: 111 501 221)

16-2422 NEW! Black 46mm Axle Nut, M30 x 1.5, Each
16-2422-7 NEW! Black 46mm Axle Nut, M30 x 1.5, Bulk, Each
(Ref P/N: 211 501 221A)

COTTER PIN

N012 548 1

98-0118-B Cotter Pin, Rear Axle Nut (5 x 55mm),
Type 1 50-79, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each
(Ref. P/N: N012 548 1)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

16-2400

16-2401

HI-PERFORMANCE AXLE SPACER KITS

Stock axle spacers just won't hold up to the abuse of off-road and hi- performance applications. Or when replacing the axle bearings you might as well up grade at the same time. Available for both swing axle and I.R.S. **(I.R.S. Kit includes stub axle bearing spacers).**

16-2400 Axle Spacer Kit for I.R.S., 6 pcs.
16-2401 Axle Spacer Kit for Swing Axle, 4 pcs.

9569

9545

CHROME SPRING PLATE CAPS

Chrome Spring Plate Caps for good looks. Both styles available; Swing axle for shorter style torsion bars and I.R.S. style for medium and long torsion bar use.
See pages 242, 243 and 250 for Urethane Bushings.
Use bushing P/N 16-5133 for P/N 9569.

9545 Chrome Spring Plate Caps - Swing Axle, Pair
9569 Chrome Spring Plate Caps - I.R.S., Pair

17-2696

17-2697

POLISHED STAINLESS TORSION END PLATE

Polished stainless steel end plates with stainless spacers for IRS torsion.

17-2696 Torsion End Plate, Stainless, Swing Axle, Pair
17-2697 Torsion End Plate, Stainless, I.R.S., Pair

311 511 245

111 511 245E

311 511 246

SPRING PLATE BUSHINGS

98-5102-B Bushing, Spring Plate, Left/Outer, Right/Inner, Type 1 60-68, Ghia 60-68, Type 3 64-67, Each
(Ref. P/N: 311 511 245)

98-5101-B Bushing, Spring Plate, Outer, Type 1 69-79, Ghia 69-74, Type 3 68-73, Each
(Ref. P/N: 111 511 245E)

98-5103-B Bushing, Spring Plate, Left/Inner, Right/Outer, Type 1 60-68, Ghia 60-68, Type 3 64-67, Each
(Ref. P/N: 311 511 246)

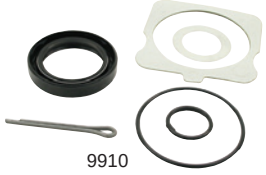
See pages 242, 243 and 250 for Urethane Bushings.

211 501 317

REAR AXLE SEAL

This rear axle seal fits Type 2 1968 to 1979. Two units are required per side, sold each.

98-8651-B NEW! Rear Wheel Seal, Type 2, 68-79
(Ref. P/N: 211 501 317)


9910

REAR AXLE SEAL KIT

Includes: Seal, Gaskets, O-Rings and Cotter Key for complete replacement of your old worn seals. Fits Swing Axle and I.R.S.

9910 Rear Axle Seal Kit
(Bulk P/N: 311 598 051B)

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

BOLT-ON DISC BRAKE KITS

All bearing races must be PRESSED into rotors.

Converting your '68 & later Type 1 (except S/B) from drum to disc is made simple with this true Bolt-On Kit. Featuring heavy duty cast brackets that bolt directly to your stock spindles – then calipers to the brackets. Available in 4x130 with14x1.5mm threads, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads and Blank (not drilled) for custom wheel applications. Hardware is included. Wheel studs are not included. **These kits will only work with stock-style, drum brake spindles.**

USE DOT3 FLUID ONLY

22-2983

22-2983 Ball Joint Bolt-On Disc Brake Kit, 4x130 with 14x1.5mm threads
22-2984 Ball Joint Bolt-On Disc Brake Kit, Blank (not drilled)
22-2985 Ball Joint Bolt-On Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads

22-2986 Link Pin Bolt-On Disc Brake Kit, 4x130 with 14x1.5mm threads
22-2991 Link Pin Bolt-On Disc Brake Kit, Blank (not drilled)
22-2990 Link Pin Bolt-On Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads

All Link Pin Kits include conversion bearings and special BJ-style clamps. This eliminates double nuts.

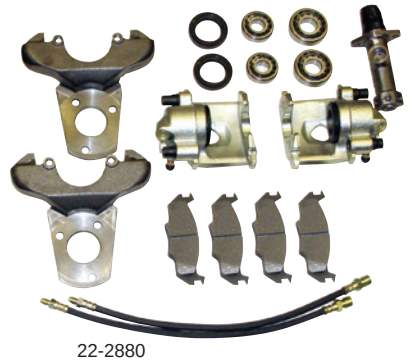
17-2795 Replacement Inner Bearing for 22-2986, 22-2990, and 22-2991 Kit, Each (Fits EMPI Kit Only)
17-2796 Replacement Outer Bearing for 22-2986, 22-2990, and 22-2991 Kit, Each (Fits EMPI Kit Only)

22-2990

ZERO OFF-SET WIDE-5 DISC BRAKE KITS

EMPIs special brake rotor and caliper mounting bracket combine to give you a premium disc brake upgrade, using your existing front spindles, with near Zero offset – no loss of tire clearance. You can have the stopping power of disc brakes and still bolt on your favorite Wide-5 (5x205) wheels without using adapters! Kits come complete with master cylinder, brake lines, wheel bearings & seals and all necessary hardware. Link Pin Kit comes with a Single Master Cylinder with no residual valve and Ball Joint Kits come with a '67 & later Dual Master Cylinder. **These kits will not work with drop spindles – will only work with stock-style, drum brake spindles. Must use with 15" wheels.**

22-2880 Zero Off-Set Front Disc Brake Kit Link Pin, 5-Lug, 5x205 to '65 w/Single M/C
22-2885 Zero Off-Set Front Disc Brake Kit Ball Joint, 5-Lug, 5x205 to '66-67 w/Dual M/C
22-2895 Zero Off-Set Front Disc Brake Kit Ball Joint, 5-Lug, 5x205 to '68 & Later w/Dual M/C



22-2880

22-2961-B Front Brake Rotor, 5/205, Link Pin, to 65, Each
22-2962-B Front Brake Rotor, 5/205, Ball Joint, 66 on, Each

See pg. 299 for information

98-6019-B Dual Master Cylinder, '67 & later (Does not include reservoir), Each
98-6022-B Single Master Cylinder. 22mm (Does not include reservoir), Each

22-2892 Replacement Brake Pad Set for P/N: 22-2880/85/95, Set of 4

DROP SPINDLE DISC BRAKE KITS

Drop your front stance 2 1/2" and add the benefits of disc brakes all in one package. Kits come with all necessary components including rotors, calipers & pads, wheel bearings & seals and hardware. Link Pin kits include brake lines, thrust washers and spindle nuts. Available in 4x130 with14x1.5mm threads, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads and Blank (not drilled) for custom wheel applications. Wheel studs are not included. Spindles are off-set 1/4", which widens your track a total of about 5/8". **Ball Joint Kits require the use of '69 & later tie rod ends. Must use with 15" wheels.**

Check out our TECH VIDEOS LOG ON TO EMPIUS.COM

22-2886

22-2881 Front Disc Brake Kit, Link Pin, 4x130 with 14x1.5mm threads
22-2882 Front Disc Brake Kit, Link Pin, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads
22-2923 Front Disc Brake Kit, Link Pin, Blank (not drilled)

22-2886 Front Disc Brake Kit, Ball Joint, 4x130 with 14x1.5mm threads (Requires 69-on Style Tie Rod Ends)
22-2887 Front Disc Brake Kit, Ball Joint, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads (Requires 69-on Style Tie Rod Ends)
22-2924 Front Disc Brake Kit, Ball Joint, Blank (not drilled) (Requires 69-on Style Tie Rod Ends)

22-2890 Repl. Brake Pad Set for P/N: 22-2881/2882/2886/2887/2923/2924, Set of 4

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

USE DOT3 FLUID ONLY

All bearing races must be PRESSED into rotors.

BALL JOINT DISC BRAKE KITS WITH STOCK-STYLE SPINDLES

The stopping power and safety of Disc Brakes in a bolt-on kit, including new stock-height Ball Joint Spindles. Complete kit includes backing plates, calipers w/pads and rotors. Requires purchase of bearings and seals for 69 and later Type 1 or bearing and seal kit 22-2851. Available in 4x130 with 14x1.5mm threads, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads and Blank (not drilled) for custom wheel applications. Wheel studs are not included. **'66-'68 will require the use of '69 & later tie rod ends. Must use with 15" wheels.**

22-2850

22-2850 Front Disc Brake Kit, Ball Joint
4x130 with 14x1.5mm threads

22-2981 Front Disc Brake Kit, Ball Joint, Double Drilled
5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads

22-2921 Front Disc Brake Kit, Ball Joint
Blank (not drilled)

22-2851 Bearing and Seal Kit (6 pcs.)

22-2890 Replacement Brake Pads, Set of 4

New Double Drilled Brake Rotor Available!

22-2890

98-1153-B Replacement Brake Rotor, 4x130 w/ 14x1.5mm threads, Ea
(Ref. P/N: 113 407 075)

22-2963-7 Repl. Brake Rotor, Double-Drilled
5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads

98-1150-B Replacement Caliper w/ Pads, Each
(Ref. P/N: 311 615 107/8)

22-2851

22-2849-B Replacement Backing Plate, Each
(Ref. P/N: 102 405 593)

Check out our TECH VIDEOS LOG ON TO EMPIUS.COM

See pages 290-293 for all Replacement Rotors

SUPER BEETLE FRONT DISC BRAKE KIT

The stopping power and safety of Disc Brakes in a bolt-on kit. Complete kit includes mounting brackets, calipers w/pads, rotors and two 10" metal brake lines to complete the installation. We recommend the purchase of new bearings and seals. Available in 4x130 with 14x1.5mm threads, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads and Blank (not drilled) for custom wheel applications. Wheel studs are not included. **Must use with 15" wheels.**

22-2855

22-2855 S/B Front Disc Brake Kit
4x130 with 14x1.5mm threads

22-2982 S/B Front Disc Brake Kit, Double Drilled
5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads

22-2922 S/B Front Disc Brake Kit, Blank (not drilled)

22-2851 Bearing and Seal Kit (6 pcs.)

22-2890 Replacement Brake Pads, Set of 4

New Double Drilled Brake Rotor Available!

22-2851

98-1153-B Replacement Brake Rotor, 4x130 with 14x1.5mm threads
(Ref. P/N: 113 407 075)

22-2963-7 Repl. Brake Rotor, Double-Drilled
5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads

98-1150-B Replacement Caliper w/ Pads, Each
(Ref. P/N: 311 615 107/8)

See pages 290-293 for all Replacement Rotors

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

All bearing races must be PRESSED into rotors.

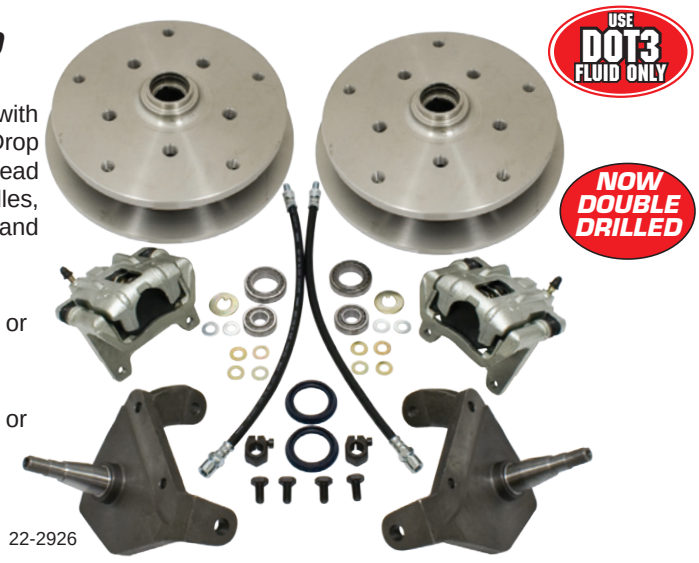
2 1/2" DROP SPINDLE 5/205 & 5/130 FRONT DISC BRAKE KITS

A dropped front stance and classic 5/205 wheels combined with modern brake technology. That's what you'll get with EMPI's Drop Spindle 5/205 brake kit. Double drilled 5x130 with 14x1.5mm thread and 5/205 with 12 x 1.5mm thread rotors. Kit includes spindles, calipers, pads, hoses, bearings, grease seals, clamp nuts, and hardware. **Widens your track a total of about 5/8"**.

22-2925 Drop Spindle 5/205 Front Disc Brake Kit, Double Drilled 5/130 with 14x1.5mm threads or 5/205 with 12x1.5mm threads, Link Pin

22-2926 Drop Spindle 5/205 Front Disc Brake Kit, Double Drilled 5/130 with 14x1.5mm threads or 5/205 with 12x1.5mm threads, Ball Joint (Requires 69-on Style Tie Rod Ends)

See pages 290-293 for Replacement Rotors.



22-2926

ZERO OFF-SET WIDE-5 REAR DISC BRAKE KITS – WITH EMERGENCY BRAKE

An affordable and durable alternative to billet racing brakes is here! No need for adapters if you want to run wheels with the early VW 5 on 205 bolt pattern. The 1 pc. rotor design of these brake kits offers a bolt on kit to upgrade a street car to rear wheel disc brakes, or an off-road play car the option to have a firm and responsive brake system without needless extra parts to get in the way. All kits come complete with 1-piece rotors, calipers, pads, mount brackets, emergency brake cables and all necessary hardware and gaskets to complete the installation. Deluxe kits feature heavy duty cast brackets. Order Deluxe kits by choosing the '-F' part number.

If you do not want an Emergency Brake, install without cables. Must use with 15" wheels.

Check out our TECH VIDEOS LOG ON TO EMPIUS.COM

5 LUG (5/205) DISC BRAKES WITH E-BRAKE

22-2905 Zero Off-set Wide-5x205 Rear Disc Brake Kit w/E-Brake, Swing Axle, 58-67

22-2905-F DELUXE Zero Off-set Wide-5 Rear Disc Brake Kit w/E-Brake Swing Axle, 58-67, Cast Brackets

22-2906 Zero Off-set Wide-5x205 Rear Disc Brake Kit w/E-Brake, I.R.S., 68-72, Swing Axle '68

22-2906-F DELUXE Zero Off-set Wide-5x205 Rear Disc Brake Kit w/E-Brake, I.R.S., 68-72, Swing Axle '68, Cast Brackets

22-2907 Zero Off-set Wide-5x205 Rear Disc Brake Kit w/E-Brake, I.R.S., 73 & Later

22-2907-F DELUXE Zero Off-set Wide-5x205 Rear Disc Brake Kit w/E-Brake, I.R.S., 73 & Later, Cast Brackets

22-2891 Pads for Forged Bracket Kits

22-2972-B Replacement Rear Brake Rotor, 5/205, Each 12 x 1.5mm threads (I.R.S. requires P/N: 22-5281-7 Spacer)

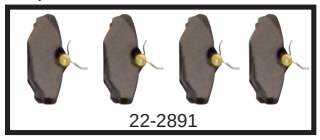
22-5281-7 Replacement Spacer for I.R.S. Rotor, Each (Ref. P/N: 111 501 303B)

Steel Brackets

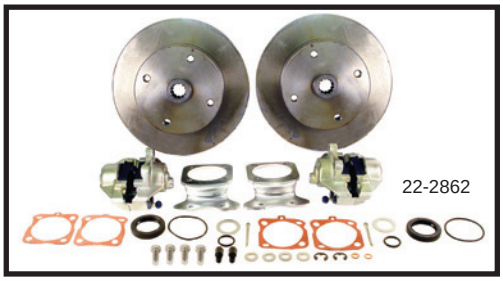
22-2906

HD Cast Brackets "F" Kits

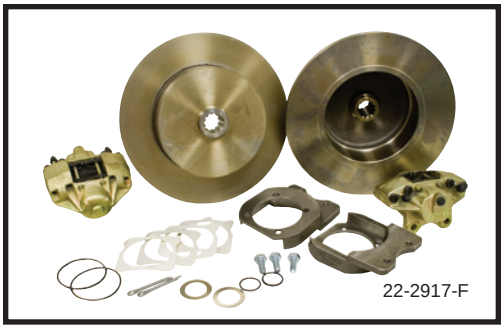
22-2905-F


22-2891

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.


22-2862

22-2910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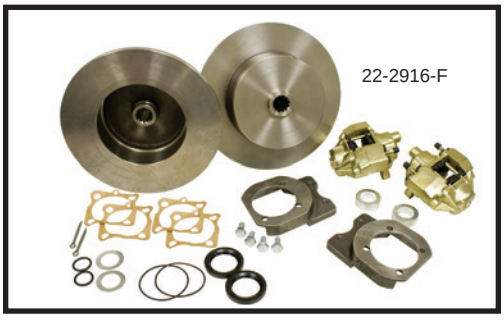
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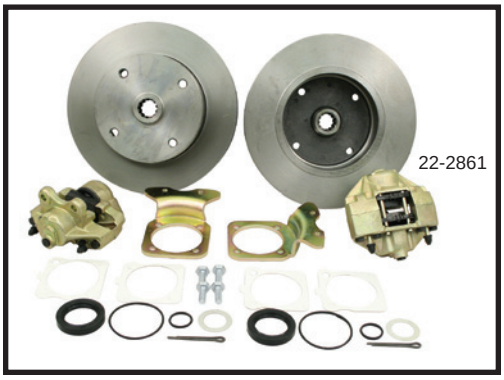

22-2861

REAR DISC BRAKE KITS – WITHOUT EMERGENCY BRAKE

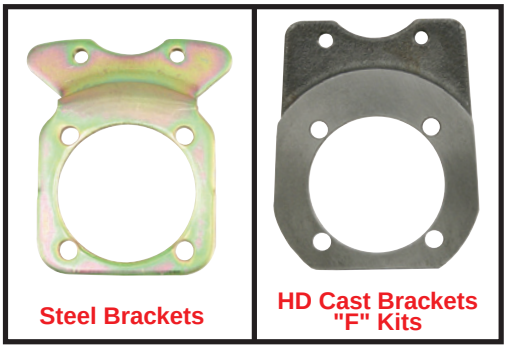
All bearing races must be PRESSED into rotors.

For off-road and play cars where emergency brake provisions are not required, we offer these brake kit options. Standard kits feature stamped steel brackets while our Deluxe kits feature heavy duty cast brackets. Order Deluxe kits by choosing the '-F' part number. All kits feature O.E. style brake calipers that make poor brake performance a thing of the past. Available in 4x130 with14x1.5mm threads, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads and Blank (not drilled) for custom wheel applications. All kits include rotors, calipers w/pads, mounting brackets and hardware. **Wheel studs are NOT included. Must use with 15" wheels. To order the DELUXE kits with H.D. cast mounting brackets, add "F" to the part number.**

22-2862	Rear Disc Brake Kit, 4x130 with14x1.5mm threads Swing Axle, 58-67
22-2862-F	DELUXE Rear Disc Brake Kit, 4x130 with14x1.5mm threads Swing Axle, 58-67, Cast Brackets
22-2910	Rear Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads 5x4.75" with 12mm threads, Swing Axle, 58-67
22-2910-F	DELUXE Rear Disc Brake Kit Double-Drilled 5x130 with 14x1.5mm threads, 5x4.75" with 12mm threads, Swing Axle, 58-67, Cast Brackets
22-2917	Rear Disc Brake Kit, I.R.S., Blank (not drilled) Swing Axle, 58-67
22-2917-F	DELUXE Rear Disc Brake Kit, Blank (not drilled) Swing Axle, 58-67, Cast Brackets
22-2861	Rear Disc Brake Kit, 4x130 with14x1.5mm threads I.R.S. 68 & later & Swing Axle 68
22-2861-F	DELUXE Rear Disc Brake Kit, 4x130 with14x1.5mm threads I.R.S. 68 & later & Swing Axle 68, Cast Brackets
22-2911	Rear Disc Brake Kit, Double-Drilled 5x130 with14x1.5mm threads, 5x4.75" with 12mm threads, I.R.S. 68 & later & Swing Axle 68
22-2911-F	DELUXE Rear Disc Brake Kit Double-Drilled 5x130 with 14x1.5mm threads, 5x4.75" with 12mm threads, I.R.S. 68 & later & Swing Axle 68 Cast Brackets
22-2916	Rear Disc Brake Kit, I.R.S., Blank (not drilled) I.R.S. 68 & later & Swing Axle 68
22-2916-F	DELUXE Rear Disc Brake Kit, Blank (not drilled) I.R.S. 68 & later & Swing Axle 68, Cast Brackets

DOUBLE DRILLED

See pages 290-293 for Replacement Rotors
See pages 293-295 for Replacement Pads


Steel Brackets

HD Cast Brackets "F" Kits

USE DOT3 FLUID ONLY

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

REAR DISC BRAKE KITS – WITH EMERGENCY BRAKE

All bearing races must be PRESSED into rotors.

For Street Cars where emergency brake provisions are required, we offer these brake kit options. Standard kits feature stamped steel brackets while our Deluxe kits feature heavy duty cast brackets. Order Deluxe kits by choosing the '-F' part number. All kits feature O.E. style brake calipers that make poor brake performance a thing of the past. Available in 4x130 with14x1.5mm threads, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads and Blank (not drilled) for custom wheel applications. All kits include rotors, calipers w/pads, mounting brackets and hardware. **Wheel studs are NOT included. Must use with 15" wheels. To order the DELUXE kits with H.D. cast mounting brackets, add "F" to the part number.**

22-2865 Rear Disc Brake Kit, 4x130 with 14x1.5mm threads, Swing Axle, 58-67
22-2865-F DELUXE Rear Disc Brake Kit, 4x130 with 14x1.5mm threads, Swing Axle, 58-67, Cast Brackets

22-2912 Rear Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads, Swing Axle, 58-67
22-2912-F DELUXE Rear Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads Swing Axle, 58-67, Cast Brackets

22-2918 Rear Disc Brake Kit, Blank (not drilled), Swing Axle, 58-67
22-2918-F DELUXE Rear Disc Brake Kit, Blank (not drilled), Swing Axle 58-67, Cast Brackets

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22-2870 Rear Disc Brake Kit, 4x130 with 14x1.5mm threads, I.R.S. 68-72 & Swing Axle 68
22-2870-F DELUXE Rear Disc Brake Kit, 4x130 with 14x1.5mm threads, I.R.S. 68-72 & Swing Axle 68, Cast Brackets

22-2913 Rear Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads I.R.S. 68-72 & Swing Axle 68
22-2913-F DELUXE Rear Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads I.R.S. 68-72 & Swing Axle 68, Cast Brackets

22-2919 Rear Disc Brake Kit, Blank (not drilled), I.R.S. 68-72 & Swing Axle 68
22-2919-F DELUXE Rear Disc Brake Kit, Blank (not drilled), I.R.S. 68-72 & Swing Axle 68, Cast Brackets

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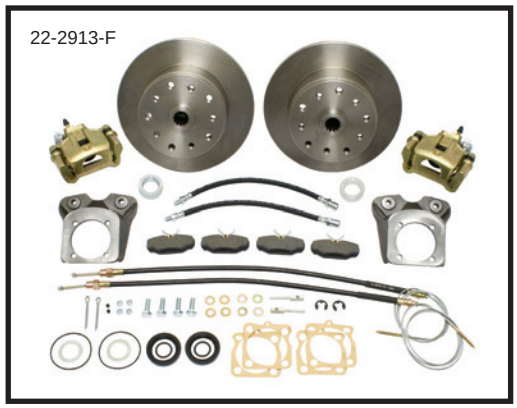
22-2871 Rear Disc Brake Kit, 4x130 with 14x1.5mm threads, I.R.S. 73-79
22-2871-F DELUXE Rear Disc Brake Kit, 4x130 with 14x1.5mm threads, I.R.S. 73-79, Cast Brackets

22-2914 Rear Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5x4.75" with 12mm threads, I.R.S. 73-79
22-2914-F DELUXE Rear Disc Brake Kit, Double-Drilled 5x130 with 14x1.5mm threads / 5X4.75" with 12mm threads, I.R.S. 73-79, Cast Brackets

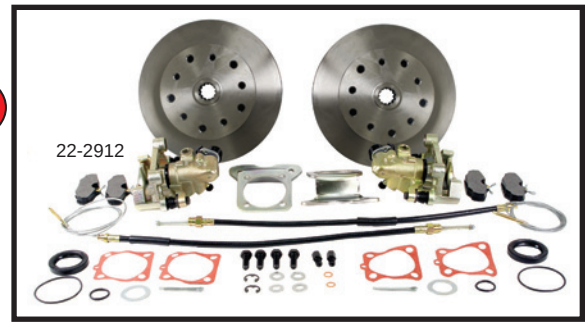
22-2920 Rear Disc Brake Kit, Blank (not drilled), I.R.S. 73-79
22-2920-F DELUXE Rear Disc Brake Kit, Blank (not drilled), I.R.S. 73-79, Cast Brackets

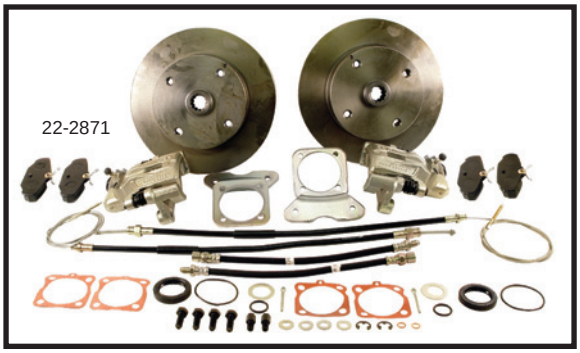
See pages 290-293 for Replacement Rotors
See pages 293-295 for Replacement Pads

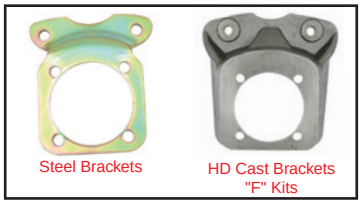


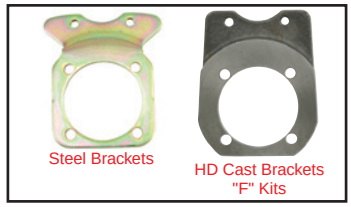
DOUBLE DRILLED

USE DOT3 FLUID ONLY









WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

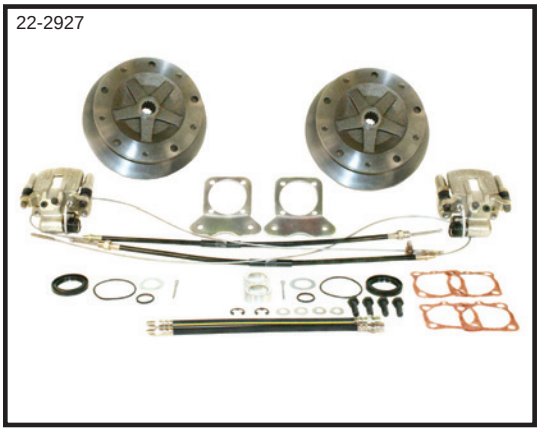
USE DOT3 FLUID ONLY

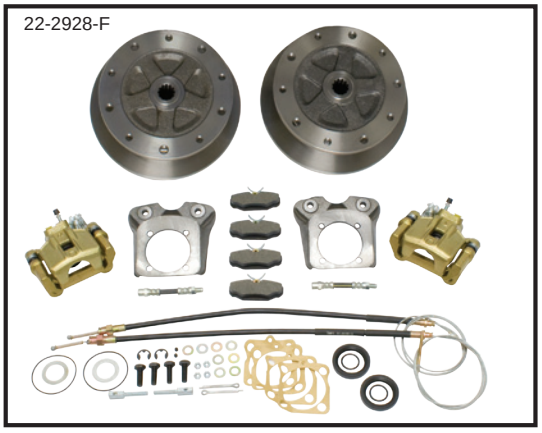
All bearing races must be PRESSED into rotors.

WIDE TRACK REAR DISC BRAKE KITS with 5/205 ROTORS

Our "Wide Track" rear disc brake kits are for Off-Roaders who are looking to increase their rear wheel "track". Kits are available with, or without emergency brakes, and come complete with 1-piece minimum offset 1" extra wide rotors, calipers, pads, mounting brackets, emergency cables (where applicable), and all necessary hardware and gaskets for the complete installation. Rotors are threaded for 12mm and 14mm studs. **To order the DELUXE kits with H.D. cast mounting brackets, add "F" to the part number.**

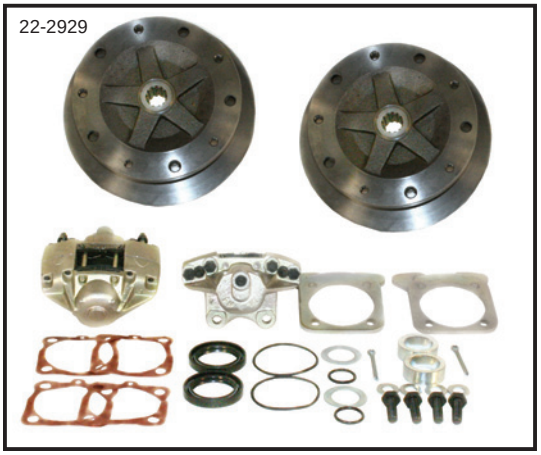
22-2927	Wide Rear Disc Brake Kit w/ E-Brake, 5/205, I.R.S. 68-72, S/Axle 1968
22-2927-F	DELUXE Wide Rear Disc Brake Kit w/ E-Brake, 5/205, I.R.S. 68-72, S/Axle 1968, Cast Brackets
22-2928	Wide Rear Disc Brake Kit w/ E-Brake, 5/205, Swing Axle 58-67
22-2928-F	DELUXE Wide Rear Disc Brake Kit w/ E-Brake, 5/205, Swing Axle 58-67, Cast Brackets
22-2929	Wide Rear Disc Brake Kit w/o E-Brake, 5/205, I.R.S. 68 & Later, Swing Axle 1968
22-2929-F	DELUXE Wide Rear Disc Brake Kit w/o E-Brake, 5/205, I.R.S. 68 & Later, Swing Axle 1968, Cast Brackets
22-2930	Wide Rear Disc Brake Kit w/o E-Brake, 5/205, Swing Axle 58-67
22-2930-F	DELUXE Wide Rear Disc Brake Kit w/o E-Brake, 5/205, Swing Axle 58-67, Cast Brackets
22-2973-B	Replacement Rotor, 5/205, 12 x 1.5mm, Rear Wide Track, Each I.R.S., Requires 22-5281-7 Spacer

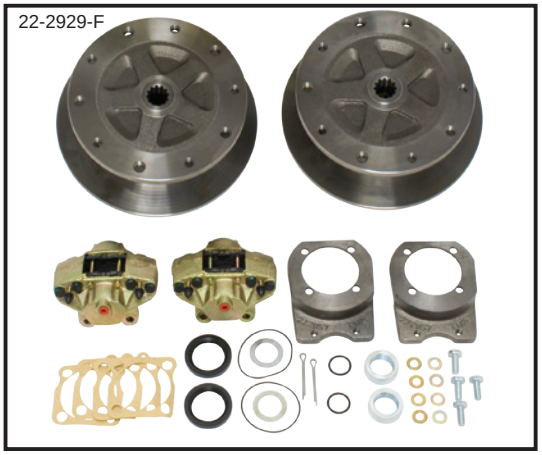




Steel Brackets

HD Cast Brackets "F" Kits





Steel Brackets

HD Cast Brackets "F" Kits

EMPI FRONT DISC BRAKE KITS FOR TYPE 2

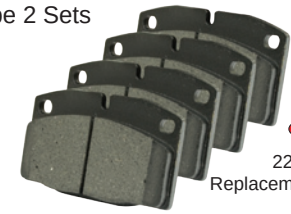
Kits are supplied with virtually everything needed to convert the front brakes on your Type 2 disc to brakes. All bearing races are installed into rotors. See instructions (P/N 99-4439-0) supplied in the brake kit for details including the change in the vehicles track width. These kits will not work with P/N 22-2948 EMPI Drop Spindles.

22-2935	NEW!	Front Disc Brake Kit, Type 2, 1955-1963 LH & RH Drive
22-2937	NEW!	Front Disc Brake Kit, Type 2, 1964-1966 LH & RH Drive
22-2938	NEW!	Front Disc Brake Kit, Type 2, 1967 Only LH Drive Only
22-2940	NEW!	Front Disc Brake Kit, Type 2, 1968-1970 LH Drive Only
22-2935-3	NEW!	Replacement Brake Pads for Type 2 Sets
22-2934	NEW!	Master Cylinder Conversion Kit

22-2934
NEW!

22-2934 Installed with Master Cylinder

NEW!


NEW!
22-2935-3
Replacement Brake Pads

USE DOT3 FLUID ONLY

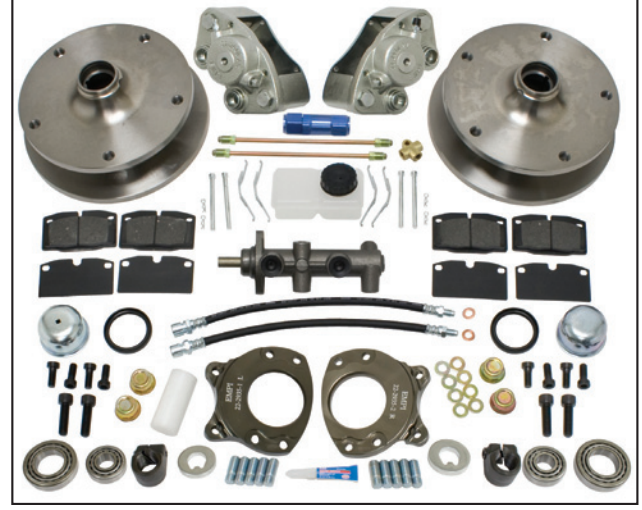
TYPE 2

NEW! **Part # 22-2935-0 (55-63 Model Years, LH and RH Drive)**

NEW! **Part # 22-2937-0 (64-66 Model Years, LH and RH Drive)**

NEW! **Part # 22-2938-0 (1967 Model Year, LH Drive Only)**

NEW! **Part # 22-2940-0 (68-70 Model Years, LH Drive Only)**



WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

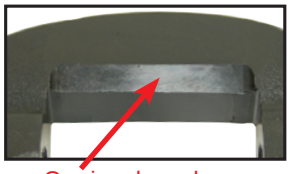
EMPI FORGED H.D. KING PIN SPINDLE KIT

Complete Spindle, Knuckle and Pin set with beefed up Forged spindles. Gussets forged into the spindle and steering arm for added strength. Great for your Baja or Buggy. FORGED Gussets built into the spindle and steering arm. Gussets on the knuckles have been machined for steering clearance. Grease fittings are installed. The speedometer cable passes through a hole that is in the left side spindle. Set up for stock link pins.

22-2976 FORGED H.D. King Pin Spindle Kit

22-2977 NEW! FORGED H.D. Link / King Pin Carriers Only, Pair

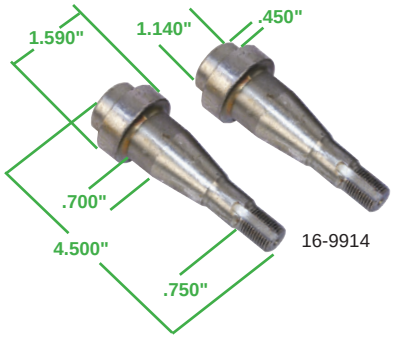
22-2976 (Kit)



Carriers have been machined for steering clearance. This increases the steering angles.

NEW DESIGN

22-2977 (Pair) NEW!



16-9914

REPLACEMENT PRESS IN BALL JOINT SPINDLES

Available for ball joint only. Machining required. Sold in pairs. Right and left hand thread. Left side is drilled for speedo cable.

16-9914 Replacement Ball Joint Spindle, Pair

PORSCHE 356 FRONT DISC BRAKE CONVERSION

PORSCHE 356

USE DOT3 FLUID ONLY

Convert your Porsche 356 from drum to disc brakes with our EMPI disc brake conversion kit. Featuring heavy duty brackets that bolt directly onto your stock spindles, then calipers to the brackets. The kit comes complete with rotors, calipers, brackets, master cylinder, bearings, seals, brake pads, hoses and all related hardware. All bearing races are installed into rotors. These kits will only work with stock-style, drum brake spindles.

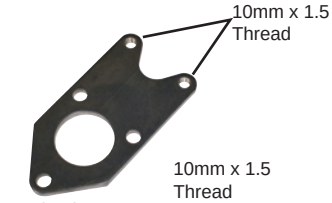
22-2996 NEW!

22-2996 NEW! Front Disc Brake Kit, Porsche 356

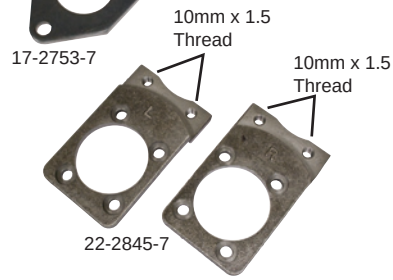
22-2967-B NEW! Replacement Front Rotor, 5/205, 14mm x 1.5mm threads Kit 22-2996-0 Porsche 356

22-2994 NEW! Replacement Brake Pads, Kit 22-2996-0 Porsche 356

COMPONENTS USED IN EMPI BRAKE KITS

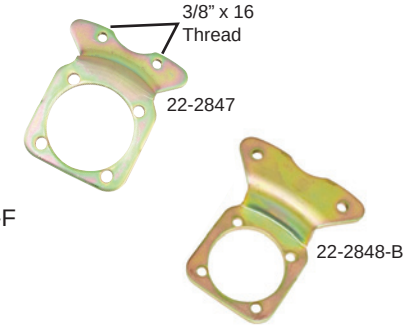


17-2753-7 Bulk Brake Bracket, Ea
Brackets used in the following Brake Kits, Right and Left are the same. Sold Each in Bulk
For Kit P/N: 22-2986, 22-2990 and 22-2991



22-2845-7 Bulk Cast Brake SB Bracket, Pr
Brackets used in the following Brake Kits, Right and Left are different. Sold in Pairs, Bulk
For Kit P/N: 22-2855, 22-2922 and 22-2982

22-2847 Bulk Brake Bracket, Ea
Brackets used in the following Brake Kits, Right and Left are the same. Sold Each in Bulk
For Kit P/N: 22-2861, 22-2862, 22-2910, 22-2911, 22-2916, 22-2917, 22-2929 and 22-2930



22-2848-B Bulk Brake Bracket, Ea
Brackets used in the following Brake Kits, Right and Left are the same. Sold Each in Bulk
For Kit P/N: 22-2865, 22-2870, 22-2871, 22-2905, 22-2906, 22-2907, 22-2912, 22-2913, 22-2914, 22-2918, 22-2919, 22-2920, 22-2927 and 22-2928

22-2857 Bulk Cast Brake Bracket, Ea
Brackets used in the following Brake Kits, Right and Left are the same. Sold Each in Bulk
For Kit P/N: 22-2861-F, 22-2862-F, 22-2910-F, 22-2911-F, 22-2916-F, 22-2917-F, 22-2929-F and 22-2930-F

22-2863 Bulk Cast Brake Bracket, Ea
Brackets used in the following Brake Kits, Right and Left are the same. Sold Each in Bulk
For Kit P/N: 22-2865-F, 22-2870-F, 22-2871-F, 22-2905-F, 22-2906-F, 22-2907-F, 22-2912-F, 22-2913-F, 22-2914-F, 22-2918-F, 22-2919-F, 22-2920-F, 22-2927-F and 22-2928-F

22-2880-B Bulk Cast Brake Bracket, Pr
Brackets used in the following Brake Kit, Right and Left are different. Sold in Pairs, Bulk
For Kit P/N: 22-2880

22-2885-B Bulk Cast Brake Bracket, Pr
Brackets used in the following Brake Kits, Right and Left are different. Sold in Pairs, Bulk
For Kit P/N: 22-2885 and 22-2895

22-2975-7 Bulk Cast Brake Bracket, Ea
Brackets used in the following Brake Kits, Right and Left are the same. Sold Each in Bulk
For Kit P/N: 22-2983, 22-2984 and 22-2985

99% of the calls we received concerning problems with brake installation comes down to 1 problem...**AIR IN THE LINES**.
Tech Tip: After having bled the brake system 2 or 3 times…a spongy pedal, pads dragging, etc., is almost always caused by air being trapped in the in the system.

Be sure to Bench Bleed a new master cylinder if installed. There are a few different '1-Man Bleeders' available - Mityvac and others. Use our new Quick Bleeders...make it easy on yourself and your helpers.

If installing new Disc Brake Calipers, rotate them to where the bleeder is around 12 O'Clock for bleeding...easier to get the air going straight up...then rotate them into position when you are done.

When all else fails, take the car to a professional for bleeding and adjusting. Small price to pay if you do not have the patience!

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

RACE-TRIM MICRO STUB BRAKE KITS

State of the art suspension is just one step away! Micro-stub brake systems are necessary if you are going to use a rear suspension that is different from a VW style trailing arm arrangement. This Race-Trim kit utilizes the best of the best in both components and materials used. 4-piston fixed brake calipers, vented rotors, forged chromoly stub axles, forged hub assemblies, 6061 T-6 aluminum alloy rotor hats & wheel adapters. This combination gives you the winning edge, whether it's for racing or just an all out turbo long-travel sand car! Kits come complete ready for fab-in installation and are sold as a set. In addition we also offer a Micro-Arm flange tube to facilitate installation of the Race-Trim Micro Stub brake kit to a tubular trailing arm. Bolt pattern is 5 on 205.

16-2510 Race-Trim Micro Stub Brake Kit, for 930 C.V. Joints
16-2511 Race-Trim Micro Stub Brake Kit, for 934 C.V. Joints

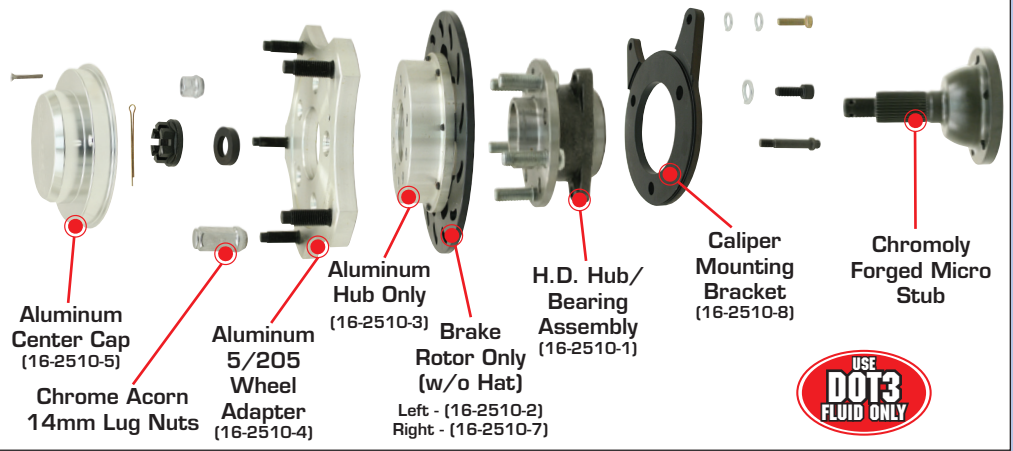
16-2516 Mount Tube Only for Race-Trim Micro Stub Kit, Pair
(Not included in brake kits) See picture on page 283

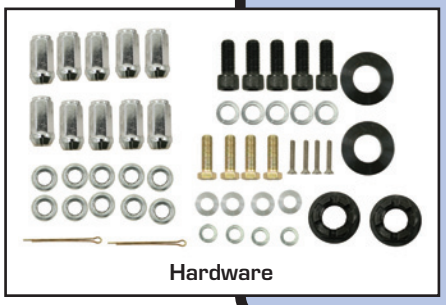
Race Trim

Caliper (16-2525-7)

Brake Pad (16-2525-6)

EXPLODED VIEW - SEE PAGE 283 FOR MORE DETAILS




Hardware

- (2) Micro-Stubs
- (2) Center Caps
- (2) Hub/Bearing Assemblies
- (2) Brake Rotor/Hat Assemblies
- (2) Wheel Adapters 5/205
- (2) Caliper Mounting Brackets
- (2) Brake Calipers (Pads Seperate)
- (2) Axle Nuts M24x1.5
- (4) 3/8-24 x 2 Bolts
- (4) 3/8 Flat Washers
- (4) 3/8 Lock Washers
- (10) Chrome 14mm Lug Nuts
- (10) 14mm Open End Lug Nuts
- (6) 12mm Socket Screws
- (6) 12mm Lock Washers
- (2) Cotter Pins
- (4) 10-24 Socket Screws
- (2) Thrust Washers
- (4) Brake Pads
- (12) C.V. Bolts

FORGED 1 PIECE CHROMOLY MICRO-STUB AXLES

Leading manufacturers of high performance, off-road and drag racing drivetrains will tell you that a forged 4340 chromoly part is better and stronger than 300m from billet. Our 930 and 934 micro stub axles are 1.490" diameter, 33 spline (equivalent to a 2500 G.M. truck). We use 4340 chromoly forgings which are then 100% CNC machined. The splines are cold formed/rolled rather than cut and extend the entire length of the shaft, opposed to being "back cut". The inner portion of flange has a very deep radius. Hardened axle nut washers are included. Both parts are black oxided.

16-2310 Microstub Axle w/ washer for 930 C.V. Joint, Each
16-2311 Microstub Axle w/ washer for 934 C.V. Joint, Each

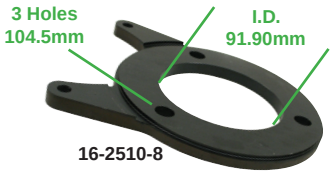
For more information on this micro stub brake kit, please refer to the next page.

16-2510-1

HUB/ BEARING ASSEMBLY

The Race-Trim hub / bearing assembly features a 33 spline 1.490" center section with sealed, heavy duty bearing and 14mm pressed in grade 10.9 studs (equivalent to a 2500 G.M. truck). The bolt pattern is 5 on 4.750". The bearing is not replaceable.

16-2510-1 Replacement Hub Bearing Assembly, Each

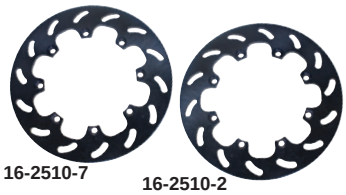


16-2510-8

MOUNTING BRACKETS

The black oxided caliper mounting brackets are supplied with the kit. These brackets are .390" thick with a machined groove to properly register the optional chassis mounting tubes.

16-2510-8 Replacement Bracket, Each


16-2510-7 16-2510-2

11 1/4" VENTED BRAKE ROTOR

The .360" thick, 11.250" diameter rotor which is blanchard ground and black oxided, is bolted to a .460" thick aluminum hub assembly with 5/16" grade 8 bolts. The hub is machined with a receiver groove to mate with the wheel adapter. Rotor only, is sold seperately w/o the hat.

16-2510-2 Replacement Left Rotor Only, Each
16-2510-7 Replacement Right Rotor Only, Each

16-2510-3

REPLACEMENT ALUMINUM HUB

16-2510-3 Replacement Aluminum Hub, Each

16-2510-4

ALUM. 6061-T6 WHEEL ADAPTER

The .650" thick wheel adapter allows you to utilize the 5/205 bolt pattern wheels that are available in the market today. It is machined to integrate into the rotor and hub/bearing assemblies to create a solid braking unit. The 14mm studs are pressed in.

16-2510-4 Replacement Wheel Adapter, Each

16-2525-7

WILWOOD HIGH PERFORMANCE CALIPERS

We include Wilwood 4-piston fixed calipers, long recognized as a leader in competition disc brakes. Calipers feature 4 Stainless Steel Pistons. Poly Matrix Competition Pads sold seperately.

16-2525-7 Replacement Caliper, w/o Pads, Each
16-2525-6 Replacement Pads, Two Pair

16-2525-6

16-2510-5

WHEEL ADAPTER CENTER CAP

A satin finish aluminum center cap is attached to the center of the wheel adapter by two 10-24 stainless steel counter sunk allen screws. The Race-Trim logo is engraved in the center giving the kit that finished looked.

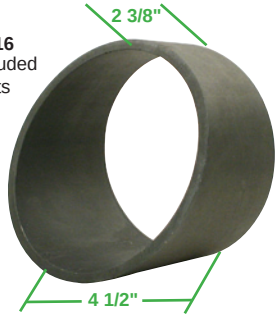
16-2510-5 Replacement Cap, Each

16-2413 (930 C.V.)
16-2414 (934 C.V.)

930 AND 934 C.V. BOLTS

Both micro stubs are supplied with the necessary C.V. bolts.

16-2413 Repl. 3/8" x 24, 12 point, grade 8 (930), 6 pcs.
16-2414 Repl. 7/16" x 20, 12 point shouldered, grade 10.9 (934), 6 pcs.



16-2516
Not Included
in Kits

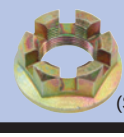
HARDWARE / CHASSIS MOUNT TUBE

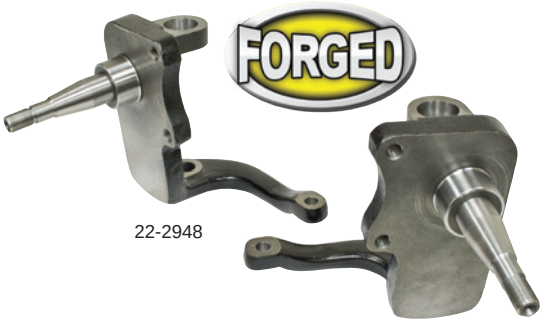
The optional 6.500" diameter mount tubes are the popular choice of fabricators and chassis builders. They are a thick wall, angle cut piece that registers into the pre-cut groove on the caliper bracket providing a gap free fit for welding. This allows you to weld on the appropriate tabs and brackets.

16-2516 Mounting Tubes Only, Pair

SPINDLE NUT

16-2421 Spindle Nut M24 x 1.5, Each
(Bulk P/N: 311 501 221)


16-2421 Nut
(Sold Separately)



22-2948

EMPI 68-79 TYPE 2 DROP SPINDLES

Brand New – not re-manufactured Drop Spindles to lower your Bus 2". Lower your front end 2" while keeping the same suspension geometry and maintaining the stock ride. Designed to replace your original spindles without modification. Fits 68 to 79 but requires the use of 73 & Later Brake Components. These Spindles widen your track by approximately 3/4" per side. To build a disc brake kit for 68-70 Bus, all items are required. For 71-72 Bus, only the spindle, rotors, calipers with pads and bolts are required. For 73-79 Bus, only the spindles, calipers with pads and bolts are required.

Stock / OEM 14" Wheel or EMPI 5x112 Wheels will fit:
10-1082 Gasser, 10-1084 Cosmo, 9731 / 9697 BRM, 9694 / 9728 911 Alloy, 9749 Dish, 9662 / 9696 / 9695 GT-5

22-2948 Bus 2" Drop Spindles, Pair, 68-79 Type 2
(Must use 73 & Later Brake Components)

18-1014

TYPE 2 BRAKE ROTOR – FRONT

Hi-Quality replacement Front Brake Rotor for 73-79 or Disc Brake Conversion for 68-79 Bus.

18-1014 Brake Rotor, Front, Type 2, 73-79, Each
(Ref. P/N: 211 615 301B)

18-1019

TYPE 2 FRONT HUB ASSEMBLY

Replacement Front Hub Assembly for 71-79 Bus or Disc Brake Conversion for 68-79 Bus.

18-1019 Front Hub Assembly, Type 2, 71-79, Each
(Ref. P/N: 211 405 579)

18-1035

TYPE 2 FRONT GREASE SEAL - INNER

Front Grease Seal for 68-79 Bus/Transporter. Pressed into Brake Drum or Hub Assembly (Disc Brakes).

18-1035 Grease Seal, Front, Type 2, 68-79, Each
(Ref. P/N: 211 405 641D)

98-4620-B

TYPE 2 FRONT WHEEL BEARING - INNER

Front Inner Wheel Bearing for 64-79 Bus/Transporter.

98-4620-B Inner Wheel Bearing, Front, Type 2, 64-79, Each
(Ref. P/N: 211 405 625)

98-4623-B

TYPE 2 FRONT WHEEL BEARING - OUTER

Front Outer Wheel Bearing for 64-79 Bus/Transporter.

98-4623-B Outer Wheel Bearing, Front, Type 2, 64-79, Each
(Ref. P/N: 211 405 645D)

TYPE 2 BOLT - BRAKE ROTOR TO HUB

8.8 Grade Socket Head M8X20 Bolt for Rotor to Hub. Replacement for 73-79 or for Disc Brake Conversion for 68-79 Bus. Zinc Plated.

99-4372 Bolt – Rotor to Hub, Type 2, 73-79, Each
(Ref. P/N: N0147791)

TYPE 2 MASTER CYLINDER & RESERVOIR KIT

This Type 2 Brake Cylinder comes with a Reservoir that attaches directly for easy installation. No adaptors or spacers – this Master Cylinder was designed for the reservoir. Perfect for replacement for 73-79 Bus with no need to source a stock reservoir or for your 68-79 Disc Brake Conversion. Without Servo/Power Brakes, 23.8mm Bore. This Master Cylinder does not have an internal residual valve. May require some modification.

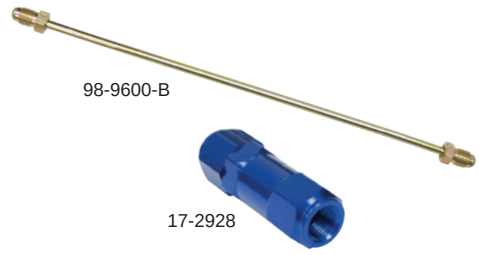
18-1033 Master Cylinder & Reservoir Kit, Dual Circuit
Type 2, 73-79, Each

TYPE 2 BRAKE LINE 260MM (10.25")

260mm Brake Line when needed for Type 2 Disc Brake Conversion for 68-79 Bus / Transporter.

98-9600-B Steel Brake Line, 260mm (10.25"), Each
(Ref. P/N: 113 611 735D)

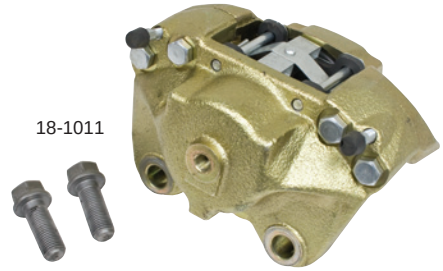
17-2928 2 PSI METRIC Residual Pressure Valve (Aluminum)
Easy Installation with 10mm x 1.0 Female Metric Threads on each end.



TYPE 2 FRONT BRAKE CALIPER – UNIVERSAL LEFT/RIGHT

This Type 2 Front Brake Caliper is universal and fits both Left and Right sides. Comes loaded with Brake Pads, designed with the brake line port in the center and the shoulder bolt has been replaced by 2 standard bolts for easy installation as replacement for 73-79 Bus or Disc Brake Conversion Kit for 68-79 Bus using our 22-2948 Drop Spindles.

18-1011 Front Brake Caliper w/Pads and Bolts,
Type 2 73-79, Vanagon 80-85, Each
(Ref. P/N: 211 615 107/108)



TYPE 2 REPLACEMENT BRAKE PADS

Front Replacement Brake Pads for 73-79 Bus.

18-1013 Front Brake Pads, Type 2, 73-79, Vanagon 80-85, Set
(Ref. P/N: 251 698 151A)

TYPE 2 STEERING DAMPER

Replacement Steering Damper for 55-79 Bus/Transporter.

98-4253-B Steering Damper, Type 2, 55-79, Each
(Ref. P/N: 211 425 021A)

99% of the calls we received concerning problems with brake installation comes down to 1 problem...**AIR IN THE LINES**.
Tech Tip: After having bled the brake system 2 or 3 times…a spongy pedal, pads dragging, etc., is almost always caused by air being trapped in the in the system.

Be sure to Bench Bleed a new master cylinder if installed. There are a few different '1-Man Bleeders' available - Mityvac and others. Use our new Quick Bleeders...make it easy on yourself and your helpers.

If installing new Disc Brake Calipers, rotate them to where the bleeder is around 12 O'Clock for bleeding...easier to get the air going straight up...then rotate them into position when you are done.

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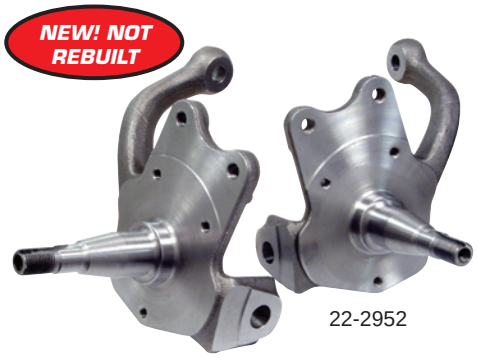


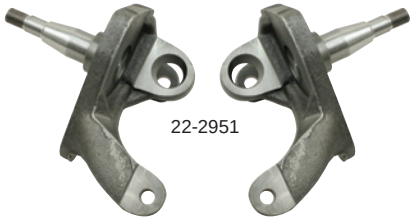
22-2952

DISC BRAKE SPINDLES (STOCK BALL JOINT)

A welcomed addition when rebuilding your ball joint front end with disc brakes. These all new cast spindles are precision ground and accept 69-on bearings, seals and tie rods. The left side is drilled for the speedo cable. **NEW, NOT RE-BUILT**

22-2952 New Spindles, Stock Ball Joint, For 4/130, Pair
(Ref. P/N: 113 405 311D/2D)

22-2950


22-2951

2 1/2" DROP SPINDLES FOR LINK PIN & BALL JOINT, DRUM AND DISC BRAKE FRONT ENDS

EMPI cast drop spindles are brand new units, not re-manufactured old cores! CNC machined to exact tolerances. These spindles feature 1/4" outwards offset. Clearance is usually not an issue. Made only for 4-Lug VW (4/130) and 5-Lug Porsche (5/130) disc brake applications. These spindles are the first step to a brake system upgrade while giving you the built-in ability to lower your car an automatic 2 1/2" just by bolting them on. Link Pin spindles utilize stock tie rod holes while the ball joint spindles require 69-on inner wheel bearings and tie rod ends. Both spindles use original steering geometry so the ride and handling of the car is not negatively effected.

22-2950 2 1/2" Drop Spindle, Link Pin,
Disc Brake for 4/130 & 5/130, Pr.

22-2951 2 1/2" Drop Spindle, Ball Joint,
Disc Brake for 4/130 & 5/130, Pr.
(Requires 69-on Style Tie Rod Ends)

22-2858
Drum

22-2858 2 1/2" Drop Spindle, Link Pin,
Drum Brake, to 65, For 5/205, Pr.

22-2859
Drum

22-2859 2 1/2" Drop Spindle, Ball Joint,
Drum Brake, 66-77, For 5/205 and 4/130, Pr.
(Requires 69-on Inner Wheel Bearings and Tie Rod Ends)

22-2955

REPLACEMENT 2 1/2" DROP SPINDLES

Replacement 2 1/2" Cast Drop Spindles for P/N 22-2925 and P/N 22-2926 5x205 Disc Brake Kits. Driver side is drilled for the speedo cable.

22-2955 Replacement Drop Ball Joint Spindles (5x205), Pair
22-2954 Replacement Drop Link Pin Joint Spindles (5x205), Pair

WHEEL BEARINGS, SEALS, BEARING SPACERS & SNAP RINGS

102 405 593		**22-2849-B**	Front Disc Brake Backing Plate, Each
211 405 625		**98-4620-B**	Front Inner Wheel Bearing, Type 2, 64-79, Each
311 405 625		**98-4622-B**	Front Inner Wheel Bearing, Type 1 & 3, 66-68, Each
311 405 625B		**98-1154-B**	Front Inner Wheel Bearing, Type 1 & 3, 69-on, Each
111 405 627		**98-4626-B**	Front Inner Wheel Bearing, Type 1, thru 65, Each Also Fits Front Outer Wheel Bearing, Type 2, thru 63, Each
211 405 631	NEW!	**98-4039-B**	Wheel Bearing Spacer, Type 2, 55-63, Each
111 405 631B		**98-4046-B**	Link Pin Bearing Spacer, Type 1, thru 65, Each Axle Spacer for Link Pin Spindles
111 405 641A		**98-4618-B**	Front Wheel Seal, Type 1, thru 65, Each
131 405 641A		**98-4627-B**	Front Wheel Seal, Type 1, 66-6/68, Each
211 405 641A		**98-4617-B**	Front Wheel Seal, Type 2, thru 63, Each
111 405 641B		**98-4621-B**	Front Wheel Seal, Type 1, 69-on w/Drum Brakes, Each
211 405 641B		**98-4624-B**	Front Wheel Seal, Type 2, 64-67, Each
311 405 645		**98-1155-B**	Front Outer Wheel Bearing, Type 1 & 3, 66-on, Each
211 405 645D		**98-4623-B**	Front Outer Wheel Bearing, Type 2, 64-79, Each
111 405 647		**98-4625-B**	Front Outer Wheel Bearing, Type 1, thru 65, Each
113 501 277A		**98-5014-B**	Roller Bearing, IRS, Rear Axle, Outer, Type 1, 68-79
113 501 283		**98-5015-B**	Ball Bearing, IRS, Rear Axle, Inner, Type 1, 68-79
311 501 283		**98-5016-B**	Ball Bearing, Swing Axle, Rear Axle, Type 1, thru 68
113 501 315H		**98-5021-B**	Oil Seal, Rear Axle, Type 1, All
321 501 641		**98-1156-B**	Front Wheel Seal, Type 1 & 3, 66-79 w/Disc Brakes, Each
311 598 051B		**9910-B**	Rear Axle Seal Kit, Type 1, All (Ref P/N: 311 598 051B)
211 405 641C	NEW!	**98-4630-B**	Conversion Front Seal, Each 64-67 Drum being used on 68-70 Type 2
N0123191	NEW!	**98-0127-B**	Circlip F/ IRS Rear Inner Wheel Bearing Housing, Each One is required per side, two per vehicle Type 1 68-79 and Type 3 68-73

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

98-4051 NEW! (Kit)

SPINDLE NUTS

98-4051 NEW! Spindle Nut Kit, Left & Right, 27mm Hex, M18 x 1.5 (LH & RH) Thread, Lock Plates

98-4051-B Spindle Nut, Left, 27mm Hex, M18 x 1.5 (LH) Thread, Ea
(Ref. P/N: 111 405 671)

98-4052-B Spindle Nut, Right, 27mm Hex, M18 x 1.5 (RH) Thread, Ea
(Ref. P/N: 111 405 672)

98-4051-B 98-4052-B

98-4053 NEW! Spindle Nut, Fits Type 2 1955-1963, 32mm Hex, M22 x 1.5 (LH & RH) Thread, Pair

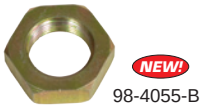
98-4053-B NEW! Spindle Nut, Fits Type 2 1955-1963, 32mm Hex, M22 x 1.5 (LH) Thread, Each
(Ref. P/N: 211 405 671)

NEW! 98-4053-B

98-4055-B NEW! Spindle Nut, Fits Type 2 1955-1963, 32mm Hex, M22 x 1.5 (RH) Thread, Each
(Ref. P/N: 211 405 672)

98-4053 NEW!

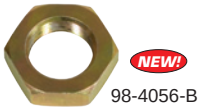
98-4054 NEW! Spindle Nut, Fits Type 2 1964-1967, 27mm Hex, M18 x 1.0 (LH & RH) Thread, Pair

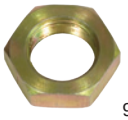

NEW! 98-4055-B

98-4054-B NEW! Spindle Nut, Fits Type 2 1964-1967, 27mm Hex, M18 x 1.0 (LH) Thread, Each
(Ref. P/N: 211 405 671A)

NEW! 98-4054

98-4056-B NEW! Spindle Nut, Fits Type 2 1964-1967, 27mm Hex, M18 x 1.0 (RH) Thread, Each
(Ref. P/N: 211 405 672A)


NEW! 98-4056-B


NEW! 98-4054-B

WHEEL BEARING THRUST WASHERS

98-4047-B Thrust Washer, Wheel Bearing, Each
Type 1 50-65, Ghia 1 56-65, Type 2 64-79
(Ref. P/N: 111 405 661)

98-4048-B Thrust Washer, Wheel Bearing, Each
Type 1 66-79, Ghia 66-74, Type 3 64-73
(Ref. P/N: 311 405 661)

98-4047-B 98-4048-B

SPINDLE LOCK PLATES

98-4057-B Lock Plate, Spindle Nut, Each
Type 1 50-65, Ghia 56-65, Type 2 64-67,
(Ref. P/N: 111 405 681)

98-4058-B Lock Plate, Spindle Nut, Type 2 50-63, Each
(Ref. P/N: 211 405 681)

98-4057-B 98-4058-B

DUST CAPS FOR EMPI ROTORS & DRUMS ONLY

WILL NOT FIT FACTORY DRUMS OR ROTORS.

22-2941 NEW! Wheel Bearing Dust Cap, Left Front w/ Speedo Hole, Inner Fit, Each
Type 1 46-65, Type 3 62-65, Ghia 56-65
Fits P/N 22-2961-B, 22-3861-B, 98-4002-B, 22-2967-B
(Bulk P/N: 22-2941-B)

NEW! 22-2941

22-2942 NEW! Wheel Bearing Dust Cap, Right Front, Inner Fit, Each
Type 1 46-65, Type 3 62-65, Ghia 56-65
Fits P/N 22-2961-B, 22-3861-B, 98-4002-B, 22-2967-B
(Bulk P/N: 22-2942-B)

NEW! 22-2942

22-2943 NEW! Wheel Bearing Dust Cap, Left Front w/ Speedo Hole, Outer Fit, Each
Type 1 66-79, Type 2 71-79, Type 3 66-74, Thing 73-74
Fits P/N 22-2962-B, 22-2963-7, 22-2964-B, 22-2965-B,
22-3862-B, 22-3863-7, 22-3853-B, 22-3865-B, 98-4001-B,
98-4600-B, 98-4601-B, 98-1153-B
(Bulk P/N: 22-2943-B)

NEW! 22-2943

22-2944 NEW! Wheel Bearing Dust Cap, Right Front, Outer Fit, Each
Type 1 66-79, Type 2 71-79, Type 3 66-74, Thing 73-74
Fits P/N 22-2962-B, 22-2963-7, 22-2964-B, 22-2965-B,
22-3862-B, 22-3863-7, 22-3853-B, 22-3865-B, 98-4001-B,
98-4600-B, 98-4601-B, 98-1153-B
(Bulk P/N: 22-2944-B)

NEW! 22-2944

SPINDLE CLAMP NUTS

Use our OEM-style Spindle Clamp Nuts to properly secure your rotor/drum.

22-2989 NEW! Spindle Clamp Nuts, Left & Right, 8mm x 1.5 Left, Type 1 50-65, Skinpacked, Pair

98-4049 NEW! Spindle Clamp Nuts w/ screw, Left & Right, 16mm x 1.5, Type 1 66 & Later, Type 3 64 & Later, Skinpacked, Pair

22-2986-1 Spindle Clamp Nut w/ screw, 18mm x 1.5 Left, Type 1 50-65, Each

22-2986-2 Spindle Clamp Nut w/ screw, 18mm x 1.5 Right, Type 1 50-65, Each

98-4049-B Spindle Clamp Nut w/ screw, 16mm x 1.5 Left, Type 1 66 & Later, Type 3 64 & Later, Each
(Ref. P/N: 131 405 669)

98-4050-B Spindle Clamp Nut w/ screw, 16mm x 1.5 Right, Type 1 66 & Later, Type 3 64 & Later, Each
(Ref. P/N: 131 405 670)

98-8730 NEW! Spindle Clamp Nut w/ screw, 18mm x 1.0 Left & Right, Type 2 68-79, Skinpacked, Pair

98-8730-B NEW! Spindle Clamp Nut w/ screw, 18mm x 1.0 Left, Type 2 68-79, Each
(Ref. P/N: 211 405 669)

98-8731-B NEW! Spindle Clamp Nut w/ screw, 18mm x 1.0 Right, Type 2 68-79, Each
(Ref. P/N: 211 405 670)

22-2989

98-4049

22-2986-1 22-2986-2

131 405 669 131 405 670

98-8730

211 405 669

211 405 670

ALUMINUM LINK PIN CLAMP NUTS

Machined Aluminum nuts for all Link Pin front spindles.

9616 Aluminum Link Pin Clamp Nuts, Pair

9616

KING PIN CONVERSION BEARINGS

Allows you to install ball joint rotors onto King Pin Spindles.
Requires new seals, P/N 98-1156-B

17-2795 King Pin Conversion Bearing, Inner, Each
O.D. = 1.980", I.D. = .9845"

17-2796 King Pin Conversion Bearing, Outer, Each
O.D. = 1.570", I.D. = .7875"

17-2795

17-2796

COMBO SPINDLE BEARINGS

17-2797 Combo Spindle Bearing, Inner, Each
O.D. = 2.4414", I.D. = 1.2502" (Race Ref. #15243)

17-2798 Combo Spindle Bearing, Outer, Each
O.D. = 2.047", I.D. = 1.0002" (Race Ref. #07204)

17-2797

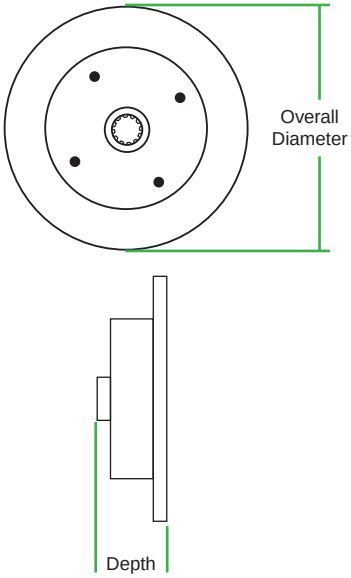
17-2798

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

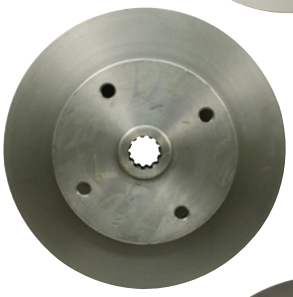
REPLACEMENT PARTS FOR EMPI BRAKE KITS

All bearing races must be PRESSED into rotors.

Part Number	Overall Diameter	Depth
22-2841-B	11"	4 1/8"
22-2842-B	11"	3 1/2"
22-2843-7	11"	3 1/2"
22-2844-B	11"	3 1/2"
22-2961-B	10 7/8"	3 15/16"
22-2962-B	10 7/8"	3 1/2"
22-2963-7	11"	3 1/4"
22-2964-B	11"	3 1/4"
22-2965-B	11"	3 1/4"
22-2967-B	10 7/8"	3 15/16"
22-2972-B	11"	3 1/2"
22-2973-B	11"	3 1/2"
98-1153-B	11"	3 1/4"



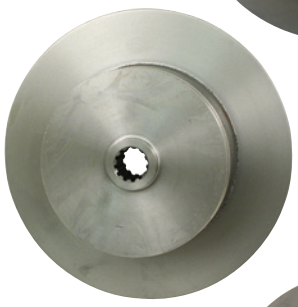
22-2841-B



22-2842-B

DOUBLE DRILLED

22-2843-7



22-2844-B

22-2961-B

NEW!

22-2967-B

REPLACEMENT BRAKE ROTORS

22-2841-B Replacement Rear Brake Rotor, 4/130, 14 x 1.5mm threads, I.R.S., 68-on, Long Spline, Each
Kits 22-2861, 22-2870, 22-2871
(Ref. P/N: 113 615 601)

22-2842-B Repl. Rear Brake Rotor, 4/130, 14 x 1.5mm threads, Swing Axle, thru 68, Short Spline, Each
Kits 22-2862, 22-2865
Can also be used for I.R.S. 68-on, requires P/N: 22-5281-7 spacer for I.R.S. Application
(Ref. P/N: 113 615 601S)

22-2843-7 Repl. Rear Brake Rotor, 5/130 Porsche & 5 / 4.75" Chevy Short Spline, Each
Kits 22-2910, 22-2911, 22-2912, 22-2913, 22-2914
Works for both Swing axle and I.R.S.
(I.R.S. requires P/N: 22-5281-7 Spacer)
Double drilled for use with either Porsche 5x130 bolt pattern using M14-1.5 threads or Chevy 5x4.75 bolt pattern using 12mm theads. Must purchase studs separately.

22-2844-B Replacement Rear Brake Rotor, Blank - No Holes, Short Spline, Each
Kits 22-2916, 22-2917, 22-2918, 22-2919, 22-2920
Works for both Swing axle and I.R.S.
(I.R.S. requires P/N: 22-5281-7 Spacer)

22-2961-B Replacement Front Rotor, 5/205, 12 x 1.5mm threads, to 65, For P/N 22-2880 Kit

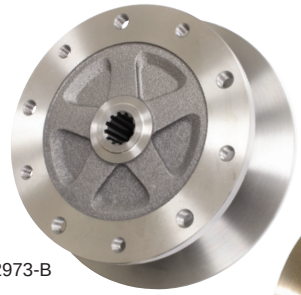
22-2967-B NEW! Replacement Front Rotor, 5/205, 14 x 1.5mm threads, For P/N 22-2996-0 Porsche 356 Kit

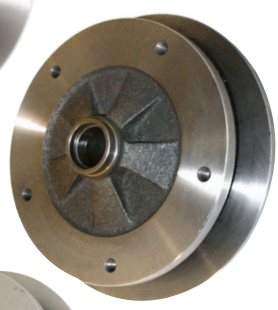
REPLACEMENT PARTS FOR EMPI BRAKE KITS

All bearing races must be PRESSED into rotors.

REPLACEMENT BRAKE ROTORS

22-2973-B Replacement Rotor for 5/205 Rear Wide Track, Each
Kits 22-2927, 22-2928, 22-2929, 22-2930
I.R.S. requires 22-5281-7 Spacer
Rotors are threaded for 12mm and 14mm studs


22-2973-B


22-2962-B

22-2962-B Replacement Front Rotor, 5/205, 12 x 1.5mm threads,
Kits 22-2885 (66-67), 22-2895 (68-on)

22-2965-B Replacement Rotor for Front, 5/205, Each
Double drilled for use with either Porsche 5/130 bolt pattern using
14 x 1.5mm threads or VW 5/205 bolt pattern using
12 x 1.5mm threads. Must purchase studs separately.

22-2965-B

22-2972-B Replacement Rotor for Rear 5/205,
12 x 1.5mm threads, I.R.S., Each
Kits 22-2905, 22-2906, 22-2907
I.R.S. requires 22-5281-7 Spacer

22-2972-B

98-1153-B Replacement Front Rotor, 4/130, 14 x 1.5mm threads, Ball Joint Front,
All Type 1 66-79 w/ Disc Brakes, Ghia 66-74, Type 3 66-71, Each
Kits 22-2850, 22-2855, 22-2881, 22-2886, 22-2983, 22-2986
(Ref. P/N: 113 407 075)

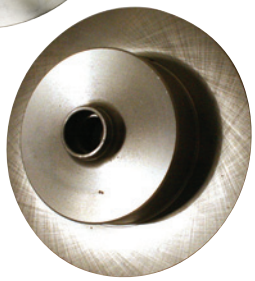
98-1153-B

22-2963-7 Replacement Front Rotor, 5/130 Porsche and 5/4.75" Chevy,
Ball Joint Front, All Type 1 66-79 w/ Disc Brakes, Ghia 66-74,
Type 3 66-71, Each
Kits 22-2882, 22-2887, 22-2981, 22-2982, 22-2985, 22-2990
Double drilled for use with either Porsche 5x130 bolt pattern
using M14-1.5 threads or Chevy 5/4.75" bolt pattern using
12mm theads. Must purchase studs separately.

22-2963-7

22-2964-B Replacement Front Rotor, Blank, No Holes, Ball Joint Front, Each
Kits 22-2921, 22-2922, 22-2923, 22-2924, 22-2984, 22-2991

22-2964-B



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CROSS-DRILLED / LIGHTENED ROTORS

ALL BEARING RACES MUST BE PRESSED INTO ROTORS.
MUST USE PREMIUM QUALITY REPLACEMENT BRAKE PADS WITH ALL CROSS-DRILLED ROTORS.

22-3841-B

22-3841-B Replacement Rear Brake Rotor, 4/130, 14 x 1.5mm threads, I.R.S., 68-on, Long Spline, Each

22-3842-B

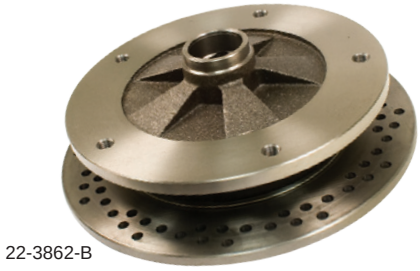
22-3842-B Replacement Rear Brake Rotor, 4/130,
14 x 1.5mm threads,
Swing Axle, thru 68, Short Spline, Each
Can also be used for I.R.S. 68-on,
requires P/N: 22-5281-7 spacer for I.R.S. Application

22-3843-7

22-3843-7 Replacement Rear Brake Rotor,
5/130 Porsche & 5 / 4.75" Chevy
Short Spline, Each
Works for both Swing axle and I.R.S.
(I.R.S. requires P/N: 22-5281-7 Spacer)
Double drilled for use with either Porsche 5x130 bolt pattern using M14-1.5 threads or Chevy 5x4.75 bolt pattern using 12mm theads. Must purchase studs separately.

22-3861-B

22-3861-B Replacement Front Rotor, 5/205, 12 x 1.5mm threads, for P/N 22-2880 Kit 5/205, to 65


22-3862-B

22-3862-B Replacement Front Rotor, 5/205, 12 x 1.5mm threads, for P/N 22-2885 Kit 5/205 (66-67) and P/N 22-2895 Kit 5/205, (68-on)

CROSS-DRILLED / LIGHTENED ROTORS (CONT.)

ALL BEARING RACES MUST BE PRESSED INTO ROTORS.
MUST USE PREMIUM QUALITY REPLACEMENT BRAKE PADS WITH ALL CROSS-DRILLED ROTORS.

22-3873-B Replacement Rotor for 5/205 Rear Wide Track, Each
Kits 22-2927, 22-2928, 22-2929, 22-2930, 22-2931, 22-2932
I.R.S. requires 22-5281-7 Spacer
Rotors are threaded for 12mm and 14mm studs

22-3873-B

22-3865-B Replacement Rotor for Front 5/205, Each
14 x 1.5mm threads
Kits 22-2925 and 22-2926

22-3865-B

22-3872-B Replacement Rotor for Rear 5/205, 12 x 1.5mm threads, I.R.S., Each
Kits 22-2905, 22-2906, 22-2907
I.R.S. requires 22-5281-7 Spacer

22-3872-B

22-3853-B Replacement Front Rotor, 4/130, 14 x 1.5mm threads, Ball Joint Front, All Type 1 66-79 w/ Disc Brakes, Ghia 66-74, Type 3 66-71, Each
Kits 22-2850, 22-2855

22-3853-B

22-3863-7 Replacement Front Rotor, 5/130 Porsche and 5/4.75" Chevy, Ball Joint Front, All Type 1 66-79 w/ Disc Brakes, Ghia 66-74, Type 3 66-71, Each
Kits 22-2981, 22-2982
Double drilled for use with either Porsche 5x130 bolt pattern using M14-1.5 threads or Chevy 5/4.75" bolt pattern using 12mm theads. Must purchase studs separately.

22-3863-7

PREMIUM REPLACEMENT BRAKE PADS

Superior friction materials for maximum stopping power, less dust and long-lasting quiet operation…a Premium upgrade for your Disc Brake Calipers and Rotors.

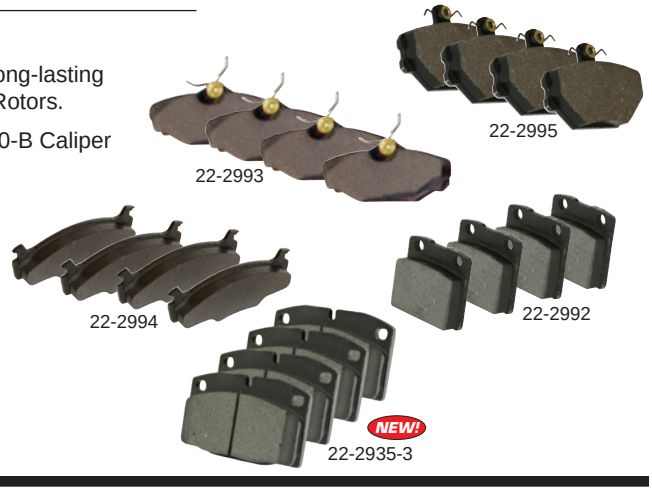
22-2992 Premium Brake Pads, Set of 4, For P/N: 98-1150-B Caliper

22-2993 Premium Brake Pads, Set of 4,
For P/N: 22-6123-B & 22-6124-B Calipers

22-2994 Premium Brake Pads, Set of 4
For P/N: 22-6125-B & 22-6126-B Calipers

22-2995 Premium Brake Pads, Set of 4
For P/N: 22-2956-B & 22-2957-B Calipers

22-2935-3 NEW! Premium Brake Pads, Type 2, Set of 4
For P/N: 22-2935, 22-2937, 22-2938 & 22-2940
Type 2 Front Disc Brake Kits



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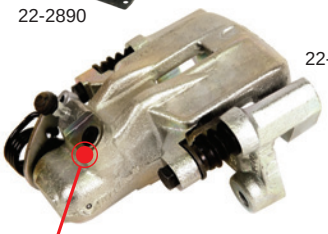
USE DOT3 FLUID ONLY

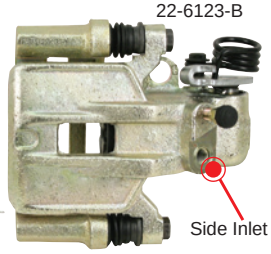
REPLACEMENT PARTS FOR EMPI BRAKE KITS

98-1150-B

22-2890


22-6124-B

Side Inlet


22-6123-B

Side Inlet

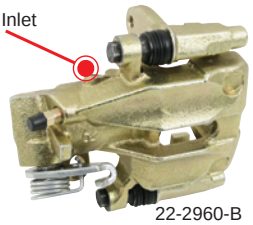
22-2891

22-2865-1

22-6126-B

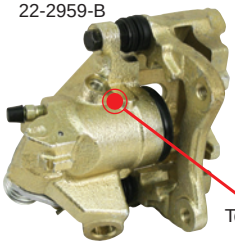
22-6125-B

22-2892


Top Inlet

22-2960-B

22-2959-B


Top Inlet

22-2966

REPLACEMENT BRAKE CALIPERS

98-1150-B (Ref. P/N: 311 615 107/8)
Replacement Brake Caliper, Each (Boxed)
Right & Left use the same Calipers, Supplied w/Pads
For Kit P/N: 22-2850, 22-2855, 22-2861, 22-2861-F, 22-2862, 22-2862-F, 22-2881, 22-2882, 22-2886, 22-2887, 22-2910, 22-2910-F, 22-2911, 22-2911-F, 22-2916, 22-2916-F, 22-2917, 22-2917-F, 22-2921, 22-2922, 22-2923, 22-2924, 22-2929, 22-2929-F, 22-2930, 22-2930-F, 22-2981, 22-2982, 22-2983, 22-2984, 22-2985, 22-2986, 22-2990, 22-2991

22-2890
Replacement Brake Pads, Set of 4
For P/N: 98-1150-B Caliper, 311-615-107/8

22-6124-B
Replacement. Right Rear Caliper, Side Inlet, Supplied w/o Pads, Each (Boxed)
For P/N: 22-2865, 22-2865-F, 22-2870, 22-2870-F, 22-2871, 22-2871-F, 22-2905, 22-2905-F, 22-2906, 22-2906-F, 22-2907, 22-2907-F, 22-2912, 22-2912-F, 22-2913, 22-2913-F, 22-2914, 22-2914-F, 22-2918, 22-2918-F, 22-2919, 22-2919-F, 22-2920, 22-2920-F, 22-2927, 22-2927-F, 22-2928, 22-2928-F

22-6123-B
Replacement Left Rear Caliper, Side Inlet, Supplied w/o Pads, Each (Boxed)
For P/N: 22-2865, 22-2865-F, 22-2870, 22-2870-F, 22-2871, 22-2871-F, 22-2905, 22-2905-F, 22-2906, 22-2906-F, 22-2907, 22-2907-F, 22-2912, 22-2912-F, 22-2913, 22-2913-F, 22-2914, 22-2914-F, 22-2918, 22-2918-F, 22-2919, 22-2919-F, 22-2920, 22-2920-F, 22-2927, 22-2927-F, 22-2928, 22-2928-F

22-2865-1
Brake Line Adapter for P/N 22-6123-B & P/N 22-6124-B Calipers, For older production of these calipers (Ea)
Female I.D. = 10m x 1.00 / Male O.D. = 10m x 1.50

22-2891
Replacement Brake Pads, Set of 4
For P/N: 22-6123-B, 22-6124-B Calipers

22-6125-B
Replacement Right Front Caliper, Each (Boxed)
Supplied w/o Pads, For P/N: 22-2880, 22-2885, 22-2895

22-6126-B
Replacement Left Front Caliper, Each (Boxed)
Supplied w/o Pads, For P/N: 22-2880, 22-2885, 22-2895

22-2892
Replacement Brake Pads, Set of 4
For P/N: 22-6125-B, 22-6126-B Calipers

22-2959-B
Replacement Left Rear EMPI Caliper, Top Inlet, w/ E-Brake, Supplied w/o Pads, Each (Boxed). This Caliper is no longer used in EMPI kits. Years ago it was used in the following kits:
For P/N: 22-2865, 22-2870, 22-2871, 22-2905, 22-2906 22-2907, 22-2912, 22-2913, 22-2914, 22-2918, 22-2919 22-2920, 22-2927, 22-2928

NOTE: When installing calipers, inlet port faces up, E-brake spring faces down. This caliper has the part number and EMPI in the casting.

22-2960-B
Replacement Right Rear EMPI Caliper, Top Inlet, w/ E-Brake, Supplied w/o Pads, Each (Boxed). This Caliper is no longer used in EMPI kits. Years ago it was used in the following kits:
P/N: 22-2865, 22-2870, 22-2871, 22-2905, 22-2906 22-2907, 22-2912, 22-2913, 22-2914, 22-2918, 22-2919 22-2920, 22-2927, 22-2928

NOTE: When installing calipers, inlet port faces up, E-brake spring faces down. This caliper has the part number and EMPI in the casting.

22-2966
Replacement Brake Pads, Set of 4
For P/N: 22-2959-B, 22-2960-B EMPI Calipers

REPLACEMENT PARTS FOR EMPI BRAKE KITS

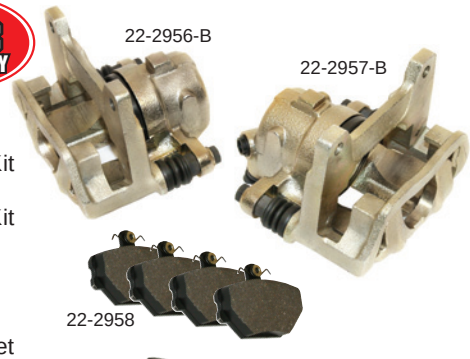
USE DOT 3 FLUID ONLY

REPLACEMENT BRAKE CALIPERS

22-2956-B Replacement Front Caliper, Supplied w/o Pads, Each (Boxed)
NOTE: Left Side for P/N 22-2926 Kit, Right Side for P/N 22-2925 Kit

22-2957-B Replacement Front Caliper, Supplied w/o Pads, Each (Boxed)
NOTE: Left Side for P/N 22-2925 Kit, Right Side for P/N 22-2926 Kit

22-2958 Replacement Brake Pads, Set of 4
For P/N: 22-2956-B, 22-2957-B Calipers



PREMIUM REPLACEMENT BRAKE PADS

Superior friction materials for maximum stopping power, less dust and long-lasting quiet operation…a Premium upgrade for your Disc Brake Calipers.

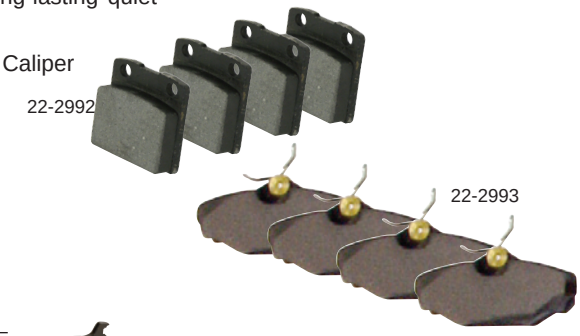
22-2992 Premium Brake Pads, Set of 4, For P/N: 98-1150-B Caliper

22-2993 Premium Brake Pads, Set of 4,
For P/N: 22-6123-B & 22-6124-B Calipers

22-2994 Premium Brake Pads, Set of 4
For P/N: 22-6125-B & 22-6126-B Calipers

22-2995 Premium Brake Pads, Set of 4
For P/N: 22-2956-B & 22-2957-B Calipers

22-2935-3 NEW! Premium Brake Pads, Type 2, Set of 4
For P/N: 22-2935, 22-2937, 22-2938 & 22-2940
Type 2 Front Disc Brake Kits



REPLACEMENT BRAKE PADS (Supplied in Kits)

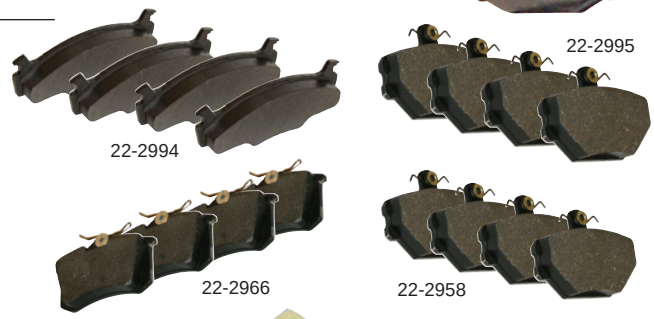
22-2890 Replacement Brake Pads, Set of 4
For P/N: 98-1150-B Caliper, 311-615-107/8

22-2891 Replacement Brake Pads, Set of 4
For P/N: 22-6123-B, 22-6124-B Calipers

22-2892 Replacement Brake Pads, Set of 4
For P/N: 22-6125-B, 22-6126-B Calipers

22-2966 Replacement Brake Pads, Set of 4
For P/N: 22-2959-B, 22-2960-B Calipers

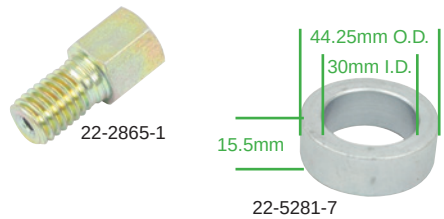
22-2958 Replacement Brake Pads, Set of 4
For P/N: 22-2956-B, 22-2957-B Calipers



REPLACEMENT SPACER

22-5281-7 This spacer is used to convert a short snout Swing Axle rotor to be longer in the snout area like the IRS rotors. 22-2841-B has the long snout. 22-2842-B, 22-2843-B and 22-2844-B all have the short snout.
(Ref. P/N: 111 501 303B)

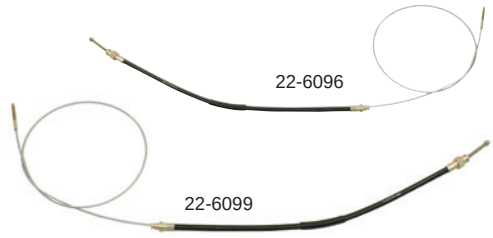
22-2865-1 Brake Line Adapter for 22-6123-B & 22-6124-B Calipers, (Ea)
For older production of these calipers



REPLACEMENT BRAKE CABLES

22-6096 Emergency Brake Cable, Each (Bulk), 68" overall length
For Kit P/N: 22-2865, 22-2871, 22-2905,
22-2907, 22-2912, 22-2914, 22-2918, 22-2920

22-6099 Emergency Brake Cable, Each (Bulk), 72" overall length
For Kit P/N: 22-2870, 22-2906, 22-2913, 22-2919



99% of the calls we received concerning problems with brake installation comes down to 1 problem...**AIR IN THE LINES**.
Tech Tip: After having bled the brake system 2 or 3 times…a spongy pedal, pads dragging, etc., is almost always caused by air being trapped in the in the system.

Be sure to Bench Bleed a new master cylinder if installed. There are a few different '1-Man Bleeders' available - Mityvac and others. Use our new Quick Bleeders...make it easy on yourself and your helpers.

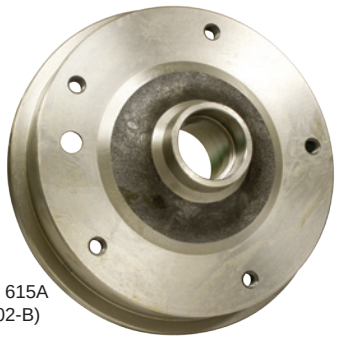
If installing new Disc Brake Calipers, rotate them to where the bleeder is around 12 O'Clock for bleeding...easier to get the air going straight up...then rotate them into position when you are done.

When all else fails, take the car to a professional for bleeding and adjusting. Small price to pay if you do not have the patience!

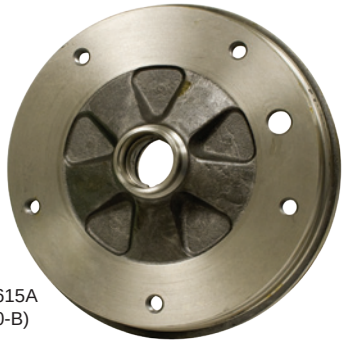
WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

BRAKE DRUM & ROTORS

Make EMPI your one stop shop for quality replacement brake drums and rotors. A wide selection that covers most popular applications.

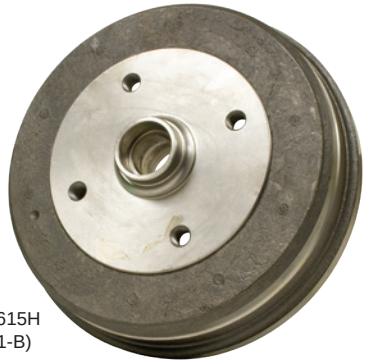


113 405 615A
(98-4002-B)



131 405 615A
(98-4600-B)

111 405 615B
(98-4001-B)



113 405 615H
(98-4601-B)

113 407 075
(98-1153-B)

113 501 615D
(98-5001-B)

113 501 615J
(98-5002-B)

DOUBLE DRILLED

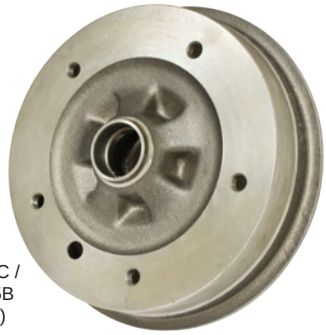
98-5002-7

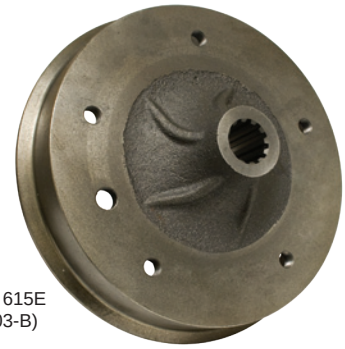
TYPE 1 & SUPER BEETLE

113 405 615A	**98-4002-B**	Front Brake Drum, Type 1 58-65, Ghia 58-65, M12 x 1.5 Threads
131 405 615A	**98-4600-B**	Front Brake Drum, Type 1 66-67, Thing 73-74, M12 x 1.5 Threads
111 405 615B	**98-4001-B**	Front Brake Drum, Type 1 68-77 (Exc. Super Beetle), M14 x 1.5 Threads
113 405 615H	**98-4601-B**	Front Brake Drum, Type 1 71-79, Super Beetle, M14 x 1.5 Threads
113 407 075	**98-1153-B**	Front Brake Rotor, All Type 1 66-79 w/Disc Brakes, Ghia 66-74, Type 3 66-71, M14 x 1.5 Threads
113 501 615D	**98-5001-B**	Rear Brake Drum, Type 1 58-67, Ghia 58-65, M12 x 1.5 Threads
113 501 615J	**98-5002-B**	Rear Brake Drum, Type 1 68-79, Ghia 68-74, M14 x 1.5 Threads
98-5002-7	**98-5002-7**	Rear Brake Drum – Porsche & Chevy P.C.D., Type 1 68-79, Ghia 68-74 Double drilled for use with either Porsche 5x130 bolt pattern using M14-1.5 threads or Chevy 5x4.75 bolt pattern using 12mm theads. Must purchase studs separately. **See pages 335-339 for all studs.**

BRAKE DRUM & ROTORS

Make EMPI your one stop shop for quality replacement brake drums and rotors. A wide selection that covers most popular applications.


211 405 615C /
211 405 615B
(98-4602-B)

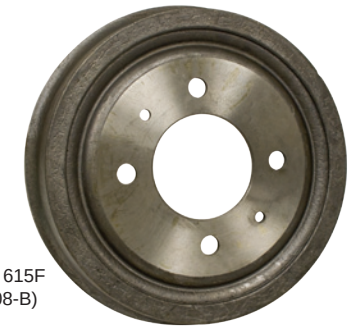

211 501 615E
(98-5003-B)

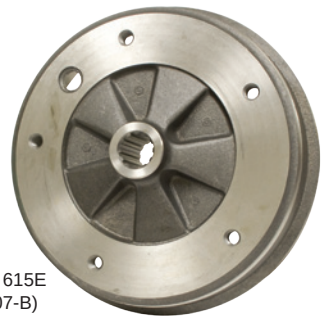
211 501 615G
(98-5005-B)

NEW!
211 609 615
(98-5006-B)

211 615 301B
(18-1014-0)

NEW!
211 615 301A
(98-6101-B)


311 501 615F
(98-5008-B)


311 501 615E
(98-5007-B)

181 501 615A
(98-5019-B)

TYPE 2

211 405 615C / 211 405 615B		**98-4602-B**	Front Brake Drum, Type 2, 64-70, M14 x 1.5 Threads For 64-67 Type 2 Applications, use Seal P/N: 211 405 641B For 68-70 Type 2 Applications, use Seal P/N: 98-4630-B
211 501 615E		**98-5003-B**	Rear Brake Drum, Type 2, 64-67, M14 x 1.5 Threads
211 501 615G		**98-5005-B**	Rear Brake Drum, Type 2, 68-70, M14 x 1.5 Threads
211 609 615	NEW!	**98-5006-B**	Rear Brake Drum, Type 2, 71-79, Not Threaded
211 615 301B		**18-1014-0**	Front Brake Rotor, Type 2, 73-79, Not Threaded
211 615 301A	NEW!	**98-6101-B**	Front Brake Rotor, Type 2, 71-72, Not Threaded

TYPE 3

311 501 615F	**98-5008-B**	Rear Brake Drum, Type 3, 66-On, Not Threaded
311 501 615E	**98-5007-B**	Rear Brake Drum, Type 3, 63-65, M12 x 1.5 Threads

THING

181 501 615A	**98-5019-B**	Rear Brake Drum, Thing, All Years, M12 x 1.5 Threads *Also fits, 69-79 Type 1 and S.B. This Brake Drum allows the conversion from 4 lug to 5 lug Brake Drums without sacrificing to the narrow brake shoe. It retains the 1 ½ brake shoe width on 69-79 Type 1 and S.B. This will offset your wheels 5/8" outward per side. Offset may affect Fender clearance.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

SUSPENSION & STEERING

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

BRAKE LINE RESIDUAL PRESSURE VALVES

Maintains minimum constant line pressure to help eliminate excessive pedal travel and create a much firmer and responsive pedal feel. The two pound valve is recommended for disc brake applications while the 10 pound valve is mostly used on drum brake applications. EMPI's residual pressure valves are made from billet aluminum and are color coded and marked for easy identification and in-line mount using standard SAE brake line fittings.

USE DOT3 FLUID ONLY

16-3155	2 PSI Residual Pressure Valve, SAE
16-3156	10 PSI Residual Pressure Valve, SAE

17-2928	2 PSI METRIC Residual Pressure Valve (Aluminum) Easy Installation with 10mm x 1.0 Female Metric Threads on each end.
17-2932	2 PSI SAE Residual Pressure Valve (Aluminum), 1/8" NPT Both Ends Easy Installation with 1/8" NPT Male / 1/8" NPT Female Threads.

BRAKE LINE RESIDUAL PRESSURE VALVE KIT

Our 2PSI Residual Valve for Disc Brake applications with Metric female threads on both ends packaged with a 7.5" brake line makes installation a true Plug 'n Play. This kit utilizes our P/N 17-2928 valve.

17-2935	2 PSI Residual Pressure Valve with a 7.5" brake line, Kit

BRAKE PROPORTIONING VALVE

This EMPI Knob-style Proportioning Valve enables you to adjust front to rear brake bias with a twist of a knob. Provides up to a 50% reduction. Fitting ports are 1/8" NPT. Valve includes two fittings to adapt to 3/16" SAE brake line. Allows easy adjustment of front to rear brake bias.

16-3157	Brake Proportioning Valve

EMPI HYDRAULIC PARK LOCK

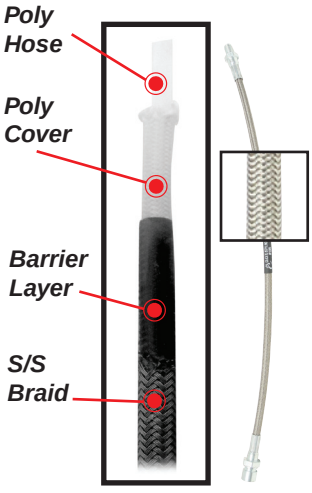
This hydraulic Park Lock uses line pressure to hold your brakes locked. Just push brake pedal down and push the Park Lock lever. (Not to be used as an emergency brake).

3155	EMPI Hydraulic Park Lock

BRAIDED STAINLESS STEEL BRAKE LINE KITS

EMPI's Stainless Steel Brake Lines are made of super tough braided stainless steel covers over Poly hose, and are **D.O.T. approved** - which is important in such a critical part as a brake hose. Because they are made with the stock size fittings, no adapters are needed to insure a correct fit, and it lessens the chance of leakage. Stainless Steel Brake Line Kits must be installed at all four corners, never mix rubber and stainless in the same brake system. Caution should be used when installing any new brake line. If you have any doubt about your ability to install them correctly, please let a trained professional mechanic do the job. Made in USA.

D.O.T. Approved!



5585	4-Piece Braided Stainless Brake Line Kit, Type 1, 58-64
5586	4-Piece Braided Stainless Brake Line Kit, Type 1, 65-68
5587	4-Piece Braided Stainless Brake Line Kit, Type 1, 69-on w/I.R.S.
5588	4-Piece Braided Stainless Brake Line Kit, Super Beetle, 71-73
5589	4-Piece Braided Stainless Brake Line Kit, Super Beetle, 73 1/2-on

98-6713-B	Braided S/S Brake Line, Front, M/F, 480mm (18.90"), Type 1 thru 64, Type 2 thru 54, Each
98-6711-B	Braided S/S Brake Line, Front, M/F, 380mm (15"), Type 1, 67 & Later (Exc. S/B), Each
98-6715-B	Braided S/S Brake Line, Front, M/F, 440mm (17.32"), Type 1, 65-66, Type 2, 55-67, Each
98-6714-B	Braided S/S Brake Line, Rear, M/F, 240mm (9.45"), Type 1, 68 & Later IRS, Each
98-6716-B	Braided S/S Brake Line, Rear, F/F, 270mm (10.63"), All Type 1, 2, 3 w/ Swing Axle, Each
98-6717-B	Braided S/S Brake Line, Rear, F/F, 340.5mm (13.39"), S/B, 74 & Later, Each
98-6720-B NEW!	Braided S/S Brake Line, Universal, M/F, 24", Each

D.O.T. Approved!

3 Layer Construction!

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

EMPI DUAL CIRCUIT MASTER CYLINDERS

If you are installing disc brakes to all four wheels, the use of this master cylinder is mandatory. The stock master cylinder cannot supply the additional pressure or the correct bias needed in a 4-wheel disc brake application. The answer is our 20.6mm bore Dual Circuit Master Cylinder. We offer one unit for all standard Beetles and another for Super Beetles only. Recommended for all 4-Wheel Disc Brake applications.

16-9554

17-2808

EMPI Brand

113 611 015BDD	**16-9554**	20.6mm Dual Circuit Master Cylinder **(All Beetles)**, Ea
133 611 015HDD	**17-2808**	20.6mm Dual Circuit Master Cylinder **(Super Beetle Only)**, Ea

MASTER CYLINDERS (EMPI BRAND)

Don't take a chance on an old and leaking Master Cylinder. Replace it with a brand new one.

113 611 021CCH

113 611 021CCH	**98-6204-B**	Master Cylinder, Type 1, thru 64 (19mm)
113 611 023BCH	**98-6206-B**	Master Cylinder, Type 1, 65-66 (17.5mm)
113 611 015BDCH	**98-6019-B***	Master Cylinder, Dual Circuit, Type 1, 67-on (Exc. S/B), Ghia 67-74, Thing 73-74 (19mm)

113 611 023BCH

*Recommended for replacement for 67 & later and on all Front Wheel Disc Brake/Rear Wheel Drum Brake applications.

114 611 015BC NEW!	**98-6026-B**	Master Cylinder RHD, Dual Circuit (19mm) Type 1 67-79, Ghia 67-74

NEW!
114 611 015BC
Right Hand Drive

113 611 015BHCH	**98-6203-B**	Master Cylinder, Dual Circuit, S/B 71-79 (19mm)

113 611 015BHCH

211 611 011JCH	**98-6021-B**	Master Cylinder, Type 2, thru 66 (22mm w/ Residual Valve)
	98-6022-B*	22mm Buggy Master Cylinder w/o Residual Valve. For use with Disc Brakes. (Does not include reservoir)

211 611 011JCH

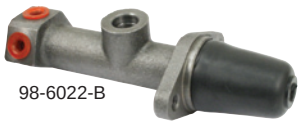
*Residual Valve Removed - for all Front Wheel Disc Brake / Rear Wheel Drum Brake applications or Rear Disc Only applications (Trike / Off-Road)

211 611 011Q NEW!	**98-8654-B**	Master Cylinder, Dual Circuit (22mm) Type 2, 9/66 to 1967 only
211 611 021Q NEW!	**98-8655-B**	Master Cylinder, Dual Circuit (22mm) Type 2 68-69 w/o Brake Servo
211 611 021AACH	**98-6205-B**	Master Cylinder, Dual Circuit (23.85mm), Type 2 68-79
211 611 021T NEW!	**98-8656-B**	Master Cylinder, Dual Circuit (22mm) Type 2 70-71 w/o Brake Servo

211 611 021AACH

NEW! 211 611 011Q

NEW! 211 611 021Q


98-6022-B

113 611 015BDCH

211 611 021T NEW!

99% of the calls we received concerning problems with brake installation comes down to 1 problem...**AIR IN THE LINES**.
Tech Tip: After having bled the brake system 2 or 3 times…a spongy pedal, pads dragging, etc., is almost always caused by air being trapped in the in the system.

Be sure to Bench Bleed a new master cylinder if installed. There are a few different '1-Man Bleeders' available - Mityvac and others. Use our new Quick Bleeders...make it easy on yourself and your helpers.

If installing new Disc Brake Calipers, rotate them to where the bleeder is around 12 O'Clock for bleeding...easier to get the air going straight up...then rotate them into position when you are done.

When all else fails, take the car to a professional for bleeding and adjusting. Small price to pay if you do not have the patience!

SUSPENSION & STEERING

WARNING: It is extremely important that brake lines be installed by a trained mechanic. Proper length of each line in relation to wheel travel and steering angle is critical to avoid brake failure. Equally important is brake lines must be free flowing and have no contamination. Additionally, all calipers must be bled properly, regardless of kit purchased. Do not attempt brake line or caliper installation without the experience to properly evaluate all of these issues.

MASTER CYLINDERS (VARGA BRAND)

Don't take a chance on an old and leaking Master Cylinder. Replace it with a brand new one.

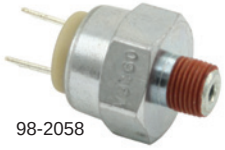
113 611 015BD

211 611 011J

113 611 021C	**98-6004-B**	Master Cylinder, Type 1, thru 64 (Varga)
113 611 023B	**98-6006-B**	Master Cylinder, Type 1, 65-66 (Varga)
113 611 015BD	**98-6002-B**	Master Cylinder, Dual Circuit, Type 1, 67-on (Exc. S/B), Ghia 67-74, Thing 73-74 (Varga)
113 611 015BH	**98-6003-B**	Master Cylinder, Dual Circuit, Super Beetle, 71-79 (Varga)
211 611 011J	**98-6001-B**	Master Cylinder, Type 2, thru 66 (Varga)
211 611 021AA	**98-6005-B**	Master Cylinder, Dual Circuit, Type 2, 68-79 (Varga)

BRAKE LIGHT SWITCHES

Brake light switches deteriorate with age causing them to malfunction. If your brake lights don't come on with a small amount of pressure applied to the brake pedal, it's time to replace your switch. We recommend always using a new switch when installing a new master cylinder. The thread size on these is M10 x 1.0.


98-2058

98-2057

98-2057 Brake Light Switch, 3 Prong
(Bulk P/N: 113 945 515G)

98-2058 Brake Light Switch, 2 Prong
(Bulk P/N: 113 945 515H)

QUICK BLEEDERS

For EMPI Disc Brake Kits…the patented Quick Bleeder is a one-person brake bleeder screw that speeds up the job of purging old fluid and air from your newly installed Brake Calipers. The Quick Bleeder has a unique check ball design which allows old fluid and air to be pushed out but closes between pumps, preventing the old fluid and air from re-entering the system.

22-5287

22-5288

22-5290

22-5287	7mm x 1.0 Bleeder Screws, Pr., Fits P/N 98-1150-B Calipers
22-5288	8mm x 1.0 Bleeder Screws, Pr., Fits P/N 22-2956-B, 22-2957-B, 22-6123-B & 22-6124-B Calipers
22-5290	10mm x 1.0 Bleeder Screws, Pr., Fits P/N 22-6125-B, 22-6126-B, 22-2959-B & 22-2960-B Calipers

BRAKE LINE PLUGS

18-1103 NEW!

18-1103 NEW! Brake Line Plugs, M10 x 1.0, Pair
These fittings can be used to block off any unwanted M10 x 1.0 brake line port. They are normally used on off-road vehicles on the master cylinder. The male thread is M10 x 1.0 bubble flare.

CONVERSION BRAKE LINE FITTINGS

18-1102 NEW!

18-1102 NEW! Male 1/8" NPT to Female 10mm x 1.0 Bubble Flare, Pair

18-1107 NEW!

18-1107 NEW! 90 Degree Male 1/8" NPT to Female 10mm x 1.0 Bubble Flare, Pair

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BUGGY MASTER CYLINDER

The large 22mm bore Master Cylinder is large enough to handle 2 or 4 wheel set-ups. Available complete with reservoir or replacement reservoir only.

6112 22mm Buggy Master Cylinder, w/Residual Valve and Reservoir
98-6020-B Plastic Reservoir Only
(Ref. P/N: 211 611 301C)

98-6021-B 22mm Buggy Master Cylinder Only w/Residual Valve
(Ref. P/N: 211 611 011JCH)

98-6022-B* 22mm Buggy Master Cylinder w/o Residual Valve.
For use with Disc Brakes. (Does not include reservoir)

*Residual Valve Removed - for all Front Wheel Disc Brake / Rear Wheel Drum Brake applications or Rear Disc Only applications (Trike / Off-Road)

98-6020-B

6112

98-6022-B

BUGGY MASTER CYL. W/POLISHED ALUM. RESERVOIR

Every year it's the first thing on your shopping list...New brake reservoir to replace the sun baked or leaking one from last season. EMPI puts an end to the vicious cycle with this polished Billet Aluminum Reservoir, it's the best looking and last one you will need.

6114 22mm Buggy Master Cylinder w/Residual Valve and Polished Aluminum Reservoir
16-7040 Polished Billet Aluminum Master Cylinder Reservoir Only w/Cap

98-6021-B 22mm Buggy Master Cylinder Only w/Residual Valve
(Ref. P/N: 211 611 011JCH)

99-2510 NEW! Brake Fluid Reservoir Sealing Washer Only, Each
(Ref. P/N: N138272)

6114

16-7040

POLISHED/CHROME BUGGY MASTER CYLINDER

Large 22mm bore, Polished/Chrome Master Cylinder for 2 or 4 wheel brake applications while adding a show-look to your buggy. Chose a Billet or Plastic reservoir.

16-7041 22mm Polished/Chrome Buggy Master Cylinder, w/Residual Valve
16-7042 22mm Polished/Chrome Buggy Master Cylinder, w/o Residual Valve

16-7041

BUGGY MASTER CYLINDER WITH BILLET ALUMINUM RESERVOIR

Complete Type 2 Master Cylinder with the great looking Billet Aluminum Buggy Master Cylinder Reservoir to add that billet flare to your Buggy. Billet Aluminum Buggy Master Cylinder Reservoir fits Type 2 (thru 66) master cylinders (EMPI P/N 16-7041, 16-7042 and 98-6021-B/211 611 011JCH).

6116 Buggy Master Cylinder with Billet Aluminum Reservoir, Set
18-1015 Aluminum Buggy Master Cylinder Reservoir, Each

6116

Assembled

Assembled

18-1015

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98-6671-B

98-6672-B

NEW!
98-6674-B

98-6020-B

STOCK MASTER CYLINDER RESERVOIRS

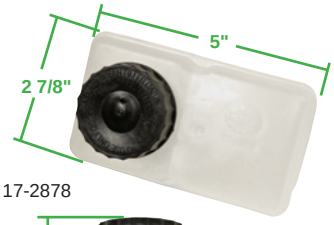
113 611 301G		**98-6671-B**	Reservoir, Brake Fluid, Incl. Cap, Type 1 61-66, Ghia 61-66
113 611 301L		**98-6672-B**	Reservoir, Brake Fluid, w/Cap, Type 1 68-79, Type 3 66-73
211 611 301C		**98-6020-B**	Reservoir, Brake Fluid, Incl. Cap, Type 2 50-66
113 611 817		**98-6683-B**	Grommet, Master Cylinder, Type 1 50-66, Each
211 611 817A		**98-6684-B**	Grommet, Master Cylinder, Type 1 67-79, Type 2 67-79, Ea
113 611 351	NEW!	**98-6674-B**	Cap and Seal Only from 98-6672-B, Type 1 68-79, Type 3 66-73, Each

98-6683-B

98-6684-B

DUAL CIRCUIT RESERVOIR

Eliminates fittings and installs directly to your '67 & later dual-circuit master cyclinder. No hoses or fittings required - perfect mounting solution for buggies. Also fits EMPI P/N 16-9554, 17-2808 & 98-6019-B.



17-2878

17-2878 Dual Circuit Master Cylinder Reservoir, Type 1 67 & Later
(Bulk P/N: 251 611 301K)

TYPE 2 DUAL CIRCUIT RESERVOIR

Brake Master Cylinder Reservoir with 100mm spacing for 1967 Type 2 only. This reservoir is also commonly used to convert early model VW's to dual circuit master cylinder

98-1694 NEW!

98-1694 NEW! Dual Circuit Master Cylinder Reservoir, Type 2 1967 Only
(Bulk P/N: 211 611 301E)

BRAKE FLUID RESERVOIRS

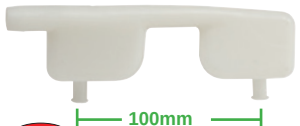
NEW!
98-1690

98-1690 NEW! Brake Fluid Reservoir, Upper, Type 2 69-72
(Bulk P/N: 211 611 309)

98-1691 NEW! Brake Fluid Reservoir, Type 2 69-70
Fits Type 2 1969 to 1970 with original design master cylinder.
(Bulk P/N: 211 611 313G)

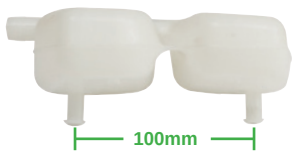
98-1692 NEW! Brake Fluid Reservoir, Type 2 71-72
Fits Type 2 1971 to 1972 with original design master cylinder.
(Bulk P/N: 211 611 313J)

98-1693 NEW! Brake Fluid Reservoir, Lower, Type 2 73-79
(Bulk P/N: 211 611 313K)



NEW!
98-1691

NEW!
98-1692



NEW!
98-1693

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WHEEL CYLINDERS

Don't take a chance on rebuilt Wheel Cylinders. EMPI offers brand new Wheel Cylinders at a price that makes rebuilding a thing of the past.

USE DOT3 FLUID ONLY

EMPI Brand

113 611 057BCH	**98-6214-B**	Front Wheel Cylinder, Type 1 58-77 (Exc. Super Beetle) Thing 73-74
361 611 067ACH	**98-6216-B**	Front Wheel Cylinder, Super Beetle

98-6214-B

98-6216-B

211 611 069CCH	**98-6217-B**	Front Left Wheel Cylinder, Type 2 64-70 (2 Required)
211 611 070CCH	**98-6218-B**	Front Right Wheel Cylinder, Type 2 64-70 (2 Required)

98-6217-B

113 611 055CCH	**98-6210-B**	Rear Wheel Cylinder, Type 1 58-64
131 611 055CH	**98-6213-B**	Rear Wheel Cylinder, Type 1 65-67
113 611 053BCH	**98-6209-B**	Rear Wheel Cylinder, Type 1 68-79, Thing 73-74

98-6209-B

211 611 047CCH	**98-6207-B**	Rear Wheel Cylinder, Type 2 thru 71
211 611 047FCH	**98-6208-B**	Rear Wheel Cylinder, Type 2 72-92
311 611 067CCH	**98-6215-B**	Rear Wheel Cylinder, Type 3 64-73

98-6208-B

VARGA Brand

113 611 057B	**98-6014-B**	Front Wheel Cylinder, Type 1 58-77 (Exc. Super Beetle) (Varga) Thing 73-74
361 611 067A	**98-6016-B**	Front Wheel Cylinder, Super Beetle (Varga)

98-6014-B

211 611 069C	**98-6017-B**	Front Left Wheel Cylinder, Type 2 64-70 (2 Required) (Varga)
211 611 070C	**98-6018-B**	Front Right Wheel Cylinder, Type 2 64-70 (2 Required) (Varga)

98-6017-B

113 611 055C	**98-6010-B**	Rear Wheel Cylinder, Type 1 58-64 (Varga)
131 611 055	**98-6013-B**	Rear Wheel Cylinder, Type 1 65-67 (Varga)
113 611 053B	**98-6009-B**	Rear Wheel Cylinder, Type 1 68-79 (Varga) Thing 73-74

98-6010-B

98-6009-B

211 611 047C	**98-6007-B**	Rear Wheel Cylinder, Type 2 thru 71 (Varga)	
211 611 047F	**98-6008-B**	Rear Wheel Cylinder, Type 2 72-92 (Varga)	**211 611 047D**

311 611 067C	**98-6015-B**	Rear Wheel Cylinder, Type 3 64-73 (Varga)

98-6007-B

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

PREMIUM BRAKE HOSE

This premium quality brake hose is made specifically for brake fluid and is cloth braided for abrasion resistance and easy gripping.

NEW!
98-0121-B

98-0121-B NEW! Brake Hose, Black, 5 Meters Long x 7.5mm I.D., 13mm O.D.
(Bulk Ref.: N20 350 1)

BRAKE HARDWARE

113 609 163	**98-6114-B**	Brake Adjuster Plug Hole, Type 1 68-79, Each
113 609 205A	**98-6115-B**	Adjusting Star, Brake Shoe, Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Each
131 609 209	**98-6116-B**	Adjusting Screw, Brake Shoe, Type 1 65-79, Ghia 65-74, Type 3 64-73, Each
211 609 209	**98-6117-B**	Adjusting Screw, Brake Shoe, Type 1 58-64, Ghia 58-64, Type 2 50-55, Each
211 609 601B	**98-6118-B**	Anchor Pin, Parking Brake Lever (use w/211 609 619), Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Each
211 609 619	**98-6121-B**	C Clip, Parking Brake Lever Pin, Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Each
211 611 477A	**98-6023-B**	Brake Bleeder Valve, Type 1 58-79, Ghia 58-74, Type 3 66-73, 6mm, Each
211 611 483	**98-6024-B**	Brake Bleeder Valve Cap, Type 1 58-79, Ghia 58-74, Type 2 50-79, Vanagon 80-92, Type 3 66-73, Each
	NEW! **98-6685**	Stainless Steel Brake Line Bracket, Skinpacked (2 pcs) Type 1 50-79, Ghia 56-74, Type 2 50-79, Type 3 64-73
113 611 715A / 113 611 715AS	NEW! **98-6685-B**	Stainless Steel Brake Line Bracket, Type 1 50-79, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each
211 611 751	NEW! **98-8611-B**	Rubber Brake Line Grommet, Type 1 50-79, Ghia 56-74, Type 3 62-73, Type 2 50-79, Each
	NEW! **98-6682**	T-Piece, Rear Brake Fluid Distributor, Skinpacked (Each) Thread Size 10mm x 1.00 Each End, Type 1 50-79, Ghia 56-74, Type 3 64-73, Each
803 611 755	**98-6682-B**	T-Piece, Rear Brake Fluid Distributor, Thread Size 10mm x 1.00 Each End, Type 1 50-79, Ghia 56-74, Type 3 64-73, Each

98-6114-B

98-6115-B

98-6116-B

98-6117-B

98-6118-B

98-6121-B

98-6023-B

98-6024-B

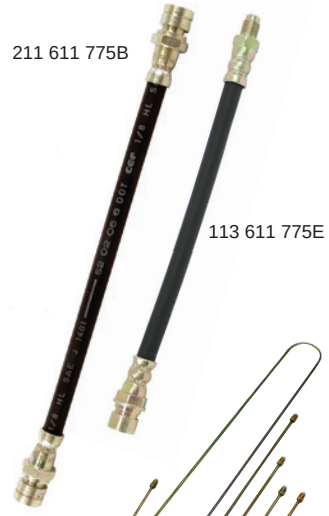
NEW!
98-6685-B

NEW!
98-8611-B

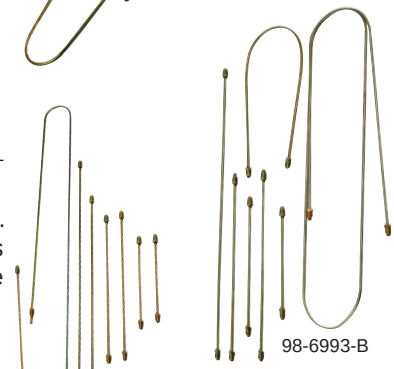
98-6682-B

BRAKE HOSES

Don't overlook the brake hoses when doing brake system work, even when hoses appear good from the outside, aging hoses can swell shut on the inside causing restricted flow resulting in pulling or binding of the brakes.

113 611 701	**98-6700-B**	Brake Hose, M/F 480mm / 19", Front, Type 1, thru 64, Type 2, 68-70
113 611 701D	**98-6701-B**	Brake Hose, M/F 380mm / 15", Front, Type 1, 67-on (Exc. Super Beetle)
113 611 701E	**98-6702-B**	Brake Hose, F/F 355mm / 14", Front, Super Beetle, 71-79 Type 2, 71-79
211 611 701	**98-6703-B**	Brake Hose, M/F 440mm / 7.50", Front, Type 1, 65-66, Type 2, 55-67
311 611 701B	**98-6704-B**	Brake Hose, Front, M/F 355mm / 14.25", Type 1 & 3, 66-on w/Disc Brakes
113 611 775E	**98-6705-B**	Brake Hose M/F 240mm / 9.75", Rear, Type 1, 68-on (I.R.S.)
211 611 775B	**98-6706-B**	Brake Hose, Rear, F/F 270mm / 10.75", Type 1/2/3, w/Swing Axle, Type 2, Right Rear 68-79
	98-6707-B	Brake Hose M/F 110mm / 4.25", Universal Applications
	98-6708-B	Brake Hose M/F 610mm / 24.50", Universal Applications
211 611 775C	**98-6709-B**	Brake Hose M/F 292mm / 11.75", Type 2, Left Rear 68-79

REPLACEMENT STEEL BRAKE LINE KITS

111 698 700	**98-6991-B**	Steel Brake Line Kit, Type 1 thru 66 (7 pcs.)
113 698 700	**98-6992-B**	Steel Brake Line Kit, Type 1 67-68 (6 pcs.)
131 698 700	**98-6993-B**	Steel Brake Line Kit, Type 1 69-77 (8 pcs.)
133 698 723 NEW!	**98-6994-B**	Steel Brake Line Kit, Type 1 S.B, 71-79 (9 pcs.)



REPLACEMENT STEEL BRAKE LINES

All 6mm Plated Steel Brake Lines with 10mm x 1.0 Bubble Flare fittings in a variety of lengths. Great for replacing your contaminated or damaged stock brake lines or designing new lines for disc brake conversions. Current stock is gold color zinc plated. Production will change to silver zinc plating.

113 611 723A	**98-9601-B**	Steel Brake Line, 7.50" Length, Each
113 611 763A	**98-9612-B**	Steel Brake Line, 8" Length, Type 1 All, Each
113 611 723G NEW!	**98-9632-B**	Steel Brake Line, 9.5" Length, Type 1 All, Each
113 611 735D	**98-9600-B**	Steel Brake Line, 10.25" Length, Each
113 611 723JA	**98-9613-B**	Steel Brake Line, 12.25" Length, Type 1 All, Each
113 611 781D	**98-9614-B**	Steel Brake Line, 13.25" Length, Type 1 All, Each
113 611 781E	**98-9615-B**	Steel Brake Line, 17" Length, Type 1 All, Each
	98-9616-B	Steel Brake Line, 20" Length, Type 1 All, Each
113 611 764C	**98-9617-B**	Steel Brake Line, 22" Length, Type 1 All, Each
113 611 764B	**98-9618-B**	Steel Brake Line, 25.25" Length, Type 1 All, Each
211 611 723A	**98-9619-B**	Steel Brake Line, 28.50" Length, Type 1 All, Each
113 611 724J NEW!	**98-9634-B**	Steel Brake Line, 32.25" Length, Type 1 All, Each
211 611 724A NEW!	**98-9633-B**	Steel Brake Line, 49" Length, Type 2 All, Each
211 611 741K NEW!	**98-9621-B**	Steel Brake Line, 86" Length, Each
803 611 755	**98-6682-B**	T-Piece, Rear Brake Fluid Distributor, Thread Size 10mm x 1.00 Each End, Type 1, 50-79, Ghia, 56-74, Type 3, 64-73, Each

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98-6091-B

BRAKE SHOE SETS

High quality bonded Brake Shoe Sets. Sold in sets of 4 shoes (Axle Set).
(All shoes are new, outright, no core). **Industry P/N is now included.**

113 609 237A		**98-6090-B**	Brake Shoe Set, Front or Rear, Type 1 49-57 **(162)**
113 609 237D		**98-6091-B**	Brake Shoe Set, Front, Type 1 58-64, **(167)**
131 609 237C		**98-6093-B**	Brake Shoe Set, Front, Type 1 65-77 (Exc. S/B), **(269)** Thing 73-74

98-6093-B

113 609 237H		**98-6092-B**	Brake Shoe Set, Front, Super Beetle 71-79, **(392)**
113 609 237A		**98-6090-B**	Brake Shoe Set, Front or Rear, Type 1 49-57 **(162)**
113 609 537B		**98-6095-B**	Brake Shoe Set, Rear, Type 1 58-64, **(168)**
131 609 537C		**98-6097-B**	Brake Shoe Set, Rear, Type 1 65-67, **(270)**
113 609 537C		**98-6096-B**	Brake Shoe Set, Rear, Type 1 68-79, Thing 73-74, **(315)**

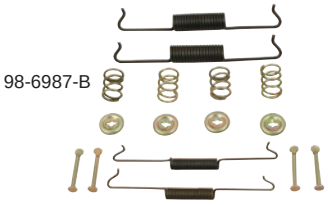
98-6094-B

211 609 237B	NEW!	**98-8729-B**	Brake Shoe Set, Front, **Type 2** 55-63, **(165)**
211 609 237D		**98-6094-B**	Brake Shoe Set, Front, **Type 2** 64-70, **(297)**

TYPE 2

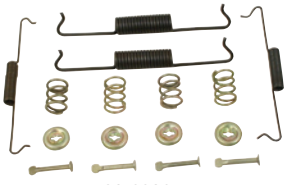
211 609 537B	NEW!	**98-8725-B**	Brake Shoe Set, Rear, **Type 2** 55-63, **(166)**
211 609 537E		**98-6098-B**	Brake Shoe Set, Rear, **Type 2** 64-70, **(298)**
211 609 537J	NEW!	**98-8726-B**	Brake Shoe Set, Rear, **Type 2** 71 Only, **(374)**
211 609 533B	NEW!	**98-8727-B**	Brake Shoe Set, Rear, **Type 2** 72-73, **(397)**
211 609 537N	NEW!	**98-8728-B**	Brake Shoe Set, Rear, **Type 2** 73-79, **(421)**

TYPE 2


98-6987-B

BRAKE HARDWARE KITS

131 698 237C	**98-6987**	Brake Hardware Kit, Front, Type 1 65-77, Thing 73-74
113 698 237D	**98-6986**	Brake Hardware Kit, Front, Type 1 58-64
113 698 237H	**98-6988**	Brake Hardware Kit, S/B, Front, Type 1 71-79
113 698 537B	**98-6989**	Brake Hardware Kit, Rear, Type 1 58-66, Ghia 58-66
113 698 537C	**98-6990**	Brake Hardware Kit, Rear, Type 1 67-79, Ghia 67-74
311 698 071	**98-6881-B**	Brake Shoe Hardware Kit, (1 Wheel), Type 1 65-79, Ghia 65-74, Thing 73-74


98-6986-B

98-6988-B

98-6989-B

98-6990-B

98-6881-B

99% of the calls we received concerning problems with brake installation comes down to 1 problem...**AIR IN THE LINES**.
Tech Tip: After having bled the brake system 2 or 3 times…a spongy pedal, pads dragging, etc., is almost always caused by air being trapped in the in the system.

Be sure to Bench Bleed a new master cylinder if installed. There are a few different '1-Man Bleeders' available - Mityvac and others. Use our new Quick Bleeders...make it easy on yourself and your helpers.

If installing new Disc Brake Calipers, rotate them to where the bleeder is around 12 O'Clock for bleeding...easier to get the air going straight up...then rotate them into position when you are done.

When all else fails, take the car to a professional for bleeding and adjusting. Small price to pay if you do not have the patience!

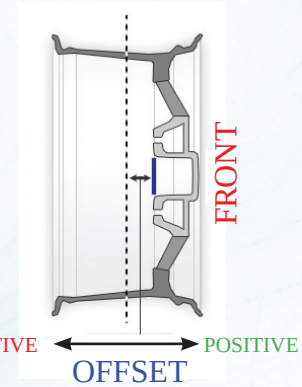
Wheel Tech

The applications listed with the wheels in this catalog are very basic. There are many variables when installing aftermarket wheels. Clearance issues - fender, brake, shock tower...wheel stud & lug nut/bolt length, size and more. There may be fitment challenges when mounting aftermarket wheels. Some wheels may require spacers to clear disc brake calipers or a long snout on a brake drum. Some may not fit with certain disc brake kits at all...some may not fit with certain brake Drums. Some may not fit within the fender area with spacers. Measure and calculate as much as possible BEFORE purchasing wheels. Then be certain to fit the wheel on your vehicle BEFORE MOUNTING tires on the wheels. Once tires are mounted, the wheels cannot be returned.

EMPI Wheel Patterns, or PCDs:

5 X 205 – VW to 1967 (12mm Lug Bolt)
4 X 130 – VW 68 & Later (14 mm Lug Bolt)
5 X 112 – VW Bus 71 & Later (14mm Lug Bolt)
5 X 100 – New Beetle (14mm Lug Bolt)
5 X 130 – Porsche Pattern (14mm Lug Nut)
(which will require wheel adapters or modified drums/rotors for use on a VW)

TESTED TO JWL / VIA STANDARDS

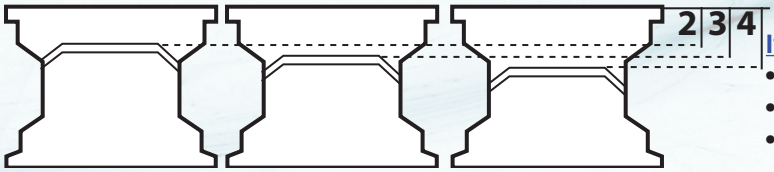


EMPI Wheels are Triple Chrome Plated, not sprayed, as is the case with some competitors. This process yields a brilliant show quality Chrome finish and ensures years of protection that will polish to a lasting shine.

Wheel Off-set or ET

Off-set is the distance in mm between the center line of the wheel rim, and the hub mounting surface of the wheel. You can have positive (+), negative (-) or neither (0). Off-set determines the position of the wheel under the fender.

How to Measure Wheel Backspace



Items Required to Measure Wheel Backspace:

- Tape Measure
- Straight Edge
- Wheel w/o Tire (preferred)

The easiest way to measure backspace is to place the wheel face down on the floor so the backside of the wheel is facing up. Lay a straight edge diagonally across the inboard flange of the wheel. With a tape measure, measure the distance from where the straight edge contacts the inboard flange to the hub mounting pad of the wheel. This measurement is backspace. The above drawing shows three wheels with 2", 3", and 4" backspace.

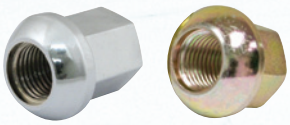
It is imperative that the correct Lug Nuts/Bolts are used to secure the wheel to the vehicle. All Lug Bolts need to be checked to be certain that they are not interfering with internal brake parts. All Lug Nuts need to be checked to be certain that they are in fact tightening the wheel to the rotor/drum and not bottoming out on the stud leaving the wheel loose. This is the responsibility of the installer.

Lug Nuts / Bolts

60° Conical (Tapered) Lug Nuts/Bolts All EMPI Wheels (except wheels with 5 X 130 PCD) are made for 60° Conical (Tapered) Lug Nuts/Bolts.

Ball Seat (Rounded) Lug Nuts/Bolts

All EMPI Wheels with a 5 X 130 PCD are made for Ball Seat (Rounded) Lug Nuts/Bolts as are Bead-Lock and Off-Road Wheels. (Except 5 X 112 PCD Wheels).



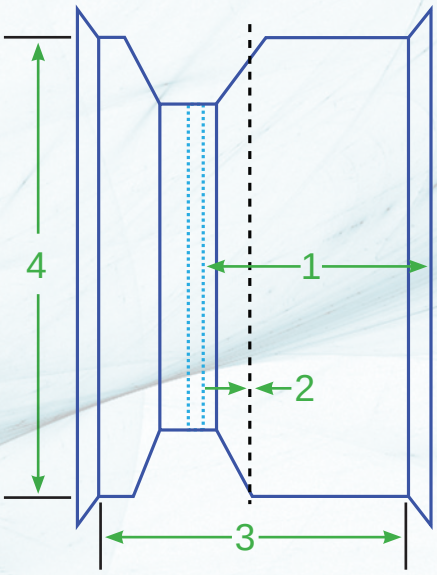
Small Diameter or "Tuner" Lug Nuts/Bolts

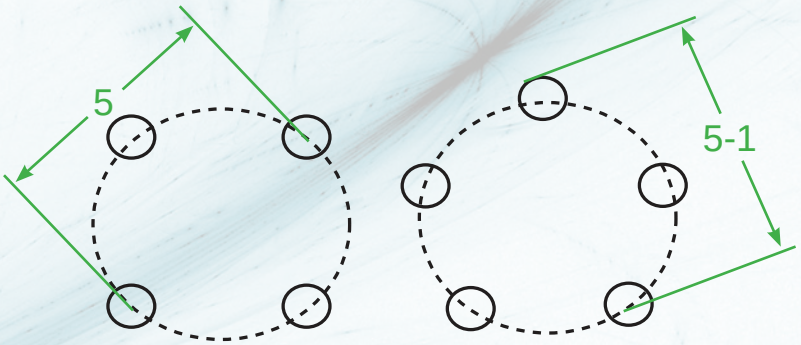
EMPI 5 X 112 and 5 X 100 PCD Wheels are made for Small Diameter or "Tuner" Lug Nuts/Bolts. The PCD is small and close to the center hub, requiring a smaller Lug Nut Bore.

LUGNUTS SEE PAGES 335-339

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

Identifying Wheel Dimensions





1. Back Spacing
From the inside of the wheel where it contacts the hub to the inside edge of the wheel.

2. ET
From the inside of the wheel where it contacts the hub to the Center of the wheel.

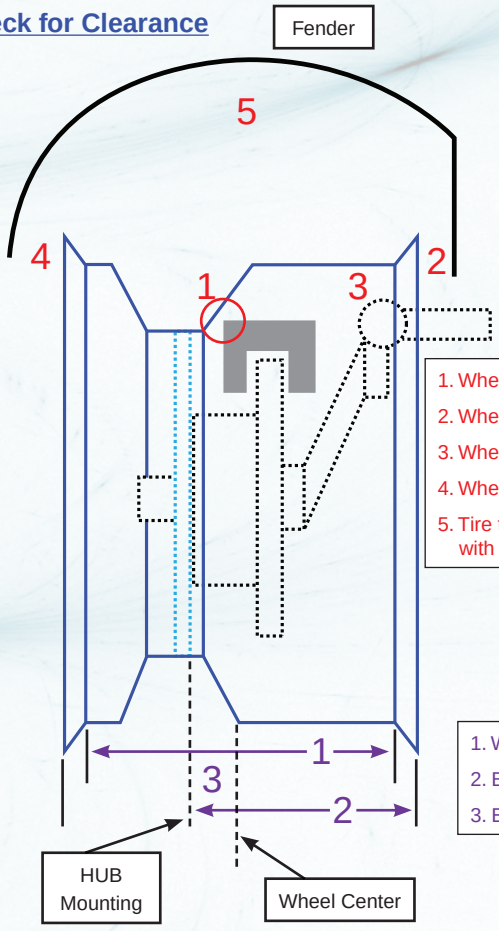
3. Rim Width
From the inside of the outer lip at the bead seating point to the inner lip.

4. Rim Diameter
The measured diameter of the wheel from the bead seating point (not the outer edge).

5. PCD - Bolt Pattern
4-Lug Wheel is a direct measurement.

5-1. 5-Lug Wheel measures 'approximately' from one hole to the outer edge of the hole diagonally across from it.

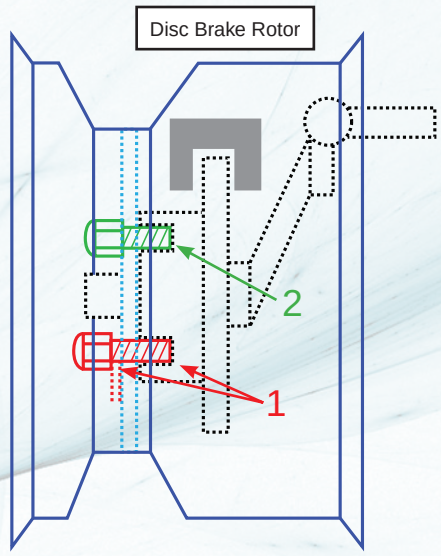
Check for Clearance



1. Wheel and Brake Caliper
2. Wheel to Inner Apron / Chassis
3. Wheel to Suspension Parts
4. Wheel to Outer Fender
5. Tire to Fender -
with Suspension fully collapsed

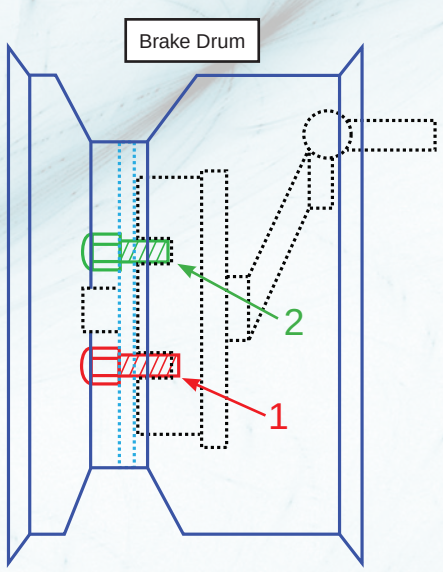
1. Wheel Width
2. Backspacing
3. ET

Proper Lug Bolt Length



Measure for proper Lug Bolt Length

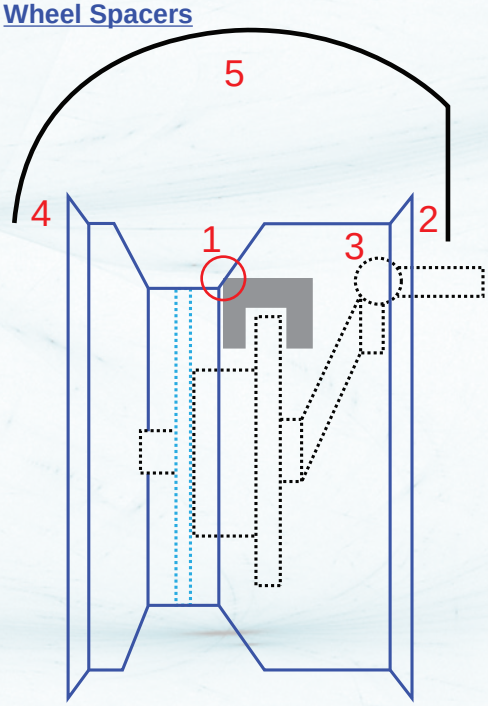
1. Lug Bolt Length - must not bottom out in hub while leaving a gap - therefore not seating the wheel.
2. Lug Bolt must seat and secure wheel to hub.



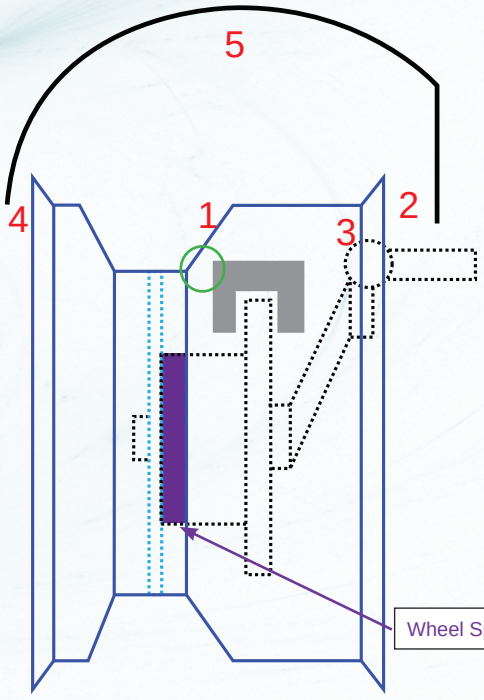
Measure for proper Lug Bolt Length

1. Lug Bolt Length - must not extend into drum and interfere with brake parts.
2. Lug Bolt must seat and secure wheel to hub while not touching internal brake parts.

Wheel Spacers



1. Brake Caliper
2. Inner Fender / Apron
3. Suspension
4. Outer Fender



Wheel Spacers...

This example shows that when the wheel is placed on the hub for mounting - the wheel does NOT clear the Brake Caliper.

To gain the necessary clearance, a Wheel Spacer may be used. Install the narrowest Wheel Spacer possible to allow enough clearance between the Wheel and the Brake Caliper.

Remember -adding the Wheel Spacer thickness reduces the off-set and brings the wheel out closer to your fender. You must re-check for ALL other clearance issues.

This example shows that when the wheel is placed on the hub for mounting with the addition of a Wheel Spacer - the wheel clears the Brake Caliper.

By adding the Wheel Spacer thickness, the off-set has been reduced and the wheel is now closer to your fender.

You must re-check for ALL other clearance issues.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

RACE-TRIM BEAD-LOCK WHEELS

Pressure-Cast Aluminum Wheels with Forged Bead- Lock Rings and Grade 8 Hardware. These wheels are built for the Dirt...and Sand. Wheels feature a Machine finish. All Bead-Lock wheels are drilled and tapped 48 times. Bead-Lock Rings are available in your choice of Polished Aluminum or Powder-Coated Candy Red, Candy Blue or Matte Black.

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	P/N
15	4	Machine Finished (Wheel Only)	-19	1¾	Ball	5x205	9764
	7	Machine Finished (Wheel Only)	-32	2⅝	Ball	5x205	9765
	12	Machine Finished (Wheel Only)	-32	5⅛	Ball	5x205	9767

5x205

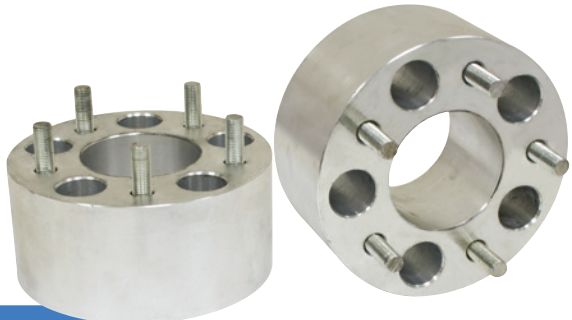
- Pressure Cast Aluminum Wheels
- Ball Seat Lugs
- Forged Bead-Lock Rings (Sold Separately)
- Grade 8 Bolts w/ Hardened Washers (Sold Separately)
- **For Off-Road Use Only**

Bead-Lock Hardware should only be used for 1 installation. Discard and install New hardware when removing or replacing Bead-Lock Ring Bolts for any reason.

Hardware Sold Separately

LUGNUTS SEE PAGES 335-339

24 Grade 8 Bolts, Zinc
5/16" x 18 x 1" Long
24 Hardened Washers, Zinc
For One Wheel and Ring



EMPI 3" BILLET ALUMINUM WHEEL SPACERS

Extra clearance for wider tires, larger coil springs or just to compensate for the off-set of your wheels. Will fit EMPI Microstub Brake Kits. These spacers are made from Billet Aluminum, 3" thick and feature dual 5 x 4 3/4" lug patterns with 14mm x 1.5 studs installed.

9485 3" Wheel Spacers, Pair

Bead-Lock Rings

POWDERCOATED

SIZE (IN)	Rings for Bead-Lock Wheels	P/N
15	Polished Ring w/o Hardware, Each	9769
15	Candy Red Ring w/o Hardware, Each	9774
15	Candy Blue Ring w/o Hardware, Each	9775
15	Matte Black Ring w/o Hardware, Each	9776
15	Hardware Kit for 15" Wheel (24 pairs)	9782

Bead-Lock Hardware should only be used for 1 installation. Discard and install New hardware when removing or replacing Bead-Lock Ring Bolts for any reason.

Race-Trim Off-Road Wheels

9761

10-1105

- Pressure Cast Aluminum Wheels
- Ball Seat Lugs
- **For Off-Road Use Only**

Spindle-Mount Wheel Kit

- Uses stock Link Pin Bearings & Seals. Includes wheel bearings with races installed, seal and chrome dust cap w/ logo.

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	P/N
15	4	Machine Finished (Wheel Only)	-19	1¾	Ball	5x205	9761
	6.5	Machine Finished (Wheel Only)	-32	2⅝	Ball	5x205	9762
16	4	Machine Finished (Wheel Only)	-19	1¾	Ball	5x205	10-1104
15	4	Spindle Mount Machine Finish (Kit)	0	0	N/A	Link Pin	10-1105

LUGNUTS SEE PAGES 335-339

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

NEW! REBEL

SUPPLIED WITH LOGO

LUGNUTS
SEE PAGES 335-339

NEW! CORSA

5x205 Early Bug, Ghia, Early Bus

NEW! CORSA

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5.5	Gun Metal Grey w/ Polished Lip	14	3.75	60°	5x205	15.4	10-1121

All wheels come with chrome plated plastic cap w/ logo, chrome valve stem and stainless steel cap screws.

5x205 Early Bug, Ghia, Early Bus

NEW! REBEL

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5.5	Gloss Black w/ Polished Lip & Ribs	20	4	60°	5x205	15.6	10-1120

All wheels come with black metal cap that attaches from the rear with a wire clip and chrome valve stem. Supplied with black EMPI logo that you can attach if desired.

GASSER

4x130

5x112

5x130

With metal stainless steel cap

LUGNUTS
SEE PAGES 335-339

4x130 *Late Bug / Ghia*

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Face	25	4¼	60°	4x130	17	10-1080

Comes w/ chrome logo cap & chrome valve stem.

5x112 *Late Bus, 1971 & Later*

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Face	20	4	60°	5x112*	17	10-1082

* Requires Special Lug Nuts - See page 338

Comes w/ chrome logo cap & chrome valve stem.

5x130 *Early Bug, Late Bug / Ghia, Early Bus, Late Bus / Porsche*

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Face	45	5	Ball	5x130	17	10-1081

Comes w/ chrome logo cap & chrome valve stem.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

4-SPOKE

LUGNUTS
SEE PAGES 335-339

4x130 *Late Bug / Ghia*

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	All Chrome	25	4½	60°	4x130	13½	10-1094
	5½	Anthracite w/ Polished Lip	25	4½	60°	4x130	13½	10-1093
	5½	Matte Black w/ Polished Lip	25	4½	60°	4x130	13½	10-1092

All wheels come with chrome plastic cap w/ logo and chrome valve stem.

COSMO

5x112

Featuring Round Hole Pattern

Black cap w/ black EMPI logo

Featuring Round Hole Pattern

5x130

5x205

4x130

Featuring Original "V" Hole Pattern

LUGNUTS SEE PAGES 335-339

4x130 *Late Bug / Ghia*

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Face	35	4½	60°	4x130	16	10-1100

Black metal cap with black logo & chrome valve stem.
Cap & Ring are installed from the Front of the wheel.

5x112 *Late Bus, 1971 & Later*

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Face	20	4	60°	5x112*	14	10-1084

* Requires Special Lug Nuts - See page 338

Black metal cap with black logo & chrome valve stem.
Cap & Ring are installed from the Rear of the wheel.

5x130 *Early Bug, Late Bug / Ghia, Early Bus, Late Bus / Porsche*

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Face	45	5	Ball	5x130	14	10-1083

Black metal cap with black logo & chrome valve stem. Cap & Ring are installed from the Rear of the wheel.

5x205 *Early Bug, Ghia, Early Bus*

When installing this wheel on the rear of a 1970 and earlier 5x205 bus, the wheel cap will not fit on, due to how far out the stub axle nut is. Order 10-1106 Caps seperately, see page 329.

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Face	22	4⅛	60°	5x205	17½	10-1101

Black metal cap with black logo & chrome valve stem.
Cap & Ring are installed from the Front of the wheel.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

BRM

CLASSIC BRM'S FOR YOUR NEW BEETLE OR LATE MODEL BUG OR GHIA

5x100 New Beetle

1998 to 2010 only. After these years, they have a different bolt pattern.

CHROME

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
17	7	All Chrome	40	5 3/8	60°	5x100*	21	9737*
	7	Gloss Black w/ Polished Lip & Spoke Edges	40	5 3/8	60°	5x100*	20 1/2	9736*

* Comes with chrome plastic cap w/ EMPI logo and chrome valve stem.

* Requires Special Lug Nuts - See page 338

LUGNUTS
SEE PAGES 335-339

4x130 Late Bug / Ghia

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	4 1/2	Gloss Black w/ Polished Lip & Spoke Edges	15	3 3/4	60°	4x130	12 1/2	9734
	5 1/2	Gloss Black w/ Polished Lip & Spoke Edges	15	3 3/4	60°	4x130	13 1/2	9735

All wheels come with cap and chrome valve stem.

BRM

9675

9730

10-1086

CHROME

5x205 Early Bug, Ghia, Early Bus

When installing this wheel on the rear of a 1970 and earlier 5x205 bus, the wheel cap will not fit on, due to how far out the stub axle nut is. Order 9704 Caps seperately, see page 328.

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5	All Chrome	14	3 7/16	60°	5x205	14 1/2	9722*
	5	Gloss Black w/ Polished Lip & Spoke Edges	14	3 7/16	60°	5x205	14	9676
	5	Matte Black w/ Matte Silver Lip & Spoke Edges	14	3 7/16	60°	5x205	14	9675
	6 1/2	All Chrome	12	4 1/8	60°	5x205	17 1/2	9730*
	6 1/2	Gloss Black w/ Polished Lip & Spoke Edges	12	4 1/8	60°	5x205	17	9729
17	7	All Chrome	42	5 5/8	60°	5x205	20	10-1087*
	7	Gloss Black w/ Polished Lip & Spoke Edges	42	5 5/8	60°	5x205	18	10-1086

All wheels come with cap and chrome valve stem.
* Comes with chrome cap and chrome valve stem.

LUGNUTS
SEE PAGES 335-339

5x112 Late Bus 1971 & Later

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5 1/2	All Chrome	12	3 5/8	60°	5x112*	16 1/2	9731*
	5 1/2	Gloss Black w/ Polished Lip & Spoke Edges	12	3 5/8	60°	5x112*	16	9697
17	7	All Chrome	40	5 1/2	60°	5x112*	20	10-1089*
	7	Gloss Black w/ Polished Lip & Spoke Edges	40	5 1/2	60°	5x112*	18	10-1088

All wheels come with cap and chrome valve stem.
* Comes with chrome cap and chrome valve stem.
* Requires Special Lug Nuts - See page 338

9697

10-1089

Tall Cap (P/N 9704)
1 1/4" Tall
Sold Separately
See page 328

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

15"

9694

17"

9745

Logo on Cap for all 911 Alloy Wheels

5x112 Late Bus 1971 & Later

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	All Chrome	20	4	60°	5x112*	16½	9694
	5½	Matte Black w/Matte Silver*	20	4	60°	5x112*	15½	9728
	7	Matte Black w/Matte Silver*	40	5½	60°	5x112*	21	9745

CHROME

Chrome & Polished wheels come w/ chrome logo cap & chrome valve stem.
Black/Silver wheels come w/ silver logo cap & chrome valve stem.
* Clear-Coated w/ matching Silver Cap.
* Requires Special Lug Nuts - See page 338

5x205 Early Bug, Ghia, Early Bus

When installing this wheel on the rear of a 1970 and earlier 5x205 bus, the wheel cap will not fit on, due to how far out the stub axle nut is. Order 10-1107 Caps seperately, see page 328.

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	4½	Polished w/Black	20	3½	60°	5x205	13	10-1108
	4½	All Chrome	20	3½	60°	5x205	14	10-1109
	5½	Polished w/Black	20	4	60°	5x205	14	10-1110
	5½	All Chrome	20	4	60°	5x205	15	10-1111

Chrome & Polished wheels come w/ chrome logo cap & chrome valve stem.

LUGNUTS
SEE PAGES 335-339

10-1108

5x205

10-1111

5x130 Early Bug, Late Bug / Ghia, Early Bus, Late Bus / Porsche

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	4½	All Chrome	45	4½	Ball	5x130	15	9677
	4½	Polished	45	4½	Ball	5x130	14½	9678
	4½	Matte Black w/Matte Silver*	45	4½	Ball	5x130	14½	9726
	5½	All Chrome	45	4 15/16	Ball	5x130	16	9679
	5½	Polished	45	4 15/16	Ball	5x130	15½	9680
	5½	NEW DESIGN Gloss Black w/ Polished Lip & Spokes	45	4 15/16	Ball	5x130	15½	9727
	6	All Chrome (Different Spoke Design)	35	4⅞	Ball	5x130	16	10-1102
	6	Polished (Different Spoke Design)	35	4⅞	Ball	5x130	15	10-1103
17	7	All Chrome	40	5½	Ball	5x130	22	9738
	7	NEW DESIGN Gloss Black w/ Polished Lip & Spokes	40	5½	Ball	5x130	21	9739

Chrome & Polished wheels come w/ chrome logo cap & chrome valve stem.
Black/Silver wheels come w/ silver logo cap & chrome valve stem.
* Clear-Coated w/ matching Silver Cap.

CHROME

15"

9677

9679

9726

10-1102 (Different Spoke Design 15"x6")

POLISHED NOT SILVER

LUGNUTS SEE PAGES 335-339

911 ALLOY

Logo on Cap for all 911 Alloy Wheels

17"

NEW DESIGN Gloss Black w/ Polished Lip & Spokes

9739

9738

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

SMOOTHIE

LUGNUTS
SEE PAGES 335-339

REVOLVER

4x130 Late Bug / Ghia REVOLVER

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Polished	5	3⅜	60°	4x130	13	10-1115

All wheels come with chrome plastic cap w/ logo and chrome valve stem.

4x130 Late Bug / Ghia SMOOTHIE

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Polished	5	3⅜	60°	4x130	13	10-1098

All wheels come with chrome plastic cap w/ logo and chrome valve stem.

RIVIERA

Standard Cap
Packaged w/ Wheel
5/8" Inside Height

Tall Cap (P/N 10-1106)
3/8" Additional Clearance
for Drums / Rotors with
Longer Snout
1" Inside Height
Sold Separately
See page 329

CHROME

LUGNUTS
SEE PAGES 335-339

914 ALLOY

Standard Cap
Packaged w/ Wheel
5/8" Inside Height

Tall Cap (P/N 10-1106)
3/8" Additional Clearance
for Drums / Rotors with
Longer Snout
1" Inside Height
Sold Separately
See page 329

914 ALLOY — Late Bug / Ghia 4x130

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	All Chrome	35	4½	60°	4x130	16	9723
	5½	Gloss Black w/ Polished Lip & Spokes	35	4½	60°	4x130	15	9681

All wheels come with chrome plastic cap w/ logo and chrome valve stem.

RIVIERA — Late Bug / Ghia 4x130

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Gloss Black w/ Polished Lip & Spokes	17	3⅞	60°	4x130	14½	9732

All wheels come with chrome plastic cap w/ logo and chrome valve stem.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

TORQUE STAR

LUGNUTS
SEE PAGES 335-339

5-RIB

CHROME

5-RIB

Early Bug / Ghia, Early Bus

5x205

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	All Chrome	12	3⅝	60°	5x205	16½	9751
	5½	Anthracite w/ Polished Lip	12	3⅝	60°	5x205	15½	9750

All wheels come with chrome plastic cap w/ logo, chrome valve stem, and stainless steel cap screws.

TORQUE STAR

Early Bug / Ghia, Early Bus

5x205

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5	Anthracite w/ Polished Lip	16	3½	60°	5x205	13	9754

All wheels come with chrome plastic cap w/ logo and chrome valve stem.

Clearancing or Spacers may be necessary for some disc brake calipers.
Be certain to check for clearance. Will fit all drum brakes on Type 1.

10-1090

9752

9753

10-1091

LUGNUTS
SEE PAGES 335-339

CHROME

RAIDER

Early Bug / Ghia, Early Bus 5x205

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5	All Chrome	20	3¾	60°	5x205	14	9753
	5	Anthracite w/ Polished Lip	20	3¾	60°	5x205	13	9752
17	7	All Chrome	40	5½	60°	5x205	19	10-1091
	7	Anthracite w/ Polished Lip	40	5½	60°	5x205	19	10-1090

Wheels come with chrome plastic cap and chrome valve stem.
The 17" Raider is different than the 15" Raider.

When installing this wheel on a 5x205 Brake Drum, a 3/8" wheel spacer (P/N 16-9925) must be used.
When installing on Rotor, P/N 22-2961-B, P/N 16-9925 spacer must be used.
The wheel fits rotor P/N 22-2962-B without a spacer.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

4x130

5x205

5x112

Late Bus, 1971 & Later

EMPI DISH

Early Bug / Ghia, Late Bug / Ghia, Late Bus

LUGNUTS
SEE PAGES 335-339

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	Machine Finished	17	3¾	60°	4x130	14½	9748
	5½	Machine Finished	23	4	60°	5x112*	14½	9749
	5½	Machine Finished	23	4	60°	5x205	12	9747

All wheels come with chrome plastic cap w/ logo and chrome valve stem.
* Requires Special Lug Nuts - See page 338

9688

Standard Cap
Packaged w/ Wheel
5/8" Inside Height

Tall Cap (P/N 10-1106)
3/8" Additional Clearance
for Drums / Rotors with
Longer Snout
1" Inside Height
Sold Separately
See page 329

4x130 SPRINTSTAR

Early Bug / Ghia, Late Bug / Ghia, Late Bus

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5	Gloss Black w/ Polished Lip & Spokes (8 Spoke)	25	4	60°	4x130	14½	9688

CHROME

9689

9725

Standard Cap
Packaged w/ Wheel
5/8" Inside Height

Tall Cap (P/N 10-1106)
3/8" Additional Clearance
for Drums / Rotors with
Longer Snout
1" Inside Height
Sold Separately
See page 329

When installing this wheel on the rear of a 1970 and earlier 5x205 bus, the wheel cap will not fit on, due to how far out the stub axle nut is. Order 10-1106 Caps seperately, see page 329.

5x205 SPRINTSTAR

Early Bug / Ghia, Early Bus, Late Bug / Ghia

LUGNUTS
SEE PAGES 335-339

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5	All Chrome (5 Spoke)	20	3¾	60°	5x205	16	9725
	5	Gloss Black w/ Polished Lip & Spokes (5 Spoke)	20	3¾	60°	5x205	15	9689

All wheels come with chrome plastic cap w/ logo and chrome valve stem.
Clearancing May Be Necessary For Some Disc Brake Calipers.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

5x205

CHROME

LUGNUTS
SEE PAGES 335-339

GT-5

Early Bug / Ghia, Early Bus, Late Bus

5x112

Late Bus, 1971 & Later

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	All Chrome	20	4	60°	5x205	16	9686
	5½	Polished	20	4	60°	5x205	15	9687
	5½	Gloss Black w/ Polished Lip	20	4	60°	5x205	15	9690
	5½	Silver w/ Polished Lip	20	4	60°	5x205	15	9691
	5½	All Matte Black w/ Matching Cap	20	4	60°	5x112*	15	9662
	5½	Silver w/ Polished Lip	20	4	60°	5x112*	15	9695

Wheels come with chrome plastic cap w/ logo, chrome valve stem, and stainless steel cap screws.
All Matte Black wheels come with black plastic cap w/ logo, chrome valve stem, and stainless steel cap screws.
* Requires Special Lug Nuts - See page 338

On 5x112 Applications, the two bolts that hold the drum to the hub must be removed for the wheel to mount flush.

YOU CAN PAINT TO MATCH YOUR RIDE

SIZE (in.)		STYLE	ET	B/S (in.)	SEAT	PCD	WEIGHT	P/N
15	5½	All Chrome	30	4⅜	60°	4x130	15	9683
	5½	Polished	30	4⅜	60°	4x130	14½	9684
	5½	Gloss Black w/ Polished Lip	30	4⅜	60°	4x130	14½	9682
	5½	Silver w/ Polished Lip	30	4⅜	60°	4x130	14½	9685

Wheels come with chrome plastic cap w/ logo, chrome valve stem, and stainless steel cap screws.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

BRM REPLACEMENT CAPS

Note	Part #
Low Cap w/ BRM, EMPI, & Speedwell, Cap Only *	9705
Chrome Low Cap w/ BRM, EMPI, & Speedwell, Cap Only *	9715
Tall Cap 1¼" w/ BRM, EMPI, & Speedwell, Cap Only	9704
Chrome Plastic Low Cap w/ EMPI Logo, New Beetle Only **	9733

* Supplied with Wheels Push-On Aluminum Cap with Metal Ring ** Push-On Chrome Plated Plastic Cap with Metal Ring

9705*

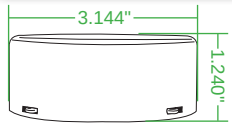
9715*

9704

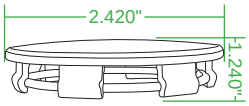
Backside

9733**

9705 / 9715
.435" High
3.144" Wide
Fits 3.150" Wheel Hole Size



9704
1.240" High
3.144" Wide
Fits 3.150" Wheel Hole Size



9733
.660" High
2.420" Wide
Fits 2.200" Wheel Hole Size

911 ALLOY & GASSER REPLACEMENT CAPS

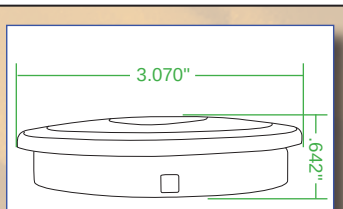
Note	Part #
Chrome Stainless Steel Cap (EMPI Logo), Cap Only *	9718
Silver Cap (EMPI Logo), Cap Only *	9717

* Supplied with Wheels Push-On Metal Cap

*9718

*9717

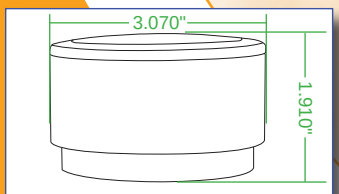
*Chrome and Silver Caps



9717 / 9718
.642" High
3.070" Wide
Fits 2.750" Wheel Hole Size

911 ALLOY & GASSER BILLET EXTENDED WHEEL CAP

Note	Part #
Polished Billet Aluminum with the EMPI logo Chrome Stainless Steel Cap for use with the 911 & Gasser style wheels when extra clearance is required for those long-snout drums or rotors. 1" Deep Inside and attaches to the wheel with provided Allen Screws. **(Not Supplied with Wheel)**	
911 & Gasser Billet Extended Wheel Caps, Pair*	10-1107



10-1107
1.910" High
3.070" Wide
Fits 2.750" Wheel Hole Size

Installed

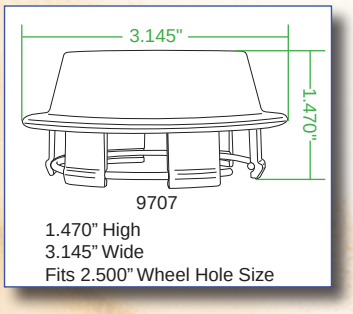
10-1107

SPRINTSTAR, RIVIERA, & 914 REPLACEMENT CAP

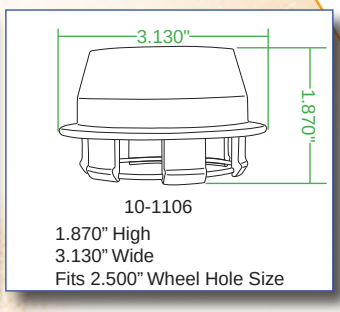
Note	Part #
Cap Only w/ EMPI Logo, Push-On Chrome Plated Plastic w/ Ring Standard Cap Packaged w/ Wheel, 5/8" Inside Height*	9707
Tall Cap Only w/ EMPI Logo Push-On Chrome Plated Plastic w/ Ring **(Not Supplied with Wheel)** 3/8" Additonal Clearance for Drums / Rotors with Longer Snout, 1" Inside Height	10-1106*

*Supplied with wheels

*See pages 321 and 325 for information



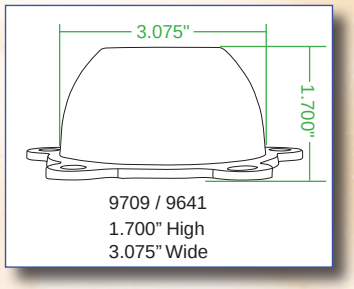
9707
1.470" High
3.145" Wide
Fits 2.500" Wheel Hole Size



10-1106
1.870" High
3.130" Wide
Fits 2.500" Wheel Hole Size

CORSA, 5-RIB & GT-5 REPLACEMENT CAP

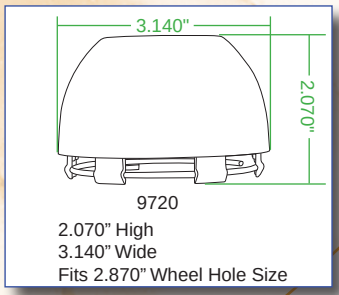
Note	Part #
Chrome Cap Only w/ EMPI Logo and S/S Hardware, Chrome Plated Plastic	9709
Black Cap Only w/ Black EMPI Logo and S/S Hardware	9641
S/S Allen Bolts for Center Cap, Package of 5	9698



9709 / 9641
1.700" High
3.075" Wide

TORQUE STAR & EMPI DISH REPLACEMENT CAP

Note	Part #
Cap Only w/ EMPI Logo Push-On Chrome Plated Plastic with Ring	9720

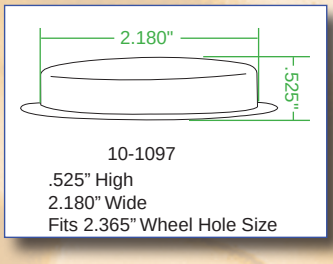


9720
2.070" High
3.140" Wide
Fits 2.870" Wheel Hole Size

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

REBEL & COSMO REPLACEMENT CAP

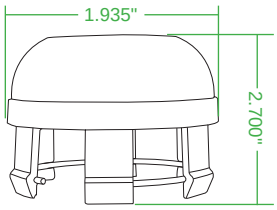
Note	Part #
Cap Only w/ Black EMPI Logo, Black Metal with Metal Ring	10-1097



10-1097
.525" High
2.180" Wide
Fits 2.365" Wheel Hole Size

4-SPOKE REPLACEMENT CAP

Note	Part #
Cap Only w/ EMPI Logo, Chrome Plated Plastic	10-1096

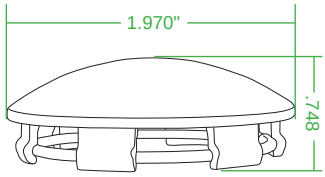


10-1096
2.700" High
1.935" Wide
Fits 2.475" Wheel Hole Size

RAIDER REPLACEMENT CAP

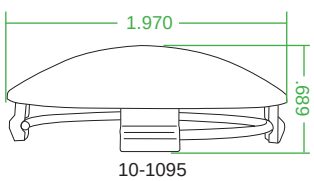
Note	Part #
Cap Only (Plain) for 15" Raider, Push-On Chrome Plated Plastic with Ring	9721
Black Cap Only (Plain) for 15" Raider, Push-On Plastic with Ring	9642
Cap Only (Plain) for 17" Raider, Push-On Chrome Plated Plastic with Ring	10-1095

6 Prong



9721 / 9642
.748" High
1.970" Wide
Fits 1.782" Wheel Hole Size

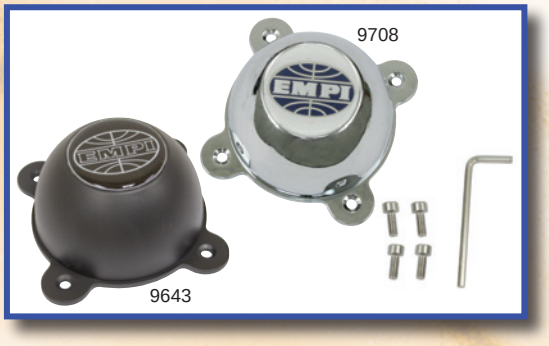
4 Prong

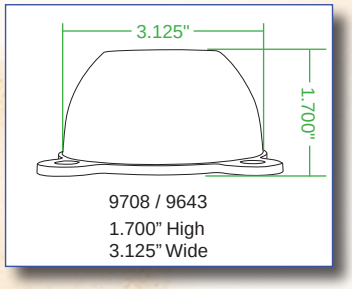


10-1095
.689" High
1.970" Wide
Fits 1.860" Wheel Hole Size

GT-8 REPLACEMENT CAP

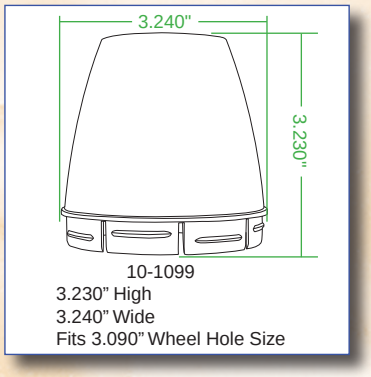
Note	Part #
Chrome Cap Only w/ EMPI Logo and S/S Hardware, Chrome Plated Plastic	9708
Black Plastic Cap Only w/ Black EMPI Logo and S/S Hardware	9643
S/S Allen Bolts for Center Cap, Package of 5	9698





SMOOTHIE REPLACEMENT CAP

Note	Part #
Cap Only w/ EMPI Logo, Chrome Plated Plastic	10-1099



VALVE STEMS

Chrome Valve Stem with Hex Cap - same stem that is supplied with EMPI wheels.

9710 Chrome Valve Stems, Set of 4

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

10-1002

10-1016

WHITE SPOKE STEEL WHEELS

Powder-Coated White Spoke Wheels. Available in 4 & 5 Lug and 5 widths. Valve Stem hole is 11.3mm.

(See pages 335-339 for chrome lug bolts, locks....etc.)

Part No.	Size / Spec	Back Spacing
10-1002	4 Lug 15 x 5" Wide	2 1/2"
10-1003	4 Lug 15 x 6" Wide	3 3/4"
10-1004	4 Lug 15 x 7" Wide	3 1/2"
10-1005	4 Lug 15 x 8" Wide	2"
10-1006	4 Lug 15 x 10" Wide	2"
10-1014	5 Lug 15 x 5" Wide	2 7/8"
10-1015	5 Lug 15 x 6" Wide	3 1/4"
10-1016	5 Lug 15 x 7" Wide	3 1/2"
10-1017	5 Lug 15 x 8" Wide	3"
10-1018	5 Lug 15 x 10" Wide	3 1/2"

10-1008

10-1020

CHROME SPOKE STEEL WHEELS

Gleaming Chrome Spoke Wheels. Available in 4 & 5 Lug and 6 widths. Valve Stem hole is 11.3mm.

(See pages 335-339 for chrome lug bolts, locks....etc.)

Part No.	Size / Spec	Back Spacing
10-1008	4 Lug 15 x 5" Wide	2 1/2"
10-1009	4 Lug 15 x 6" Wide	3 3/4"
10-1010	4 Lug 15 x 7" Wide	3 1/2"
10-1011	4 Lug 15 x 8" Wide	2"
10-1012	4 Lug 15 x 10" Wide	2"
10-1020	5 Lug 15 x 5" Wide	2 7/8"
10-1021	5 Lug 15 x 6" Wide	3 1/4"
10-1022	5 Lug 15 x 7" Wide	3 1/2"
10-1023	5 Lug 15 x 8" Wide	3"
10-1024	5 Lug 15 x 10" Wide	3 1/2"

Chrome / Metal
9623

Aluminum
18-1115
NEW!

10-1062

WHEEL CAPS

Available in Chrome or Aluminum, these caps are the finishing touch for 4 Lug and 5 Lug Spoke Wheels.

9623		Chrome / Metal Wheel Caps for 5 Lug Wheels, Pair
18-1115	NEW!	Polished Aluminum Wheel Caps for 5 Lug Wheels, Pair
10-1062		Chrome / Metal Wheel Caps for 4 Lug Steel Wheels, Each

RACE-TRIM CAST ALUMINUM SPINDLE-MOUNT WHEELS

Light-weight rails and buggies can shed pounds eliminating front brakes, drums or rotors by using our Pressure Cast Aluminum Spindle-Mount Wheels. Uses stock Link Pin Bearings & Seals - and includes Bearings with Races installed, Seal and Chrome Dust Cap w/ Logo.
Cast Aluminum Spoke Wheels are recommended for light-weight rails and buggies ONLY. Off-Road use ONLY.

10-1105 Cast Aluminum Spindle-Mount Wheel, 15x4, Machined Finish for Link Pin. Bearing Races Installed - Includes Bearings, Seal and Chrome Center Cap w/ Logo

10-1105

CENTER CAPS FOR SPINDLE-MOUNT WHEELS

9622 Chrome Center Cap for EMPI Spindle-Mount Wheels, w/o Logo, Pair.

10-1029 Alum. Center Cap for Polished Aluminum Spindle-Mount Wheels, Pair
(Will not fit with Cast Spindle-Mount Wheels)

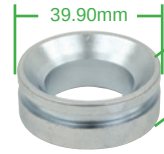
9622

10-1029

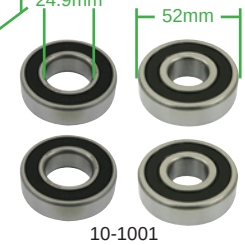
SEALED WHEEL BEARINGS FOR SPINDLE-MOUNT WHEELS

10-1001 Sealed Wheel Bearings for Polished Aluminum Spindle-Mount Wheels 52mm O.D. Both Sides. Includes 2 Inner & 2 Outer.
(Will not fit with EMPI Cast Spindle-Mount Wheels)

98-4046-B Link Pin Bearing Spacer, Each
(Ref P/N: 111 405 631B)



98-4046-B



10-1001

ALUMINUM LINK PIN CLAMP NUTS

Machined Aluminum nuts for all Link Pin front spindles.

9616 Aluminum Link Pin Clamp Nuts, Pair

9616

TAPERED ALUMINUM LUG WASHERS

These tapered aluminum washers allow correct seating of lug bolts or nuts on thin walled flat surface aluminum off road wheels. For use with 14mm studs.

10-1035 Tapered Aluminum Lug Washers, Set of 5

10-1035

ALUMINUM CENTER HUBS

When front brakes are not needed, lighten the load by eliminating the weight of a brake drum and shoes while running your bolt-on wheels. Choose for use with VW Kingpin Spindles or our Combo Spindles. Use P/N 9622 Center Caps. Five Lug holes are drilled to 14 mm I.D. Stud P/N 70-2810 (14mm x 2.20) and 70-2850 (14mm x 1.855) will work on these center hubs.

10-1033 Aluminum Hub 5 on 205 for VW Spindle, Each
Uses stock bearings P/N 98-4625-B / P/N 98-4626-B and seal P/N 98-4618-B

10-1034 Aluminum Hub 5 on 205 for Combo Spindle, Each
Uses combo bearings P/N 17-2797-0 / P/N 17-2798-0 and seal P/N 98-5021-B

10-1033

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

WHEEL ADAPTERS

Allows use of popular wheels without drilling drums or hubs.

9502	Chevy. Wheel to 5 Lug VW, Steel, 26.55mm Thick, Pair (Chevy. 4 3/4" Pattern, 7/16" x 20 Thread)
9503	VW 4 Lug Wheel to 5 Lug VW, Steel, 26.50 mm Thick, Pair (1/2" x 20 Thread)
9504	Chevy Wheel to 4 Lug VW, Aluminum, 22.35mm Thick, Pair (Chevy. 4 3/4" Pattern, 7/16" x 20 Thread) Studs Included
9505	Ford Wheel to 5 Lug VW, Steel, 26.20mm Thick, Pair (Ford 4 1/2" Pattern, 1/2" x 20 Thread)
9506	VW 5 Lug Wheel to 4 Lug VW, Steel, 9.5mm Thick, Pair (Tapped Holes are 12mm x 1.5)
9499	911 Porsche Wheel to 5 Lug VW, Steel, 26.50mm Thick, Pair (14mm x 1.5 Thread)
9500	911 Porsche Wheel to 4 Lug VW, Aluminum, Pair 25.15mm Thick, (14mm x 1.5 Thread) Studs Included Must use P/N: 70-2863 studs listed on page 336 for mounting
9481	VW 5 Lug Wheel to 5x130, Steel, 9.5mm Thick, Pair (Tapped Holes are 14mm x 1.5 Thread)
9482	VW 5 Lug Wheel to 5x112, Steel, 9.5mm Thick, Pair (Tapped Holes are 14mm x 1.5 Thread)
9580	Replacement Off-Set Stud for P/N 9504, Each
9588	Replacement Standard Stud for P/N 9504, Each

EMPI 3" BILLET ALUMINUM WHEEL SPACERS

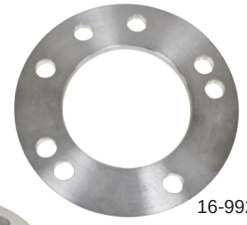
Extra clearance for wider tires, larger coil springs or just to compensate for the off-set of your wheels. Will fit EMPI Microstub Brake Kits. These spacers are made from Billet Aluminum, 3" thick and feature dual 5 x 4 3/4" lug patterns with 14mm x 1.5 studs installed.

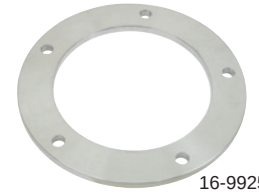
9485	3" Wheel Spacers, Pair

ALUMINUM WHEEL SPACERS

Aluminum wheel spacers. Available in 5x205, Double-Drilled 4x130/5x130, and 5x112. You must always use the correct length studs or lug bolts.

18-1114	NEW!	Aluminum Wheel Spacer, Double Drilled 4x130/5x130, 1/4" Thick, Pair
16-9926		Aluminum Wheel Spacer, Double Drilled 4x130/5x130, 3/8" Thick, Pair
18-1113	NEW!	Aluminum Wheel Spacer, Double Drilled 4x130/5x130, 1/2" Thick, Pair
16-9925		Aluminum Wheel Spacer, 5x205, 3/8" Thick, Pair
16-9930		Aluminum Wheel Spacer, 5x205, 12mm Holes, 1" Thick, Casting, Pair
16-9915		Aluminum Wheel Spacer, 5/112, 3/8" Thick, Pair





All Lug Bolts need to be checked to be certain that they are not interfering with internal brake parts. Grinding for clearance may be necessary and is the responsibility of the installer.

WHEEL STUDS & CHROME LUG NUTS

Make changing tires a little easier by installing studs on your drums or rotors. Easy installation. No drilling required. Available for use with steel or mag wheels. The lug nuts listed in this section have a 13/16" hex heads.

9517

9535

9515

9538

9483

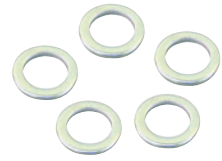
9519

9533

9515	Wheel Studs, M14-1.5 to 1/2-20, Set of 4
9516	Wheel Studs, M12-1.5, Both Ends, Set of 5
9517	Wheel Studs, M14-1.5, Both Ends, Set of 5 (Porsche)
9484	Wheel Studs, M14-1.5, Both Ends, Set of 4
9483	Wheel Studs, M12-1.5 to 7/16, Set of 5 (Chev)
9535	Chrome Lug Nuts, 1/2-20, Acorn 60° Style (Set of 4)
9536	Chrome Lug Nuts, 1/2-20 (for Mag Wheels, Set of 4)
9537	Chrome Lug Nuts, M12-1.5, Acorn 60° Style (Set of 5)
9538	Chrome Lug Nuts, M12-1.5 (for Mag Wheels, Set of 5)
9519	Chrome Lug Nuts, M14-1.5, Acorn 60° Style (Set of 4)
9512	Chrome Lug Nuts, 7/16" x 20, RH, Acorn 60° Style (Set of 5)
9513	Chrome Lug Nuts, 7/16" x 20, RH (for Mag Wheels, Set of 5)
9533	Chrome Nut & Stud Kit, M12-1.5, 60°, (for Steel Wheels, 5 Pair)
9534	Chrome Nut & Stud Kit, M14-1.5 to 1/2-20, 60°, For Steel Wheels, 4 Pair
9510	Chrome Nut & Stud Kit, w/ Flat Washers M12-1.5, (for Mag Wheels) 5 Pair
9511	Chrome Nut & Stud Kit, w/ Flat Washers, M14-1.5 to 1/2-20, (for Mag Wheels) 4 Pair
9508	Lug Bolt Adapter Washers Only, (60° Acorn to Metric Ball Seat), Set of 4
9509	Lug Bolt Washers Only, Flat, Set of 5

9508

9511

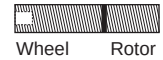

9509

LONG WHEEL STUDS

Wheels with Spacers add up to the need for Longer Wheel Studs. These 12 & 14mm, Long Wheel studs give you an extra 5mm (3/16") on the Wheel Side of the Stud to help compensate – that's nearly ½" longer than our Standard Wheel Studs. Because they are Studs, they don't interfere with brake components inside the drum.

70-2876	Long Wheel Studs, M14-1.5 to 1/2-20, Set of 4
70-2877	Long Wheel Studs, M12-1.5 Both Ends, Set of 5
70-2878	Long Wheel Studs, M14-1.5 Both Ends, Set of 5

P/N	Wheel Side	Rotor Side
9515	1 1/8" - 30mm	3/8" - 10mm
9516	1 1/8" - 30mm	3/8" - 10mm
9517	1 1/8" - 30mm	3/8" - 10mm
9483	1 1/8" - 30mm	1" - 25mm
9484	1 1/8" - 30mm	3/8" - 10mm
70-2876	1 5/16" - 34mm	7/16" - 11mm
70-2877	1 3/8" - 35mm	3/8" - 10mm
70-2878	1 3/8" - 35mm	3/8" - 10mm


Wheel Rotor

70-2876

70-2877

70-2878

Note: Some Nuts, Studs and Washers are available in Bulk.
Ask sales person for details.

It is imperative that the correct Lug Nuts/Bolts are used to secure the wheel to the vehicle. All Lug Bolts need to be checked to be certain that they are not interfering with internal brake parts. All Lug Nuts need to be checked to be certain that they are in fact tightening the wheel to the rotor/drum and not bottoming out on the stud leaving the wheel loose. This is the responsibility of the installer.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

98-6111-B

98-6112-B

STOCK LUG BOLTS - BALL SEAT

98-6111-B Road Wheel Bolt, Silver Zinc (12 x 1.5mm), 19mm Head, Type 1 50-67, Ghia 56-67, Type 3 64-65, Each
(Ref P/N: 111 601 139)

98-6112-B Road Wheel Bolt, Silver Zinc (14 x 1.5mm), 19mm Head, Type 1 68-79, Ghia 68-74, Type 2 thru-70, Type 3 66-73, Each
(Ref P/N: 251 601 139)

STOCK WHEEL BOLT CAPS

98-6113-B Wheel Bolt Cap, Black, Type 1 73-79, Each
Will fit Stock Lug Bolts P/N 98-6111-B and 98-6112-B
(Ref P/N: 111 601 173)

9565

9568

CHROME LUG BOLTS - BALL SEAT

Replace your stock lug bolts with Chrome Lug Bolts. Comes in a variety of lengths for a positive fit. Remember to check for proper clearance. All these Bolts have a 22mm Head and Ball Seat.

9564 Chrome Lug Bolts - M12-1.5, 15mm Long, Set of 5, Steel Wheels
9565 Chrome Lug Bolts - M12-1.5, 20mm Long, Set of 5, Steel / Aluminum Wheels
9568 Chrome Lug Bolts - M14-1.5, 20.5mm Long, Set of 4, Steel / Aluminum Wheels

9711

9712

CHROME LUG BOLTS - 60° SEAT

60° Taper fits most new EMPI and other aftermarket custom wheels. Quality chrome finish. These bolts have 19mm Hex Heads and 24mm threaded area. Remember to check for proper clearance.

9711 Chrome Lug Bolts - 12mm, 60°, Set of 5
For EMPI 5x205 wheels

9712 Chrome Lug Bolts - 14mm, 60°, Set of 4
For EMPI 4x130 wheels

70-2863

14MM VW STYLE LUG BOLT WITH 17MM HEAD - BALL SEAT

Ever had a problem with the socket being too big to fit into the hole in your wheel adapters? This new lug bolt is the answer to that problem. These nuts are silver zinc plated, M14-1.5 x 21mm long under the head. A 14mm thread bolt with the smaller 17mm head allows the socket to fit into wheel adapters including EMPI P/N: 9500.

70-2863 14mm VW Style Lug Bolt w/17mm Head, Set of 5

It is imperative that the correct Lug Nuts/Bolts are used to secure the wheel to the vehicle. All Lug Bolts need to be checked to be certain that they are not interfering with internal brake parts. All Lug Nuts need to be checked to be certain that they are in fact tightening the wheel to the rotor/drum and not bottoming out on the stud leaving the wheel loose. This is the responsibility of the installer.

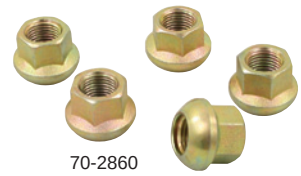
EMPI COMPETITION STUDS & NUTS

Quality studs are chamfered for brake shoe clearance and feature a starting shoulder for easy nut alignment. Available for Drum or Disc Brake applications. Requires machining for press fit installation. A 9/16" drill bit should be used, may require reaming to 37/64". The Porsche style nut has a 19mm hex head.

70-2850 Stud - Drum, M14-1.5 x 1.855" Long, Black. Set of 5
70-2810 Stud - Disc, M14-1.5 x 2.20" Long, Black, Set of 5

70-2860 Porsche-Style Nut, Zinc, M14-1.5, Ball Seat, Set of 5
70-2860-7 Bulk Porsche-Style Nut, Zinc, M14-1.5, Ball Seat, Ea.
(Ref. P/N: N020 112 1)

70-2810


70-2860

ALUMINUM ALLOY OPEN END LUG NUTS - 60° SEAT

These open-end lug nuts are made from quality Aluminum Alloy, are 12 point, and are available in M12-1.5 or M14-1.5 sizes. They come in Raw, Black anodized or Chrome finish.

70-2880 NEW! Alloy Lug Nuts, Chrome, M12-1.5, Set of 5
70-2881 NEW! Alloy Lug Nuts, Black, M12-1.5, Set of 5
70-2886 NEW! Alloy Lug Nuts, Raw, M12-1.5, Set of 5

70-2884 NEW! Alloy Lug Nuts, Chrome, M14-1.5, Set of 5
70-2885 NEW! Alloy Lug Nuts, Black, M14-1.5, Set of 5
70-2888 NEW! Alloy Lug Nuts, Raw, M14-1.5, Set of 5

12 point head

NEW!
70-2880

NEW!
70-2885

NEW!
70-2888

PORSCHE STYLE ALUMINUM ALLOY LUG NUTS - BALL SEAT

The lug nuts are made of quality Aluminum Alloy, are 12 point, and are available in Raw, Black anodized or Chrome. Porsche style ball seat M14-1.5.

70-2882 NEW! Porsche Style Alloy Lug Nuts, Chrome, Ball Seat, M14-1.5, Set of 5
70-2883 NEW! Porsche Style Alloy Lug Nuts, Black, Ball Seat, M14-1.5, Set of 5
70-2887 NEW! Porsche Style Alloy Lug Nuts, Raw, Ball Seat, M14-1.5, Set of 5

12 point head

NEW!
70-2887

NEW!
70-2882

NEW!
70-2883

ALUMINUM ALLOY LUG NUTS - BALL SEAT

If you have Porsche Alloy's or the desire for a quality lug nut then we have you handled. Lug nuts are made from aluminum alloy and are available black anodized or chromed aluminum, which can easily be polished. Both are M14-1.5 x 1 1/4" long thread and are for the original metric ball seat mounting type. These alloy lug nuts have a 19mm hex head.

70-2865 Porsche Style Alloy Lug Nuts, Aluminum, Black Anodized, Set of 5
70-2867 Porsche Style Alloy Lug Nuts, Aluminum, Chrome Finish, Set of 5

70-2865

70-2867

It is imperative that the correct Lug Nuts/Bolts are used to secure the wheel to the vehicle. All Lug Bolts need to be checked to be certain that they are not interfering with internal brake parts. All Lug Nuts need to be checked to be certain that they are in fact tightening the wheel to the rotor/drum and not bottoming out on the stud leaving the wheel loose. This is the responsibility of the installer.

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

70-2868

CHROME STEEL LUG NUTS - BALL SEAT

These steel lug nuts are 14mm with a 19mm hex head, with ball seat.

70-2868 Porsche Style Alloy Lug Nuts, Steel with Chrome Finish, Set of 5

CHROME STEEL LUG NUTS – 60° SEAT

Now you can have the look of Porsche-Style Lug Nuts for your EMPI or aftermarket wheels featuring 60° seat. Made of Steel with Chrome finish and have a 19mm Hex head. Available in both 12 & 14mm.

70-2870 Chrome Steel 60° Lug Nuts 12mm, Set of 5
70-2872 Chrome Steel 60° Lug Nuts 14mm, Set of 4

LONG CHROME LUG NUTS – 60° SEAT

1 3/4" thread length capability allows these chrome steel 60 degree acorn style lug nuts ample clearance for most applications that have long press in studs. These are also very popular for play cars and race cars where deep dish rims make it difficult to remove and install standard depth lug nuts. These lug nuts have a 19mm hex head.

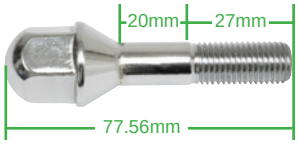
70-2862 Chrome Lug Nuts, M14-1.5 x 1 3/4" Long, Set of 5

CHROME LUG NUTS *(SMALL O.D.)* – 60° SEAT

Known as "Tuner" style, these Chrome Lug Nuts are small in diameter and will accommodate a smaller lug hole - as used on 5x112 and 5x100 wheels where the Bolt Pattern is tight.

9547 14mm Small Dia, 60°, for all 5x112 wheels Chrome w/ tool, Set of 5
9548 1/2" Small Dia, 60°, for all 5x112 wheels Chrome w/ tool, Set of 5
9549 12mm Small Dia, 60°, for all 5x112 wheels Chrome w/ tool, Set of 5

70-2875



LONG LUG BOLTS - 60° SEAT

Wheels with Spacers add up to the need for Longer Lug Bolts. These 12mm, 60° Seat Long Lug Bolts give you 47mm total shaft length. Check to make certain that they don't interfere with brake components inside the drum – trim as necessary.

70-2875 Long Lug Bolts - 12mm, Set of 5

It is imperative that the correct Lug Nuts/Bolts are used to secure the wheel to the vehicle. All Lug Bolts need to be checked to be certain that they are not interfering with internal brake parts. All Lug Nuts need to be checked to be certain that they are in fact tightening the wheel to the rotor/drum and not bottoming out on the stud leaving the wheel loose. This is the responsibility of the installer.

CHROME WHEEL LOCKS

Chrome Wheel Locks to protect your wheels. All EMPI locks are the "socket type" which helps limit stripping out. Supplied with tool.

70-2700 M12-1.5, VW Bolt Type, Ball Seat, 29mm Threaded Area, Set of 4
70-2701 M14-1.5, VW Bolt Type, Ball Seat, 28mm Threaded Area, Set of 4

70-2702 M12-1.5, Mag Nut, Set of 4
70-2703 1/2-20, Mag Nut, Set of 4

70-2704 1/2-20, Acorn Nut, Set of 4
70-2705 M12-1.5, Acorn Nut, Set of 4

70-2706 12mm-1.5, 60°, Bolt, 23mm threaded area, Set of 4
70-2707 14mm-1.5, 60°, Bolt, 23mm threaded area, Set of 4
70-2708 14mm-1.5, Ball Seat for 911 Alloys, Bolt, 25mm threaded area, Set of 4

70-2705

70-2703

FLUSH MOUNT VALVE STEMS

Using these Flush Mount Valve Stems adds to the appearance of any custom wheel. Stem adapter is attached for inflation and replaced by a smooth cap for a smooth, clean look.

9514 Flush Mount Valve Stems, Set of 4

9514

VALVE STEMS

Chrome Valve Stem with Hex Cap - same stem that is supplied with most EMPI wheels.

9710 Chrome Valve Stems, Set of 4

9710

HUBCAP REPAIR KIT

98-6982-B Hubcap Repair Kit, Spring w/Rivet, Type 1 50-65, Ghia 56-65, Type 2 50-67 (5pc. Kit)
(Ref. P/N: 111 698 131)

98-6982-B

EMPI BILLET HUB CAP PULLERS/JACK HOLE COVER

An old idea with a modern twist. Made from Billet Aluminum 6061-T6, EMPI's Billet Aluminum Hub Cap Pullers offer a 21st century high tech version of an old favorite. Two spring steel wire fingers hook into the drain holes in the edge of the hub cap for easy removal while eliminating damage to the wheel or hub cap caused by using screw drivers to pry them off. Neatly store in the jack ports while not in use. Available with polished smooth finish or with a diecast EMPI globe logo for the ultimate stylish look (black).

10-1075 EMPI Oval Hub Cap Puller - Smooth, Pair
10-1076 EMPI Oval Hub Cap Puller - w/EMPI Logo (Black), Pair

10-1075

VINTAGE STYLE HUB CAP PULLER/JACK HOLE COVER

EMPI also offers a reproduction of the original accessory hub cap pullers. Perfect for your stock restoration. Polished stainless cover on plastic body and plated wire just like the originals.

10-1065 Vintage Style Hub Cap Puller, Pair
98-0113 O.E. Type Tool Kit Hubcap Puller, Each
(Bulk P/N: 251 012 243)

10-1065

98-0113

It is imperative that the correct Lug Nuts/Bolts are used to secure the wheel to the vehicle. All Lug Bolts need to be checked to be certain that they are not interfering with internal brake parts. All Lug Nuts need to be checked to be certain that they are in fact tightening the wheel to the rotor/drum and not bottoming out on the stud leaving the wheel loose. This is the responsibility of the installer.

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CASTLE-DESIGN HUBCAPS

Mirror finish chrome embossed with an iconic 'Castle' design. Fits stock VW and stock-style chrome wheels

10-1070-B	Castle-Design Hubcap, 5 Lug thru 65, Bulk, Each
10-1071-B	Castle-Design Hubcap, 5 Lug 66-67, Bulk, Each
10-1072-B	Castle-Design Hubcap, 4 Lug 68-79, Bulk, Each

CHROME "SMOOTHIE" HUB CAP

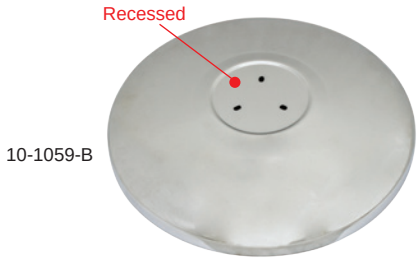
Chrome smoothie for that clean finish. Fits any stock VW wheel or stock style chrome wheels.

10-1060	Chrome Smoothie Cap, 4 Lug 68-79, Each
10-1060-B	Bulk Chrome Smoothie Cap, 4 Lug 68-79, Each
10-1061	Chrome Smoothie Cap, 5 Lug thru 65, Each
10-1061-B	Bulk Chrome Smoothie Cap, 5 Lug thru 65, Each

EMPI STOCK STYLE HUB CAPS

We've incorporated the EMPI globe logo into the stock hub cap design to make a great looking alternative to original hub caps. Fits 4 Lug 68-79 stock VW wheels. High luster chrome compliments painted or chrome stock type wheels.

10-1063	EMPI Stock Style Hub Cap, 4 Lug, Each
10-1063-B	Bulk EMPI Stock Style Hub Cap, 4 Lug, Each



STOCK STYLE HUB CAP W/ HOLES

Chrome hub cap available for 4 Lug 68-79 stock VW wheels. Drilled for your choice of crests. Will also fit most chrome aftermarket VW wheels. See page 341 for crests.

10-1059-B	Bulk Stock Style Hub Cap w/ Holes, Each

CLASSIC 'NIPPLE' HUB CAPS

Chrome Classic 'Nipple' Hub Caps – available for both 4-Lug & 5-Lug stock VW wheels. Drilled for your choice of Crests. Will also fit most Chrome aftermarket VW wheels. See page 341 for crests.

10-1055-B	Bulk Classic 'Nipple' Hub Caps for 4-Lug 68-79 VW Wheels, Ea
10-1057-B	Bulk Classic 'Nipple' Hub Caps for 5-Lug thru 65 VW Wheels, Ea

EMPI CLASSIC CRESTS FOR HUB CAPS

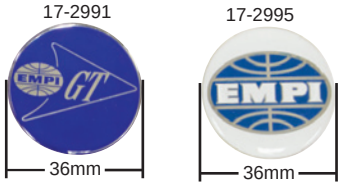
Your choice of 3 Classic Crest Designs….White with the Blue EMPI Logo, Black with the Wolf Logo and Chrome with the EMPI 3-Color Stallion Logo. Sold as Sets of 4 w/Retainers with hardware. Logo's are 61.40mm O.D. See page 341 for hub caps.

10-1077 EMPI Logo Crest, Set of 4 w/Retainers

10-1078 Wolf Crest, Set of 4 w/Retainers

10-1079 EMPI 3-Color Stallion Logo Crest, Set of 4 w/Retainers

WHEEL CAP AND HORN BUTTON LOGOS



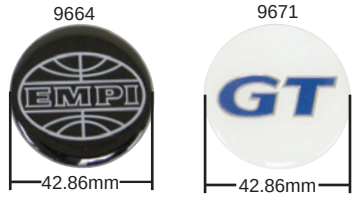
17-2991 EMPI/GT Logo, Blue, 36mm
Fits Horn Button 79-4024/25/56/57/58, Set of 4

17-2995 EMPI Logo, 36mm
Fits Horn Button 79-4024/25/56/57/58, Set of 4

17-2992 EMPI/GT Logo, White, 43mm
Fits Most Wheels & Wheel Caps, Set of 4

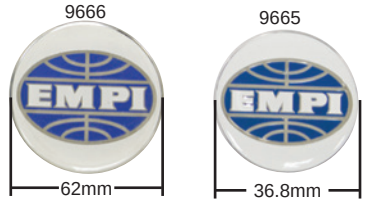
17-2993 EMPI/GT Logo, Blue, 43mm
Fits Most Wheels & Wheel Caps, Set of 4

9670 EMPI Logo, 43mm
Fits Most Wheels & Wheel Caps, Set of 4
Also fits 79-4115/16/17



9664 EMPI Logo, Black / Silver, 43mm
Fits Most Wheels & Wheel Caps, Set of 4
Also fits 79-4115/16/17

9671 GT Logo, 43mm
Fits Most Wheels & Wheel Caps, Set of 4



9665 EMPI Logo, 37mm
Fits 4 Spoke Wheel Cap 10-1092, 10-1093 and 10-1094, Set of 4

9666 EMPI Logo, 62mm
Fits Wheel Cap for New Beetle 9736 and 9737, Set of 4

EMPI WHEEL CENTER CAPS (OLD STYLE)

The finishing touch for your Old Style 8 Spoke & Riviera style wheels. Short caps can be used on Old Style 8 Spoke & Riviera style wheels. Short cap may not clear on I.D. of some particular applications. Logo area on 9567 is 43.5mm I.D.

9567 Replacement Cap Only, Black, No Logo, Fits AE & RK
9674 Replacement Cap Only, Chrome w/ Logo, Fits AE Only

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

9620

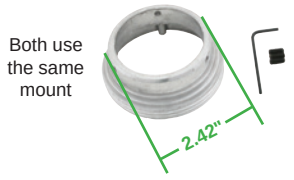
CHROME WHEEL KNOCK OFFS

The original sports car look. Choose from 2 spoke sports car style or the 3 spoke spinner style. Both types fit most mag wheels and are available in show chrome. Includes all mounting hardware.

9620 Chrome 2 Spoke Knock-Offs, Set of 4

9621 Chrome 3 Spoke Knock-Offs, Set of 4

9621



STAINLESS STEEL BEAUTY RINGS

For a long lasting appearance stainless steel is the way to go. These 2 1/2" deep Beauty Rings are made to fit the O.E. steel wheels and are available in both 14" and 15" versions. Sold in a set of 4.

10-1068 Stainless Steel Wheel Trim Rings, 14", Set of 4 (Boxed)
10-1069 Stainless Steel Wheel Trim Rings, 15", Set of 4 (Boxed)

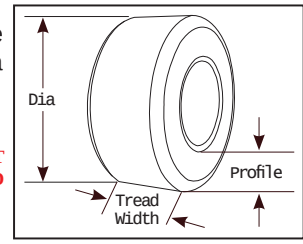
BEAUTY RINGS

Aluminum Beauty Rings add that finishing touch to your stock rims.

9553 Beauty Rings, Early, 49-65, 11 Holes, Set of 4 (Bagged)
9554 Beauty Rings, Early, 66-67, 10 Holes, Set of 4 (Bagged)
9555 Beauty Rings, Late, 68-72, 8 Holes, Set of 4 (Bagged)
9556 Beauty Rings, Late, 74-79, 8 Holes, Set of 4 (Bagged)

TIRES

Dry & Wet Traction, Safety, Quiet Ride, Maneuverability and Reasonable Prices are the main factors in choosing tires for your ride. EMPI offers a variety of tires - incorporating all of these features - in all the popular sizes.



IMPORTANT NOTE:
ALWAYS CHECK THE TIRE AND THE MANUFACTURER'S WEBSITE FOR THE LATEST LISTING FOR YOUR TIRE'S LOAD CAPACITY AND MAXIMUM AIR PRESSURE. LOAD AND TIRE CLEARANCE ARE CRITICAL TO YOUR SAFETY.

NANKANG CX668

Computer-designed tread pattern to reduce hydroplaning and increase maneuverability on wet roads, while reducing noise and providing better comfort. 10-4020 and 10-4021 are M Speed Rated, up to 81mph. 10-4022 is N Speed Rated, up to 87mph.

Part #	Size	Load Weight	Max PSI (Cold)	Diameter	Tread Width	Profile	Tread	Side
10-4022	165/80-R15	1199lbs	44	25.25"	5.75"	4.75"	1 Polyester 2 Steel	1 Polyester
10-4020	135/SR15	803lbs	44	23.5"	4.5"	3.75"		
10-4021	145/SR15	906lbs	44	24"	4.75"	3.75"		

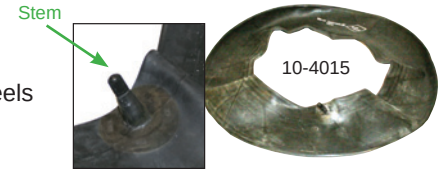
FIRESTONE F560 SERIES

The Classic Cal-Look Tire….Perfect sizing options. Tread design and compound work well in wet or dry conditions. Poly/Steel Radial construction. DOT and ECE Approved. P Speed Rating, up to 93mph.

Part #	Size	Load Weight	Max PSI (Cold)	Diameter	Tread Width	Profile	Section Width	Recommended Rim Width
10-4032	125R15	695lbs	44	23"	3.75"	2"	5.0"	3.5" - 4.5"

INNER TUBE

For use with 125, 135, 145 and 3 Rib Tires.



10-4015 Inner Tube with 16mm Valve Stem, Fits Most Standard Steel Wheels

10-4016 Inner Tube with 12mm Valve Stem, Fits Most Aftermarket Wheels

SAND BUGGY TIRES

Special 3-Rib design allows great turning control in sand while running smooth and straight. (Inner Tube Required).

10-4010

10-4010 15" 3-Rib, Front +

SCISSOR JACK

Originally made for Type 2's, but will work on Sedans & Ghias offering extra jacking height. Great for use on lowered cars.

98-0109-B

98-0109-B Scissor Jack Type 2 & Type 1, Each
(Ref P/N: 237 011 031)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI ALUMINUM T-HANDLE SHIFTERS

Get through the gears in style with our Precision Made, Polished Aluminum Shifter. Standard and short versions, both have Reverse Lock-out Button and "EMPI" cast into the handle. All shifters are supplied with reverse lock-out plate. A right hand drive version is now available!

4498 EMPI Polished Alum. T-Handle Shifter, Short, 10" O.A.L.
4499 EMPI Polished Alum. T-Handle Shifter, Standard, 12" O.A.L.

RIGHT HAND DRIVE SHIFTER

4497 EMPI Polished Alum. T-Handle Shifter, RHD, Standard, 12" O.A.L.

EMPI TRIGGER SHIFTERS

Popular Trigger Shifter features round Chrome shaft with sliding "Trigger" to release reverse lock-out. Available with short or long shaft and extra-long shaft for Type 2 applications, with "EMPI" cast into the trigger.

4450 EMPI Trigger Shifter, Long, All Type 1 & Ghia, 13 1/2" O.A.L.
4451 EMPI Trigger Shifter, Short, All Type 1 & Ghia, 12" O.A.L.

4449 EMPI Trigger Shifter, Extra Long, Type 2 60-79, 23 1/2" O.A.L.

4450-6 Bulk Plastic Boot Only
4450-5 Bulk Rubber Boot Only
4450-7 Bulk Black Knob Only

BILLET KNOB FOR TRIGGER SHIFTERS

Round Polished Billet Aluminum knob.
Fits P/N: 4450, 4451 & 4449 Trigger Shifters. 3/8 - 24 threads.

79-5052 Billet Aluminum Shift Knob, Round

GEAR SHIFT BOOT

Durable black neoprene boot fits most aftermarket and stock shifters.

4535 Gear Shift Boot, Black

EMPI BILLET PLUS SHIFTERS

Fully machined from billet aluminum on the handle and base. Anodized and re-machined with highlights on the base. Then finished with an EMPI logo engraved into the top of the handle. This shifter stands out from all the others. The super strong chromed shaft and New Poly Resin Bushing makes this shifter not only a looker, but a super performer as well. Available in Left & Right-Hand Drive models. Comes with H.D. Lockout Plate. For Type 1/Ghia and Type 2/Transporter. Type 1 Shifters are 12 1/4" tall and Type 2 Shifters are 24 1/4" tall.

B560500 "BILLET PLUS" Performance Shifter, Type 1, LHD
B560400 "BILLET PLUS" Performance Shifter, Type 1, RHD

B561800 "BILLET PLUS" Performance Shifter, Type 2, 60-65 LHD
B561900 "BILLET PLUS" Performance Shifter, Type 2, 60-65 RHD

B560600 "BILLET PLUS" Performance Shifter, Type 2, 66-79 LHD
B561600 "BILLET PLUS" Performance Shifter, Type 2, 66-79 RHD

Stock shifters are pictured to show the difference

GEAR SHIFT EXTENSION

Stainless Steel Gear Shift Extension. Fits all Stock Shifters with 12mm x 1.5 Thread. Extension is supplied with 2 nuts so you can tighten it and still maintain the proper angle of the extension.

4533 NEW! Gear Shift Extension M12 x 1.5

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

98-1025

98-7095

STOCK STYLE SHIFTER & RELATED PARTS

Replace your stock shifter with a new shifter assembly or upgrade your worn out components.

98-1025 Stock Shifter Assy., Angled, Type 1, 56-67
(Bulk P/N: 113 798 121) w/10mm Thread & Knob

98-7095 Stock Shifter Assy., Straight, Type 1, 68-on
(Bulk P/N: 113 798 121A) w/12mm Thread & Knob

4456 Replacement Reverse Lock-Out Plate
(Bulk P/N: 211 711 149)

4456

98-2038 Shift Rod Bushing, Type 1, 60-79
(Bulk P/N: 111 701 259A)

98-2038

98-7096 NEW! Shift Bushing Repair Kit, All Bushings Necessary, Type 2 54-79
(Bulk P/N: 211 798 200)

98-7096 NEW!

98-9981 Universal Gear Shifter Boot
(Bulk P/N: 113 711 115A) Fits Stock Shifter Assemblies, Type 1 49-79, Type 2 60-71

98-9981

98-7013-B Locking Ring for P/N: 98-2038 Bushing, Bulk
(Ref. P/N: 111 701 263)

98-7013-B

98-7011 NEW! Shift Guide, Type 1, 60-79, Bulk
(Bulk P/N: 111 701 255B)

NEW! 98-7011

98-7014 Shift Rod Bushing Rebuilding Kit (Skinpacked)
(Incl. Bushing, Guide & Locking Ring)

98-7014

QUICK SHIFT KITS

Shorten the throw of your stock shifter up to 40% quickly, easily....and inexpensively. Includes bolts. Fits all Type 1 (Exc. Autostick), Ghia and Type 3.

4500 Quick Shift Kit, Cast Aluminum
4501 Quick Shift Kit, Hi-Tech Plastic

4501

4500

H.D. BUGPACK REVERSE LOCKOUT PLATE

Re-designed with added support where needed to handle even the toughest of shifts, our new BUGPACK Reverse Lockout Plate easily replaces worn lockout plates. Fits all stock and push-button reverse lockout style shifters.

B559550 H.D. BUGPACK Reverse Lockout Plate

URETHANE & STOCK SHIFT COUPLERS - EARLY STYLE

Urethane is the way to go for a shift coupler if you want to take sloppy play out of the equation. This early style coupler works for all Type 1 thru 64 along with other applications like off-road cars that use this style of shift linkage coupler. Supplied with new set-screws as well. Stock shift couplers also available.

16-5102 Urethane Shift Coupler, Early Style

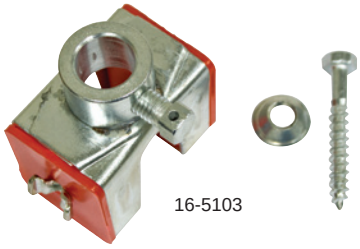
98-1079 Early Shift Coupler
(Bulk P/N: 111 711 175B)

98-1026-2 Grub Screw for Coupler, Each
(Ref. P/N: 211 711 189A)

URETHANE SHIFT COUPLER - LATE STYLE

Much like the original one it replaces, this fits Type 1 65-on and other applications that use this style of coupler. The key improvement on this unit is the two inserts for the cage have been made out of Urethane so the shifter linkage will be much tighter and responsive. This is a must do upgrade for almost every car out there that uses this style of shift coupler.

16-5103 Shift Coupler, w/Urethane Inserts, Type 1 65-79, Ghia 65-74, Type 2 68-79, Type 3 All
(Ref. P/N: 311 798 211)



Heavy Gauge Steel Cage with heavy duty bolt and Urethane Inserts make this H.D. Coupler the one to use for any performance application.

16-5105 H.D. Shift Coupler w/Urethane Inserts & Hardware., Type 1 65-79, Ghia 65-74, Type 2 68-79, Type 3 All

URETHANE SHIFT CAGE INSERTS

Urethane Inserts Only for 16-5103 and 16-5105 Shift Couplers.

16-5104 Urethane Inserts Only, Pair
For 16-5103 and 16-5105 Shift Couplers

4548

EMERGENCY BRAKE HANDLE KIT

Replace your stock handle with show quality Chrome or black. Complete assembly for easy installation. Fits all Type 1, 56-79.

4548 Black Emergency Brake Handle Kit, Type 1 56-79, Ghia 56-74, Thing 73-74
(Bulk P/N: 113 798 305)

4549

4549 Chrome Emergency Brake Handle Kit, Type 1 56-79, Ghia 56-74, Thing 73-74
(Bulk P/N: 113 798 305CH)

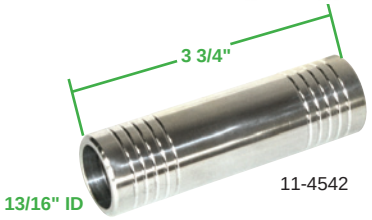
4547 Hardware Kit for E-Brake Handle (All Parts Less Handle)

98-6118-B

98-6118-B Anchor Pin, Parking Brake Lever (use w/211 609 619), Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Thing 73-74, Each
(Ref. P/N: 211 609 601B)

98-6121-B

98-6121-B C Clip, Parking Brake Lever Pin, Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Thing 73-74, Each
(Ref. P/N: 211 609 619)



BILLET PARKING BRAKE COVER

The finishing touch to any custom or stock interior. Installs over stock E-brake handle and is held in place with set screws. Fits all VW models including Water Cooled.

11-4542 Billet Aluminum Parking Brake Cover

9952

EMERGENCY BRAKE BOOTS

Made from durable material and are available in a variety of colors. Complete your interior with the correct emergency brake boot.

9954 E-Brake Boot, Black, Type 1 55-57
(Bulk P/N: 111 863 341A)

9954

9952 Emergency Brake Boot, Black, Type 1 58-64, Ghia 58-64, Type 3 thru 65
(Bulk P/N: 311 863 341A)

4483

TYPE 1 65-ON & S/B - TYPE 3 66-ON

4483 Emergency Brake Boot, Black
(Bulk P/N: 311 711 461)

4487

4487 NEW! Emergency Brake Boot, Grey
8634 Emergency Brake Boot, Neon Pink

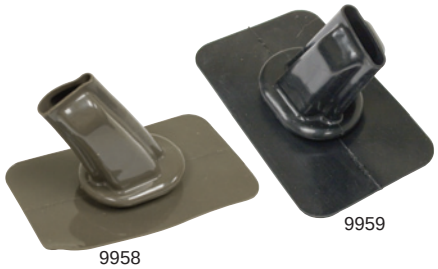
EMERGENCY BRAKE BOOT, TYPE 2, 50-79

A great reproduction of this hard to find boot and in your choice of Black or Grey. Fits Type 1 & Transporter from 50 to 79.

9958 Brake Boot, Grey, T-2, 50-79, Each
(Bulk P/N: 211 863 341)

TYPE 2

9959 Brake Boot, Black, T-2, 50-79, Each
(Bulk P/N: 211 863 341B)

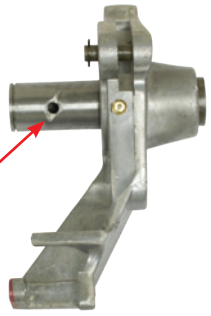


STOCK REPLACEMENT PEDAL ASSEMBLY

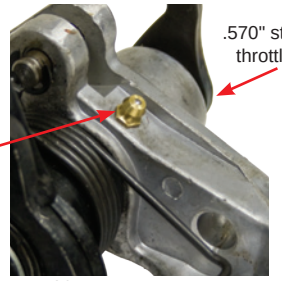
Complete pedal assembly. Can be used for 58-64 as a retro-fit using P/N: 98-1027 or 17-2994 Accelerator Kit with pedal.

4526-B Stock Pedal Assembly,
Type 1 65-73, Ghia 65-73, Type 3 64-73, Thing 73-74
This unit will fit earlier models back to 1958 with some grinding for clearance issues.
(Ref. P/N: 113 798 900)

4526-B



4526-B



4526-B

CLUTCH PEDAL

Quality replacement Clutch Pedal for VW Type 1, Ghia, S/B Type 3 and Thing.

98-8664 NEW! Clutch Pedal, Fits Type 1 66-79 including S/B and Convertibles, Ghia 66-74, Type 3 66-73, Thing 73-74.
(Bulk P/N: 113 721 315C)

PARKING BRAKE PUSH BAR

98-6122-B Push Bar, Parking Brake, Type 1 58-79, Ghia 58-74, Type 3 62-73, Thing 73-74, Each
(Ref. P/N: 311 609 631)

98-6122-B

PARKING BRAKE LEVER

98-6120-B Lever, Parking Brake, Right, Type 1 58-79, Ghia 58-74, Thing 73-74, Each
(Ref. P/N: 113 609 614A)

98-6120-B

EMPI ROLLER PEDALS

Roller Pedals not only look trick, they make for smoother acceleration...especially on rough roads and freeways. A must for off-road. Choose from available colors or Billet. Fits Type 1 54-79, Ghia 56-74, Type 62-73 and Thing 73-74.

3160 Roller Pedal, Black
8628 Roller Pedal, Neon Pink

8511 Roller Pedal, Billet Aluminum Roller

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

ACCELERATOR, CLUTCH & BRAKE REPAIR KIT AND PARTS

Stock replacement accelerator pedal and attaching hardware.

98-7076 NEW! Clutch Pedal Shaft, Type 1 56-64, Ghia 56-64, Type 3 62-63
(Bulk P/N: 113 721 305A)

98-7077 NEW! Clutch Pedal Shaft, Type 1 65-71, Ghia 65-71, Type 3 64-71
(Bulk P/N: 113 721 305B)

98-7075 NEW! Clutch Pedal Shaft, Type 1 72-79 (Original German Style)
(Bulk P/N: 111 721 305B)

98-7190-B Return Spring, Brake Pedal, Type 1 67-79, Ghia 67-74, Type 3 65-73, Thing 73-74 Each
(Ref. P/N: 131 721 163)

98-7067-B Return Spring, Brake Pedal, Type 2 55-67, Each
(Ref. P/N: 211 721 163A)

98-7074-B Brake Pedal Stop Plate, Type 1 50-79, Ghia 58-74, Type 3 64-73, Each
(Ref. P/N: 113 721 231E)

98-7089 NEW! Accelerator Pedal Lever
Type 1 66-79 including S/B and Convertibles, Ghia 66-74, Type 3 65-73 and Thing 73-74.
(Bulk P/N: 311 721 509A)

98-7088 NEW! Accelerator Repair Kit only, Type 1 58-66, Ghia 58-66
(Bulk P/N: 113 798 078)

98-7090 NEW! Accelerator Repair Kit only, Type 1 67-79, Ghia 66-74, Type 3 64-73
(Bulk P/N: 113 798 074)

98-1027 Accelerator Repair Kit w/Pedal. Fits Type 1 67-79
(Bulk P/N: 113 798 507B)

ACCELERATOR PEDAL BRACKET - TYPE 1

Accelerator Bracket is Silver Zinc Plated. Fits Type 1 58-66, Ghia 58-66 and Type 3 62-65.

98-8612 NEW! Accelerator Pedal Bracket, Type 1
(Bulk P/N: 111 701 535A)

ACCELERATOR PEDAL BRACKET - TYPE 2

Accelerator Pedal Bracket is Silver Zinc Plated. This unit welds to the floor. Fits Type 2 55-79.

98-8613 NEW! Accelerator Pedal Bracket, Type 2
(Bulk P/N: 211 721 613)

TYPE 2

STOCK STYLE PEDAL PADS

Replace your worn pads with these quality rubber pads. Easy to install. Our Pedal pad kit includes the clutch, brake and accelerator pads. Fits all Type 1, Ghia, Type 2 55-67, all Thing, Type 3.

98-1068 Pedal Pad Kit, 3-Piece Set
9904 Pedal Pads, Clutch/Brake, Pair
(Bulk P/N: 311 721 173A, Each)
98-1072 Pedal Pad, Accelerator, Each
(Bulk P/N: 113 721 647A)

PEDAL PADS W/ EMPI LOGO

Now you can replace your worn Pedal Pads with our new Diamond Design Pattern featuring the EMPI Logo. A perfect match for our New Billet Aluminum Throttle Pedal (P/N: 17-2994). Made from quality rubber for miles of driving. Fits stock pedals. Fits all Type 1, Ghia, Type 2 55-67, all Thing, Type 3.

17-2996 Pedal Pads Clutch / Brake, w/ EMPI Logo, Pair

EMPI BILLET ALUMINUM THROTTLE PEDAL

Made from Polished Billet Aluminum and featuring a Diamond-Design rubber insert with the EMPI Logo for miles of easy cruising. Easy installation on 65-72 pedal assemblies. Also fits EMPI P/N 4526-B.

17-2994 EMPI Polished Billet Aluminum Throttle Pedal,
Type 1, 65-72, Ghia 65-72, Type 3 65-71, Each
Also fits EMPI P/N 4526-B.

CUSTOM PEDAL COVERS

The finishing touch to any interior. Our custom pedal covers are chrome with rubber foot contact inserts. Fits all Type 1, Type 2, 55-67, All Type 3.

4551 Pedal Covers, Brake, Clutch & Accel., 3-Piece Set
4550 Pedal Covers, Brake & Clutch, Pair
4552 Pedal Cover, Accelerator, Each

PEDAL PAD - TYPE 2

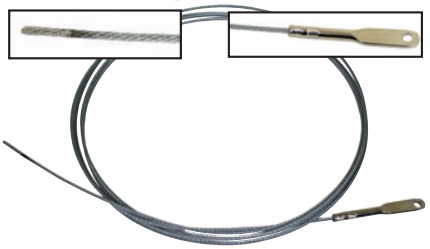
98-7071 NEW! Pedal Pad, Brake / Clutch, Type 2 1968-1979, Pair
(Bulk P/N: 211 721 173 Each)

H.D. THROTTLE CABLE KIT

H.D. throttle cable puts an end to cable failure. Includes plastic tubing for Buggies or Sedans with rusted throttle tubes. Cable kit includes 9-foot heavy duty cable, tubing and clamps.

4860 H.D. Throttle Cable Kit

4861 H.D. Throttle Cable Kit, w/Roller Pedal

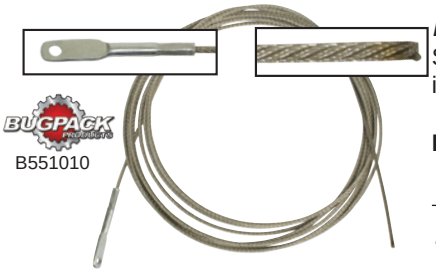


4860-7 H.D. Throttle Cable Only, 9' Long, 2.5mm O.D. (Skin Packed)
4860-6 Bulk H.D. Throttle Cable Only, 9' Long, 2.5mm O.D.

4862-7 H.D. Throttle Cable Only, 16' Long, 2.5mm O.D. (Skin Packed)
4862-6 Bulk H.D. Throttle Cable Only, 16' Long, 2.5mm O.D.

RACING THROTTLE CABLE

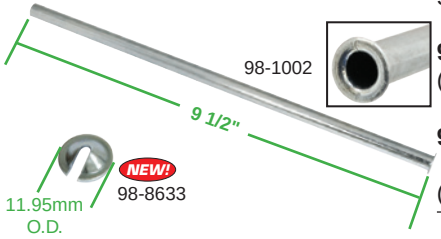
Super heavy duty stainless steel 3mm O.D. throttle cable is virtually indestructible. Comes in a 16' length to satisfy most custom installations.



B551010 Racing Throttle Cable 16', 3mm O.D.

THROTTLE CABLE TUBE/CABLE SPRING SEAT

Stock throttle tube passes through fan housing protecting cable from wear and breakage.

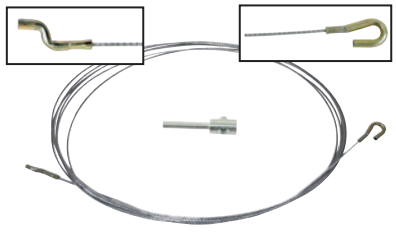


98-1002 Stock Throttle Cable Tube
(Bulk P/N: 043 129 893)

98-8633 NEW! Accelerator Cable Spring Seat, Type 1 46-65, Ghia 56-65, Type 2 50-63
(Bulk P/N: 113 129 909)

UNIVERSAL THROTTLE CABLE KIT

Small diameter 1.5mm O.D. cable fits thru stock cable tube. Features stock "Dog Leg" on one end and Loop on other. Choose your application...cut off the other. Includes cable adapter. The 15' cable is long enough for most applications.



4863 Universal Throttle Cable Kit

CABLE SHORTENING KITS

Shorten your clutch, emergency brake and throttle cables quickly and easily. A must for buggies with shortened pans.

3167 Complete Cable Shortening Kit, Includes P/N: 3168, 3169 & 3170
3168 Cable Shortening Kit, Clutch Only
3169 Cable Shortening Kit, Emergency Brake Only
3170 Cable Shortening Kit, Throttle Only (Fits on cable only)

3171 Throttle Cable Extending Kit, 2 pcs. (Fits on cable end or cable)
3171-7 Round Piece only for Throttle Cable Extending Kit (Set Screw), Each
(Ref. P/N: 311 129 777)
3156 NEW! Cable Mount w/ Bolt, Each
(Bulk P/N: 311 129 777CH)

STOCK CABLES

EMPI stocks a full line of Accelerator, Clutch, Parking Brake, Heater and Speedometer Cables.

ACCELERATOR CABLES

111 721 555C		**98-7500-B**	Acc. Cable, Type 1 & Ghia 58-65
111 721 555E		**98-7501-B**	Acc. Cable, Type 1 & Ghia 66-71
111 721 555J		**98-7502-B**	Acc. Cable, Type 1 & Ghia 72-74
133 721 555B	NEW!	**98-7503-B**	Acc. Cable, Type 1 & S/B 75-79
211 721 555A	NEW!	**98-7504-B**	Acc. Cable, Type 2 55-64
211 721 555C	NEW!	**98-7505-B**	Acc. Cable, Type 2 65-67
211 721 555G	NEW!	**98-7506-B**	Acc. Cable, Type 2 69-71
211 721 555J	NEW!	**98-7507-B**	Acc. Cable, Type 2 1972
211 721 555T	NEW!	**98-8609-B**	Acc. Cable, Type 2 73-74 w/ Carbs
211 721 555AA	NEW!	**98-8608-B**	Acc. Cable, Type 2 75-79, Std. Trans Only
113 721 551		**98-7083-B**	Bowden Tube, Type 1, 56-79, Ghia 56-74

CLUTCH CABLES

111 721 335		**98-7200-B**	Clutch Cable, Type 1 & Ghia thru 60 & 62-63 Only
113 721 335A		**98-7203-B**	Clutch Cable, Type 1 & Ghia 6/63-71
111 721 335C		**98-7201-B**	Clutch Cable, Type 1 & Ghia 72-74
211 721 335B	NEW!	**98-7204-B**	Clutch Cable, Type 2 50-59 & 62-67
211 721 335E	NEW!	**98-7209-B**	Clutch Cable, Type 2 68-71
211 721 335J		**98-7205-B**	Clutch Cable, Type 2 72-79
311 721 361		**98-7208-B**	Bowden Tube, Type 1 52-71, Ghia 60-71, Type 2 52-67, Type 3 64-73, (Metal Ends)
211 721 361D	NEW!	**98-7207-B**	Bowden Tube, Type 1 72-74, Ghia 72-74, Type 2 68-79, Thing 73-74
131 721 349		**98-7012-B**	Bulk 7mm Wing Nut for Clutch Adjustment, Each
		98-7012-0	Skin-Packed 7mm Wing Nut for Clutch Adjustment, Each

HEATER CABLES

111 711 629B	NEW!	**98-7031-B**	Heater Cable, Type1 & Ghia 56-63½
111 711 629E	NEW!	**98-7032-B**	Heater Cable, Type1 & Ghia 63½-64
111 711 717A	NEW!	**98-7058-B**	Heater Cable, Type1 & Ghia 65-72, S/B 71-72
111 711 713A		**98-7056-B**	Heater Cable, Rear Footwell, Type1 73-79, Ghia 73-74, Type 3 67-74
211 711 629B		**98-7033-B**	Heater Cable, Type 2 55-67
211 711 629F	NEW!	**98-7034-B**	Heater Cable, Left, Type 2 68-71
211 711 630C	NEW!	**98-7037-B**	Heater Cable, Right, Type 2 68-71
211 711 630L		**98-7038-B**	Heater Cable, Right, Type 2 1972
211 711 629N	NEW!	**98-7036-B**	Heater Cable, Left, Type 2 73-79
211 711 630N		**98-7039-B**	Heater Cable, Right, Type 2 73-79

EMERGENCY BRAKE CABLES

113 609 721F		**98-6900-B**	Emergency Brake Cable, Type 1 & Ghia 58-64, Each
113 609 721L		**98-6901-B**	Emergency Brake Cable, Type 1 & Ghia 65-67, Each
113 609 721J		**98-6902-B**	Emergency Brake Cable, Type 1 & Ghia 68-72, Each
133 609 721		**98-6903-B**	Emergency Brake Cable, Type 1 73-on, Each
211 609 701E	NEW!	**98-8606-B**	Emergency Brake Cable, Type 2 60-63, Each
211 609 701F	NEW!	**98-6904-B**	Emergency Brake Cable, Type 2 64-67, Each
211 609 701L	NEW!	**98-6905-B**	Emergency Brake Cable, Type 2 69-71, Each

SPEEDOMETER CABLES

111 957 801J		**98-9801-B**	Speedo. Cable, Type 1 58-65, Ghia 67-71
111 957 801K		**98-9802-B**	Speedo. Cable, Type 1 66-74, Ghia 72-74
113 957 801A		**98-9803-B**	Speedo. Cable, S/B 71-74
211 957 801E		**98-9804-B**	Speedo. Cable, Type 2 thru 67
211 957 801F	NEW!	**98-9805-B**	Speedo. Cable, Type 2 68-74 & 75-79 w/o EGR Left Hand Drive

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

16-9290

ELECTRIC SPEEDO TO CABLE CONVERSION KIT

This kit allows you to hook up an electronic speedometer into a Type 1 sedan without modifying your drums or rotors. The custom designed cable utilizes the O.E.M. dust cap hole with an inductive sensor on the opposite end, which can be easily wired to your electronic speedometer.

16-9290 Electric Speedo to Cable Conversion Kit

NEW!
98-8618

CABLE BOOT

Rubber Boot for Accelerator and Clutch Cable Guide Tubes. Sold each.
Fits Type 1 1958-1971, Ghia 1958-1971, Type 3 1962-1971 and Thing 1973-1974.

98-8618 NEW! Boot for Cables, Each
(Bulk P/N: 113 701 293C)

NEW!
98-8652

NEW!
98-8653

EMERGENCY BRAKE CABLE BRACKETS

98-8652 NEW! Bracket for Left Rear Emergency Brake Cable,
This bracket fits Type 1 1949-1979, Ghia 1956-1974,
Type 3 1962-1973 and Type 4 1969-1974
(Bulk P/N: 113 609 637)

98-8653 NEW! Bracket for Right Rear Emergency Brake Cable,
This bracket fits Type 1 1949-1979, Ghia 1956-1974,
Type 3 1962-1973 and Type 4 1969-1974
(Bulk P/N: 113 609 638)

NEW!
98-8640

HEATER CABLE CLAMP KIT

This late style Heater Cable Clamp Kit fits all Type 1 49-79, Ghia 56-74, Type 2 Bus 50-79, Type 3 62-74 and Thing 73-74.

98-8640 NEW! Heater Cable Clamp Kit, Type 1 and Type 2
(Bulk P/N: 111 298 101A)

98-9809-B

DUST BOOT - SPEEDOMETER CABLE

98-9809-B Dust Boot, Speedometer Cable, Type 1 61-77, Ghia 56-74,
Type 3 62-73, Thing 73-74, Each
(Ref. P/N: 111 957 861)

98-7022-B

DUST BOOT - HEATER CABLE

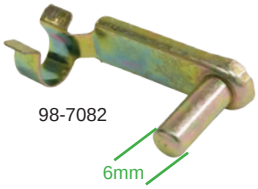
98-7022-B Dust Boot, Heater Cable, Type 1 50-79, Ghia 56-74,
Type 3 64-73, Thing 73-74, Each
(Ref. P/N: 113 711 691)

98-7086-B

DUST SEAL - ACCELERATOR PEDAL

TYPE 2

98-7086-B Dust Seal, Accel Rod/Pedal, Type 2 55-79, Each
(Ref. P/N: 211 721 387)



98-7082

CLUTCH CABLE CLEVIS PIN

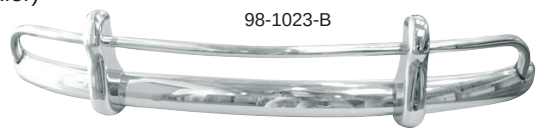
TYPE 2

98-7082 NEW! Clutch Cable Clevis Pin, Type 2 72-79, Each
(Bulk P/N: 211 721 351A)

STOCK-STYLE BUMPERS

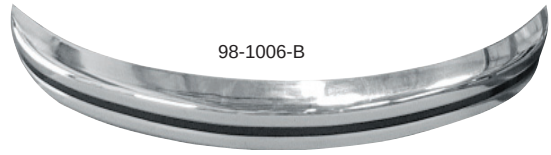
Give your VW a new smile with our stock style bumpers. Early (67 and earlier) are complete with bows and guards. Available for all Type 1.

98-1023-B Stock Bumper Assembly, Front 55-67
(Ref. P/N: 113 798 053A) **Shipped by Truck Only**.



98-1024-B Stock Bumper Assembly, Rear 55-67
(Ref. P/N: 113 798 073B) **Shipped by Truck Only**.

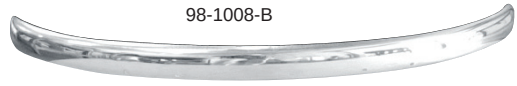
98-1006-B Stock Bumper, Front, 68-73
(Ref. P/N: 113 707 103D) **Shipped by Truck Only**.



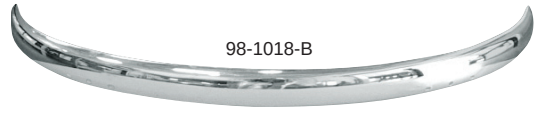
98-1017-B Stock Bumper, Rear, 68-73
(Ref. P/N: 113 707 303C) **Shipped by Truck Only**.

CAL-LOOK BUMPERS

98-1008-B Blade w/4 Holes for Brackets Only, Front, thru 67
(Ref. P/N: 113 707 111A) **Shipped by Truck Only**.



98-1018-B Blade w/4 Holes for Brackets Only, Rear, thru 67
(Ref. P/N: 113 707 311A) **Shipped by Truck Only**.



98-1007-B Bumper, w/Turn Signal Cut-outs, Front, 68-73
(Ref. P/N: 113 707 103DM)**(Note: P/N: 98-1005 Brackets Required)**
Shipped by Truck Only.

3173 Euro Bumper Guard, Front & Rear, thru 67, Pair
(Bulk P/N: 111 707 155, Each)

98-1071 Turn Signal Assy. 3-Wire for P/N: 98-1007-B, Each
(Bulk P/N: 113 953 049AK)

98-1005 Bracket for P/N: 98-1007-B Bumper, Pair
(Bulk P/N: 111 807 115, Each)

98-1114-B

98-1115-B

98-1110-B

98-1111-B

98-1112-B

98-1113-B

SHOW CHROME HIGH QUALITY BUMPERS

All new Show Chrome Bumpers are a step up from all previous bumpers offered. Finshed as if you sent them to a local chrome shop, these bumpers are plated and polished to a Show Chrome Finish.

98-1114-B Bumper Assembly, Front 55-67
Shipped by Truck Only.

98-1115-B Bumper Assembly, Rear 55-67
Shipped by Truck Only.

98-1110-B Bumper Blade, Front 68-73
Shipped by Truck Only.

98-1111-B Bumper Blade, Rear 68-73
Shipped by Truck Only.

98-1112-B Euro Bumper Blade, w/ 4 Holes for Brackets, Front, thru 67
Shipped by Truck Only.

98-1113-B Euro Bumper Blade, w/ 4 Holes for Brackets,Rear, thru 67
Shipped by Truck Only.

Notched for Rubber Impact Strip

98-0750

98-0751

CHROME BUMPER GUARDS

Add protection and great looks with these Chrome Bumper Guards. Fits both Front or Rear and come skinpacked in pairs for bumpers with or without impact strip.

98-0750 Chrome Bumper Guards
Front or Rear, Left or Right for bumpers with Impact Strip, Type 1, S/B 68-73, Pair

98-0751 Chrome Bumper Guards
Front or Rear, Left or Right for bumpers without Impact Strip, Type 1, S/B 68-73, Pair

STAINLESS STEEL BUMPER OVER RIDERS

16-9801

16-9802

These reproductions of the vintage bumper over riders feature a stainless steel blade. All other components and support are plated. The bumper over rider bolts to the front or rear of your existing bumper with included hardware. They can be used with blade or factory over-rider front bumpers. For Type 1, thru 1967.

16-9801 Stainless Steel Front Over Rider Set, Type 1, thru 67

16-9802 Stainless Steel Rear Over Rider Set, Type 1, thru 67

"T" BARS / TUBE BUMPERS

The original "Cal-Look" T-Bars. Choose from T-Bars in chrome, black or polished aluminum. Tube nerf bars in chrome.

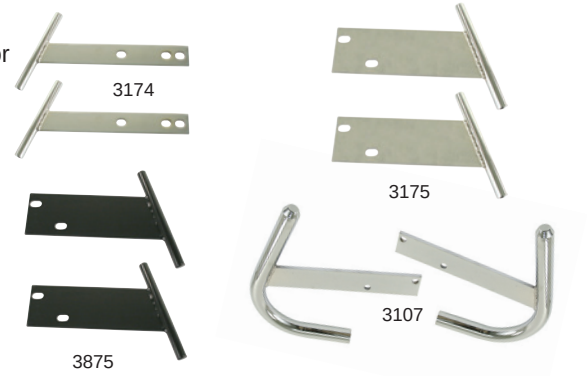
3174 "T" Bars, Chrome, thru 67, Pair

3175 "T" Bars, Chrome, 68-73, Pair

3874 "T" Bars, Black, thru 67, Pair

3875 "T" Bars, Black, 68-73, Pair

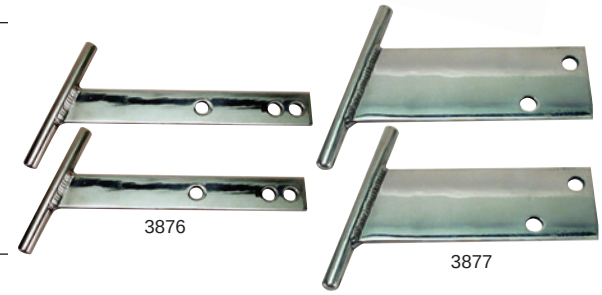
3107 Chrome Tube Nerf Bar, 68-73, Pair (Boxed)



POLISHED ALUMINUM "T" BARS

3876 Polished Alum. "T" Bars, Type 1, thru 67, Pair

3877 Polished Alum. "T" Bars, Type 1, 68-73, Pair



BUMPER BRACKETS & SUPPORTS

98-1016 Support Tube Black, Front, 55-67, Pair
(Bulk P/N: 113 707 233/4, Each)

98-1022 Support Tube, Rear, Black, 55-67, Pair
(Bulk P/N: 113 707 391/2, Each)

98-1078 Reinforcement, Black, 55-67, Pair
(Bulk P/N: 111 707 121, Each)

98-1009 Bracket, Front Left, Black, 68-73, Each
(Bulk P/N: 113 707 133A)

98-1010 Bracket, Front Right, Black, 68-73, Each
(Bulk P/N: 113 707 134A)

98-1019 Bracket, Rear Left, Black, 68-73, Each
(Bulk P/N: 113 707 333A)

98-1020 Bracket, Rear Right, Black, 68-73, Each
(Bulk P/N: 113 707 334A)

EMPI HEAVY DUTY BUMPER BRACKETS

Original quality, heavy duty bumper brackets powder coated black.

98-1011 Bracket, Front Black, 55-67, Pair
(Bulk P/N: 111 707 135A/6A, Each)

98-1021 Bracket, Rear, Black, 55-67, Pair
(Bulk P/N: 111 707 335B/6B, Each)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

CHROME BUMPER BOLTS

98-1013-B

98-1013	Bolt, Long, thru 67, Set of 4
98-1013-7	Bulk Bolt, Long, 100 pcs.
98-1013-B	Bulk Bolt, Long, 12 pcs. (Ref. P/N: 113 707 191B)
98-1014	Bolt, Short, 68-73, Set of 4
98-1014-7	Bulk Bolt, Short, 68-73, 100 pcs.
98-1014-B	Bulk Bolt, Short, 68-73, 12 pcs. (Ref. P/N: 113 707 191C)

BUMPER CONVERSION BRACKETS

Now there is a way to install early blade style bumpers onto a 68-73 Beetle! These conversion brackets bolt directly onto 68-73 Beetles and exit out of the stock fender/bracket hole. These do not fit Super Beetles. Due to their size and design, being made to an early bracket dimension at the fender, they allow for installing early fenders on your car at the same time. Finished with a nice satin black powdercoat these brackets help make for a great resto-custom upgrade. Mounting holes are slotted to accomodate most manufacturer's bumpers.

15-2045	Brackets,Type 1, 68-73, to Early Bumper, Front, Pair
15-2046	Brackets,Type 1, 68-73, to Early Bumper, Rear, Pair

BUMPER SEALS & GROMMETS

Quality bumper bracket seals and over-rider grommets.

3178	Bumper Grommet, thru 67, Pair (Bulk P/N: 111 707 197A, Each)
3179	Bumper Grommet, 68-73 (Exc. 71-73 S/B Front), Pair (Bulk P/N: 111 707 197B, Each)
98-1015	Over-rider Grommet, 55-67, Set of 4 (Bulk P/N: 111 707 199A, Each)
16-9526	Over-rider Plug Kit, 4 pcs

TYPE 1 3" BODY LIFT KIT

16-9800

Steel channel construction. Hardware included.

16-9800	3" Body Lift Kit, Type I, Kit (Boxed) **Shipped By Truck Only**

ORIGIN PLATES

Get the vintage "Euro" look with our Origin Plates. These plates were common in Europe to show other motorists were you were from; different letters designated the various countries. Available with the letter "D", for Deutschland (Germany) or the EMPI globe logo. The stainless steel bracket easily attaches to the rear bumper bracket of pre 1967 sedans and convertibles. Each plate comes with bracket and necessary hardware.

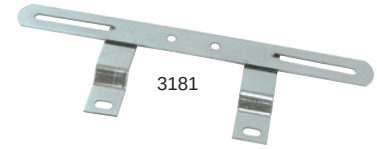
15-2040

15-2041

15-2040	"EMPI" Origin Plate w/Bracket
15-2041	"D" Origin Plate w/Bracket
15-2042	Stainless Steel Bracket Only for Origin Plate (w/Hardware)

LICENSE PLATE BRACKETS

Stock-style brackets bolt front license plate to bumper and rear to deck lid. Silver Zinc plated. Fits Type 1, 2, 3 & 4. Original design was for 68-79 T-1.


3181

3182

3181	License Bracket, Front, Each
3181-B	Bulk License Bracket, Front, Each
3182	License Bracket, Rear, Each
3182-B	Bulk License Bracket, Rear, Each

CHROME LICENSE PLATE LIGHT

Chrome plated heavy gauge steel with built-in license light. Great for Baja Bugs and Buggies. Comes with 12-Volt Bulb. **(Note: When installed on Fiberglass be sure to ground to chassis)**

9457

9457	Chrome License Plate Light w/Bracket

LICENSE PLATE FRAMES

Chrome steel license plate frames for front and rear plates.

15-2050	License Plate Frame, Chrome, Each

EMPI LICENSE PLATE FRAME

License plate frame with EMPI logo.

6461

6460

6461	EMPI USA License Plate Frame, Front, Each
6460	EMPI USA License Plate Frame, Rear, Each

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

H.D. STOCK REPLACEMENT RUNNING BOARDS

High quality heavy duty replacement running boards come complete with black vinyl mat and 16mm moldings. Fits all Type 1 & Super Beetle. Sold in pairs only.

6831-B H.D. Running Boards, Pair
(Ref: P/N: 113 821 509MHD)
(113 898 509B + 113 898 510B)

6820

6822

STAINLESS STEEL RUNNING BOARDS

Show quality polished Stainless Steel. Available louvered or smooth. Includes hardware. Fits all Type 1 Bug & Super Beetle. Bulk Running Boards are sold in 5-Packs only. **(Priced per pair)**

6820 Stainless Steel Running Boards, Louvered, Pair
6820-9 Bulk Stainless Steel Louvered Running Brd.
(Must buy Multiples of 5) **+**

6822 Stainless Steel Running Boards, Smooth, Pair
6822-9 Bulk Stainless Steel Smooth Running Brd.
(Must buy Multiples of 5) **+**

STAINLESS STEEL BUMPER OVER RIDERS

These reproductions of the vintage bumper over riders feature a stainless steel blade. All other components and support are plated. The bumper over rider bolts to the front or rear of your existing bumper with included hardware. They can be used with blade or factory over-rider front bumpers. For Type 1, thru 1967.

16-9801

16-9802

16-9801 Stainless Steel Front Over Rider Set, Type 1, thru 67

16-9802 Stainless Steel Rear Over Rider Set, Type 1, thru 67

EMPI BILLET LOOK RUNNING BOARDS

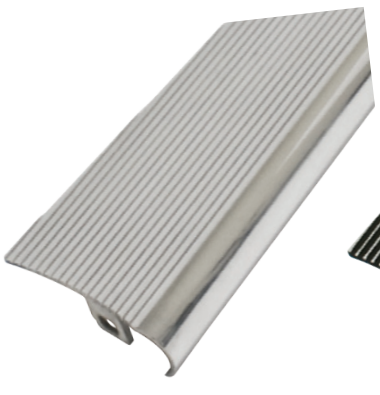
EMPI's high quality extruded aluminum running boards add that great custom look to any Beetle. Made from THICK extruded aluminum for extra strength. They never rust and with the black powder coat finish they will keep their good looks for years. Available in four popular versions... Fully polished for that full custom effect, Black High Gloss with Polished Ribs and Black Satin with Polished Edge (vintage style). All are supplied with necessary mounting hardware. Fits all Type 1 & S/B.

15-3016 Billet Look Running Brd., Fully Polished, Pr.

15-3017 Billet Look Running Brd., Gloss Black/Polished Ribs, Pr.

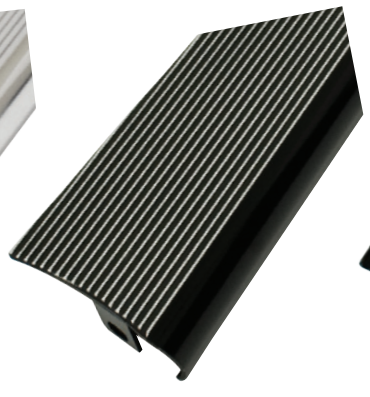
15-3018 Billet Look Running Brd., Black Satin, Polished Edge, Vintage Style, Pr.

15-3019 Billet Look Running Brd., Gloss Black, Polished Ribs, Polished Edge, pr.



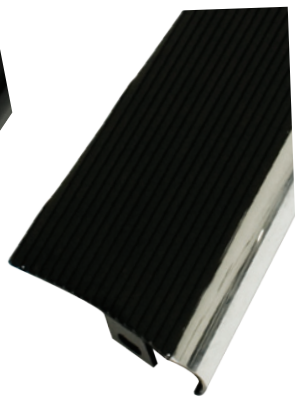
15-3016

FULLY POLISHED



15-3017

GLOSS BLACK W/ POLISHED RIBS



15-3018

BLACK SATIN W/ POLISHED EDGE

15-3019

GLOSS BLACK W/ POLISHED RIBS AND EDGE

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

Floor Pan Halves

Stamped from 22 gauge material (.750mm) and are painted black. Made in Brazil. They cannot be shipped via UPS.
Shipped by Truck Only

We have made a custom box for floor pans:

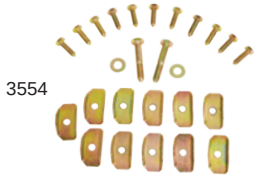
For Pans (56-70 & 71-72) box holds 5 each (right or left) or 2 pairs.
Late Pans (73-79) box holds 4 each (right or left) or 2 pairs.
Will not fit convertibles.

EMPI Part #	OEM Part #	Description	Years	Details
NEW! 98-4720-B	111 701 061M	Left Floor Pan, Type 1 Sedan	1956-1970 (Mexico 1964-1990)	Seat Rails and Jack Support Welded In
NEW! 98-4721-B	112 701 062K	Right Floor Pan, Type 1 Sedan	1956-1970 (Mexico 1964-1990)	Seat Rails and Jack Support Welded In
NEW! 98-4722-B	111 701 061N	Left Floor Pan, Type 1 Sedan, S/B	1971-1972	Seat Rails and Jack Support Welded In
NEW! 98-4723-B	112 701 062N	Right Floor Pan, Type 1 Sedan, S/B	1971-1972	Seat Rails and Jack Support Welded In
NEW! 98-4724-B	111 701 061Q	Left Floor Pan, Type 1 Sedan, S/B	1973-1979	Seat Towers and Jack Support Welded In
NEW! 98-4725-B	112 701 062Q	Right Floor Pan, Type 1 Sedan, S/B	1973-1979	Seat Towers and Jack Support Welded In

NEW! 98-4720-B | 98-4721-B NEW! | NEW! 98-4722-B | 98-4723-B NEW! | NEW! 98-4724-B | 98-4725-B NEW!

FLOOR PAN INSTALLATION KIT

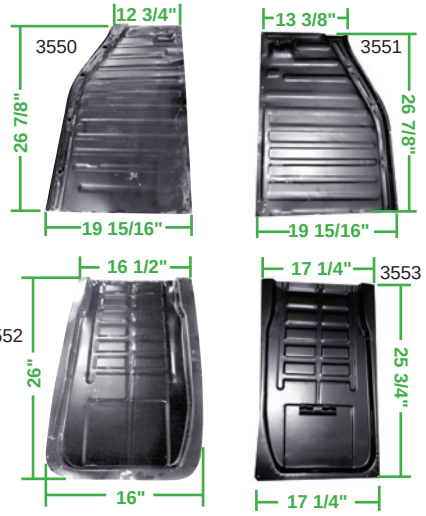
All of the Bolts and Pan Washers needed to replace one pan half. Requires 2 kits per car.



3554 Bolts and Pan Washers for one pan half, Set.
(Bulk P/N: 111 898 061)

QUARTER REPLACEMENT FLOOR PANELS

Don't install your new carpet kit over dangerous, old rusted-out floors! Metal replacement floor panels make it fast and easy to make repairs. Requires cutting, fitting and welding. Fits Type 1 all years, not Superbeetle.
(All panels are without seat rails)



3550 Front Floor Panel, w/o Seat Rails, Left, Ea
(Ref. P/N: 111 701 059Q)
3551 Front Floor Panel, w/o Seat Rails, Right, Ea
(Ref. P/N: 111 701 060Q)
3552 Rear Floor Panel, Left, Ea
(Ref. P/N: 112 701 063Q)
3553 Rear Floor Panel, w/Battery Bracket, Right, Ea
(Ref. P/N: 112 701 064Q)

Replacement Body Parts (Sheet Metal)

EMPI Part #	OEM Part #	Description	Years	Details	Freight
NEW! 98-8750-B	113 823 031L	Front Hood w/ Vents	1968-1977	Standard Beetle	Shipped by Truck Only
NEW! 98-8755-B	113 821 021M	Left Front Fender	1968-1973	Standard Beetle	Shipped by Truck Only
NEW! 98-8756-B	113 821 022M	Right Front Fender	1968-1973	Standard Beetle	Shipped by Truck Only
NEW! 98-8751-B	111 805 591B	Front Apron, w/ Bumper Overrider Holes	1955-1967	Standard Beetle	UPS+
NEW! 98-8752-B	111 805 591C	Front Apron	1968-1977	Standard Beetle	UPS+
NEW! 98-8774-B	111 805 501B	Front Apron, Complete Assembly	1961-1967	Standard Beetle	Shipped by Truck Only
NEW! 98-8765-B	111 805 501C	Front Apron, Complete Assembly	1968-1977	Standard Beetle	Shipped by Truck Only

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

Replacement Body Parts (Sheet Metal)

EMPI Part #	OEM Part #	Description	Years	Details	Freight
NEW! 98-8776-B	111 821 305Q	Left Rear Fender	1946-1967	Standard Beetle	Shipped by Truck Only
NEW! 98-8775-B	111 821 306Q	Right Front Fender	1946-1967	Standard Beetle	Shipped by Truck Only
NEW! 98-8759-B	111 821 305L	Left Rear Fender	1968-1972	68-72 Standard Beetle 71-72 Super Beetle	Shipped by Truck Only
NEW! 98-8760-B	111 821 306L	Right Rear Fender	1968-1972	68-72 Standard Beetle 71-72 Super Beetle	Shipped by Truck Only
NEW! 98-8757-B	111 821 305M	Left Rear Fender	1973	1973 Standard Beetle 1973 Super Beetle	Shipped by Truck Only
NEW! 98-8758-B	111 821 306M	Right Rear Fender	1973	1973 Standard Beetle 1973 Super Beetle	Shipped by Truck Only

Replacement Body Parts (Sheet Metal)

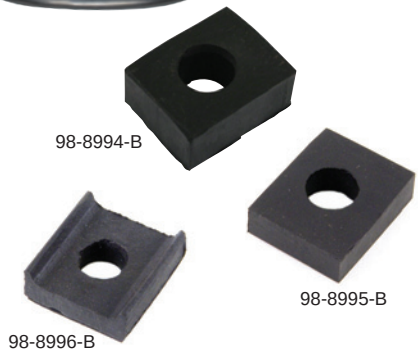
EMPI Part #	OEM Part #	Description	Years	Details	Freight
NEW! 98-8754-B	111 813 301F	Rear Apron	1949-1966	Standard Beetle	UPS+
NEW! 98-8753-B	111 813 301K	Rear Apron	1968-1974	68-74 Standard Beetle 71-74 Super Beetle	UPS+
NEW! 98-8761-B	111 827 025AC	Rear Deck Lid, w/o Vents	1968-1979	All Sedan / Conv.	**Shipped by Truck Only**
NEW! 98-8762-B	111 827 025AD	Rear Deck Lid, w/ 4 Vents	1968-1979	All Sedan / Conv.	**Shipped by Truck Only**

BODY MOUNTING RUBBER PADS

98-8994-B Rubber Pad, Body Mounting (17mm), Lower, Type 1 53-77, Each
(Ref. P/N: 111 899 115A)

98-8995-B Rubber Pad, Body Mounting (10mm), Lower, Type 1 53-77, Each
(Ref. P/N: 111 899 115A10)

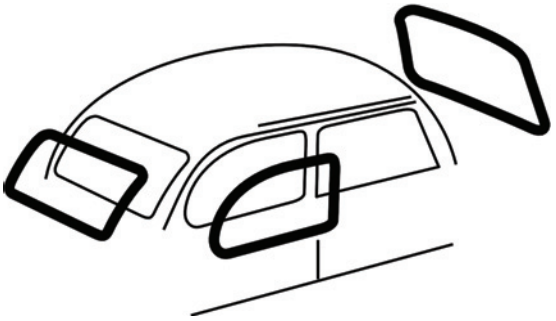
98-8996-B Rubber Pad, Body Mounting (10mm), Upper, Type 1 53-77, Each
(Ref. P/N: 111 899 123A)



SUN VISOR

Fiberglass sun visor adds that custom look and aids visibility. Paint to match your VW. Fits all Type 1 and Super Beetle. (Custom fitting necessary).

6467 Sun Visor, Each UPS +



CAL-LOOK WINDOW RUBBER

High quality window rubber made **without** molding groove for that smooth Cal-Look. And for that special contrast finish, choose White Rubber.

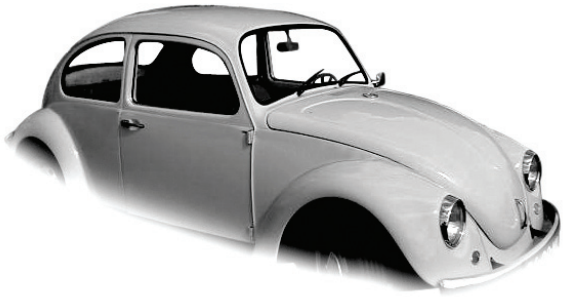
CAL-LOOK KITS

3586	Rubber Kit, Type 1, 58-64, 4-Piece Set
3587	Rubber Kit, Type 1, 65-71 & 71 S/B, 4-Piece Set
3589	Rubber Kit, Type 1, 73-77 S/B, 4-Piece Set
3599	Rubber Kit, Type 1, 72-77 STD & 72 S/B, 4-Piece Set
3596	Rubber Kit, Type 3, Squareback, 4-Piece Set

INDIVIDUAL CAL-LOOK SEALS

Available for Type 1 only. Black only.

3569	Quarter Window Rubber, 65-77, Pair
3572	Windshield Rubber, thru 57
3574	Windshield Rubber, 65-77, 71-72 S/B
3577	Rear Window Rubber, 58-64
3578	Rear Window Rubber, 65-71
3579	Rear Window Rubber, 72-77 All



WHITE CAL-LOOK RUBBER KITS

For that special contrast finish. Sold in 4-Piece Sets Only.

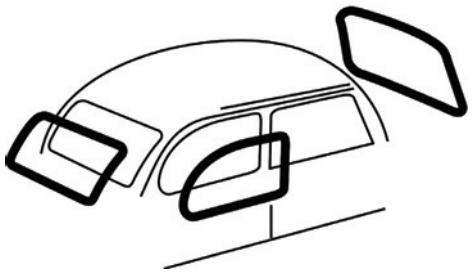
3545	Rubber Kit, Type 1, 53-57, 4-Piece Set
3548	Rubber Kit, Type 1, 73-77 S/B, 4-Piece Set

STOCK WINDOW RUBBER

Bring Back the factory appearance of your Type 1 with New Window Rubber. With groove for molding.

STOCK WINDOW RUBBER KITS TYPE 1 - W/ MOLDING GROOVE

98-4542-B	Stock Window Rubber w/Groove Kit, 58-64, 4-Piece Set
98-4543-B	Stock Window Rubber w/Groove Kit, 65-71, 4-Piece Set
98-4544-B	Stock Window Rubber w/Groove Kit, 72-77, 4-Piece Set
98-4545-B	Stock Window Rubber w/Groove Kit, 73-77 S/B, 4-Piece Set



WINDSHIELD SEALS TYPE 1 SEDAN - WITH MOLDING GROOVE

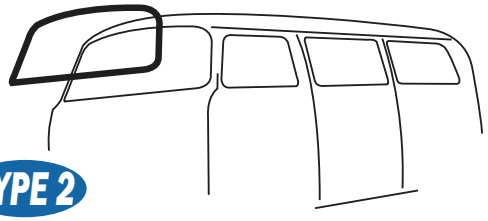
113 845 121J	**98-4531-B**	Type 1 65-77, Super Beetle 71-72

REAR WINDOW SEALS TYPE 1 SEDAN - WITH MOLDING GROOVE

113 845 521J	**98-4554-B**	Type 1 65-71

QUARTER WINDOW SEALS TYPE 1 SEDAN - WITH MOLDING GROOVE

113 845 321D	**98-4535-B**	Type 1, 65-77, Left or Right w/Fixed Quarter Windows, Each
113 847 135A	**98-4714-B**	Type 1 65-77, Left or Right w/Pop-out Quarter Windows, Each



TYPE 2

TYPE 2 WINDSHIELD SEAL - WITH MOLDING GROOVE

211 845 121D	**98-8614-B**	Type 2 68-79 NEW!

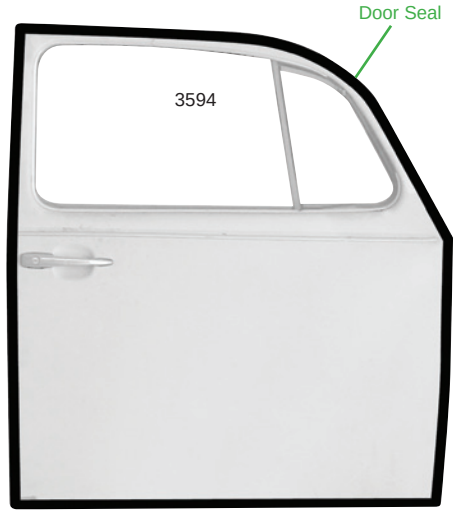
DOOR SEALS

Stock replacement door seals keep the heat in and the water, wind and noise out! For Type 1 Sedans and Type 2.

3593 Door Seals, Type 1, 56-66, Pair
(Bulk P/N: 111 831 721A/2A, Pair)
3594 Door Seals, Type 1, 67-on, Pair
(Bulk P/N: 111 831 721D/2D, Pair)

3597 Door Seals, Type 2, 68 & Later, Pair
(Bulk P/N: 211 831 721D/2D, Pair)

TYPE 2



VENT WINDOW SEALS

Stock replacement vent window rubber for Type 1 Sedans.

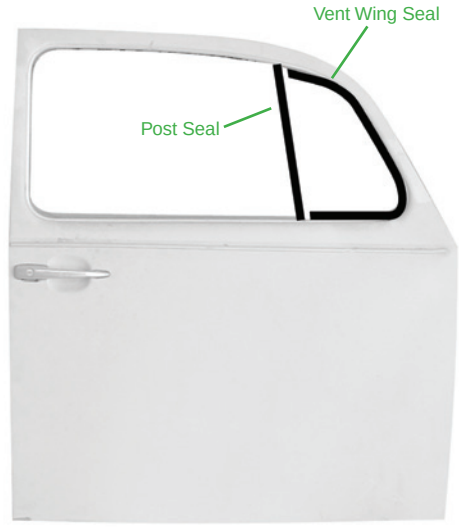
98-1086 Vent Wing Seal, Left, Type 1, 52-64
(Bulk P/N: 111 837 625)
98-1087 Vent Wing Seal, Right, Type 1, 52-64
(Bulk P/N: 111 837 626)

98-2007 Vent Wing Seal, Left, Type 1, 65-on
(Bulk P/N: 111 837 625B)
98-2008 Vent Wing Seal, Right, Type 1, 65-on
(Bulk P/N: 111 837 626B)

241 837 465 **98-3730-B** Vent Window Post Seal Left & Right, Type 1, 65-on, Each

211 837 629 NEW! **98-3727-B** Vent Window Post Seal Left & Right, Type 1 52-64 and Type 2 55-67, Each

TYPE 2



REPLACEMENT FELT WINDOW CHANNELS

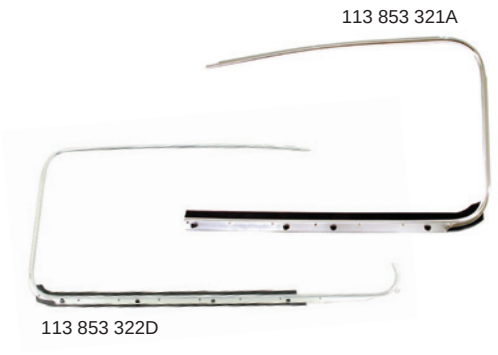
Replace that worn and fraying felt channel with EMPI's felt window channels.

98-2089-B Vent Wing Post Channel, 10mm, 52-64
(Ref. P/N: 311 837 433)
98-2090-B Vent Wing Post Channel, 12mm, 65-on
(Ref. P/N: 311 837 433A)
9771-B Top/Rear Channel, All Sedans, Pair
(72" Long, for Stock & 1-Piece Window Applications)
(Ref. P/N: 111 837 439D, Pair)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

REPL. TRIM FRAMES & WINDOW SCRAPERS

Stock style replacement window scrapers. The outside scrapers are complete with bright aluminum molding.



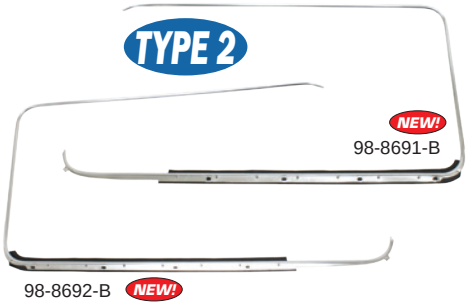
OUTSIDE TRIM FRAMES / SCRAPERS

98-1047-B Left Outer Scraper, Type 1 52-64 UPS+
(Ref. P/N: 113 853 321A)

98-1049-B Right Outer Scraper, Type 1 52-64 UPS+
(Ref. P/N: 113 853 322A)

98-1048-B Left Outer Scraper, Type 1 65-77 UPS+
(Ref. P/N: 113 853 321D)

98-1050-B Right Outer Scraper, Type 1 65-77 UPS+
(Ref. P/N: 113 853 322D)



98-8691-B NEW! Left Outer Scraper w/ Trim, Type 2 68-79
(Ref. P/N: 211 853 321B)

98-8692-B NEW! Right Outer Scraper w/ Trim, Type 2 68-79
(Ref. P/N: 211 853 322B)

INSIDE SCRAPERS

111 837 475 **98-1085-B** Left/Right Inner Scraper, 7 Clips, Type 1 52-64, Each

111 837 475A **98-2061-B** Left Inner Scraper, 7 Clips, Type 1 65-68
111 837 476A **98-2062-B** Right Inner Scraper, 7 Clips, Type 1 65-68

111 837 475B **98-2063-B** Left Inner Scraper, 4 Clips, Type 1 69-on
111 837 476B **98-2064-B** Right Inner Scraper, 4 Clips, Type 1 69-on

WINDOW SASHES

Window sashes attach the glass to the regulators and must be used when converting to a one piece window on 58-64 and 68-77 Type 1.

9759 Window Sash, Pair

FELT CHANNEL CLIPS

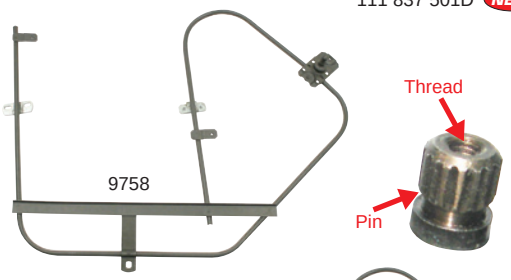
98-8345-B Felt Channel Clips, Type 1 50-79, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each
(Ref. P/N: 111 837 361)

WINDOW REGULATORS

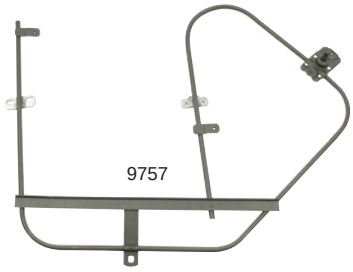
9757 and 9758 new and improved Window Regulators for 65-67 Type 1 Sedan stock applications and converting 58-67 and 68-77 Type 1 Sedans to one-piece windows. **Splined Shaft is machined to accept early (Pinned) and late model (Screw) window cranks.**
We now offer replacement window regulators for most Type 1 and also 68-79 Type 2.

98-8352-B NEW! Window Regulator, Type 1 56-64, Left
(Ref. P/N: 111 837 501D)
98-8355-B NEW! Window Regulator, Type 1 56-64, Right
(Ref. P/N: 111 837 502D)

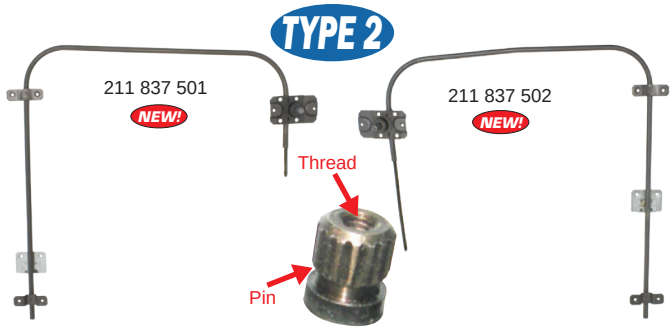
9757 Window Regulator, Type 1 65-67, Left UPS +
(Bulk P/N: 111 837 501F)
9758 Window Regulator, Type 1 65-67, Right UPS +
(Bulk P/N: 111 837 502F)

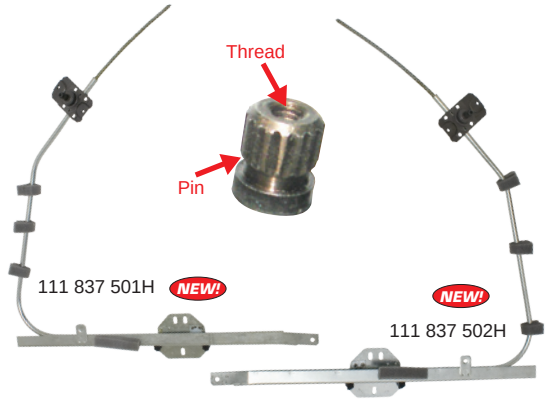


98-8353-B NEW! Window Regulator, Type 1 6/68-74, Left UPS +
S/B 71-74 (Does not work for 1 Piece Window Conversion Kit)
(Ref. P/N: 111 837 501H)
98-8356-B NEW! Window Regulator, Type 1 6/68-74, Right UPS +
S/B 71-74 (Does not work for 1 Piece Window Conversion Kit)
(Ref. P/N: 111 837 502H)



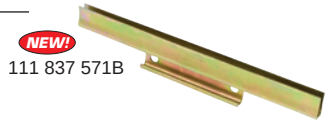
98-8351-B NEW! Window Regulator, Type 2 68-79, Left UPS +
(Ref. P/N: 211 837 501)
98-8354-B NEW! Window Regulator, Type 2 68-79, Right UPS +
(Ref. P/N: 211 837 502)





WINDOW LIFT CHANNELS

This door window glass lift channel fits both left and right sides, sold each.

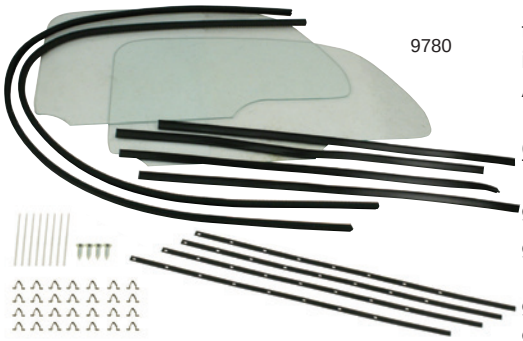


98-8687 NEW! Window Lift Channel, Type 1 52-64, Type 3 62-73, Pair
(Bulk P/N: 111 837 571B) Each
98-8366 Window Lift Channel, Type 1 68-77, Pair
(Bulk P/N: 111 837 571G) Each

98-8686 NEW! Window Lift Channel, Type 2 68-79, Pair
(Bulk P/N: 211 837 571A) Each

WINDOW LIFT SEAL

98-8685-B NEW! Window Lift Seal, Each
Type 1 Conv. 65-70, S/B Conv. 71-79,
(Ref. P/N: 111 837 565C)



ONE PIECE WINDOW KITS

Eliminate your vent windows for that smooth Cal-Look. Kits feature clear fully tempered glass, felt window channels, inner and outer scrapers and detailed installation instructions. Choose original Glue-in or easy Snap-in Kits.
All applications require the use of P/N 9756 Door Stops.

ONE PIECE WINDOW KITS W/GLUE-IN SCRAPERS

9760* 1 Piece Window Kit, Type 1 58-64 UPS+
9763* 1 Piece Window Kit, Type 1 65 & Later UPS+

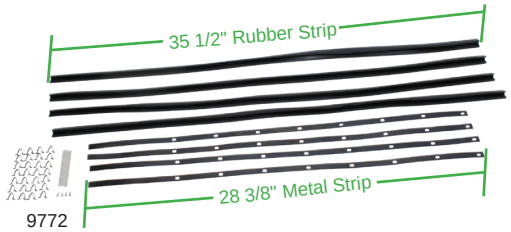
9770 Replacement Window Scrapers, Pack of 4
9771-B Replacement Window Channel, Pair
(Ref. P/N: 111 837 439D, Pair) (72" Long, for Stock & 1-Piece Applications)

ONE PIECE WINDOW KITS W/SNAP-IN SCRAPERS

Snap In

9780* 1 Piece Snap-In Window Kit, Type 1 58-64 UPS+
9783* 1 Piece Snap-In Window Kit, Type 1 65 & Later UPS+

***Note: All 58-64 and 68-77 applications require the use of P/N: 9757 & 9758 1965-67 window regulators and P/N: 9759 window sashes.**



9772

SNAP-IN KITS

Replace your 1 piece window glue-in scrapers with this new Snap-In Scraper Kit. The rubber strips are 35 1/2" long, and the metal strips are 28 3/8" long.

9772 Snap-In Scraper Kit Only, Type 1 58-64
9773 Snap-In Scraper Kit Only, Type 1 65 & Later

9773

DOOR STOPS

EMPI's custom designed door stops replace original door stops when installing 1-piece windows and helps prevent the glass from breaking when the door is closed with the window down. Includes hardware.

9756 Door Stops, Pair

GREY TINTED REAR QUARTER WINDOWS

B600021 Grey Tinted Rear Quarter Windows, Type 1 65-77, Pair UPS+

NOTE: TINTED GLASS SPECIFICATIONS
Gray Tinted DOT 3/16"/5mm Glass; Visible Light 52% Transmittance, 5% Reflectance; Total Solar Energy 54% Transmittance, 5% Reflectance; UV 34% Transmittance; U-Value Summer 1.09, Winter 1.10; European U-Value (K-Value) 5.8; Solar Heat Gain Coefficient 0.63; Shading Coefficient 0.76

FENDER BEADING KITS

Finish off your new paint job with new fender beading. Prevents against rust and corrosion by keeping moisture out of body joints. Available in white or black to match or off-set your color scheme.

HIGH QUALITY FENDER BEADING

With notches for bolts.

6729 Fender Beading, Black, Skinpacked, Pair
6729-7 Bulk Fender Beading, Pair

HIGH QUALITY FENDER BEADING

Without notches for bolts.

6730 Fender Beading Kit, Black, 25' Length
6734 Fender Beading Kit, White, 25' Length

CUSTOM FENDER BEADING

Available in black for that stock look. Special high quality Copolymer. It is precision extruded. Comes in a 25 foot length which is ample for four fenders.

B601700 Fender Beading Kit w/o Notches, 25', Black

STANDARD FENDER BEADING

With notches for bolts.

3003 Fender Beading, Black, Each
3003-8 Fender Beading, Black, Pair
(Bulk P/N: 111 821 715A, Pair)
3048 Fender Beading, Black, Set of 4

FRONT TURN SIGNAL SEALS - TYPE 1

High quality seals include wiring tube on early models just like original.
Fits Type 1 VWs.

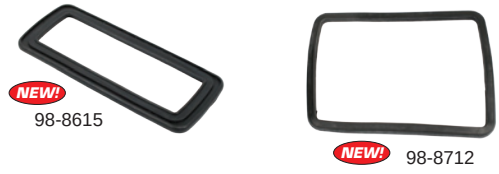
6701 Turn Signal Seals, w/Wiring Tubes Attached, Type 1 58-63, Pair
(Bulk P/N: 111 953 193, Pair)
6702 Turn Signal Seals, w/Wiring Tubes Incl., Type 1 64-69, Pair (4 pcs.)
(Bulk P/N: 111 953 193E, Pair, 4 pcs.)
6703 Turn Signal Seals, Type 1 70-79, Pair
(Bulk P/N: 113 953 193, Pair)

FRONT TURN SIGNAL SEALS - TYPE 2

High quality seals, left or right. Fits Type 2 VWs.

98-8615 NEW! Turn Signal Lens Seal, Type 2 68-72, Pair
(Bulk P/N: 211 953 165C) Each

98-8712 NEW! Turn Signal Lens Seal, Type 2 73-79, Pair
(Bulk P/N: 211 953 165D) Each



TAIL LIGHT SEALS - TYPE 1

High quality tail light seals. Fits Type 1.

6704 Tail Light Seals, 62-67, Pair
(Bulk P/N: 111 945 191E, Pair)
6705 Tail Light Seals, 68-70, Pair
(Bulk P/N: 111 945 191G/2A, Pair)
6706 Tail Light Seals, 71-72, Pair
(Bulk P/N: 113 945 191/192, Pair)

TAIL LIGHT SEALS – TYPE 2

Designed to replace the 62-71 Type 2 Tail light seals.

98-9631 Tail Light Seals, Type 2 62-71, Each
(Bulk P/N:211 945 245A)

6714

6713

6708

6707

Profile
3591

3591

3592

Profile
3592

Profile
111 813 741G

111 813 741G

98-2039
NEW!

Profile
98-2039-B

3590

3157

Profile
3157

NEW!
98-2084

NEW!
98-2083

98-2044

NEW!
98-8342

TYPE 2

98-8337-B

98-2046

98-2048

LICENSE LIGHT SEALS

High quality license light seals. Fits Type 1.

6714 License Light Seal, 52-57, Each
(Bulk P/N: 111 943 191B)
6713 License Light Seal, 58-63, Each
(Bulk P/N: 111 943 191C)
6707 License Light Seal, 64-66, Each
(Bulk P/N: 113 943 191)
6708 License Light Seal, 67-79, Each
(Bulk P/N: 111 943 191E)

ENGINE SEAL

Stock replacement engine seal. Seals engine tin to body. A must for engine cooling.

3591 Engine Compartment Seal, Type 1 thru 66
(Bulk P/N: 111 813 705A)
3592 Engine Compartment Seal, Type 1 67-74
(Bulk P/N: 111 813 705D)
98-2039 NEW! Engine Compartment Seal, Type 1 75-79
(Bulk P/N: 133 813 705)
98-8133-B Seal, Bell Housing, Type 1 50-79, Ghia 56-74, Type 2 55-71. Many people use 3591 for this application.
(Ref. P/N: 111 813 741G)

FRONT HOOD & DECK LID SEALS

Stock replacement seals. Fits all Type 1 and Super Beetle.

3590 Front Hood Seal, All Std. Type 1 & 71-72 S/B
(Bulk P/N: 113 823 731B)
3588 Front Hood Seal, 73-79 S/B
(Bulk P/N: 133 823 731)

3598 Rear Deck Lid Seal, All
(Bulk P/N: 111 827 705)

BELLY PAN GASKET

Installs between body and pan providing a water-tight seal. Great for body-off restorations, Kit Cars, Baja Bugs and Dune Buggies.

3157 Belly Pan Gasket, Each
(Bulk P/N: 113 701 605)

HANDLE & LOCK SEALS

High quality seals for a factory-new look.

98-2044 Hood Handle Seals, Clear, Type 1 68-79, Set of 2
(Bulk P/N: 113 823 579A)
98-2046 Door Handle Seals, Type 1 60-65, Set of 4
(Bulk P/N: 111 837 211A)
98-2048 Door Handle Seals, Type 1 68-79, Set of 4
(Bulk P/N: 111 837 211C)
98-8337-B Door Handle Seals, Type 2 69-79, Set of 4
(Ref. P/N: 211 898 211A)
98-8342 Door Handle Seals, Type 2 64-68, Set of 4
(Bulk P/N: 211 837 211)
98-2083 NEW! Decklid Handle Seal, Type 1 65-71, Type 2 66-67, Each
(Bulk P/N: 111 827 517A)
98-2084 NEW! Decklid Handle Seal, Type 1 72-79, Type 2 67-79, Thing 73-74, Each
(Bulk P/N: 111 827 517B)

HANDLES & LOCKS

High quality handles & locks to replace broken, rusted or scratched originals.

DOOR HANDLES

98-2032 Keyed Alike Door Handles, 60-64, Pair
(Bulk P/N: 113 898 205C)

98-8675 NEW! Door Handle, Non-Locking, Type 1 60-64, Each
(Bulk P/N: 113 837 206C)

98-1038 Outer Door Handle w/Keys, Left or Right, 68 & Later, Each
(Bulk P/N: 113 837 205M)

98-2034 Keyed Alike Door Handles, 68 & Later, Pair
(Bulk P/N: 113 898 205M)

98-8690 NEW! Side Door Handle, Type 2 55-67, Each
(Bulk P/N: 211 841 631E)

98-8334-B Door Handle, Left or Right, Type 2 69-79, Each
(Ref. P/N: 211 837 205N)

HOOD HANDLES & COMPONENTS

98-1032 Hood Handle, Type 1 thru 67
(Bulk P/N: 113 823 565A)

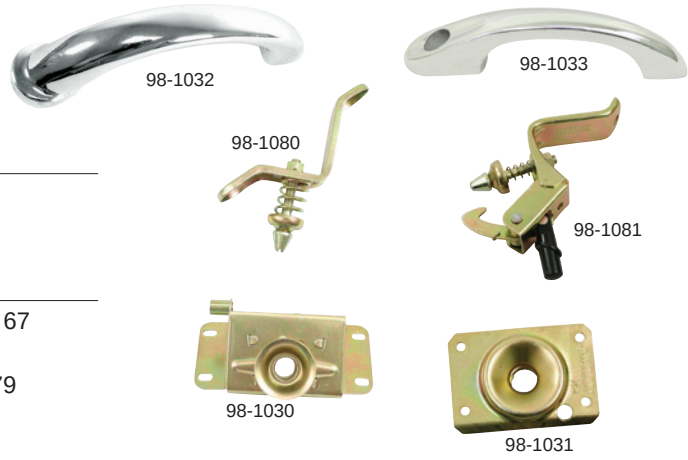
98-1033 Hood Handle, Type 1 68 & Later
(Bulk P/N: 113 823 565F)

98-1080 Hood Lock Pin, Type 1 thru 67
(Bulk P/N: 111 823 507A)

98-1081 Hood Lock Pin, Type 1 68 & Later
(Bulk P/N: 111 823 507F)

98-1030 Receiver, Front Apron, Type 1 thru 67
(Bulk P/N: 111 823 509B)

98-1031 Receiver, Front Apron, Type 1 68-79
(Bulk P/N: 152 823 509B)



DECK LID LOCKS

98-1090 Deck Lid Lock w/Keys, Type 1, thru 64
(Bulk P/N: 113 827 571D)

98-1084 Deck Lid Lock w/Keys, Type 1, 65-66
(Bulk P/N: 113 827 503A)

98-1034 Deck Lid Lock w/Keys, Type 1, 67-71
(Bulk P/N: 113 827 503F)

98-1035 Deck Lid Lock w/Keys, Type 1, 72-79
(Bulk P/N: 113 827 503H)

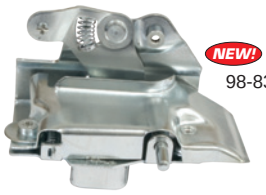
98-8671 NEW! Deck Lid Lock w/Keys, Type 2, 55-63
(Bulk P/N: 211 829 231A)

98-8672 NEW! Deck Lid Lock w/Keys, Type 2, 67-71
(Bulk P/N: 211 829 231G)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

DOOR CHECK ROD ASSEMBLY

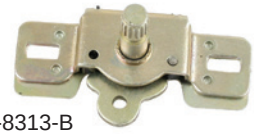
98-8677 NEW! Door Check Rod Assembly, Left/Right, Type 1 62-79, Sedan, Convertible, S/B
(Bulk P/N: 111-837-249B)



DOOR LOCK MECHANISM

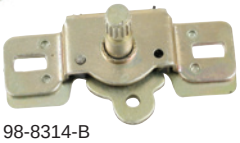
98-8311 NEW! Door Lock Mechanism, Left, Type 1 56-64, Each
(Bulk P/N: 111 837 015B)

98-8312 NEW! Door Lock Mechanism, Right, Type 1 56-64, Each
(Bulk P/N: 111 837 016B)



DOOR RELEASE MECHANISM

98-8313-B Door Release Mechanism, Left, Type 1 56-64, Each
(Ref. P/N: 111 837 021B)



98-8314-B Door Release Mechanism, Right, Type 1 56-64, Each
(Ref. P/N: 111 837 022B)

STRIKER PLATES

98-8321-B Striker Plate, Left, Type 1 60-64, Each
(Ref. P/N: 111 837 035B)

98-8323-B Striker Plate, Right, Type 1 60-64, Each
(Ref. P/N: 111 837 036B)

98-8322-B Striker Plate, Left, Each
Type 1 68-77, Type 3 67-73
(Ref. P/N: 151 837 035C)

98-8324-B Striker Plate, Right, Each
Type 1 68-77, Type 3 67-73
(Ref. P/N: 151 837 036C)

98-8678 NEW! Striker Plate, Left, 3 Hole Design, Each
Type 2 64-66
(Bulk P/N: 211 837 295B)

98-8680 NEW! Striker Plate, Right, 3 Hole Design, Each
Type 2 64-66
(Bulk P/N: 211 837 296)

98-8679 NEW! Striker Plate, Left, 2 Hole Design, Each
Type 2 67-79, Thing 73-74
(Bulk P/N: 211 837 295D)

98-8681 NEW! Striker Plate, Right, 2 Hole Design, Each
Type 2 67-79, Thing 73-74,
(Bulk P/N: 211 837 296B)

TRIM & BODY GUARDS

Trim sets add a custom look, while Door, Hood & Fender guards protect your paint from scratches and dings. **All stainless steel items are "polished".**

DOOR HANDLE GUARDS

6446 Door Handle Guard, Stainless Steel, Type 1, 56-59, Pair
6447 Door Handle Guard, Stainless Steel, Type 1, 60-67, Pair
6448 Door Handle Guard, Stainless Steel, Type 1, 68-70, Pair
6431 Door Handle Guard, Aluminum, Type 1, 68-70, Pair
6432 Door Handle Guard, Aluminum, Type 1, 71-on, Pair

HOOD HANDLE GUARDS

6449 Hood Handle Guard, Stainless Steel, Type 1, thru 67, Includes Gasket

6433 Hood Handle Guard, Aluminum, Type 1, 68-on, Includes Gasket

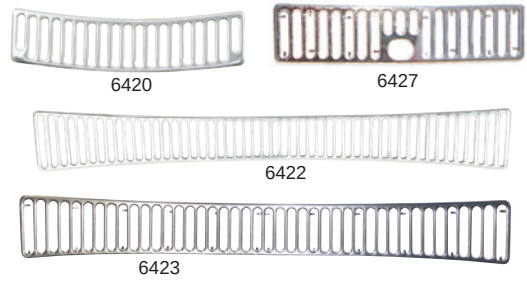
HORN GRILLE

98-1053 Horn Grille, Type 1, 52-67, Left or Right, Each
(Bulk P/N: 113 853 641A)
98-1057 3-Bar Horn Grille, 52-72, Each
98-1057-B Bulk 3-Bar Horn Grille, 52-72, Each

FRONT & REAR VENT TRIM

6420 Front Hood Grille, Aluminum, Type 1, 68-77, 71-72 S/B (19 Slots)
6427 Front Hood Grille, Aluminum, Type 1, 73-79, S/B (19 Slots)

6422 Rear Air Intake Grille, Aluminum, Type 1, 65-71 (50 Slots)
6423 Rear Air Intake Grille, Aluminum, Type 1, 72-77 (42 Slots)
Check Number of Slots Before Ordering



QUARTER VENT GRILLES, BLACK OR CHROME

Mirror finish Chromed Plastic or Black Plastic Vent Grilles are a stand out on your 71 & later Type 1.

98-9982 Chromed Plastic Quarter Vent Grilles, Type 1 71 & Later, Pair
(Bulk P/N: 98-9982-B, Pair)
(Ref P/N:113-819-447C/8C, Pair)

98-1028 Quarter Grilles, Black Plastic, Type 1, 71-on, Pair
(Bulk P/B: 98-1028-B, Pair)
(Ref P/N: 113 819 447A/8A, Pair)

ENGINE DECK LID TRIM

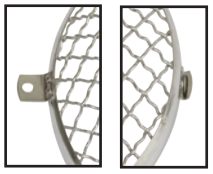
6425 2-Piece Grille Set, Aluminum, Type 1
6426 4-Piece Grille Set, Aluminum, Type 1

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

STAINLESS STEEL HEADLIGHT STONE GUARD

High quality Stainless Steel Headlight Stone Guards. Easy to install, sold in pairs.

18-1112 NEW! Stainless Steel Headlight Stone Guards, Pair
Type 1 66 & Earlier, 356 Porsche



9302 NEW! Stainless Steel Headlight Stone Guards, Pair
Type 1 1967-1979, Type 3 1964-1973, Type 2 1968-1979
7 inch headlights

HEADLIGHT EYE BROWS

Choose Stainless Steel or Chrome, smooth or louvered for that custom or classic look.

6458 Eye Brows, Smooth Stainless Steel, Type 1, Pair

6450 Eye Brows, Smooth Chrome, Type 1, Pair
6451 Eye Brows, Louvered Chrome, Type 1, Pair

CAT EYES

Gleaming Chrome Cat Eye headlight covers add a custom look to your VW. Fits 67 and later with 7" sealed beam bulb.

6457 Cat Eye Headlight Covers, Pair

VENT SHADES

Stainless Steel Vent Shades allow you to roll down your windows slightly without the effects of wind and rain.

9741 S/S Vent Shades, Type 1, 53-64, Pair
9740 S/S Vent Shades, Type 1, 65-77, Pair

9742 S/S Vent Shades, Type 2, 68-79, Pair

9743 S/S Vent Shades, Type 3, 66-74, Pair

TAIL LIGHT TRIM

98-8709 NEW! Chrome Tail Light Trim/Bezel, Left/Right, Pair
Type 1 62-67
(Bulk P/N: 111 945 117) Each

98-8710 NEW! Chrome Tail Light Trim/Bezel, Left/Right, Pair
Type 1 68-70
(Bulk P/N: 111 945 117A) Each

STAINLESS STEEL FENDER GUARDS

These durable highly polished Stainless Steel Fender Guards will protect your paint job for years with little or no maintenance. Choose from the contemporary style of the 60's and 70's, or the early vintage look.

6444

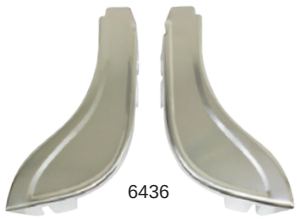
6439

6444	Vintage Fender Guards, Stainless Steel, Rear, Type 1, Pair, w/Hardware
6439	Fender Guards, Front, Stainless Steel, Type 1, Pair, w/Plastic Trim
6440	Fender Guards, Rear, Stainless Steel, Type 1, Pair, w/Plastic Trim

6440

ALUMINUM FENDER GUARDS

Protect your paint from stones and road debris with our fender guards. Available in durable aluminum finish with plastic trim.



6436

6436	Fender Guards, Front, Aluminum, Type 1, Pair
6434	Fender Guards, Rear, Aluminum, Type 1, Pair

6434

EMPI MUD FLAPS

An EMPI exclusive. Heavy duty mud flaps with the EMPI logo. Choose black with white logo, or white with black logo. Includes mounting hardware. Fits Type 1, thru 67 (68-73 with slight modifications). Type 2 Bus is also available. Sold in pairs.

15-1090	Mud Flaps, Black w/White Logo, Type 1, Pair
15-1091	Mud Flaps, White w/Black Logo, Type 1, Pair
15-1092	Mud Flaps, Black w/White Logo, Type 2, thru 72, Pair
15-1093	Mud Flaps, White w/Black Logo, Type 2, thru 72, Pair

TYPE 2

SPARE TIRE KIT - TYPE 2

Allows you to move your spare tire out of your interior and on to the front of your Type 2. Complete kit includes mount bracket, tire cover and mounting hardware. Works with early & late Type 2 wheels.

4222

4225

4219	Spare Tire Kit w/Black Cover
4220	Spare Tire Kit w/Off-White Cover
4222	Replacement Cover, Black
4223	Replacement Cover, Off-White
4225	Spare Tire Mount Only w/Hardware

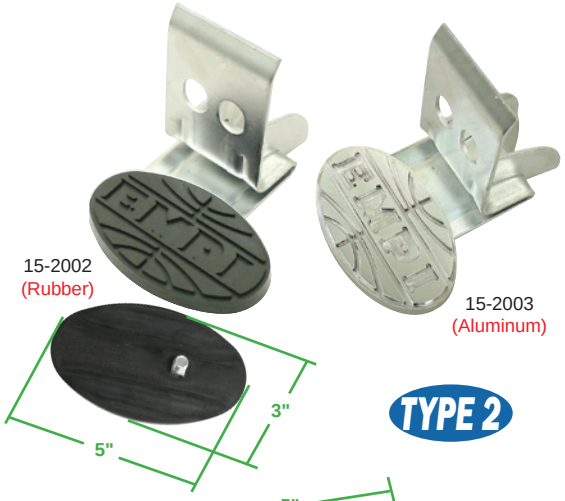
TYPE 2

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

ALUMINUM SIDE STEP FOR BUS

Heavy duty aluminum side step mounts on the outside of your double door Type 2 or bay window sliding door. Fits into existing jack points. Comes with all necessary hardware. Fits Type 2 1950-1979.

15-2028 NEW! Type 2 Aluminum Side Step
Fits Type 2 50-79

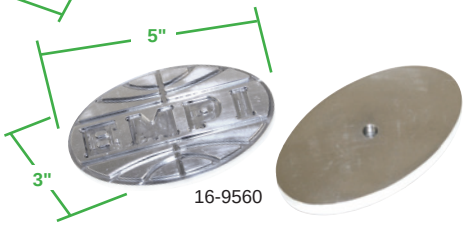


EMPI VINTAGE TYPE 2 SIDE STEPS

It's back…It's true, EMPI has re-issued the vintage Type 2 Front Side Step. The EMPI step is by far one of the most popular and sought after early Type 2 accessories. True to the original, we have faithfully reproduced the step to be just like the original with the EMPI logo as the step! Fits early Type 2 1959-1967. Two steps are included for left and right sides with silver zinc plated brackets and mounting hardware. The EMPI Front Side Step is one of the first items to be reintroduced for the "EMPI Vintage Parts" program. Now also available with a machined and polished 6061 T-6 Billet Aluminum EMPI logo for that custom Cal-Look application! The Aluminum Step has a female thread in the center. The rubber step has a stud offset to one side. Left and Right are the same.

15-2002 Vintage Type 2 Side Step w/ Bracket, Pair
15-2003 EMPI Aluminum Type 2 Step w/ Bracket, Pair

16-9560 EMPI Billet Aluminum Step,
3/8" x 24 Thread, Pair



BUMPER STEP PADS - TYPE 2

Black molded Rubber Step Pads for front bumpers of Type 2 1968-1972. Sold in pairs.

98-8621 NEW! Step Rubbers for Bumpers, Type 2, Pair
(Bulk P/N: 211 707 291) Pair

SIDE SCOOPS - TYPE 2

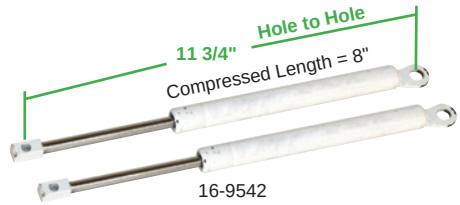
Get maximum air flow to the engine compartment. Type 2 Air Scoops are made of white paintable plastic. Mounts over existing air intakes. Fits Type 2 thru 67.

4212 Van Air Scoops, Type 2, thru 67, Pair

FRONT HOOD GAS STRUTS

If you're tired of that same old "squawk" when you open the front hood, we've got just what you need. These up-to-date struts are an affordable and functional update to any street or show car and provide the correct amount of resistance to avoid buckle.

16-9542 Front Hood Gas Struts, Type1 except 73 1/2-79 S/B, Pair



16-9542

CHROME HOOD HINGES

Replaces stock hinges for that show car look. All Type 1 Exc. Super Beetle.

8660 NEW! Chrome Hood Hinges, Pair

CHROME DECK LID BRACKETS & SPRING

Replaces stock brackets and spring with Chrome versions.

8661 Chrome Deck Lid Spring, Each
8662 Chrome Deck Lid Brackets, Pair

8661
8662

GHIA DECK LID SPRING

98-9201 NEW! Deck Lid Spring for Ghia, 56-74
(Bulk P/N: 141 827 331)

BILLET ALUMINUM DECK LID STAND-OFF

Trick looking Polished Billet Aluminum Deck Lid Stand-off functions to raise your deck lid about 2.5" while looking awesome. Comes with set screws. Fits early T-handle Type 1 only, 50-64.

17-2948 Billet Aluminum Deck Lid Stand-Offs, Type 1, Each

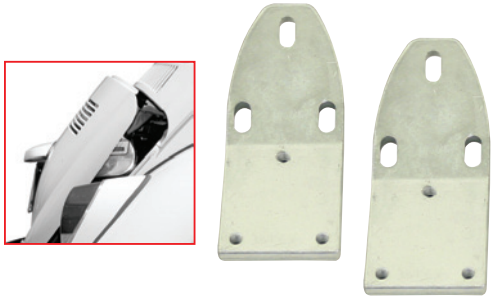
17-2948

DECKLID HINGE BRACKET

16-9837 Decklid Hinge Bracket, M6-1.0 Threaded, Pair

16-9837-7 Bulk Decklid Hinge Bracket, M6-1.0 Threaded Type 1 1950-79, Each
(Bulk P/N: 111 827 171) Each

16-9837



DECK LID STAND-OFFS

Bolts between your deck lid brackets and body to lift and hold top of deck lid away from the body allowing improved cooling. Made from cast aluminum. Fits all Type 1.

9141 Deck Lid Stand-Offs w/Hardware, Pair

DECK LID QUICK RELEASE PINS

By removing the existing deck lid hinge pins and using these quick release clip/pins you can easily remove your deck lid for engine tuning any time you want. Great for sedans with dual carburetors where you can never get your arm into the right spot or for those of you who happen to always hit their head on the deck lid!

8669 Deck Lid Quick Release Clips, Pair

DECK LID RUBBER STOP

98-8212-B Rubber Stop, Decklid, Type 1 67-79, Each
(Ref. P/N: 171 823 499)

FRONT HOOD SPRING COVER

98-8211-B Cover, Front Hood Spring, Black Plastic, Each
Type 1 62-77
(Ref. P/N: 113 823 355)

EMPI LICENSE PLATE FRAME

License plate frame with EMPI logo.

6461 EMPI USA License Plate Frame, Front, Each
6460 EMPI USA License Plate Frame, Rear, Each

DECK LID RAIN DEFLECTOR

Easy to install, this deflector keeps rain out of your engine compartment while allowing cool air in. Made from high-impact black plastic. Hardware included.

6464 Deck Lid Rain Deflector w/Hardware, All Type 1

MOLDING KITS

Replace those old and dull moldings with our high quality bright anodized aluminum 7 piece molding kits. Fits Type 1 except Super Beetle. **(Clips are not included).** Each kit is boxed.

98-8701-B NEW! 7-Piece Molding Kit, Type 1, 53-62
(Ref. P/N: 111 898 111)
98-1060-B 7-Piece Molding Kit, Type 1, 63-66
(Ref. P/N: 111 898 111A)
98-1059-B 7-Piece Molding Kit, Type 1, 68-72
(Ref. P/N: 113 898 111)

MOLDING CLIPS

98-1051 Molding Clip, Type 1,
Fits both standard and S/S moldings, 52-66,
Pack of 50
(Bulk P/N: 113 853 585B, Bulk Pack of 100)

98-1051

98-1052 Molding Clip, Type 1,
Fits both standard and S/S moldings, 67-79,
Pack of 50
(Bulk P/N: 113 853 585C, Bulk Pack of 100)

98-1052

98-9973 Molding Clip,
Type 1 Convertible, 50-64, Ghia 56-71,
Pack of 50
This clip holds the chrome and the rubber strip on the top edge of the doors.
(Bulk P/N: 151 898 235, Bulk Pack of 100)

98-9973

STAINLESS STEEL FIREWALL KITS

Give your VW that show car finish with these highly polished Stainless Steel firewall panels. Choose between smooth or louvered. Louvered kit only has the large center piece louvered. Fits Type 1 (Exc. Convertible). (Bulk Firewalls are in packs of 5 each)

LOUVERED FIREWALL KITS

Large piece is Louvered and side pieces are Smooth

62-3020 3-Piece Firewall Kit, Louvered, Each
62-3020-9 Bulk 3-Piece Firewall Kit, Louvered
(Must Buy Multiples of 5)

SMOOTH FIREWALL KITS

All 3 pieces are Smooth

62-3030 3-Piece Firewall Kit, Each
62-3030-9 Bulk 3-Piece Firewall Kit
(Must Buy Multiples of 5)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

62-3060

62-3050

ALUMINUM FIREWALL PANELS

Get that Pro Stock look with these Aluminum Firewall Panels. Our 3-piece kit covers the sides and front firewall of all Type 1's. We have your Karmann Ghia covered too, with our 5 piece kit.

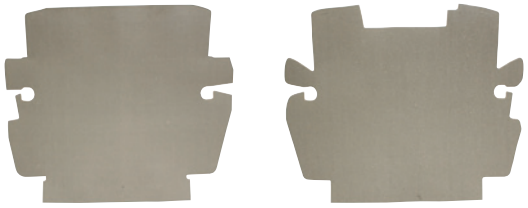
62-3050 Type 1, 3-Piece Aluminum Firewall Kit, Each +

62-3060 Karmann Ghia 5-Piece Aluminum Firewall Kit +

HEAVY DUTY FIREWALL INSULATION KIT

Helps keep engine noise and heat where it belongs...in the engine compartment. Fits Type 1, trimming required for convertibles.

98-1062-B Firewall Insulation Kit, 3 pcs. (5.0mm thick)
(Ref. P/N: 113 898 805HD)



98-1082-B 98-1083-B

FRONT TRUNK LINERS

These stock fiberboard liners are a perfect replacement for old, worn out or missing liners.

98-1082-B Trunk Liner, Type 1, 61-67 +
(Ref. P/N: 113 863 509C)

98-1083-B Trunk Liner, Type 1, 68-77 (Exc. S/B) +
(Ref. P/N: 113 863 509F)

EMPI SPARE TIRE TOOL BOX

EMPI brings back another old favorite with our reproduction of the ever popular and useful spare tire tool box. The EMPI globe logo embossed black lid folds down to reveal a true to original assortment of tools accented in blue felt to help with roadside repairs. Fits all stock and chrome rims that utilize hub cap clips (5 Lug x 205mm). Complete with tools. Tools supplied should be considered for show only and not for actual use.

15-2016 EMPI Spare Tire Tool Box

SPARE TIRE COVER / TOOLBAG

A Two-fer…covers your spare tire and neatly holds tools – wrenches, screwdrivers, etc. Made of Black vinyl. Fits Type 1 & Ghia For 15" Wheel. Tools not included.

4290 Spare Tire Cover / Toolbag, each

3570-B

3571-B

3565-B

WIRE COVERS

Replace your stock fiberboard cover with this durable ABS plastic wire cover. Features black crinkle finish. Can be painted if desired.

3570-B Wire Cover, Type 1 55-67
(Ref. P/N: 113 863 515C)

3571-B Wire Cover, Type 1 68-77 (Exc. S/B)
(Ref. P/N: 113 863 515H)

3565-B Wire Cover, Karmann Ghia
(Ref. P/N: 141 863 515C)

EMPI SPORT MIRRORS

EMPI mirrors offer style, performance, great looks and visibility. Fully adjustable with universal mounting. They fit most models of cars.

EMPI MINI SPYDER MIRROR

The EMPI Mini Spyder Mirror is very similar to the Baby Turbo Mirror without duplicating the "Italian" price. Exclusive base design assures proper fit to Type 1 sedan. Blue tinted glass reduces glare. **Comes in an attractive clear plastic EMPI display box. This mirror is universal fit, left or right.**

4590 EMPI Mini Spyder Mirror, Left or Right, Each

MINI SPYDER STYLE MIRROR

An economical version of the EMPI Mini Spyder mirror but without the blue mirror glass and the EMPI display packaging. Shipped in a plain box.

4565 Mini Spyder Style Mirror, Left or Right, Each

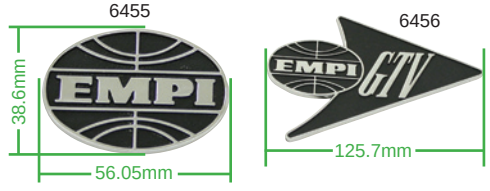
EMPI MINI SPRINT MIRROR

The EMPI Mini Sprint Mirror replicates the Baby Tornado Mirror in all ways except one...the "Italian" price tag. Specially designed by EMPI, the base easily allows for "level" mirrors when installed on Beetle doors! Comes with blue tinted glass to help reduce glare. **Both left or right mirrors are shipped in EMPI clear plastic display boxes.**

4591 EMPI Mini Sprint Mirror, Left
4592 EMPI Mini Sprint Mirror, Right

EMPI EMBLEMS

Die Cast EMPI and EMPI GTV Logos. Emblems attach easily to your VW without drilling.



6455 "EMPI" Emblem, Each
6456 "EMPI GTV" Emblem, Each

EMBLEM CLIPS & RETAINERS

98-8393-B Clip/Retainer, Decklid Script, Type 1 67-74, Each
(Ref. P/N: 111 853 695)

98-8392-B Seal/Retainer, Emblem, Type 1 60-77, Each
(Ref. P/N: 113 853 615)

CHROME EMBLEMS & HORN GRILLES

Use for dress-up or to make a statement. Attaches easily to hood, deck lid or most any location.

3183 "Street Machine" Emblem, Each
3184 "Hot Rod" Emblem, Each

98-1053 Horn Grille, Type 1, 52-67, Left or Right, Each
(Bulk P/N: 113 853 641A)

98-1057 3-Bar Horn Grille, 52-72, Each
98-1057-B Bulk 3-Bar Horn Grille, 52-72, Each

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

STOCK-STYLE MIRRORS

Complete your restoration with replacement mirrors. Right side mirrors increase rear visibility. All items listed come in skinpack display cards. Order the bulk part number if you want it bulk, boxed.

98-2013 Mirror, Type 1, thru 67, Round, Left
(Bulk P/N: 113 857 513A) (Use P/N: 98-2101 Threaded Door Hinge Pin)
98-2014 Mirror, Type 1, thru 67, Round, Right
(Bulk P/N: 113 857 514A) (Use P/N: 98-2101 Threaded Door Hinge Pin)

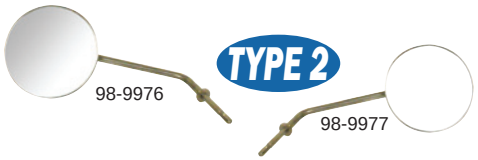
98-8581 Mirror, Type 1, thru 67, Oval, Left
(Bulk P/N: 113 857 513ATD) (Use P/N: 98-2101 Threaded Door Hinge Pin)
98-8582 Mirror, Type 1, thru 67, Oval, Right
(Bulk P/N: 113 857 514ATD) (Use P/N: 98-2101 Threaded Door Hinge Pin)

98-2101 **Mirror Hinge Pin**, Black, Type 1, 49- 67, Each
(Bulk P/N: 111 857 514B)

98-2015 Mirror, Type 1 Sedan, 68 & Later, Left
(Bulk P/N: 113 857 513D) Black trim around glass
98-2016 Mirror, Type 1 Sedan, 68 & Later, Right
(Bulk P/N: 113 857 514D) Black trim around glass

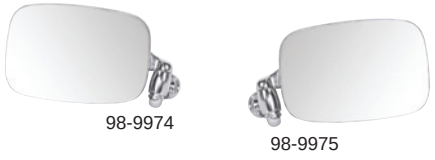
98-8571 Mirror, Type 1 Convertible, 68 & Later, Left
(Bulk P/N: 151 857 501)
98-8572 Mirror, Type 1 Convertible, 68 & Later, , Right
(Bulk P/N: 151 857 502)

98-8573 Mirror, Type 2, 55-67, Fits Left or Right, Each
(Elephant Ear Style) Black trim around glass
(Bulk P/N: 211 857 513EE)



98-9976 Mirror, Type 2 to 67, Left, Ea.
(Bulk P/N: 98-9976-B Includes Mirror,Arm and Clamp)
98-9977 Mirror, Type 2 to 67, Right, Ea.
(Bulk P/N: 98-9977-B Includes Mirror,Arm and Clamp)

98-2017 Mirror, Type 2, 68-79, Left
(Bulk P/N: 211 857 513F) Grey trim around glass
98-2018 Mirror, Type 2, 68-79, Right
(Bulk P/N: 211 857 514F) Grey trim around glass



98-9974 Mirror, Ghia 66 & Later, Left, Ea.
(Bulk P/N: 141 857 501)
98-9975 Mirror, Ghia 66 & Later, Right, Ea.
(Bulk P/N: 141 857 502)

WIPER ARMS AND BLADES

98-9553 Wiper Arm, Silver, Left or Right, Type 1 58-64
(Bulk P/N: 113 955 407B)

98-9554 Wiper Arm, Silver, Left or Right, Type 1 65-67
(Bulk P/N: 113 955 407D)

98-9551 Wiper Arm, Silver, Left, Type 1 68-69
(Bulk P/N: 111 955 407D)

98-9558 Wiper Arm, Silver, Right, Type 1 68-69
(Bulk P/N: 111 955 408)

98-9552 Wiper Arm, Silver, Left, Type 1 70-72
(Bulk P/N: 111 955 407F)

98-9555 Wiper Arm, Silver, Right, Type 1 70-72
(Bulk P/N: 111 955 408B)

98-9549 Wiper Arm, Black, Left, Type 1 73-77 (Exc. S/B) Super Beetle Sedan 71-72 ①
(Bulk P/N: 111 955 407H)

98-9550 Wiper Arm, Black, Right, Type 1 73-77 (Exc. S/B) Super Beetle Sedan 71-72 ①
(Bulk P/N: 111 955 408H)

98-9556 Wiper Arm, Black, Left, S/B 73-79
(Bulk P/N: 133 955 409)

98-9557 Wiper Arm, Black, Right, S/B 73-79
(Bulk P/N: 133 955 410)

98-9642-B Wiper Arm, Silver, Type 2 to 67, Left or Right
(Ref P/N: 221 955 407A)

① NOTE: These arms will not accept the OEM nut covers. To protect threads, use EMPI Cup Nuts. Part Number 98-9648-B (Silver) or 98-9647-B (Black). Sold as Each.

REPLACEMENT WIPER BLADES

98-9564-B (Ref. P/N: 40-716A) Bosch Wiper Blade, Black, 16", Type 2 68-79, Each Includes Universal Adapters

98-9565-B (Ref. P/N: 40-718A) Bosch Wiper Blade, Black, 18", Vanagon 80-91, Each Includes Universal Adapters

98-9559-B Wiper Blade, 10" / 255mm, Black, Type 1 58-64, Type 2 50-67, Each
(Ref. P/N: 113 955 425B)

98-9566-B Wiper Blade, 10" / 255mm, Silver, Type 1 58-64, Type 2 50-67, Each
(Ref. P/N: 113 955 425S)

98-9644-B Wiper Blade, 10.5" / 268mm, Silver, Type 1 65-67, Each
(Ref. P/N: 111 955 425B)

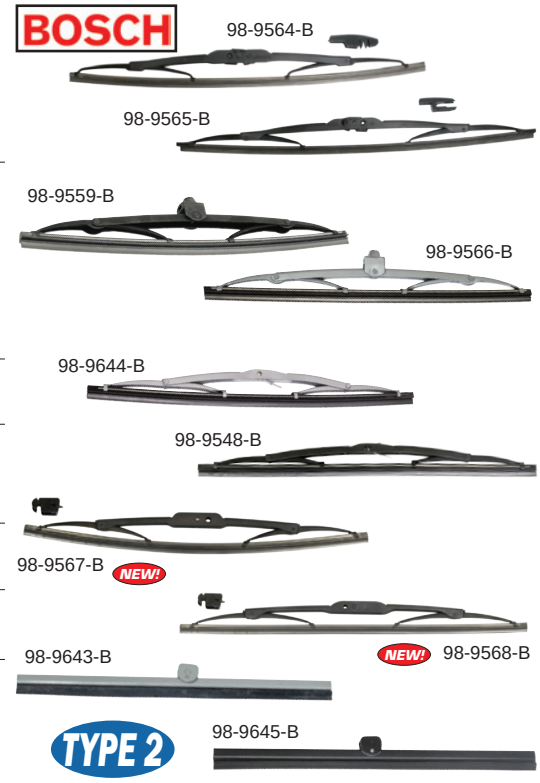
98-9548-B Wiper Blade, 11.3" / 288mm, Black, Type 1 68-77 (Exc. S/B), Super Beetle 71-72
(Ref. P/N: 111 955 425F)

98-9567-B NEW! Wiper Blade, 13", Black, Ghia 58-74, Type 3 62-70, Each
(Ref. P/N: 141 955 425B)

98-9568-B NEW! Wiper Blade, 15", Black, S/B 73-79, Type 3 71-73, Each
(Ref. P/N: 133 955 425A)

98-9643-B Wiper Blade, 10.75" / 274mm, Silver, Type 2 to 67, Each
(Ref P/N: 221 955 425C)

98-9645-B Wiper Blade, 10.75" / 274mm, Black, Type 2 to 67, Each
(Ref P/N: 221 955 425CBL)



WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.

WIPER ARM CAP NUTS

The Cap Nuts listed below fit the following EMPI Wiper Arms: 98-9552 / 98-9555, 98-9549 / 98-9550, 98-9556 / 98-9557.

They fit Type 1 and Conv. 70-72, Ghia and Conv. 70-72, S/B 71-72 and Type 2 69-79. The silver ones are raw aluminum and the black ones are alunimum painted black. The hex head is 13mm and the threads are M6 x 1.0. Sold Each.

98-9647-B

98-9648-B

98-9647-B NEW! Wiper Arm to Shaft Cap Nut, Black, Each
(Ref. P/N: 211 955 417B)

98-9648-B NEW! Wiper Arm to Shaft Cap Nut, Silver, Each
(Ref. P/N: 211 955 417A)

WIPER SHAFT SEALS & GROMMETS

98-9578-B

98-9580-B

98-8718-B

TYPE 2

98-9579-B

98-9578-B NEW! Wiper Shaft Grommet, Each
Fits Type 1 58-69, Ghia 58-69, Type 3 62-69
(Ref. P/N: 111 955 261A)

98-9580-B Wiper Shaft Ferrule, Each
Type 1 70-77, Ghia 68-74, S/B 71-72,
Type 2 69-79, Type 3 64-73
(Ref. P/N: 311 955 261A)

98-8718-B NEW! Wiper Shaft Grommet, Type 2 55-67, Each
(Ref. P/N: 211 955 261A)

98-9579-B NEW! Wiper Shaft Grommet, Each
S/B 73-79, Vanagon 80-91
(Ref. P/N: 133 955 261)

WIPER SHAFT COVERS & CAPS

98-9581-B

98-9582-B

98-9581-B Protective Cover, Windshield Wiper Shaft, Each
Type 1 70-79, Ghia 70-74, Type 2 69-79,
Type 3 70-73
(Ref. P/N: 211 955 275A)

98-9582-B Cap, Windshield Wiper Shaft, Each
Type 1 73-79, Ghia 70-74, Type 2 73-79,
Type 3 70-73
(Ref. P/N: 133 955 435)

WINDSHIELD WASHER NOZZLES

98-9586

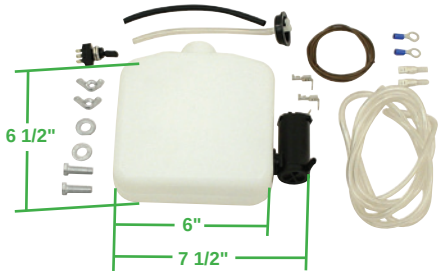
TYPE 2

98-9587

98-9586 Windshield Spray Nozzle, Pair
Type 1 60-79, Ghia 61-74, Type 3 64-73
(Bulk P/N: 111 955 993A) Each

98-9587 NEW! Windshield Spray Nozzle, Type 2 68-79, Pair
(Bulk P/N: 211 955 993) Each

ELECTRIC WINDSHIELD WASHER KIT



Universal design allows for use on most any application. Ideally suited for mounting and use on Type 1, 2 or 3's. 12-Volt motor is built into the see-thru plastic reservoir tank and all mounting hardware and wiring is included.

15-2060 Universal Wiper/Washer Kit

DELUXE CUSTOM FIT CAR COVERS

Pamper and protect your car with our Deluxe Car Covers. The thick water-resistant outer layers provide protection from the elements and impact while maintaining a high level of breathability. The diaper soft inner layer protects against scratches and abrasion. The Revolution material is highly resistant to rips tears and puncture. Deluxe Revolution Car Covers are custom tailored for each application (No antenna Pockets).

15-6401	Deluxe Car Cover, All Type1 & Super Beetle (w/Mirror Pockets) Will not fit convertible
15-6411	Deluxe Car Cover, Type 3 Squareback
15-6403	Deluxe Car Cover, All Karmann Ghia (w/Mirror Pockets)
15-6405	Deluxe Car Cover, Type 2, 50-72
15-6407	Deluxe Car Cover, Type 2 Bus, 73-79
15-6409	Deluxe Car Cover, Type 2 Camper, 68-92

CAR COVER LOCK AND CABLE

This lock and cable will fit all EMPI car covers. The cable is stainless steel and the lock is brass

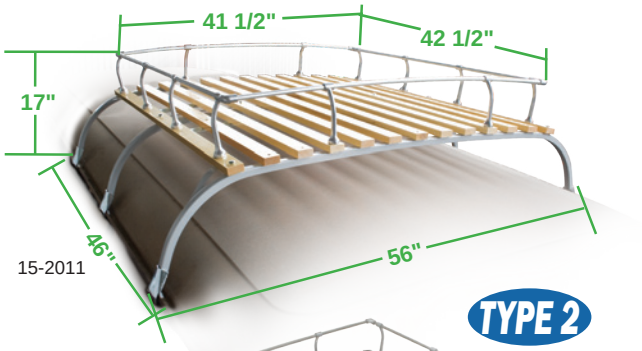
15-6415	NEW!	Lock and Cable for Car Covers

REPLACEMENT ANTENNAS

Stock-style replacement antennas. Poly bag for easy displaying.

58-3500	Antenna, Sidemount, Type 1 & Type 2 (48" Cable)
58-3501	Antenna, Type 1 67-79 (48" Cable)
58-3503	Antenna, Ghia Basemount (48" Cable)
58-3506	Antenna, Dual Base, Sidemount w/Chrome Mounts (60" Cable)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm.



TYPE 2 ROOF RACK (KNOCK DOWN)

EMPI's new Type 2 Wood Slat Roof Rack is as good as it gets. An excellent replica of the original made better. Adds that vintage look to any early bus, from the 23 deluxe to the late Type 2. It comes finished in Silver Powder Coat with hardwood slats and silver zinc plated hardware. The knock down design is easy to assemble. Best yet, it can be shipped in the big brown truck (UPS). Comes complete with all mounting hardware. This roof rack adds 10" inches to the height of your vehicle.

15-2011 Roof Rack, Type 2 50-79 ups+

15-2011-2 NEW! Replacement Complete Hardware Kit Only

This stainless steel roof rack is made and looks similar to our popular 15-2011 roof rack, but all tubing, mounts, slats etc. are all stainless steel.

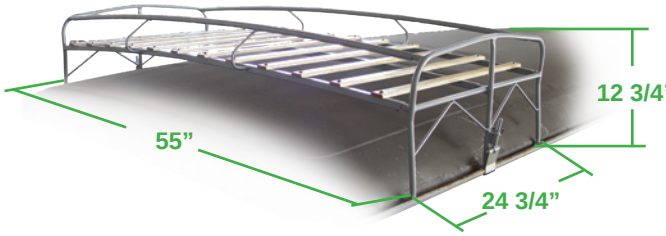
15-2027 NEW! Stainless Steel Roof Rack, ups+ Type 2 50-79

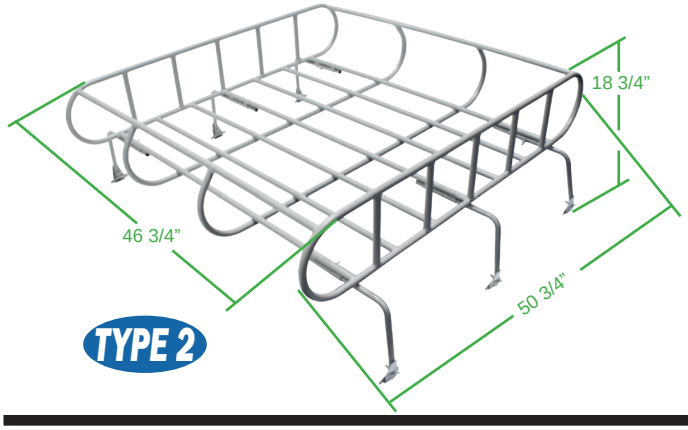
TYPE 2 SHORT ROOF RACK (KNOCK-DOWN)

This New Roof Rack for the Cab portion of your bus or transporter. Made from tubular steel and jig welded for a perfect fit. It comes finished in Silver Powder Coat with hardwood slats and silver zinc plated hardware. Fits on all years of Single Cab, Double Cab or Type 2. Built in a 'Knock-Down' design that can ship UPS. Adds 5 3/4" to the height of your vehicle.

15-2008 Type 2 Short Roof Rack, Type 2 50-79, ups+

15-2009 NEW! Replacement Roof Rack Brackets, Pair





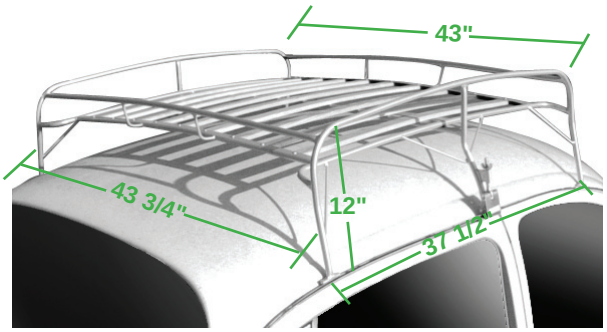
TYPE 2 ROOF RACK

This is an all steel tubular roof rack. It is powdercoated a grey color. All bends are smooth and precise. Pipes are properly notched and welded together. It is supplied as a one piece unit except for the 6 mounting arms that slide into larger diameter tubes. The 6 connect to your rail with the brackets supplied. This unit is boxed and must be shipped via truck only, NO UPS.

15-2018 NEW! Tubular Roof Rack, Type 2

TYPE 1 ROOF RACK (KNOCK DOWN)

EMPI recreated this popular VW accessory from the 50's and 60's to hold your luggage, cooler or camping gear securely while looking Old Skool Cool. Made from tubular steel and jig welded for a perfect fit, it comes finished in Silver Power Coated, and features wood slats just like the originals. Built in a 'Knock-Down' design, they can ship via standard UPS.



15-2012 Roof Rack, Silver Powder Coat, K/D, Type 1 UPS+

15-2013 NEW! Replacement Roof Rack Brackets, Pair

15-2012-2 NEW! Replacement Complete Hardware Kit Only

15-2013 NEW!

15-2012

This stainless steel roof rack is made and looks similar to our popular 15-2012 roof rack, but all tubing, mounts, slats etc. are all stainless steel.

15-2019 NEW! Stainless Steel Roof Rack, K/D, Type 1, UPS+

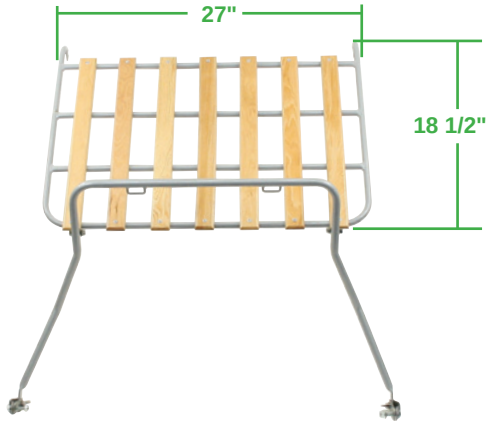
NEW!

15-2019

STAINLESS STEEL

DECK LID RACK (KNOCK DOWN)

Our remake of this popular vintage accessory features a silver powder coated frame, stainless steel hardware and quick access to the engine. The perfect companion to our roof rack. Fits sedans up to 1967.



15-2014 Deck Lid Rack, Type 1, thru 67

15-2014-2 NEW! Replacement Complete Hardware Kit Only

ROOF RACK LOCKS

Designed for use on sedan roof racks, yet can easily be used anywhere a 5/16" – 18 thread is utilized. Includes weatherproof caps to seal the locks from the elements, along with two keys. Fits EMPI roof racks 15-2008, 15-2012 and 15-2019 only

15-2005 Roof Rack Locks, Pair

RACE-TRIM RECLINING LOW BACK BUCKET SEATS

62-2961

GIVE YOUR VW THAT VINTAGE / CUSTOM LOOK

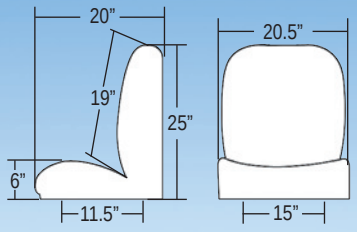
62-2960

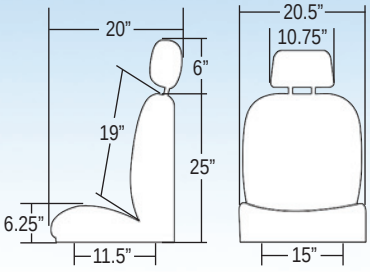
VINTAGE / CUSTOM STITCH PATTERN

62-2951

62-2950

Perfect Replacement for that Worn Out Original Seat. All New Black Vinyl Low-Back Bucket Seats. Featuring left and right side seats with reclining backs. Seat back pops forward with lever for rear entry. Your choice of with or without headrest. Seat adapters and sliders on page 391.





62-2950	Low-Back Seat Only, Left Side, Black Vinyl, Each
62-2951	Low-Back Seat Only, Right Side, Black Vinyl, Each
62-2960	Low-Back Seat w/ Headrest Only, Left Side, Black Vinyl, Each
62-2961	Low-Back Seat w/ Headrest Only, Right Side, Black Vinyl, Each
62-2865	Rear Seat Covers Only Fits Type 1 58-76

RACE-TRIM RECLINING LOW BACK SEAT ADAPTERS

Type 1 Bug and Super Beetle

Bolt-In Adapter Kits with Sliders designed for EMPI Reclining Low-Back Bucket Seats. No welding required. Kits are complete with sliders and all necessary hardware.

These kits are designed to be used only with EMPI Seats 62-2950 / 62-2951 / 62-2960 and 62-2961

62-2870 / 62-2871

62-2870 Bolt-In Seat Mount Adapter Kit w/ Sliders, Wire, & Instructions, Type 1, 56-70 Left Front, Each

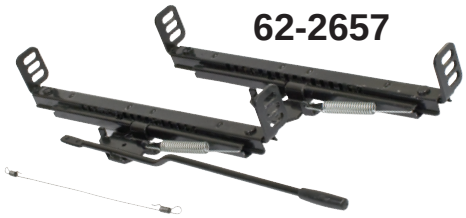
62-2871 Bolt-In Seat Mount Adapter Kit w/ Sliders, Wire, & Instructions, Type 1, 56-70 Right Front, Each

62-2872 Bolt-In Seat Mount Adapter Kit w/ Sliders, Wire, & Instructions, Type 1 & S/B 71-72, Fits Either Left or Right Front, Each

62-2874 Bolt-In Seat Mount Adapter Kit w/ Sliders, Wire, & Instructions, Type 1 & S/B 73-79, Fits Either Left or Right Front, Each

62-2872

62-2657 NEW! Seat Sliders Kit Only, w/ Hardware For 1 Seat Only, Pair



62-2657

62-2874

EMPI DOOR PANEL KITS

With EMPI's new Universal Door Panel Kit you only need to stock one part number for all 65-77 Type 1 sedans. The innovative design has knock-outs for early and late handle locations, also the clip holes are spaced to accommodate early and late spacing patterns for a perfect fit. The rear panels even have a knock-out for the ash tray. Constructed out of Masonite, (Not cardboard) and O.E. style vinyl for durable long life and that original look. Each kit includes front and rear, left and right panels. All EMPI Door Panel Kits feature map pockets on both right and left front panels.

4854/4854-9

TYPE I SEDAN

4852 4-Piece Panel Kit, 58-64, Black +
4852-9 Bulk 4-Piece Panel Kit, 58-64, Black +
(Must Buy Multiples of 5)

4854 4-Piece **Universal** Door Panel Kit, +
Type 1 & S/B 65-77, Black (Exc. Conv.)

4854-9 Bulk **Universal** Door Panel Kit, +
Type 1 & S/B 65-77, Black (Exc. Conv.)
(Must Buy Multiples of 5)

4854
4854-9

Perforated Knock-Out for Early and Late Handle Locations

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

4638

Heavy Duty Velcro Fasteners

VINYL SEAT COVERS – SLIP-ON STYLE

Made from high quality vinyl, our Slip-On Style seat covers feature the original 'Basket Weave' pattern with heavy duty Velcro Fasteners for easy installation with no special tools required. Install over your existing covers or remove and replace your old seat padding with our Foam Seat Pads. Fits sedan models. Will not fit convertibles.

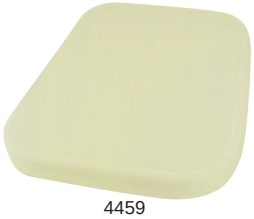
4636	Complete Set, Type 1 58-64, Black
4637	Complete Set, Type 1 65-67, Black
4638	Complete Set, Type 1 68-69, Black
4639	Complete Set, Type 1 & S/B 70-72, Black
4640	Complete Set, Type 1 & S/B 1973, Black
4641	Complete Set, Type 1 & S/B 74-76, Black

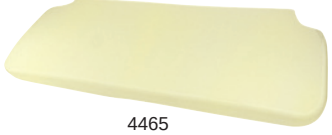
4670

MOLDED FOAM SEAT PAD KITS

Pre-formed injection-molded high density foam rubber designed to fit your seat frame and upholstery for a factory finish. A layer of burlap or sisel should be installed between the foam and your spings to protect the foam for longevity. Each kit contains one seat bottom foam and one seat back foam. For one seat only.

4670	Molded Foam Seat Pads, Type 1 58-64, 2 Piece Kit
4671	Molded Foam Seat Pads, Type 1 65-67, 2 Piece Kit
4672	Molded Foam Seat Pads, Type 1 & S/B 68-72, 2 Piece Kit
4673	Molded Foam Seat Pads, Type 1 & S/B 1973, 2 Piece Kit
4674	Molded Foam Seat Pads, Type 1 & S/B 74-Later, 2 Piece Kit


4459


4465

4467

FOAM SEAT PADS

Foam pads replace worn or missing original seat padding. Cut to fit as original, install when re-covering seats for a professional finish.

4445	Foam Front Seat Bottoms, Type 1 & S/B 56-76, Pair
4459	Foam Front Seat Bottoms, Type 1 & S/B 56-76, Each
4460	Foam Front Backrest, Type 1 65-67, Each
4461	Foam Front Backrest, Type 1 & S/B 56-64, 68-72, Each
4462	Foam Front Backrest, Type 1 & S/B 73 Only, Each
4463	Foam Front Backrest, Type 1 & S/B 74-76, Each
4465	Foam Rear Seat Base, Type 1 56-79, Each
4466	Foam Rear Seat Backrest, Type 1 56-64, Each
4467	Foam Rear Seat Backrest, Type 1 & S/B 65-79, Each

SEAT BELTS

Four different styles to choose from; 2 Point Universal Lap Belt with Push Button Latch, 2 Point Universal Lap Belt with Chrome Latch Design, 2 Point Retractable Lap Belt with Push Button Latch or our Retractable 3 Point Belt and Shoulder Harness. All of these are made from 2" automotive web material. Mounts to stock anchor locations. All of these come complete with hardware. Retractable 3 Point Belt and Shoulder Harness fits 68-79 Type 1. Available in 5 colors, Black, Red, Tan, Blue and Grey.
(Not for competition use) MADE IN USA

2 Point Lap Belt With Push Button Latch w/ Hardware
(Not for competition use)

3844	2 Point Lap Seat Belt, Universal 72", Black, Each
18-1021	2 Point Lap Seat Belt, Universal 72", Red, Each
18-1022	2 Point Lap Seat Belt, Universal 72", Tan, Each
18-1020	2 Point Lap Seat Belt, Universal 72", Blue, Each
18-1023	2 Point Lap Seat Belt, Universal 72", Grey, Each

3844
2 Point Lap Belt w/
Push Button Latch

2 Point Lap Belt With Chrome Latch Buckle w/ Hardware
(Not for competition use)

18-1024	2 Point Lap Seat Belt, Universal 72", Black, Each
18-1026	2 Point Lap Seat Belt, Universal 72", Red, Each
18-1027	2 Point Lap Seat Belt, Universal 72", Tan, Each
18-1025	2 Point Lap Seat Belt, Universal 72", Blue, Each
18-1028	2 Point Lap Seat Belt, Universal 72", Grey, Each

18-1024
2 Point Lap Belt w/
Chrome Latch Buckle

2 Point Retractable Lap Belt With Push Button Latch w/Hardware
Fits Front Seats Only, sold in pairs / sets. **(Not for competition use)**

3847	2 Point Retractable Lap Seat Belt, Black, Pair Extends out another 40 inches

3847

3 Point Rectractable Belt / Harness with Hardware
Fits 68-79 Type 1. Front Seats Only. Sold in pairs / sets.
(Not for competition use)

3851	3 Point Retractable Seat Belt/Harness, Black, Pair
18-1029	3 Point Retractable Seat Belt/Harness, Red, Pair
18-1030	3 Point Retractable Seat Belt/Harness, Tan, Pair
18-1031	3 Point Retractable Seat Belt/Harness, Blue, Pair
18-1032	3 Point Retractable Seat Belt/Harness, Grey, Pair

3851
3-Point Belt Harness

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

16-7555

16-7558

ALUMINUM DOOR PANELS

We precision cut these panels from thick aluminum sheet then put a bead roll in from the edges for strength. A perfect match for our Aluminum Dash Panels. Thickness of Aluminum is .75mm. Requires holes to be cut for door and window shafts.

16-7554 Aluminum Front Door Panels, Type 1, 56-64, Pair
16-7555 Aluminum Front Door Panels, Type 1, 65-79, Pair

16-7557 Aluminum Rear Quarter Panels, Type 1, 56-64, Pair
16-7558 Aluminum Rear Quarter Panels, Type 1, 65-77, Pair

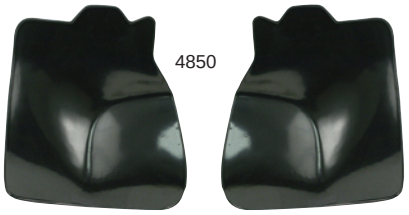
16-7551

16-7550

ALUMINUM DASH PANELS

We precision cut these panels from thick aluminum sheet then bead roll in from the edges for strength. Thickness of Aluminum is .75mm. A perfect match for our Aluminum Door Panels. Both Dash Panels measure 5.5" x 40".

16-7550 Aluminum Dash Panel, Type 1, 58-64
16-7551 Alum. Dash Panel, Type 1, 65-on (Exc. Super Beetle)



4850

BUG SPEAKER KICK PANELS

Black plastic front quarter kick panels are molded for speaker installation. Easy to trim and install. Fits all Bug models (Exc. Convertibles and S/B).

4850 Front Speaker Kick Panels, Pair

98-8973-B

KICK PANEL SET

Rear kick panels for sedans 60-74. Black vinyl covered panels fit underneath the frame of the rear seat and seals the passenger compartment from the battery area and opposite side. Cutouts for heater are included.

98-8973-B Kick Panel Set, Left & Right, Black, Pair
(Ref. P/N: 113 898 376A)

98-8619

DOOR POCKETS

These door pockets are made of black plastic with trim.
They fit Type 2 1968-1979. Sold in pairs.

98-8619 NEW! Door Pockets, Type 2, Pair
(Bulk P/N: 98-8619-B, Pair)

TYPE 2

DOOR PANEL CLIPS & BOOTS

Replace broken or missing clips and boots for a secure professional installation. For use with stock or custom style door panel kits.

4846 Door Panel Clips, 50 pcs.
4846-B Bulk Door Panel Clips, Bag of 100 pcs.
(Ref. P/N: N14 389 1)
4847 Door Panel Clip Boots, 50 pcs.
4847-B Bulk Door Panel Clip Boots, Bag of 100 pcs.
(Ref. P/N: 113 857 219A)

STOCK STYLE ARM RESTS

Quality molded urethane arm rests feature original style and pattern. Fits Type 1. P/N 4443 and P/N 4444 will fit EMPI P/N 4854 door panels. The bracket P/N 4446 fits all three of these armrests.

4442 Armrest, Type 1 58-67, Black, Pair, Boxed

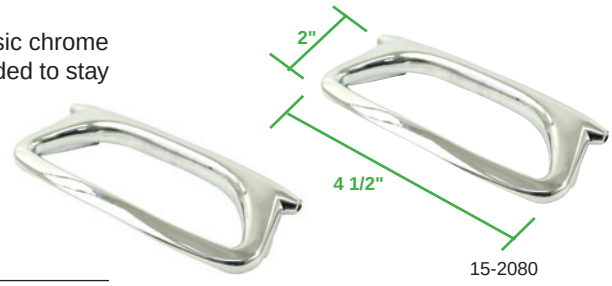
4443 Armrest, Type 1 & S/B 68-72, Black, Pair, Boxed

4444 Armrest, Type 1 & S/B 73-79, Black, Pair, Boxed

4446 NEW! Brackets for Armrest, Pair

EMPI UNIVERSAL DOOR PULLER

EMPI has brought back its original style chrome door pulls. These classic chrome pull handles provide a sturdy way to close your door and are spring loaded to stay snug against the door when not in use.



15-2080 EMPI Universal Door Puller, Pair

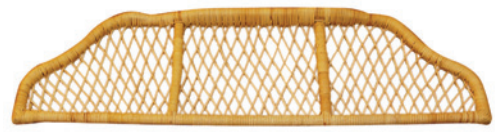
STOCK REPLACEMENT GRAB HANDLE

Replace your worn and faded grab handle, black in color.

98-1061 Grab Handle, 61-67, Each
(Bulk P/N: 151 898 641C)

BAMBOO PACKAGE TRAY

One of the best accessories ever made, this tray fits under the dashboard of a Type 1 sedan providing a handy shelf to keep all your "stuff" within easy reach. EMPI's version is true bamboo and wicker, a design that's been popular since the fifties. Fits all Type 1 sedans except Super Beetle. (Includes all necessary mounting hardware)



4870 Bamboo Style Tray, Type 1 Sedan (Exc. S/B)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

DOOR GRAB HANDLE - TYPE 2

This grab handle is the door pull on Type 2 1968 to 1979.
Supplied in Black, sold each.

98-8420 NEW! Grab Handle, Door, Type 2 1968 to 1979
(Bulk P/N: 211 867 161B)

DASH GRAB HANDLE - TYPE 2

This Black Dash Grab Handle fits Type 2 1968-1979.

98-8695 NEW! Dash Grab Handle, Type 2 68-79
(Bulk P/N: 211 857 643B)

CHROME PLATED DASH GRAB HANDLE - TYPE 2

18-1109 NEW! Chrome Plated Dash Grab Handle, Type 2, 1967 & Earlier

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FUEL DOOR RELEASE

98-8214 NEW! Finger Pull, Fuel Door Release, Each
Type 1 69-72 to Chassis # 111-242-8098, Ghia 69-74
(Bulk P/N: 111 823 461)

98-8215 NEW! Finger Pull, Fuel Door Release, Each
Type 1 71-72 From Chassis # 111-242-8099,
Super Beetle 71-79
(Bulk P/N: 111 823 461A)

AIR VENT

98-8136 NEW! Air Vent, Fits both Left and Right Sides,
Type 1 Standard 71-77, Each
(Bulk P/N: 113 819 635A)

AIR VENT DIFFUSER

Black plastic air and heater vent diffuser. For both dashboard and behind rear seats. 2 5/8" O.D. Fits Type 2 68 & later, left and right side.

98-8620 NEW! Air/Heater Vent Diffuser, Type 2, Each
(Bulk P/N: 211 259 471)

DASH KNOB, IVORY

Ivory Knob for Dash Switches. Fits headlight switch and choke cable for Oct. '52-57 Type 1. Fits headlight switch, ashtray and choke cable for 58-61 Type 1. Fits headlight and ashtray for 62-66 Type 1. Fits headlight switch, choke cable and fuel reserve cable for March '55-Mid '60 Type 2. Fits headlight switch and fuel reserve cable on Mid '60-1966 Type 2. Knob has a 4mm thread.

98-8707 NEW! Dash Knob, Ivory, Type 1 to 1966, Each
(Bulk P/N: 113 941 541IV)

WIPER SWITCH KNOB

Grey Wiper Switch Knob includes center button. Fits Type 1 62-66.

98-8719 NEW! Wiper Switch Knob, Grey, Type 1 62-66, Each
(Bulk P/N: 113 955 541BGY)

DASH SWITCH THREADED 10MM NUT

This 10mm threaded nut secures wiper/headlight and emergency flasher switch. Fits Type 1 58-67 and Ghia 58-67.

98-8705 NEW! Dash Switch Threaded 10mm Nut, Each
(Bulk P/N: 111 941 515)

DASH SWITCH THREADED 14MM NUT

This 14mm threaded nut secures the dash switch. Fits Type 1 68-77, Type 1 Conv. 68-72, S/B and S/B Conv. 71-72, Ghia and Ghia Conv. 68-74, Type 3 68-73, Type 2 68-79 and Thing 73-74.

98-8706 NEW! Dash Switch Threaded 14mm Nut, Each
(Bulk P/N: 111 941 515D)

WIPER SWITCH KNOB, BLACK

Black Wiper Switch Knob, includes plunger. Fits Type 1 68 & later, Ghia 68 & later, Type 3 68-71 and Type 2 68-72.

98-8720 NEW! Wiper Switch Knob, Black, Type 1 68 & later, Each
(Bulk P/N: 111 955 549)

DASH KNOB, BLACK

Black Dash Knob for headlights or wiper switch. Fits Type 1 68-72, Ghia 68-72, Type 3 68-72 and Type 2 68-72. Knob is supplied w/o insert.

98-8708 NEW! Dash Knob, Black, Type 1 1968-1972, Each
(Bulk P/N: 111 941 541F)

DASH KNOB, INSERT

98-9435 NEW! Headlight Switch Insert, Each
Type 1 68-77, S/B 71-72
(Bulk P/N: 111 941 543G)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

98-8411-B

SAFETY BELT HOOK

98-8411-B Hook, Safety Belt, Black Plastic, Each
Type 1 68-72, Type 2 68-79, Type 3 67-73
(Ref. P/N: 113 857 723A)

98-8972

SEAT RAIL GUIDE KIT

98-8972 NEW! Guide Piece Kit (6 pcs. Set), Seat Rails,
Type 1 73-79
(Bulk P/N: 111 898 213)

98-8976

98-8977

SEAT CLAMP KITS - TYPE 2

98-8976 Seat Clamp Kit, Middle Seat to Floor, Type 2 52-72
(Bulk P/N: 211 898 825)

98-8977 Seat Clamp Kit, Rear Seat to Floor, Type 2 52-72
(Bulk P/N: 211 898 825A)

98-8975

SEAT BACK REST KNOB

98-8975 NEW! Seat Back Release Knob (Set for 1 Seat), Kit
Type 1 68-79, Ghia 68-74, Type 3 68-73
(Bulk P/N: 371 898 607)

98-8699

TRIM FOR SEAT BACK REST KNOB

Black Plastic Surround Trim for Seat Back Rest Knob. Fits Type 1 1968-1972, Ghia 1968-1972 and Type 2 1968-1970.

98-8699 NEW! Trim for Seat Back Rest Knob, Each
(Bulk P/N: 113 881 607)

98-8700
Rear
Front

SEAT RELEASE KNOB

Black Plastic Seat Release Knob. Fits Type 1 68-72, Super Beetle 71-72, Ghia 68-72 and Type 3 68-72.

98-8700 NEW! Seat Release Knob, Each
(Bulk P/N: 113 881 663C)

REAR HATCH HINGE COVERS

These are made of White plastic. Fits Left and Right Side of Type 2 68-79.

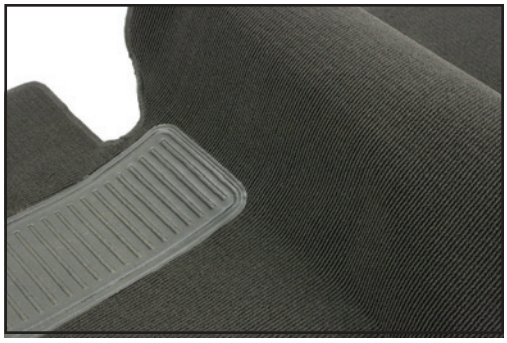
98-8696 NEW! Rear Hatch Hinge Cover, Right & Left, Pair
Type 2 68-79
(Bulk P/N: 211 867 530A) Right Side, Each
(Bulk P/N: 211 867 529A) Left Side, Each

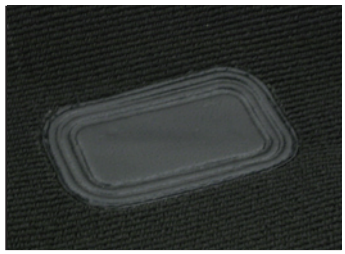
EMPI DELUXE CARPET KITS

Our quality Deluxe Carpet Kits feature…

Loop Carpet for comfort and noise reduction...
Hi-count weave for superior wear and stain resistance...
Superior backing for a easy installation and smooth, lump-free finish...
Heavy duty heel pad - stitched in for extended wear...
Pre-cut, bound and sewn for easy installation. Late model patterns are available for applications with and without the factory steel passenger footrest... check your VW before ordering.

Now that the floor, cowl and heater channel areas look great with the new carpet...Complete the 'clean' look with our Trunk and Rear Well Carpet Kits (see page 401)





Heater Grommets....
Molded in our most popular kits - 3081, 3073 & 3980

TYPE I SEDAN CARPET KITS

3073 58-68 Sedan 7-Piece w/Footrest, w/Heater Grommets, Black
3081 58-68 Sedan 7-Piece w/o Footrest, w/Heater Grommets, Black
3910 69-72 Sedan 7-Piece w/Footrest, Black
3911 69-72 Sedan 7-Piece w/o Footrest, Black
3912 73-77 Sedan, 9-Piece w/Footrest, Black
3913 73-77 Sedan, 9-Piece w/o Footrest, Black

3081

3073

3912

3911

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

3917

EMPI DELUXE CARPET KITS

TYPE I SUPER BEETLE CARPET KITS

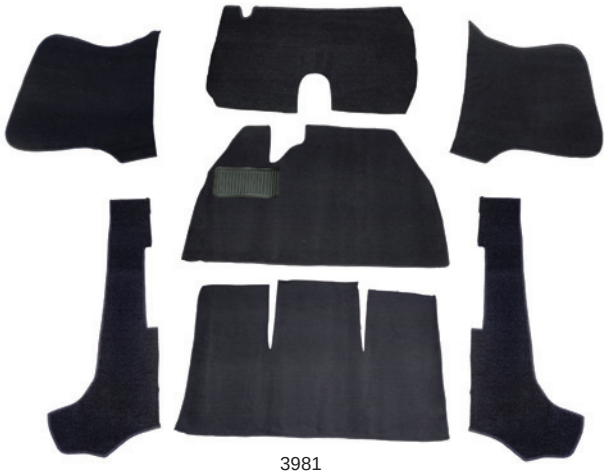
3917 71-72 Super Beetle, 7-Piece w/Footrest, Black
3918 71-72 Super Beetle, 7-Piece w/o Footrest, Black
3919 73-77 Super Beetle, 9-Piece w/Footrest, Black

TYPE I CONVERTIBLE CARPET KITS

3980 58-70 Type 1 Convertible, 7-Piece w/Footrest, w/Heater Grommets, Black
3981 58-70 Type 1 Convertible, 7-Piece w/o Footrest, Black
3982 71-72 Super Beetle Convertible, 9-Piece w/Footrest, Black
3984 73-79 Super Beetle Convertible, 11-Piece w/Footrest, Black

3919

3918



3981

3982

REAR WELL & CARGO AREA CARPET KITS

Matching carpet to cover the rear wheel well and cargo area behind the rear seat - or, with the Baja Bug Kit - carpet the rear area having taken the seat out.

3914 58-64 Type 1 Sedan Rear Well Carpet Kit, 3-Piece, Black
3915 65-72 Type 1 & Super Beetle Sedan Rear Well Carpet Kit, 5-Piece, Black
3916 73-77 Type 1 & Super Beetle Sedan Rear Well Carpet Kit, 5-Piece, Black
3997 56-72 Type 1 & Super Beetle Conv. Rear Well Carpet Kit, 3-Piece, Black
3998 73-79 Super Beetle Conv. Rear Well Carpet Kit, 4-Piece, Black

3075 54-77 Baja Bug Sedan Rear Well Carpet Kit, 4-Piece, Black
Covers back seat and cargo area including wheel wells when rear seat has been removed.

3915

3997

3998

3916

3914

3075
(Rear Well Area without Seat)

TRUNK CARPET KITS

Matching carpet to cover the luggage compartment and spare tire area under the front hood. Does not include tire cover.

4283 54-59 ½ Type 1 Sedan & Conv. Trunk Carpet, 1-Piece, Black
4284 60-67 Type 1 Sedan & Conv. Trunk Carpet, 1-Piece, Black
4285 68-78 Type 1 Sedan & 68-70 Conv. Trunk Carpet, 1-Piece, Black
4286 71-72 Super Beetle Sedan & Conv. Trunk Carpet, 2-Piece, Black
4287 73-79 Super Beetle Sedan & Conv. Trunk Carpet, 2-Piece, Black

4285

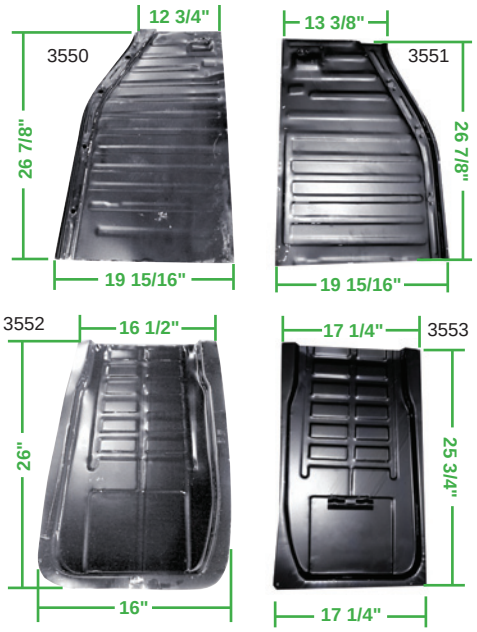
4283

4287

4284

4286

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.



METAL REPLACEMENT FLOOR PANELS

Don't install your new carpet kit over dangerous, old rusted-out floors! Metal replacement floor panels make it fast and easy to make repairs. Requires cutting, fitting and welding. Fits Type 1 all years, not Super Beetle.
(All panels are without seat rails)

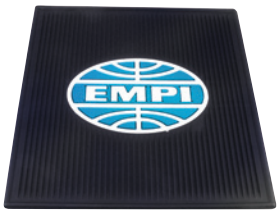
3550 Front Floor Panel, w/o Seat Rails, Left, Ea
(Ref. P/N: 111 701 059Q)
3551 Front Floor Panel, w/o Seat Rails, Right, Ea
(Ref. P/N: 111 701 060Q)
3552 Rear Floor Panel, Left, Ea
(Ref. P/N: 112 701 063Q)
3553 Rear Floor Panel, w/Battery Bracket, Right, Ea
(Ref. P/N: 112 701 064Q)

3554

FLOOR PAN INSTALLATION KIT

All of the Bolts and Pan Washers needed to replace one pan half.
Requires 2 kits per car.

3554 Bolts and Pan Washers for one pan half, Set.
(Bulk P/N: 111 898 061)



15-2000

15-1099

EMPI FLOOR MATS

Another EMPI Original! Durable floor mats featuring the EMPI Logo in blue & white. Fits all Type 1.

15-1099 EMPI Floor Mats w/Blue & White Logo, Front,Pair
15-2000 EMPI Floor Mats w/Blue & White Logo, Rear, Pair
(Makes a Great Sales Counter Mat!)

15-1098

15-1097

LADY BUG FLOOR MATS

A real "Blast From the Past"! Durable floor mats with Colorful Lady Bug Logo. Fits all Type 1.

15-1097 Lady Bug Floor Mats, Colored, Front, Pair
15-1098 Lady Bug Floor Mats, Colored, Rear, Pair

FLOOR TAR-BOARDS

Stock replacement Tar Boards for insulation. 4.5mm thick.
Fits all years, Type 1.

98-2012 Tar Boards, Set of 4 (Boxed)
(Bulk P/N: 113 898 740, 4 Pieces)

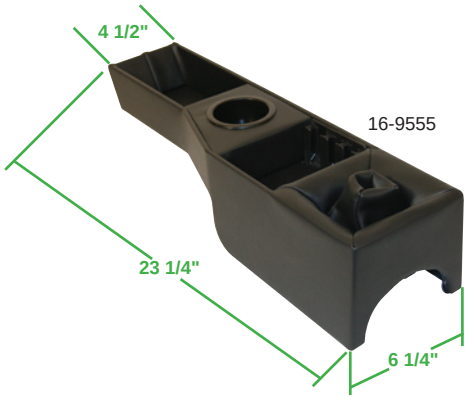
REAR SPEAKER SHELF

This popular accessory mounts behind the rear seat. It has cut-outs for speakers and is covered in heavy duty black vinyl on a wood sub-structure. Also provides concealed storage to keep valuable possessions out of eyesight. Fits all Type 1 models (Exc. Convertibles).

4851 Rear Shelf +

CENTER CONSOLE

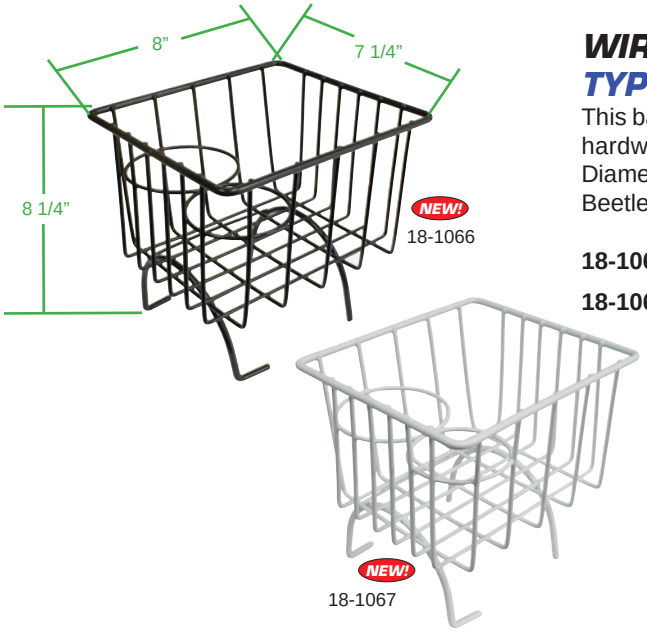
16-9555 Type 1 68-79 Sedan / Convertible
Sturdy black vinyl covered wood. Shift boot and cupholder combined with two convenient storage compartments add up to functional great looks.



CENTER CONSOLE

EMPI Center Console features cup holders and compartments for spare change and storage. Black ABS Plastic, installs easily over your shifter and fits snug on the center tunnel. Fits 49-79 Type 1, 56-74 Ghia, All years Type 3 & Thing. May require notching for Heater Control Knob on 64 & prior applications.

16-9550 NEW! Center Console, 49-79 Type 1, 56-74 Ghia, All year Type 3 & Thing

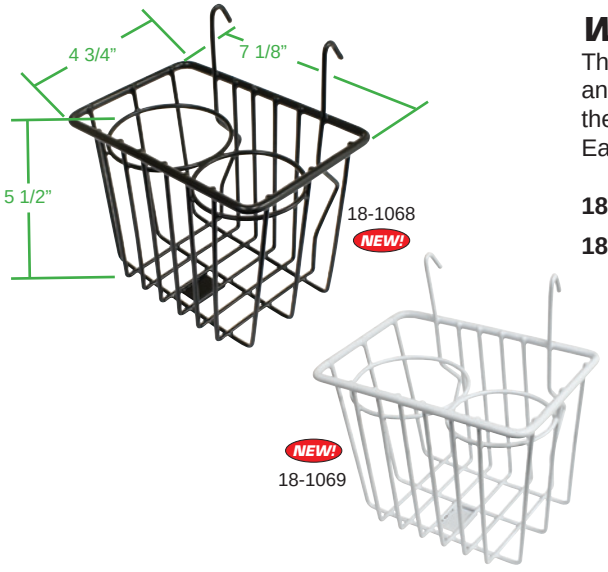


WIRE FRAME HUMP BASKET / CUP HOLDER TYPE 1

This basket slides on and off of the center hump and requires no installation hardware. Features one large (3 1/2” Diameter) and one small (2 3/4” Diameter) cup holder. Available in Black or Ivory color. Fits all Type 1, Super Beetle, Ghia, Type 3 and Thing. Each unit is individually boxed.

18-1066 NEW! Wire Hump Basket, Black, Type 1

18-1067 NEW! Wire Hump Basket, Ivory, Type 1

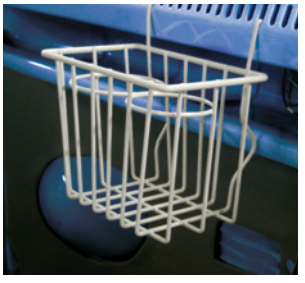


WIRE FRAME BASKET / CUP HOLDER - TYPE 2

This wire frame holder fits Type 2 55-67. It features one large (3 1/2” Diameter) and one small (2 3/4” Diameter) cup holder. This unit hangs from the grill on the dash and is easily removable when not in use.
Each unit is individually boxed.

18-1068 NEW! Wire Basket, Black, Type 2 55-67

18-1069 NEW! Wire Basket, Ivory, Type 2 55-67



TYPE 2

NEW!

POLISHED ALUMINUM CUP HOLDER - TYPE 2

This one piece polished Aluminum Cup Holder slips into the slot in the dash on Type 2’s 55-67. The area for your cup is 3 7/8” (width) x 3 1/4” (depth).

18-1110 NEW! Polished Aluminum Cup Holder, Type 2 55-67

TYPE 2

REPLACEMENT DASHES

Manufactured from molded urethane to look just like original but is even more durable. Not just a dash overlay, a must for the restoration of your VW.

4435

4435 Replacement Dash, Type 1, 68-70
(Ref. P/N: 113 857 051A)

4436 Replacement Dash, Type 1, 71-76, 71-72 S/B
(Ref. P/N: 113 857 051DS)

4436

4441

4441 Replacement Dash, Type 3, 64-73

4437

4438

4437 Replacement Dash, Ghia, 58-67

4438 Replacement Dash, Ghia, 68-69

4439

4439 Replacement Dash, Ghia, 1970

4440 Replacement Dash, Ghia, 71-74

4440

GHIA REPLACEMENT KNEE PADS

Replacement Ghia under dash knee pads.

4676

4676 Replacement Knee Pads, Ghia, 68-71

4677 Replacement Knee Pads, Ghia, 72-74

4677

DASH COVER

Black plastic dash cover installs over the top of your old cracked dash pad. Installs in minutes and can be painted if desired. Fits Super Beetle & Convertible.

4447

4447 Dash Cover, S/B & Convertible, 73-79 +

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

3580-B

GLOVE BOXES

Replace your stock cardboard glove box with this durable black plastic glove box.

3580-B Glove Box, Type 1 52-57
(Ref. P/N: 111 857 101D)

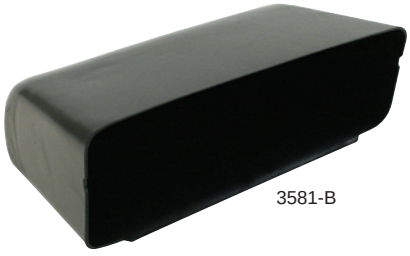
3581-B Glove Box, Type 1 58-64
(Ref. P/N: 111 857 101F)

3582-B Glove Box, Type 1 65-67
(Ref. P/N: 111 857 101H)

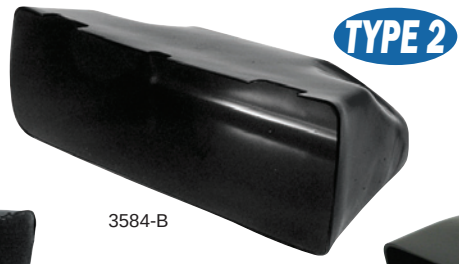
3583-B Glove Box, Type 1 68-77, S/B 71-72
(Ref. P/N: 111 857 101K)

3584-B Glove Box, Type 2 68-77
(Ref. P/N: 211 857 101A)

3564-B Glove Box, Karmann Ghia, All
(Ref. P/N: 141 857 101C)

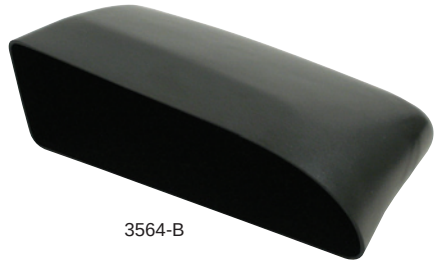

3581-B

3582-B



3584-B

3583-B


3564-B

RUBBER BUMPER

Rubber stop for glove compartment lid or fuel filler door. For Type 1 52-77, Ghia 56-74, Type 2 68-79 and Type 3 64-73.

98-0120 Rubber Bumper (2 pcs. Skinpacked)
98-0120-8 Bulk Rubber Bumper (100 pcs.)
98-0120-B Bulk Rubber Bumpers (Each)
(Ref. P/N: N020 029 1)

98-0120-B

GLOVE BOX DOOR FRAME

Fits Type 1 68-77 and Super Beetle 71-72.

98-8693 NEW! Glove Box Door Frame
(Bulk P/N: 113 857 111)

98-8693 NEW!

GLOVE BOX LOCKS

Protects your belongings in the glove box!

98-1054 Glove Box Lock, Type 1 68-77, S/B 71-72
(Bulk P/N: 133 857 131)

98-1054

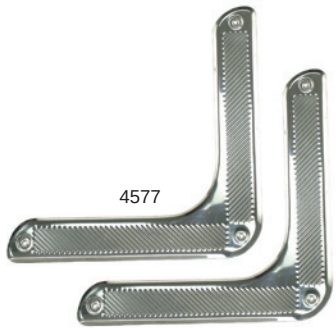
HEADLINER KITS

Features original stock style vinyl and comes complete with door post covers. Sunroof material is available if needed. Fits Type 1 & S/B Sedans.

4391	Headliner Kit, 58-67, Ivory
4394	Headliner Kit, 58-67, Black
4392	Headliner Kit, 68-77, Ivory
4395	Headliner Kit, 68-77, Black
4396	Sunroof Material, 36" x 57", Bulk, Ivory
4397	Sunroof Material, 36" x 57", Bulk, Black

DOOR TRIM COVERS

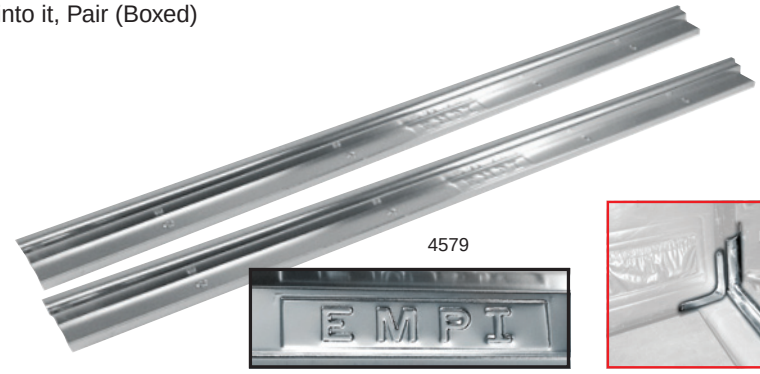
Highly polished trim adds beauty and protection to door pillar, sill and corner. Fits all Type 1 Sedans, thru 79.



4577

4577	Door Corner Trim Set, Stainless Steel, Pair
4578	Door Pillar Trim Set, Stainless Steel, Pair
4579	Door Sill Cover Set, Aluminum, w/EMPI Pressed into it, Pair (Boxed)

4578

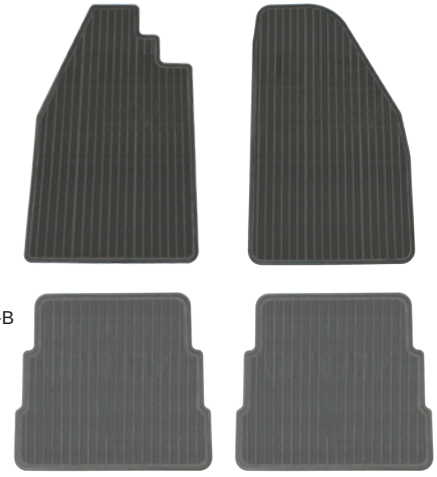


4579

RUBBER FLOOR MATS

Keep your carpet and interior nice and clean from spills and debris with these universal fit classic floor mats. They are made of durable rubber and feature anti-skid nibbed backing. Fits perfectly on top of your carpet or floor board.
Fits Type 1 56-79, 4 Piece Set.

98-8801-B NEW! Rubber Floor Mats, Black, Type 1 56-79, 4 Piece Set



NEW!
98-8801-B

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

4425 / 4426

Pull out slightly on chrome rod to lengthen approx 1/2"

4423 / 4424

SUN VISORS & CLIPS

Replace your worn or faded sun visors with these quality stock-style visors. Sold in pairs. Our visors do not fit Super Beetle.

TYPE 1 & CONVERTIBLE

4425 Sun Visors, 58-64, Ivory, Pair
4426 Sun Visors, 58-64, Black, Pair

4423 Sun Visors, 65-77 Type 1, 73-79 Conv., Ivory, Pair
4424 Sun Visors, 65-77 Type 1, 73-79 Conv., Black, Pair

4400 Sun Visors, 65-72 Conv., Ivory, Pair
4401 Sun Visors, 65-72 Conv., Black, Pair

4400 / 4401

TYPE 2

4421 Sun Visors, 68-79, Ivory, Pair

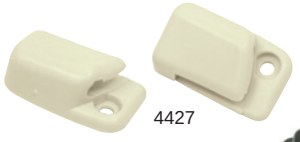
4421

VISOR CLIPS

4430

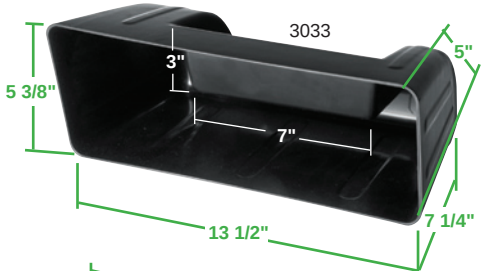
4429

4429 Sun Visor Clips, Type 1, 65-67, Type 2, 68-79, Ivory, Pair
(Bulk P/N: 111 857 561W, Pair)
4430 Sun Visor Clips, Type 1, 65-67, Type 2, 68-79, Black, Pair
(Bulk P/N: 111 857 561B, Pair)
4427 Sun Visor Clips, Type 1, 68-79, Ivory, Pair
(Bulk P/N: 133 857 561W, Pair)
4428 Sun Visor Clips, Type 1, 68-79, Black, Pair
(Bulk P/N: 133 857 561B, Pair)



4427

4428



HIDDEN STEREO GLOVE BOX

A glove box made with a built in area to mount your stereo. Perfect for applications where security is an issue or when modifications to the stock dash are not desired. Made of durable black plastic.

3033 Hidden Stereo Glove Box, Type 1, 58-64

UNDER DASH STEREO / GAUGE PANEL

Molded accessory panel mounts to the underside of the Type 1 dashboard ashtray area providing extra room to mount your stereo, gauges, switches or anything else you want to mount and don't want to modify the stock dash to do it. Made of durable black plastic.

3034 Under Dash Stereo / Gauge Panel

INSIDE REAR VIEW MIRRORS

Quality OEM-Style replacement rear view mirrors for VW Sedans. Polished chrome finish. For Type 1 and Type 2.

98-8577 Rear View Mirror, Type 1 Sedan, thru 57
(Bulk P/N: 113 857 511) Chrome Plated Metal

98-8580 Rear View Mirror, O.E. Style
Type 1 Sedan, 58-64, Chrome Plated Metal
(Bulk P/N: 113 857 511A)

98-8578 Rear View Mirror, O.E. Style
Type 1 Sedan, 65-67, Chrome Plated Metal
(Bulk P/N: 111 857 511B)

98-8579 NEW! Rear View Mirror, Day/Night, Type 1 Sedan, 68-77,
Metal Coated with Black Plastic
(Bulk P/N: 113 857 511L)

98-8694 NEW! Rear View Mirror, Day/Night, Type 2, 69-79,
Metal Coated with Black and White Plastic
(Bulk P/N: 211 857 501J)

STOCK REPLACEMENT VENT WING LOCKS

Replace old or broken vent wing locks. Fits Type 1 & S/B.

98-1043 Vent Wing Lock, Left, Type 1 52-64 & Convertible 52-67
(Bulk P/N: 113 837 639A)

98-1044 Vent Wing Lock, Right, Type 1 52-64 & Convertible 52-67
(Bulk P/N: 113 837 640A)

98-8688 NEW! Vent Wing Lock, Left, Type 1 65-67, Type 3 62-67
(Bulk P/N: 111 837 639B)

98-8689 NEW! Vent Wing Lock, Right, Type 1 65-67, Type 3 62-67
(Bulk P/N: 111 837 640B)

98-1045 Vent Wing Lock, Left, Type 1 68-77 (Sedan Only)
(Bulk P/N: 111 837 657A)

98-1046 Vent Wing Lock, Right, Type 1 68-77 (Sedan Only)
(Bulk P/N: 111 837 658A)

UNIVERSAL VENT LOCKS

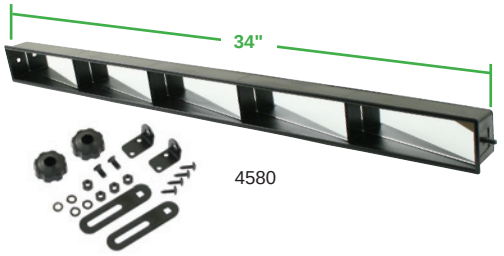
Simple to install, these Vent Locks fit most any car with a vent window. Chrome plated with black knobs.

9701 Universal Vent Locks, Pair

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

5-PANEL REAR VIEW MIRROR

Replaces rear view mirror and provides excellent visibility. Helps eliminate those "Blind Spots". Frame made of durable black plastic. Includes metal mounting hardware and comes in a display box with a hang tab.



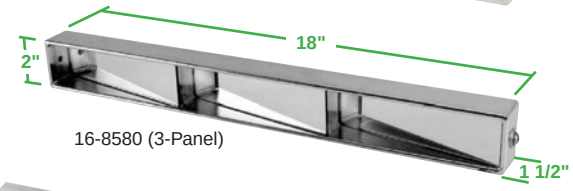
4580

4580	5-Panel Mirror, Complete with Hardware
4580-7	Replacement Hardware Kit Only for 4580

BILLET PANEL STYLE REAR VIEW MIRROR

EMPI's Polished Billet Aluminum Multi Panel Mirrors give you a panoramic view of the world behind you. Pick the mirror size that's right for you. Then choose the Mounting Bracket that works best for your application.

Rear



16-8580 (3-Panel)

16-8582 (5-Panel)

16-8580	Aluminum 3-Panel R/V Mirror, 18" Wide
16-8581	Aluminum 4-Panel R/V Mirror, 24" Wide
16-8582	Aluminum 5-Panel R/V Mirror, 30" Wide

16-8585

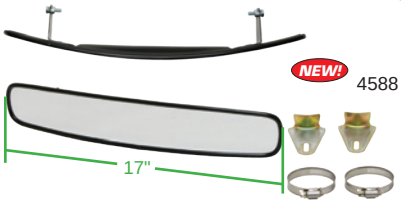
16-8587

16-8586

16-8585	Aluminum Mirror Mount, 1 1/2" Radius, Pair
16-8587	Aluminum Mirror Mount, Flat, Pair
16-8586	Aluminum Mirror Mount, Clamp on for 1 1/2" Tubing, Pair

CONVEX REAR VIEW MIRROR

Two lengths are available. Both mirrors are individually boxed and supplied with brackets and clamps.



4588

4587

4587	NEW!	Convex Mirror, 13 5/8"
4588	NEW!	Convex Mirror, 17"

BILLET ALUMINUM "VINTAGE LOOK" INTERIOR ITEMS

Give your ride that "resto-custom" look with these great looking 6061-T6 billet aluminum handles, knobs, buffer rings, etc. Made to look like an original vintage item but milled from solid billet aluminum. The door/window winder buffer rings and the door pull knobs are polished while the rest of the knobs are a machined finish that gives you just the right contrast and looks. Most items are sold in per car quantity's, see below.

11-4531 Billet Knob Window Cranks, Type 1, thru 66, Pair (Chrome Metal Arm w/Billet Knobs)

11-4532 Billet Buffer Rings, Type 1, thru 66, Set of 4

11-4533 Billet E-Brake Button, All Years

11-4535 Billet Dash Knob, 5mm, Each

11-4536 Billet Radio Knobs, Push-on, Pair

11-4537 Billet Heater Knob, Type1, thru 64

11-4538 Billet Hood Pull Knob, Type 1, thru 68, Each

11-4539 Billet Shift Knob, 7/10/12mm Threads, Each

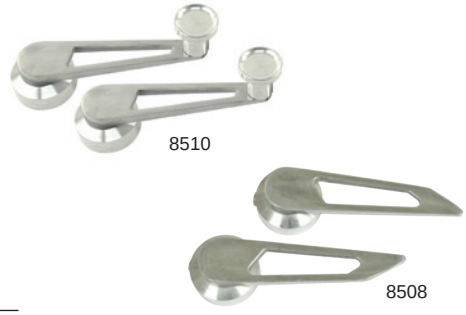
11-4540 Billet Door Pulls, O.E. Style, Pair

11-4541 Billet Seat Slider Knob, Pair

BILLET STYLE DOOR HANDLE & WINDOW HANDLE

Dress your VW in the machined aluminum look with these Billet style accessories.

8508 Billet Style Door Handles, Type 1 & 3, thru 66, Pair
8510 Billet Style Window Cranks, All Models, All Years, Pair



BILLET STYLE DOOR LOCK PULLS

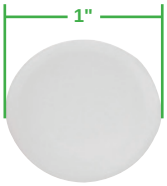
Machined aluminum style door lock pulls threaded to replace stock originals.

8506 Billet Style Door Lock Pulls, 67-79, Pair

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

98-2035

98-2036



98-2042

98-2043

NEW! 98-8682

98-2091

98-2092

98-2094

98-2093

98-2096

98-2095

98-2098

98-2097

98-2100

98-2099

COAT HOOKS, ASSIST STRAPS, LOCK KNOBS, SEALS

Replace old or missing coat hooks, door lock knobs, grab handles, seals, plugs and other small but important parts that make a detailed finish in your VW Type 1 interior.

98-2035 Door Switch Seals, Black, Pair
(Bulk P/N: 113 947 565A, Each)

98-2036 Door Check Rod Seals, Black, Pair
(Bulk P/N: 111 837 267A, Each)

98-2042 Door Hinge Screw Plugs, Clear Plastic, Set of 4
(Bulk P/N: 111 831 449A, Each)

98-2043 Door Hinge Oil Hole Plugs, Black, Set of 4
(Bulk P/N: 311 831 439A, Each)

98-2091 Door Lock Knobs, Black, All Air Cooled, Pair
(Bulk P/N: 111 837 187B, Each)
98-2092 Door Lock Knobs, Black, H2O Cars, Pair
(Bulk P/N: 191 837 187, Each)

98-8682 NEW! Collar for Door Lock Knob / Pull, Black, Pair
Type 1 67-79, Ghia 67-70, Type 3 67 on, and Type 2 74-79
(Bulk P/N: 111 837 355, Each)

98-2093 Assist Straps, Type 1 58-67, Black, Pair
(Bulk P/N:113 857 611B, Each)
98-2094 Assist Straps, Type 1 58-67, White, Pair
(Bulk P/N: 113 857 611BW, Each)

98-2095 Assist Straps, Type 1 68-77, Black, Pair
(Bulk P/N: 113 857 611E, Each)
98-2096 Assist Straps, Type 1 68-77, White, Pair
(Bulk P/N: 113 857 611EW, Each)

98-2097 Coat Hooks, Type 1 61-67, Black, Pair
(Bulk P/N: 113 857 637A, Each)
98-2098 Coat Hooks, Type 1 61-67, White, Pair
(Bulk P/N: 113 857 637AW, Each)

98-2099 Coat Hooks, Type 1 68-77, Black, Pair
(Bulk P/N: 113 857 637B, Each)
98-2100 Coat Hooks, Type 1 68-77, White, Pair
(Bulk P/N: 113 857 637BW, Each)

11-4510-B

DOOR LOCK PULLS

Chrome Shaft with black tip. A perfect match to our custom door and window handles.

11-4510-B Door Lock Pulls, Black, 67-79, Pair

EMPI LOGO GEAR SHIFT KNOBS

EMPI gear shift knobs are covered in quality vinyl and available in black or brown. Triple Threaded knobs (7, 10 and 12mm) fit all VW models. All of these feature Epoxy Style EMPI Logo.

4540 EMPI Shift Knob, Black Vinyl
4542 EMPI Shift Knob, Brown Vinyl

4540

SHIFT PATTERN GEAR SHIFT KNOBS

Just like our EMPI logo shift knobs, these knobs feature an epoxy shift pattern and are triple threaded (7,10 & 12mm) to fit all VW models, 4 Speed with reverse lower left.

79-4640 Shift Knob, Black Vinyl
79-4642 Shift Knob, Brown Vinyl

79-4640

BILLET ALUMINUM SHIFT KNOBS

Get a grip! Give your stock shifter a high tech look with a Billet Aluminum Shift Knob. Features a stepped triple thread system to fit all 7, 10 and 12mm shift levers.

79-5051 Billet Aluminum Round Style Shift Knob
7, 10 and 12mm threads.

79-5052 Billet Aluminum Shift Knob, 3/8-24 threads, Round
(for P/N: 4449, 4450, 4451 Trigger Shifters)

79-5051/79-5052

GEAR SHIFT KNOB (10MM)

Fits Type 1 49-60, Ghia 56-60 and Type 2 55-67. Color of knob is Ivory and it has a 10mm thread size.

98-8663 NEW! Gear Shift Knob, Ivory, 10mm
(Bulk P/N: 113 711 141IV)

NEW! 98-8663

GEAR SHIFT KNOB (7MM)

Fits Type 1 and Ghia 61-67. Color of knob is Ivory and it has a 7mm thread size.

98-8662 NEW! Gear Shift Knob, Ivory, 7mm
(Bulk P/N: 113 711 141AIV)

NEW! 98-8662

BILLET ALUMINUM E-BRAKE COVER

The finishing touch to any custom or stock interior. Installs over stock E-brake handle and is held in place with set screws. Fits all VW models including Water Cooled.

11-4542 Billet Style E-Brake Cover

11-4542

CHROME PLATED EMERGENCY BRAKE HANDLE TYPE 2

18-1108 NEW! Chrome Plated Emergency Brake Handle, Type 2 68-79

18-1108 NEW!

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

11-4519-B

11-4520-B

DOOR HANDLES & WINDOW HANDLES

Custom handles add to that custom interior look. Chrome with hard Black plastic knobs.

11-4519-B Door Handles, thru 66, Pair
11-4520-B Window Cranks, thru 67, Pair
11-4521-B Window Cranks, 68 & Later, Pair

11-4521-B

98-1039

98-1041

98-1042

98-1070

98-1069

98-2040

98-8364-B

98-2041

STOCK STYLE DOOR & WINDOW HANDLES & BUFFERS

Replacement handles for early and late Type 1 VW's.

98-1039 Door Handle, Chrome, 56-66, Each
(Bulk P/N: 113 837 225A, Each)

98-1041 Window Crank, Metal Backed, Black, 75-79, Each
(Bulk P/N: 321 837 581, Each)

98-1042 Window Crank, Metal Backed, H.D., Black, 68-74, Each
(Bulk P/N: 111 837 581J, Each)

98-1069 Window Crank, 56-67, Ivory Knob, Each
(Bulk P/N: 113 837 581E, Each)

98-1070 Window Crank, 56-67, Black Knob, Each
(Bulk P/N: 113 837 581EB, Each)

98-2040 Window Handle Escutcheon (Buffer), 56-67, Black, Pair
(Bulk P/N: 113 837 235A, Each)
98-2041 Window Handle Escutcheon (Buffer), 56-67, Ivory, Pair
(Bulk P/N: 111 837 235AIV, Each)
98-8364-B Window Crank Escutcheon (Buffer), Black, Each
Type 1 68-79, Ghia 68-74, Type 2 68-79, Type 3 68-73
(Ref. P/N: 111 837 595A)

98-0117 Retaining Pins for Window Crank/Door Handle,
Type 1, thru 67 (4 pcs.)
(Bulk P/N: N012 810 1, Each)

98-0117

DOOR/WINDOW HANDLE TENSION SPRING

Replace your fatigued or lost Door & Window Handle tension Spring with a new one. Fits between the door panel and inner door.

98-8338 Door/Window Handle Tension Spring, Type 1 All, Each
(Bulk P/N:111 837 229C)

INSIDE DOOR HANDLES

Fits Type 1 67-79, S/B 71-79, Ghia 64-70, Type 3 62-73 and Type 2 68 & 74-79.
Inside door latch opener with black plastic lever.

98-8673 NEW!

NEW! 98-8674

98-8673 NEW! Inside Door Handle, Left, Black, Type 1 67-79
(Bulk P/N: 113 837 019B)

98-8674 NEW! Inside Door Handle, Right, Black, Type 1 67-79
(Bulk P/N: 113 837 020B)

FINGER PLATE

This finger plate is for the inside door handle. They keep your door panels looking new.
Fits Type 1 and Convertible 67-79, Ghia 64-74, Type 3 67-73 and Type 2 68 & 74-79.

NEW! 98-8341

98-8341 NEW! Finger Plate, Inside Door Handle, Black, Each
(Bulk P/N: 311 837 247)

CHROME PLATED ESCUTCHEON

98-8340-B

98-8340 Escutcheon, Chrome Plated Plastic, Door Pull, Each
Type 1 67-79, Ghia 64-74, Type 3 64-73 and Type 2 68 79
(Bulk P/N: 113 837 239BC)

INSIDE DOOR HANDLE - TYPE 2

TYPE 2

98-8376-B

98-8376-B Door Handle, Inner, Chrome, Type 2 50-67, Each
(Ref. P/N: 211 841 641AC)

SLIDING DOOR INSIDE HANDLE - TYPE 2

Fits Type 2 1968-1979.

TYPE 2

98-8381 NEW!

98-8381 NEW! Sliding Door Handle, Inside, Black
(Bulk P/N: 211 843 642A)

INTERIOR LIGHT

Stock replacement Interior Light.

98-1089

98-1089 Push-on terminals, 1970-77 Type 1 (Exc. Convertible).
Will fit 52-69 but will not have the OE look.
(Bulk P/N: 111 947 111E)

SUNROOF CRANK HANDLE

98-8657 NEW!

98-8657 NEW! Crank Handle for Sunroof Silver/Grey Color, Type 1 68-77
(Bulk P/N: 161 877 453)

SUNROOF HANDLE GUARD PLATE

This unit is made of White Plastic. Fits Type 1 64-79, Super Beetle 71-77,
Type 2 68-69, Type 3 64-73 and Vanagon 80-91.

98-8698 NEW!

98-8698 NEW! Sunroof Handle Guard Plate, White
(Bulk P/N: 117 877 433)

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

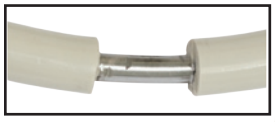
EMPI STEERING WHEEL KITS

This is a stock 1966 design 15 3/4" replacement steering wheel kit. It is supplied with the steering wheel, chrome half-moon horn ring, black and chrome center horn button with the crest emblem, and all necessary hardware.

Fits Type 1 1962-1971, Ghia 1962-1971 and Type 3 1962-1971.

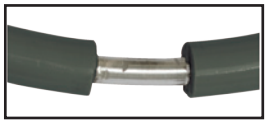
79-4005 NEW! Complete Steering Wheel Kit, Black

79-4006 NEW! Complete Steering Wheel Kit, Silver / Grey



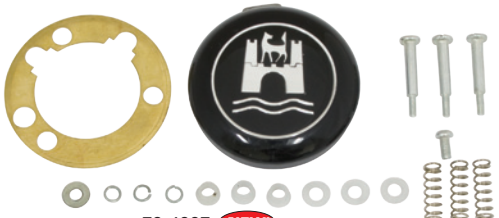
Metal bar inside steering wheel

79-4006 NEW!



Metal bar inside steering wheel

79-4005 NEW!



79-4007 NEW!

HORN BUTTON KIT

Horn button kit with crest emblem for stock steering wheels. Will also fit the replacement steering wheel (P/N 79-4005 & 79-4006). Complete with contact ring and mounting hardware.

Fits Type 1 1962-1971, S/B 1971, Ghia 1962-1971 and Type 3 1962-1971.

79-4007 NEW! Complete Horn Button Kit, Black

ALUMINUM DASH PANELS

These are available in 9 different styles, and each style is available with Polished Aluminum or Chrome Plated Aluminum finish. All of the large holes are 3 1/8" ID. All of the small holes are 2 1/16" ID. Dash Panels are drilled and tapped 6mm – 1.0 on the back side for mounting.

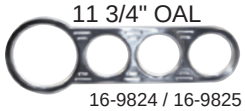
14 3/8" OAL

16-9820 / 16-9821

9 1/4" OAL

16-9818 / 16-9819

11 3/4" OAL



16-9824 / 16-9825

9 1/4" OAL

16-9822 / 16-9823

18 1/8" OAL

16-9828 / 16-9829

14 3/8" OAL

16-9826 / 16-9827

8" OAL

16-9832 / 16-9833

18 1/8" OAL

16-9831

10 5/8" OAL

16-9834 / 16-9835

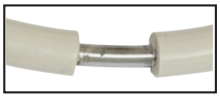
16-9818	Billet Dash, 1 Sm., 1 Lg., 1 Sm., Aluminum, Each
16-9819	Billet Dash, 1 Sm., 1 Lg., 1 Sm., Chrome, Each
16-9820	Billet Dash, 2 Sm., 1 Lg., 2 Sm., Aluminum, Each
16-9821	Billet Dash, 2 Sm., 1 Lg., 2 Sm., Chrome, Each
16-9822	Billet Dash, 1 Lg., 2 Sm., Aluminum, Each
16-9823	Billet Dash, 1 Lg., 2 Sm., Chrome, Each
16-9824	Billet Dash, 1 Lg., 3 Sm., Aluminum, Each
16-9825	Billet Dash, 1 Lg., 3 Sm., Chrome, Each
16-9826	Billet Dash, 1 Lg., 4 Sm., Aluminum, Each
16-9827	Billet Dash, 1 Lg., 4 Sm., Chrome, Each
16-9828	Billet Dash, 2 Lg., 4 Sm., Aluminum, Each
16-9829	Billet Dash, 2 Lg., 4 Sm., Chrome, Each
16-9831	Billet Dash, 2 Sm., 2 Lg., 2 Sm., Chrome, Each
16-9832	Billet Dash, 3 Small, Aluminum, Each
16-9833	Billet Dash, 3 Small, Chrome, Each
16-9834	Billet Dash, 4 Small, Aluminum, Each
16-9835	Billet Dash, 4 Small, Chrome, Each

"BANJO" STYLE VINTAGE STEERING WHEEL

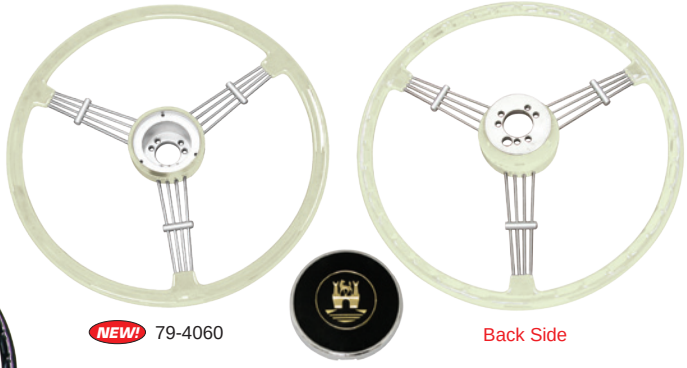
Vintage 3 spoke 15 1/2" "Banjo" style steering wheel, available in Black or Silver / Grey. Finger grips are on the under-side. Supplied with horn button. Must purchase a boss kit to complete installation (P/N 79-4062 or 79-4063).

79-4059 NEW! "Banjo" Style Vintage Steering Wheel Kit, Black

79-4060 NEW! "Banjo" Style Vintage Steering Wheel Kit, Silver / Grey

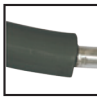


Metal bar inside steering wheel



NEW! 79-4060

Back Side



Metal bar inside steering wheel

NEW! 79-4059

Back Side

EMPI POLISHED BILLET ALUMINUM "BANJO" STEERING WHEEL BOSS KITS

EMPI Polished Billet Aluminum Steering Wheel Boss Kits allow the installation of the "Banjo" Style Vintage Steering Wheel. Includes all necessary hardware.

79-4062 NEW! "Banjo" Steering Wheel Boss Kit
3-Bolt Mount w/ 24 Splines
Fits Type 1 & Ghia 49-59

79-4063 NEW! "Banjo" Steering Wheel Boss Kit
3-Bolt Mount w/ 40 Splines
Fits Type 1 & Ghia 60-74 1/2, Type 3 61-71

Back Side

79-4062 NEW!

79-4063 NEW!

"BANJO" STEERING WHEEL HORN BUTTON

Replacement crest emblem horn button for the "Banjo" Style Vintage Steering Wheel.

79-4061 NEW! "Banjo" Steering Wheel Horn Button

79-4061 NEW!

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI CLASSIC WOOD STEERING WHEELS

Beautiful Classic Wood with Polished Chrome Spokes. Real Wood Grain finished with finger grips on the under-side. 380mm diameter with Phat 31mm grip or standard 23mm grip. Both feature a 2 1/2" Dish with Classic 3-Bolt Hub Pattern. Available in light or dark wood. Kits include Polished Billet Aluminum Boss with horn button and 2 logo's. Kits fit Type 1 & Ghia 60-74 1/2 and Type 3 61-71. Steering Wheels and Boss kits may be purchased separately.

79-4026-7

79-4021

79-4021-7

79-4028-7

79-4022

79-4026	EMPI 380mm/31mm Grip Classic Wood Steering Wheel w/Boss Fits Type 1 & Ghia 60-74 1/2, Type 3 61-71
79-4026-7	EMPI 380mm/31mm Grip Classic Wood Steering Wheel Only 3" Dish with Classic 3-Bolt Hub Pattern
79-4021	EMPI 380mm/31mm Grip Dark Classic Wood Steering Wheel w/Boss Fits Type 1 & Ghia 60-74 1/2, Type 3 61-71
79-4021-7	EMPI 380mm/31mm Grip Dark Classic Wood Steering Wheel Only 3" Dish with Classic 3-Bolt Hub Pattern
79-4028	EMPI 380mm/23mm Grip Classic Wood Steering Wheel w/Boss Fits Type 1 & Ghia 60-74 1/2, Type 3 61-71
79-4028-7	EMPI 380mm/23mm Grip Classic Wood Steering Wheel Only 3" Dish with Classic 3-Bolt Hub Pattern
79-4022	EMPI 380mm/23mm Grip Dark Classic Wood Steering Wheel w/Boss Fits Type 1 & Ghia 60-74 1/2, Type 3 61-71
79-4022-7	EMPI 380mm/23mm Grip Dark Classic Wood Steering Wheel Only 3" Dish with Classic 3-Bolt Hub Pattern
79-4024	EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only Fits Type 1 & Ghia 49-59
79-4025	EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only Fits Type 1 & Ghia 60-74 1/2, Type 3 61-71
79-4058	EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only Fits Type 1 75-79, Type 2 74-79

79-4028
(Kit)
Light Wood

23mm Grip

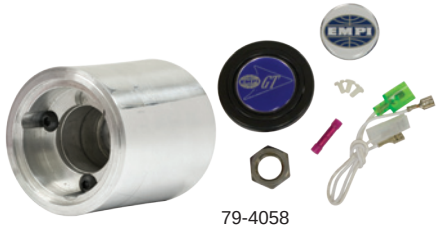
79-4022-7
Dark Wood

79-4026
(Kit)
Light Wood

"Phat" 31mm Grip

79-4024

79-4025


79-4058

EMPI TYPE 2 CLASSIC WOOD STEERING WHEEL

Beautiful 457mm diameter Classic Wood Steering Wheel with Polished Chrome 3-Spoke design with finger grips on the under-side and a 1 ½" Dish. Big and Beefy 31mm grip designed to enhance the look of any Bus or Transporter.
Wheel only – purchase your Billet Adapter to complete the installation.

31mm Grip

TYPE 2

79-4055-6 457mm Type 2 Wood Steering Wheel Only

EMPI TYPE 2 POLISHED BILLET ALUMINUM STEERING WHEEL BOSS KITS

TYPE 2

Polished Billet Aluminum Wheel Boss Kits for all Type 2 and Transporter applications will mount your EMPI Classic Wood Steering wheel with style. Includes 2 logo's.
See page 422 for dimensions of all hubs.

79-4056 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 2 55-67

79-4057 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 2 68-73

79-4058 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 2 74-79, Type 1 75-79

79-4056

79-4057

79-4058

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

EMPI POLY-FOAM STEERING WHEELS

Featuring a thick, textured black Poly-Foam grip with Chrome spokes and is available in a range of sizes. Standard 3-Bolt mounting pattern for use with Steering Wheel Adapters, Quick Disconnects (P/N 3172 & P/N 16-9567) or Steering Shafts (P/N 3177 & P/N 17-2579).

Note: Does not come with Horn Button – sold in Adapter Kit.

79-4110 EMPI Poly-Foam Steering wheel, 3 spoke,
13 ½" Dia., 3 ½" Dish / 3 ½"

79-4111 EMPI Poly-Foam Steering wheel, 3 spoke,
10" Dia., 5 ½" Dish / 5 ½"

79-4112 EMPI Poly-Foam Steering wheel, 3 spoke,
12 ½" Dia., 3 ½" Dish / 3 ⅛"

79-4113 EMPI Poly-Foam Steering wheel, 3 solid spoke,
14 ¾" Dia., 4" Dish / 4 ¼"

EMPI STEERING WHEEL ADAPTERS

For EMPI and other popular 3-bolt steering wheels. Features Chrome Horn Button that is recessed for use with or without EMPI Logo, 3 logos supplied.

79-4115 EMPI Steering Wheel Adapter Kit,
Type 1 and Ghia 60-74½, Type 3 61-71
I.D. Spline Area .795,
O.D. Spine Area .835, 40 Splines

79-4117 EMPI Steering Wheel Adapter Kit,
Type 1 75-79, Type 2 74-79,
All other VW Models 75-88
I.D. Spline Area .652,
O.D. Spine Area .680, 40 Splines
(Exc. 75 1/2-77 Dasher)

79-4116 EMPI Steering Wheel Adapter Kit,
Type 1 and Ghia 49-59
I.D. Spline Area .863,
O.D. Spine Area .982, 24 Splines

GRANT STEERING WHEELS

In 1962 Grant introduced their first Steering Wheel for dune buggies. Grant offers fine quality products with distinctive style, solid value and a wide selection of designs to express your individual personality. First dish dimension is given by Grant. The second dimension is from wheel face to hub face.

See page 420 for adapter kits.

GT Sport Thick Foam Wheels

Thick textured foam hand grip. Available in matte black or chrome steel spokes and comes with a matte black styling sleeve. All of these steering wheels have a 5-hole flange, but each kit is supplied with the adapter to take this wheel to a 3-bolt mounting.

79-4030 GT Sport Thick Foam, Black Spoke, 13" Dia., 3.50" Dish / 4 ⅛"
79-4031 GT Sport Thick Foam, Chrome Spoke, 13" Dia., 3.50" Dish / 4 ⅛"

79-4031

79-4030

GT Rally Wheels

Molded black polyurethane grip with silver or black anodized aluminum spokes w/ styling sleeve. All of these steering wheels have a 5-hole flange, but each kit is supplied with the adapter to take this wheel to a 3-bolt mounting.

79-4032 Rally GT, Black 3-Spoke, 13” Dia., 3” Dish / 3 ⅜"
79-4033 Rally GT, Silver, 3-Spoke, 13” Dia., 3” Dish / 3 ¼"
79-4034 Rally GT, Black 4-Spoke, 14” Dia., 3 ¾” Dish / 3 ½"
79-4035 Rally GT, Silver 4-Spoke, 14” Dia., 3 ¾” Dish / 3 ¾"

79-4033

79-4032

79-4034

Formula GT Wheels

Black hand stitched leather grained vinyl grip with black or silver anodized or highly polished aluminum spokes w/styling sleeve. All of these steering wheels have a 5-hole flange, but each kit is supplied with the adapter to take this wheel to a 3-bolt mounting.

79-4036 Formula GT, Black 3-Spoke, 13” Dia., 3” Dish / 3 ½"
79-4038 Formula GT, Black,3-Spoke, 12” Dia., 3” Dish / 3 ¾"
79-4037 Formula GT, Polished,3-Spoke, 13” Dia., 3” Dish / 3 ⅜"
79-4039 Formula GT, Silver,3-Spoke, 11 ¾” Dia., 3” Dish / 3 ½"

79-4039

79-4038

79-4037

Formula 1 Racing Wheels

Black suede leather with black or silver anodized aluminum spokes, 3 spoke design. These kits are not supplied with any adapter. Mounting holes must be drilled. NOT FOR STREET USE.

79-4040 Formula 1,Black,3-Spoke, 10" x 9" (D-Shape) diameter
79-4041 Formula 1, Silver,3-Spoke, 10" x 9" (D-Shape) diameter

79-4040

79-4041

Classic Foam Wheels

Black foam cushion grip with chrome spokes. Adapters are available to install steering wheels on various VW models, see page 420. All of these steering wheels have the 3-hole flange. The standard 3 bolt pattern is the same as our P/N: 3172 and P/N 16-9567 steering wheel quick disconnects and P/N: 3177 and P/N 17-2579 steering shafts.

See page 420 for adapter kits.

79-4014 Classic Foam, Chrome, 4 spoke, 11 ½” dia., 3 ¾” dish / 3 ¾"
79-4047 Classic Foam, Chrome, 4 spoke, 13” dia., 1 ¾” dish / 2"
79-4050 Classic Foam, Chrome, 3 spoke, 8 ½” dia., 4 ½” dish / 5 ¼"
79-4051 Classic Foam, Chrome, 3 spoke, 11 ½” dia., 3 ¾” dish / 3 ¾"
79-4052 Classic Foam, Black, 3 soild spoke, 10 ¼” dia., 2 ½” dish / 2 ⅞"

79-4014

79-4047

79-4050

79-4052

79-4051

EMPI POLISHED BILLET ALUMINUM STEERING WHEEL BOSS KITS

EMPI Polished Billet Aluminum Steering Wheel Boss Kits allow the installation of most 3-Bolt (Grant/Pip-Style) steering wheels. Includes 2 logo's.

79-4025

79-4056

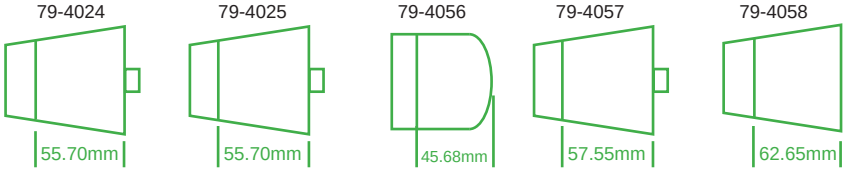
79-4024 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 1 & Ghia 49-59

79-4025 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 1 & Ghia 60-74 1/2, Type 3 61-71

79-4056 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 2 55-67

79-4057 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 2 68-73

79-4058 EMPI Polished Billet Aluminum Steering Wheel Boss Kit Only
Fits Type 2 74-79, Type 1 75-79



STEERING WHEEL ADAPTER KITS

For Volkswagen

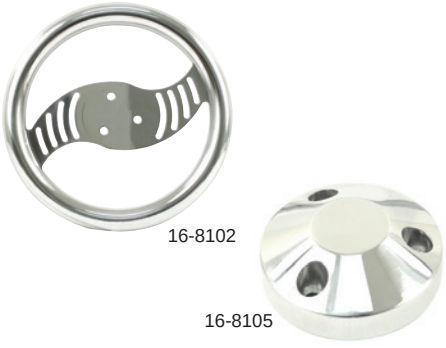
79-4019 Adapter Kit, Two inch extension, 3 hole to 3 hole

79-4018 Adapter Kit, One inch Aluminum extension, 5 hole to 3 hole

79-4020 Adapter Kit, Two inch Aluminum extension, 5 hole to 3 hole

BILLET STEERING WHEELS

Let EMPI steer you in the right direction with a billet aluminum steering wheel. Function and style are combined to make a steering wheel capable of withstanding harsh off-road elements that leave conventional wheels falling apart in your hands.



16-8102 10" Polished Aluminum "Vortex" Steering Wheel

16-8105 Billet Aluminum Hub Cover, All Wheels

BILLET ALUMINUM STEERING WHEEL ADAPTER

16-9815 captures the steering wheel between the 2 halves. This unit has no horn button.

16-9815

16-9815 5 Hole to 3 Hole Steering Wheel Adapter, Front Mount, 2 pc Kit

HEADLIGHT ASSEMBLIES / RETAINERS & RIMS

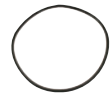
Replace rusted and damaged assemblies or retainers with our high quality headlight units.

98-1063-B

98-2060

98-2059

98-9411-B


98-9414-B

98-9412-B

EARLY HEADLIGHT COMPONENTS

98-1063-B Headlight Assembly, Type 1 & 2, thru 66, Each
(Ref. P/N: 111 941 037C)

98-2059 Headlight Rim, Chrome, Type 1 & 2
(Bulk P/N: 111 941 111) **Adjusting Screws at 5 & 7 O'Clock**

98-2060 Headlight Rim, Chrome, Type 1 & 2
(Bulk P/N: 111 941 111B) **Adjusting Screws at 2 & 7 O'Clock**

98-9411-B Gasket, Headlight Lens, Type 1 50-66, Type 2 50-67, Grey, Each
(Ref. P/N: 111 941 119)

98-9414-B Gasket, Headlight Assembly, Type 1 50-66, Type 2 50-67, Each
(Ref. P/N: 111 941 191)

98-9412-B Retainer Spring, Headlight Glass, Type 1 50-67, Type 2 50-67, Each
(Ref. P/N: 111 941 125C)

LATE HEADLIGHT COMPONENTS

98-1064 Headlight Retaining Unit, 67-79, Each
(Bulk P/N: 141 941 041) Compatible with H4 Headlight

9479 Headlight Rims, Chrome, 67-79, Pair
(Bulk P/N: 311 941 177, Each)

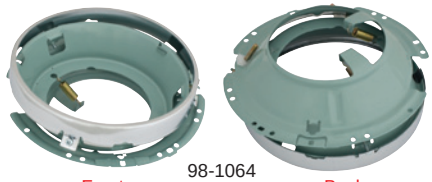
98-9415-B Screw, Headlight Rim (Chrome), Each
Type 1 67-79, Type 2 68-79, Type 3 64-73
(Ref. P/N: 311 941 195A)

16-2102 H.D. 3-Prong Headlight Pigtail / Connector

16-2102

9479

98-9415-B


Front 98-1064 Back

7" H4 HEADLIGHT CONVERSIONS

Add the vision and safety of Halogen. Replace your 7" round sealed beams with these H4 Halogen conversion kits. Comes with 12-Volt H4 55/60 watt bulb. Bulb is replaceable.

9311 7" H4 Headlight - Round, Each
Will Fit P/N: 9307-7 and P/N 98-1064-B

9311

7" SEALED BEAM HI/LOW BULB

Either 6-Volt or 12-Volt round 7" sealed beam Hi/Low Replacement head light bulb.

9304 7" Sealed Beam Hi/Low Bulb Only, 12 Volt, Each (Boxed)

9303 NEW! 7" Sealed Beam Hi/Low Bulb Only, 6 Volt, Each (Boxed)

9303 NEW!

9304

98-9622

98-9623

98-9625

BACK-UP LIGHTS - TYPE 1

Designed to replace the Type 1, Ghia & Type 3 Back-Up lights with correct brackets for Right & Left. Great chrome finish and attention to detail. Can be used as a universal back-up light for many applications. Not suitable for driving lights.

98-9622 Back-Up Light Assy., w/ Left Bracket & Boot, Type 1 64-67, Ghia 69-71, Type 3 67-69, Each
(Bulk P/N:181 941 071B)

98-9623 Back-Up Light Assy., w/ Right Bracket & Boot, Type 1 64-67, Ghia 69-71, Type 3 67-69, Each
(Bulk P/N:181 941 072B)

98-9625 Back-Up Light Lens Only, Type 1 64-67, Ghia 69-71, Type 3 67-69, 57-71 Type 2, Each
(Bulk P/N:111 941 371)

98-9624

TYPE 2

98-9625

BACK-UP LIGHTS - TYPE 2

Designed to replace the 57-71 Type 2 Back-Up lights. Great finish and attention to detail. Can be used as a universal back-up light for many applications. Not suitable for driving lights.

98-9624 Back-Up Light Assy., 57-71 Type 2, Each
(Bulk P/N:211 941 073)

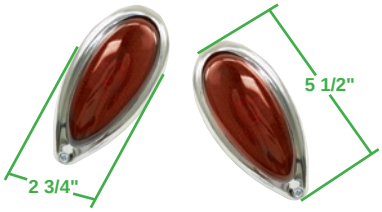
98-9625 Back-Up Light Lens Only, Type 1 64-67, Ghia 69-71, Type 3 67-69, 57-71 Type 2, Each
(Bulk P/N:111 941 371)

98-9431
NEW!

LICENSE PLATE LIGHT

License Plate Light with bulb socket assembly and seal. Fits Type 1 64-79, S/B 71-79 and Type 3 61-73.

98-9431 NEW! License Plate Light w/ Seal
(Bulk P/N:311 943 121A)



TEARDROP TAIL LIGHTS (STAINLESS STEEL)

Add that Custom 50's Look to your Type 1 or Type 2. Each assembly comes with a dual filament 12-Volt bulb. Requires cutting, fitting and wiring modifications.

9490 Red Teardrop Tail Lights, Pair

BLUE DOTS

The Ultimate 50's accessory! Fits all tail light lenses. Requires careful drilling of lens.

9491 Blue Dot w/Chrome Ring, Pair

REPLACEMENT BULBS

EMPI offers a complete line of halogen headlight bulbs to fit most any application. Pick the style that fits your light and then choose the wattage best suited for your driving conditions. Be sure to check the vehicle's charging capacity to avoid overloading the system (watts ÷ volts = amps). Check your local laws regarding wattage and color for street applications.
See page 490 for H1, H2 and H3 Bulbs

16-9168 Ultra Cool Clear White Light, H4 12V 60/55W, Clear, Each

16-9170 Ultra Cool Gold White Light, H4 12V 60/55W, Gold, Pair

16-9173 Ultra Cool Gold White Light, H4 12V 100/55W, Gold, Pair

16-9176 Ultra Cool Gold White Light, H4 12V 130/100W, Gold, Pair

STOCK STYLE LIGHT ASSEMBLIES & LENSES

Complete Light Assemblies or Lenses for Type 1 & Type 2. Tail Light Lenses available in stock Red/White or "Euro Style" Amber/Red.

98-9529

98-9530

98-9531

TYPE 1 FRONT TURN SIGNAL ASSEMBLIES

98-9529 Turn Signal Assy., Left & Right, 58-63, Amber, Each
(Bulk P/N: 113 953 041CA) (Chrome Plated Steel)

98-9530 Turn Signal Assy., Left & Right, 58-63, Clear, Each
(Bulk P/N: 113 953 041C) (Chrome Plated Steel)

98-9531 Turn Signal Assy., Left & Right, 64-66, Amber, Each
(Bulk P/N: 113 953 041J) (Chrome Plated Plastic)

98-9533 Turn Signal Assy., Left, 70-79, Amber
(Bulk P/N: 113 953 041N) (Chrome Plated Plastic)

98-9534 Turn Signal Assy., Right, 70-79, Amber
(Bulk P/N: 113 953 042N) (Chrome Plated Plastic)

98-9533

98-9534

TYPE 1 TAIL LIGHT ASSEMBLIES

98-2023 T/L Assembly, Left, 62-67, Euro Style
(Bulk P/N: 111 945 095NE) (Painted Metal)

98-2024 T/L Assembly, Right, 62-67, Euro Style
(Bulk P/N: 111 945 096NE) (Painted Metal)

98-2023

98-2024

98-2054 NEW! T/L Assembly, Left, 62-67, Red
(Bulk P/N: 111 945 095N) (Painted Metal)

98-2055 NEW! T/L Assembly, Right, 62-67, Red
(Bulk P/N: 111 945 096N) (Painted Metal)

NEW!
98-2054

NEW!
98-2055

98-1091 T/L Assembly, Left, 68-70, Euro Style
(Bulk P/N: 111 945 095RE) (Painted Metal)

98-1092 T/L Assembly, Right, 68-70, Euro Style
(Bulk P/N: 111 945 096RE) (Painted Metal)

98-1091

98-1092

98-9455 T/L Assembly, Left, Type 1, 73-79
(Bulk P/N: 133 945 097AK) (Gray Plastic) Supplied w/ Pig Tail and 4 bulbs

98-9456 T/L Assembly, Right, Type 1, 73-79
(Bulk P/N: 133 945 098AK) (Gray Plastic) Supplied w/ Pig Tail and 4 bulbs

98-9452 T/L Assembly, Left & Right, Universal, 73-79, Each
(Gray Plastic) Without 3 bulbs
(Ref. P/N: 133 945 097A or 133 945 098A)
(Bulk P/N: 133 945 097A)

98-9452

98-9455

98-9456

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

TYPE 2 TAIL LIGHT ASSEMBLIES

98-9514 T/L Assembly, Left & Right, Red, Type 2, 62-71, Each
(Bulk P/N: 211 945 237K)

98-9453 T/L Assy., Left & Right, Amber/Red/White, 72-79, Each
(Bulk P/N: 211 945 241RA)

TYPE 2

STOCK STYLE LENSES

TYPE 1 LENSES

98-9501 Early H/L Lens, Left & Right, thru 66, Glass, Each
(Bulk P/N: 111 941 115H)

98-9502 Early H/L Lens, Left & Right, thru 66, Cibie Style, Glass, Each
(Bulk P/N: 111 941 115HCB)

98-9503 Early H/L Lens, Left & Right, thru 66, Vintage Euro Style, Glass, Each
(Bulk P/N: 111 941 115HVN)

98-9505 Early H/L Lens, Left & Right, thru 66, Porsche 911 Style, Glass, Each
(Bulk P/N: 111 941 115POR)

98-9638 Turn Signal Lens, Left & Right, Type 1 55-57 / Type 2 56-62, Clear, Each
(Bulk P/N:111 953 161)

98-9521 Turn Signal Lens, Left & Right, 58-63, Clear, Each
Will only fit EMPI Assemblies (Not OE)
(Bulk P/N: 113 953 161ACL)

98-9522 Turn Signal Lens, Left & Right, 58-63, Amber, Each
Will only fit EMPI Assemblies (Not OE)
(Bulk P/N: 113 953 161A)

98-9523 Turn Signal Lens, Left & Right, 64-66, Clear, Each
(Bulk P/N: 111 953 161JCL)

98-9524 Turn Signal Lens, Left & Right, 64-66, Amber, Each
(Bulk P/N: 111 953 161J)

98-9639 Turn Signal Lens, Left & Right, 68-69, Amber, Each
(Bulk P/N:111 953 161A)

98-9518 Turn Signal Lens, Left, Type 1, 70-79, Clear, Each
(Bulk P/N: 113 953 161BCL)

98-9517 Turn Signal Lens, Left, Type 1, 70-79, Amber, Each
(Bulk P/N: 113 953 161B)

98-9520 Turn Signal Lens, Right, Type 1, 70-79, Clear, Each
(Bulk P/N: 113 953 162BCL)

98-9519 Turn Signal Lens, Right, Type 1, 70-79, Amber, Each
(Bulk P/N: 113 953 162B)

STOCK STYLE LENSES (Continued)

TYPE 1 LENSES (Continued)

98-1074 T/L Lens, Left & Right, 62-67, Euro Style, Each
(Bulk P/N: 111 945 241DE)

98-1075 T/L Lens, Left & Right, 62-67, Red, Each
(Bulk P/N: 111 945 241D)

98-1076 T/L Lens, Left & Right, 68-70, Euro Style, Amber/Red/White, Each
(Bulk P/N: 111 945 241JE)

98-1077 T/L Lens, Left & Right, 68-70, Red/White, Each
(Bulk P/N: 111 945 241J)

98-9629 T/L Lens, Left, 71-72, Euro Style, Each
(Bulk P/N:113 945 241B)

98-9630 T/L Lens, Right, 71-72, Euro Style, Each
(Bulk P/N:113 945 242B)

98-2025 T/L Lens, Left, 71-72, Red/White, Each
(Bulk P/N: 113 945 241A)

98-2026 T/L Lens, Right, 71-72, Red/White, Each
(Bulk P/N: 113 945 242A)

98-1065 T/L Lens, Left, 73-79, Euro Style, Amber/Red/White, Each
(Bulk P/N: 133 945 223A)

98-1066 T/L Lens, Right, 73-79, Euro Style, Amber/Red/White, Each
(Bulk P/N: 133 945 224A)

98-9506 T/L Side Reflector, Left, Type 1, 70-72, Each
(Bulk P/N: 113 945 109)

98-9507 T/L Side Reflector, Right, Type 1, 70-72, Each
(Bulk P/N: 113 945 110)

TYPE 2 LENSES

98-9501 Early H/L Lens, Type 2, thru 67, Glass, Each
(Bulk P/N: 111 941 115H)

98-9504 Early H/L Lens, Vintage Euro Style, Type 2, 50-67, Glass, Each
(Bulk P/N: 111 941 115HT2)

98-9508 Side Marker Lens, Type 2, 70-74, Yellow/Silver Trim, Each
(Bulk P/N: 211 945 119A)

98-9509 Side Marker Lens, Type 2, 75-79, Yellow/Black Trim, Each
(Bulk P/N: 211 945 119B)

98-9510 Side Marker Lens, Type 2, 70-74, Red/Silver Trim, Each
(Bulk P/N: 211 945 363A)

98-9511 Side Marker Lens, Type 2, 75-79, Red/Black Trim, Each
(Bulk P/N: 211 945 363B)

98-9512 Front Side Reflector Base, Type 2, 70-79, Each
(Bulk P/N: 211 945 161)

98-9516 Bulb Holder, Rear Side Marker, Type 2, 70-79, Each
(Bulk P/N: 211 945 351A)

TYPE 2

98-1074

98-1075

98-1077

98-1076

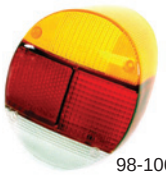
98-9629

98-9630

98-2025

98-2026

98-9506


98-1065

98-1066

98-9507

TYPE 2

98-9501

98-9504

98-9508

98-9509

98-9511

98-9510

98-9512

98-9516

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

98-9638

98-9640

98-9641

98-9635

98-9525

98-9513

98-9454

NEW! 98-8617

NEW! 98-8616

98-9626

98-9627

98-9526

98-9527

STOCK STYLE LENSES (Continued)

TYPE 2 LENSES (Continued)

98-9638 Turn Signal Lens, Left & Right, Type 2 56-62 / Type 1 55-57 Clear, Each
(Bulk P/N:111 953 161)

98-9640 Turn Signal Lens - Amber, Type 2 63-67, Left, Each
(Bulk P/N:211 953 161B)

98-9641 Turn Signal Lens - Amber, Type 2 63-67, Right, Each
(Bulk P/N:211 953 162B)

98-9525 Turn Signal Lens, Left & Right, Type 2, 68-72, Each
(Bulk P/N: 211 953 141J)

98-9635 Turn Signal Lens - Amber, Type 2 73-79, Left/Right, Each
(Bulk P/N:211 953 141/142)

98-8617 NEW! T/L Lens Only, Type 2, 62-71, Amber/Red, Each
(Bulk P/N: 211 945 241D)

98-9513 T/L Lens only, Type 2, 62-71, Red, Each
(Bulk P/N: 211 945 241G)

98-9454 T/L Lens, Left & Right, Type 2, 72-79, Amber/Red/White, Each
(Bulk P/N: 211 945 241R)

TYPE 3 & GHIA LENSES

98-9626 Tail Light Lens, Type 3 64-69, Each
(Bulk P/N:311 945 223B)

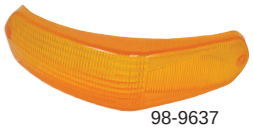
98-8616 NEW! Tail Light Lens w/ Chrome Ring, Ghia 60-69, 100% Red, Each
(Bulk P/N:141 945 227D)

98-9627 Tail Light Lens, Type 3 70-73, Ghia 72-74, Each
(Bulk P/N:311 945 223P)

98-9526 Turn Signal Lens, Bullet, Ghia 59-64 / Type 3 62-63, 68-69 Amber, Each
(Bulk P/N: 315 953 161D)

98-9527 Turn Signal Lens, Bullet, Ghia 59-64 / Type 3 62-63, 68-69 Clear, Each
(Bulk P/N: 315 953 161DCL)

98-9637 Turn Signal Lens, Left & Right, Type 3 70-73, Amber, Each
(Bulk P/N:311 953 157J)


98-9637

FRONT TURN SIGNAL SEALS - TYPE 1

High quality seals include wiring tube on early models just like original.
Fits Type 1 VWs.

6701 Turn Signal Seals, w/Wiring Tubes Attached, Type 1 58-63, Pair
(Bulk P/N: 111 953 193, Pair)

6702 Turn Signal Seals, w/Wiring Tubes Incl., Type 1 64-69, Pair (4 pcs.)
(Bulk P/N: 111 953 193E, Pair, 4 pcs.)

6703 Turn Signal Seals, Type 1 70-79, Pair
(Bulk P/N: 113 953 193, Pair)

6701

6702

6703

TAIL LIGHT SEALS - TYPE 1

High quality tail light seals. Fits Type 1.

6704 Tail Light Seals, 62-67, Pair
(Bulk P/N: 111 945 191E, Pair)

6705 Tail Light Seals, 68-70, Pair
(Bulk P/N: 111 945 191G/2A, Pair)

6706 Tail Light Seals, 71-72, Pair
(Bulk P/N: 113 945 191/192, Pair)

6704

6706

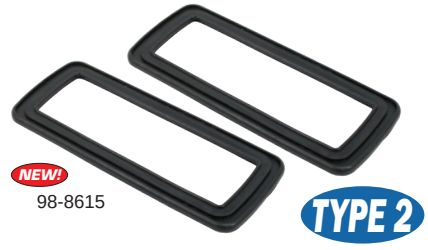
6705

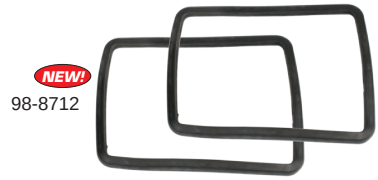
FRONT TURN SIGNAL SEALS - TYPE 2

High quality seals, left or right. Fits Type 2 VWs.

98-8615 NEW! Turn Signal Lens Seal, Type 2 68-72, Pair
(Bulk P/N: 211 953 165C) Each

98-8712 NEW! Turn Signal Lens Seal, Type 2 73-79, Pair
(Bulk P/N: 211 953 165D) Each


NEW!
98-8615
TYPE 2


NEW!
98-8712

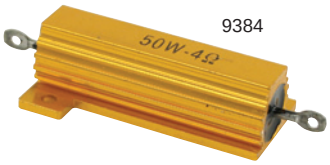
TAIL LIGHT SEAL – TYPE 2

Designed to replace the 62-71 Type 2 Tail light seal.

98-9631 Tail Light Seal, Type 2 62-71, Each
(Bulk P/N:211 945 245A)

TYPE 2
98-9631

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

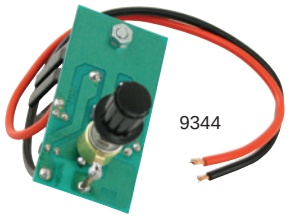


9384

VOLTAGE DROP

Allows 6-Volt wiper motors to operate with a 12-Volt power supply. Drops 12-Volt to approximately 8-Volt. Must be tested with a load on it.

9384 Voltage Drop, Each


9344

WIPER CONVERSION KIT

Converts 6-Volt wiper motor for use with 12-Volt system and adds a Variable Speed feature to your wipers.

9344 Wiper Conversion Kit, Each

98-9371 NEW!

FUSE BOX

98-9371 NEW! Fuse Box, w/ Clear Cover, F/8 Fuses, Type 1 61-66, Ghia 61-66 (Bulk P/N: 111 937 037)

98-8661 NEW!

FUSE BOX CLIP

98-8661 NEW! Fuse Box Clip, Type 1 61-67, Ghia 61-71, Type 2 61-67, Pair (Bulk P/N: 111 937 591) Each

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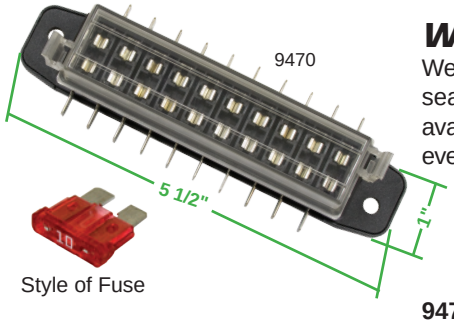
FUSE PACKS

Replace worn or burned fuses and keep spares in the glove box! 20 Fuses per kit. For stock VW or P/N 16-9466 Fuse Box.

9905	Fuse Kit, 10 x 8-Amp, 10 x 16-Amp
9926	Fuse Kit, 10 x 8-Amp, 5 x 16-Amp, 5 x 25-Amp
9927	Fuse Kit, 20 x 8-Amp
9929-B	8 Amp (N171211), White, Box of 100
9930-B	16 Amp (N171214), Red, Box of 100
9931-B	25 Amp (N171215), Blue, Box of 100



Style of Fuse

WEATHER-PROOF G.M. STYLE FUSE BOX

Weather-Proof 10-position Fuse Box features Standard Blade style fuse receptacles. A sealed body and a clear top that also seals to the body with an O-Ring. ATC fuses are available in a number of amp sizes, easy to see if blown and are available practically everywhere. Update your buggy or kit car with a modern fuse box.

9470 Weather-Proof G.M. Style Fuse Box

UNIVERSAL WIRE HARNESS W/FUSE BOX

Complete wiring kit includes 6 Panel fuse box, fuses, wire, ends, fittings, electrical tape and instructions. Great for Buggies, Kit Cars and other special applications.

9466 Universal Wire Harness w/Fuse Box
16-9466 6 Panel Fuse Box Only

9466

16-9466

MINI & MICRO MINI CHROME LIGHTS

These single and dual filament lights are ideal for clearance, parking, turn signal or tail lights. They feature diecast construction, and the prism lenses diffuse the light beam. Available with red and amber lenses. Comes with 12-Volt Bulbs. 3/8 x 16 Female thread on the base of each light. Each light is supplied with a 3/8 x 16 hollow bolt, washer and rubber washer.

MINI LIGHTS, 2 5/16" X 1 3/4" X 2" (DUAL FILAMENT)

9334 Mini Light w/Red Lens, Each
9335 Mini Light w/Amber Lens, Each

9327 Replacement Dual Filament 12-Volt Bulb, 2 pcs.

9334
9335

MINI LED TAIL LIGHT, 2 5/16" X 1 3/4" X 2"

Has a clear lens. Shows red stoplight and tail light, but goes amber in turn signal mode.

16-9836 Mini LED Tail Light Red/Red/Amber, Each

16-9836

MICRO MINI LIGHTS, 1 3/4" X 1" X 1 1/2" (SINGLE FILAMENT)

9330 Micro Mini Light w/Red Lens, Each
9331 Micro Mini Light w/Amber Lens, Each

9326 Replacement Single Filament 12-Volt Bulb, 2 pcs.

9331
9330

MINI / MICRO MINI BUMPER MOUNT LIGHT BRACKETS

These trick little brackets give you the option of mounting either the mini or the micro mini lights to any Beetle up to '73. Lights can be mounted above or below the bumper. The bracket attaches to the stock bumper bracket using the existing bracket bolt. Brackets are steel with a durable black finish and are sold as a pair.

9325 Mini/Micro Light Mount Bracket, Type 1 thru 73, Pair

9325

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

98-9588

FUEL GAUGE STABILIZER

This VW Fuel Gauge Vibrator stabilizes the gauge so the needle will not bounce around and can hold a reading. The vibrator is screwed to the back of the speedometer housing. Fits Type 1 1968-1977, Super Beetle 1971-1979, Ghia 1973-1974, Type 2 1973-1979 and Thing 1973-1974.

98-9588 NEW! Fuel Gauge Stabilizer, Each
(Bulk P/N: 113 957 099A)

98-9421-B

HEADLIGHT SWITCHES AND RELAYS

98-9421-B Headlight Switch, 6 Prong, Type 1 58-67, Ghia 58-67, Type 2 68-70, Type 3 64-67
(Ref. P/N: 311 941 531A)

98-9423

98-9423 NEW! Headlight Switch, 6 Prong, Type 1 68-70
(Bulk P/N: 311 941 531B)

98-9424

98-9424 NEW! Headlight Switch, 8 Prong, Type 1 71-77
(Bulk P/N: 113 941 531E)

98-9980-B

98-9422 NEW! Headlight Switch, 6 Prong, Type 1 and S/B 73-79
(Bulk P/N: 133 941 531B)

98-9980-B Headlight Switch, 6 Prong, Type 2 71-79
(Ref. P/N: 211 941 531E)

98-9422

98-9437-B Relay, headlight (12-Volt), 5 Prong, Type 1 67-79, Ghia 67-74, Type 2 67-79, Type 3 67-73, Each
(Ref. P/N: 111 941 583)

98-9437-B

HEADLIGHT DIMMER

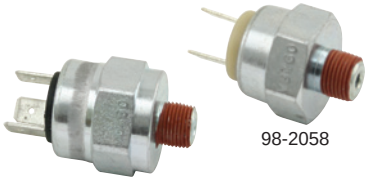
98-9436-B Headlight Dimmer, Metal Housing Switch, Each
Type 1 50-65, Ghia 54-65, Type 2 50-65
(Ref. P/N: 111 941 561B)

98-9436-B

BRAKE LIGHT SWITCHES

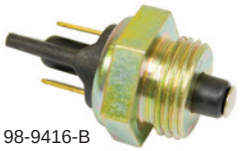
Brake light switches deteriorate with age causing them to malfunction. If your brake lights don't come on with a small amount of pressure applied to the brake pedal, it's time to replace your switch.

98-2057 Brake Light Switch, 3 Prong
(Bulk P/N: 113 945 515G)
98-2058 Brake Light Switch, 2 Prong
(Bulk P/N: 113 945 515H)


98-2058

98-2057

BACK-UP LIGHT SWITCH


98-9416-B

98-9416-B Switch, Back-up Light, Each
Type 1 66-79, Ghia 66-74, Type 2 67-79, Type 3 66-73
(Ref. P/N: 211 941 521)

BULB HOLDER

98-8723-B

98-8723-B NEW! Bulb Socket with Push-In Connector.
Used in Instrument Panel, All Years
(Ref. P/N: 111 957 397)

IGNITION SWITCHES

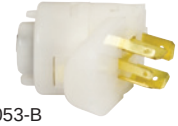
Stock-Style or Universal switches for all applications.

98-2050

98-2053

98-2050 Ignition Switch w/Keys, Type 1 58-67
(Bulk P/N: 111 905 803D)
98-2053 Ignition Switch (Electrical Only), All 68-70
(Bulk P/N: 311 905 865A)
98-9053 Ignition Switch (6 Contact Terminals), Type 1 74-79, Ghia 73-74, Type 2 74-79, Vanagon 80-92, Each
(Bulk P/N: 111 905 865L)
98-9023 Ignition Lock Cylinder, w/Keys, Type 1 68-70, Ghia 68-70, Type 3 68-70, Each
(Bulk P/N: 113 905 853)
98-2051 Ignition Switch w/Keys, Type 2 55-67
(Bulk P/N: 211 905 811C)
98-8703 NEW! Ignition Switch w/Keys, Type 2 71-79
(Bulk P/N: 211 905 855C)
9306 Universal Ignition Switch w/Keys for 6 or 12-Volt Systems

9306


98-9053-B

98-9023-B

98-2051

98-8703
NEW!

IGNITION SWITCH (ELECTRICAL)

This switch is the electrical part of the switch located behind the ignition lock cylinder. Fits Type 1 72-74.

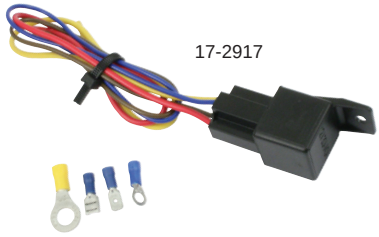
98-9052 Ignition Switch, Type 1 72-74
(Bulk P/N: 111 905 865K)

98-9052

HARD-START RELAY KIT - 12 VOLT

Allows increased juice to the starter by momentarily by-passing the ignition switch. Easy installation.

17-2917 Hard-Start Relay Kit


17-2917

REPLACEMENT TURN SIGNAL SWITCHES

98-9576-B

98-9539

98-9576 Turn Signal Switch, Type 1, 62-67, Ghia,62-67, Black
(Bulk P/N: 141 953 517F) ***Do Not connect dimmer switch wire on early cars***
OEM Type 1 62-65 is ivory in color. EMPI's is black.
98-9539 Turn Signal Switch, Type 1 68-70
(Bulk P/N: 311 953 513B)
98-9537 Turn Signal Switch, Type 1 71
(Bulk P/N: 111 953 513C)
98-9538 Turn Signal Switch, Type 1 72-79
(Bulk P/N: 111 953 513F)
98-8717 NEW! Turn Signal Switch, Type 2 74-79
(Bulk P/N: 211 953 513K)

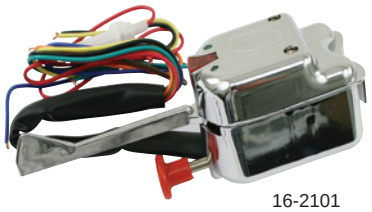
98-9537

98-9538

NEW!
98-8717

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

UNIVERSAL CHROME TURN SIGNAL SWITCH



16-2101

EMPI's Universal Turn Signal Switch has a chrome plated metal housing & arm and includes an emergency flasher switch. Mounts on flat or rounded surfaces and comes with color coded wiring schematic. Six wire construction allows for use on either 1 or 2 tail light bulb configurations. Works on both 6 & 12-Volt systems.
NOTE: L.E.D. lights need additonal electronic flashers and wiring.

16-2101 Universal Turn Signal Switch

TURN SIGNAL FLASHER RELAY

98-8713
NEW!

98-8714
NEW!

98-8713 NEW! Turn Signal Flasher Relay, 12-Volt, 4 Prong, Type 1 68-70
Fits Type 1 68-70, Ghia 68-70, Type 3 68-70, Type 2 68-70 and Thing 73-74
(Bulk P/N: 211 953 215C)

98-8714 NEW! Turn Signal Flasher Relay, 12-Volt, 3 Prong, Type 1 71-79
Fits Type 1 71-79, Ghia 71-74, Type 3 71-73, Type 4 69-74, Type 2 71-79, Thing 73-74 and Vanagon 80-91

(Bulk P/N: 191 953 227A)

INTERIOR LIGHT DOOR CONTACT SWITCH

98-9471
NEW!

This Interior Dome Light Door Contact Switch fits the left door.
Type 1 70-79 and Type 2 68-73.

98-9471 NEW! Interior Light Door Contact Switch, Left Door
(Bulk P/N: 113 947 561E)

EMERGENCY FLASHER SWITCH

98-9575

98-9575 Switch, Emergency Flasher, 7 Prong, S/B 71-72,
Type 1 68-73, Ghia 68-73, Type 2 68-72, Type 3 68-72,
Each
(Bulk P/N: 211 953 235A)

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2 SPEED MOTOR
NEGATIVE GROUND

12 VOLT WIPER MOTOR

17-2807

NEW
NOT REBUILT

17-2807 12 Volt Wiper Motor, Type 1, 72-77, 72 S/B, Boxed
Can only be used with column switch
(Ref P/N: 113 955 113G)

HORNS

Stock replacement horns.

98-2030 6-Volt Horn, Each
(Bulk P/N: 111 951 111H)
98-2031 12-Volt Horn, Each
(Bulk P/N: 111 951 113B)

98-2030

98-2031

PUSH BUTTON STARTER SWITCH

Great for off-road use. Also, can be installed as a remote switch for use when adjusting timing. 12 Volt.

9367 Momentary Push Button Starter Switch, Sealed

9367

SEALED TOGGLE SWITCHES

Heavy duty switches with rubberized coating or our NEW injected-molded hard rubber body - all feature toggle lever boots and provide weather resistance for extreme use. Great for Baja's, Buggies, etc. 20 Amp.

9360 Sealed Toggle Switch, Molded, On/Off

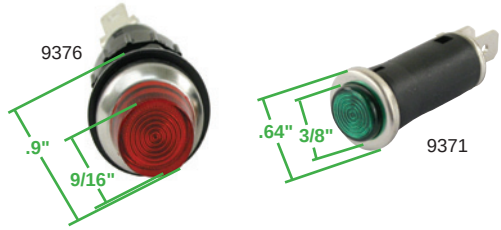
9361 Sealed Toggle Switch, Off/On/On
9362 Sealed Toggle Switch, Molded, Off/On/Momentary-On
9363 Sealed Toggle Switch, On/Off/On (2-Pole)

INDICATOR/WARNING LIGHTS

Universal indicator lights can be used for all accessories. Available in standard with 3/8" lens or larger "Super" size with 9/16" lens and chrome bezel. "Super" bezels have a .900" O.D. and standard bezels have a .640" O.D. Standard size installs into 1/2" holes, "Super" size require a 3/4" hole. 12 Volt, 2 Watt.

9371 Std. Size Indicator Light, Green
9372 Std. Size Indicator Light, Red
9373 Std. Size Indicator Light, Blue
9374 Std. Size Indicator Light, Amber

9375 Super Indicator Light, Green
9376 Super Indicator Light, Red
9377 Super Indicator Light, Blue
9378 Super Indicator Light, Amber



BATTERY ISOLATOR SWITCH & SEAL KIT

Safety and security. Features removable key. The seal kit is a two piece kit that includes one seal for the key shaft and one with a weather tight cap for the switch base. For 6 or 12-Volt systems.

9355 Battery Isolator Switch w/ seal, Set

9355

VDO GAUGES

The gauge that started it all. Great styling with uncompromising VDO quality. The choice of VW enthusiasts. Features flat black face, white numerals and red pointers. Uses electric senders unless otherwise noted. Speedometers are electronic and require an inductive sender to operate. Gauges are 2 1/16" diameter unless otherwise noted.

V350040

V190903

V310039

V301020

VDO COCKPIT SERIES GAUGES

Cockpit series gauges with black face, white numerals and a red pointer.

V150030*	Oil Pressure Gauge, w/ Hardware, Mech., 0-100 PSI
V350040	Oil Pressure Gauge, 0-80 PSI
V350041	Oil Pressure Gauge, 0-150 PSI
V310012	Oil Temp Gauge, 300 Degree
V310039	Water Temp Gauge, 250 Degree
V150052*	Boost Gauge, w/ Hardware, 0-30 PSI
V310953	Pyrometer Kit, w/ Hardware & Sending Unit, 1600 Degree
V190903	Ammeter Gauge, w/ Hardware, 30 AMP
V332041	Voltmeter Gauge, 8-16 Volts
V301015	Fuel Gauge, 10-180 OHMs, Requires Sending Unit P/N: V226001
V301020	Fuel Gauge, 73-10 OHMs, Requires VW Sending Unit or P/N: V221012
V331953	Hour Meter Gauge
V333051	Cockpit Tach, 7,000 RPM, 3 1/8”
V333055	Cockpit Tach, 7,000 RPM. 3 3/8”
V333959	Cockpit Tach, 8,000 RPM, 2 1/16”
V437158	Vision (Flat Edge) Speedometer 140Mph/220Km, 3 15/16"
V437050	Speedometer, 120 MPH, MPH only, 3 1/8” (Use P/N V340020 Inductive Sender or P/N:16-9290 Cable/Transducer Kit, See pages 439 and 440)
V437052	Speedometer, 120 MPH, MPH only, 3 3/8” (Use P/N V340020 Inductive Sender or P/N: 16-9290 Cable/Transducer Kit, See pages 439 and 440)
V437053	Speedometer, 160 MPH, MPH only, 3 3/8”

***Use installation Kit V150851 (6') or V150855 (16') on page 440**

V333959

V333055

V437052

V437158

VDO is changing their gauges from 12 Volt to 12/24 Volt. A change in the illumination circuit was required. 12/24 Volt gauges will feature the same Ground, Illumination Wire (Blue/Red Strip) and a New RED Switched Power Wire that must be connected via your ignition switch to illuminate the gage. This change affects all resistive pressure, temperature, fuel and water level gauges. Voltmeter gauges are not affected. **VDO no longer supplies product with written installation instructions.**

VDO COCKPIT WHITE SERIES GAUGES

Cockpit series gauges with white face, black numerals and a red pointer.

V180208 NEW! Oil Temp Gauge, w/ Hardware & Sending Unit, 120-340F
V350240 Oil Pressure Gauge, 0-80 PSI
V310239 Water Temp. Gauge, 0-250 Degree

V150206 Turbo Boost, w/ Hardware, 25 PSI / 30 InHg
V332241 Voltmeter Gauge, 8-16 Volts
V301216 Fuel Gauge, 10-180 OHMs
(Use Sending Unit P/N: V226001)

V333251 Cockpit Tach, 7000 RPM, 3 1/8”

V350240

V180208 NEW!

V437201 Speedometer, 120MPH, MPH only, 3 1/8”
V437202 Speedometer, 120 MPH, MPH only, 3 3/8”
(Use P/N V340020 Inductive Sender or
P/N 16-9290 Cable/Transducer Kit

V310239

V150206

V333251

V437202

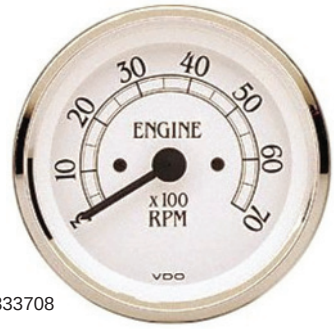
VDO COCKPIT ROYALE SERIES GAUGES

Cockpit series gauges with white face, black classic numerals and a black pointer.

V301733 Fuel Gauge (Must Use P/N V226001 Sender)
V310709 Oil Temp Gauge, 300 degree
V310710 Water Temp Gauge, 250 Degree
V332702 Voltmeter Guage, 8-16 Volts
V350702 Oil Pressure Gauge, 80 PSI

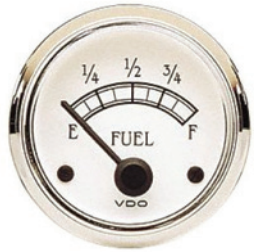
V333707 Tach, 7,000 RPM, 3 1/8”
V333708 Tach, 7,000 RPM, 3 3/8”

V437750 Speedometer, 120 MPH, MPH only, 3 1/8”



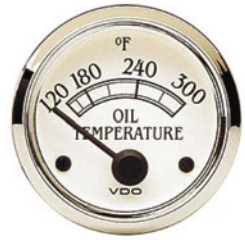
V333708

V310710



V301733

V332702



V310709

VDO is changing their gauges from 12 Volt to 12/24 Volt. A change in the illumination circuit was required. 12/24 Volt gauges will feature the same Ground, Illumination Wire (Blue/Red Strip) and a New RED Switched Power Wire that must be connected via your ignition switch to illuminate the gage. This change affects all resistive pressure, temperature, fuel and water level gauges. Voltmeter gauges are not affected. **VDO no longer supplies product with written installation instructions.**

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

V153003

V153002

VDO MINI SERIES

Compact gauges for monitoring pressure for oil or fuel.

V153002 Mini PSI Gauge, 1 ½" w/1/8" -27 NPT connections.

V153003 Mini PSI Gauge, 1 ½" w/1/8" -27 NPT connections.

VDO CLOCK

V370155 Black Analog Clock, 12V, 2 1⁄16" (52mm) Dia.

NOTE:
VDO changed their gauge illumination to Press-In/Peanut-Style bulbs when they changed to their World Gauge Platform. Older VDO gauges feature old school brass pin-type bulbs.

New Press-In type bulb and sockets as noted in the catalog:
V600815 Bulb
V600813 Socket

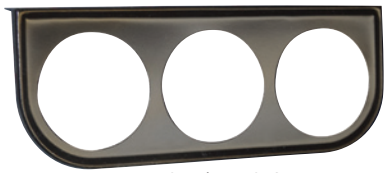
THESE ARE THE EXCEPTIONS - which still have old school bulbs/sockets:
V310953 - Pyrometer
V333959 - Tach

V370155
VDO Clock

VDO is changing their gauges from 12 Volt to 12/24 Volt. A change in the illumination circuit was required. 12/24 Volt gauges will feature the same Ground, Illumination Wire (Blue/Red Strip) and a New RED Switched Power Wire that must be connected via your ignition switch to illuminate the gage. This change affects all resistive pressure, temperature, fuel and water level gauges. Voltmeter gauges are not affected. **VDO no longer supplies product with written installation instructions.**

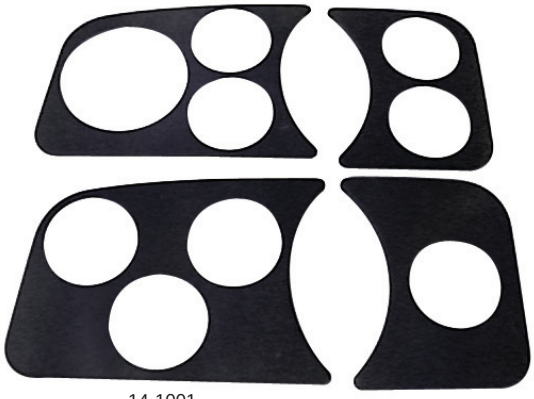
14-1009 / 14-1014

14-1010 / 14-1012


14-1011 / 14-1013

14-1003

14-1007


14-1001

14-1005

EMPI GAUGE MOUNTING ACCESSORIES

Secure mounting guarantees performance for all gauges and tachometers while adding a clean look for all applications.

14-1014	Metal Mount Brkt, Chrome, 2 1/16", 1 Hole
14-1009	Metal Mount Brkt, Black, 2 1/16", 1 Hole
14-1012	Metal Mount Brkt, Chrome, 2 1/16", 2 Hole
14-1010	Metal Mount Brkt, Black, 2 1/16", 2 Hole
14-1013	Metal Mount Brkt, Chrome, 2 1/16", 3 Hole
14-1011	Metal Mount Brkt, Black, 2 1/16", 3 Hole

EMPI GAUGE READY DASH PANELS

Dash panels are made to accept gauges and tachs. Choose black or chrome. For all 2 1/16" gauges and 3 1/8" tachs.

14-1005	1 Gauge Hole Panel, Black
14-1006	1 Gauge Hole Panel, Chrome
14-1003	2 Gauge/1 Tach Hole Panel, Black
14-1004	2 Gauge/1 Tach Hole Panel, Chrome
14-1007	2 Gauge Hole Panel, Black
14-1008	2 Gauge Hole Panel, Chrome
14-1001	3 Gauge Hole Panel, Black
14-1002	3 Gauge Hole Panel, Chrome

VDO GAUGE MOUNTING ACCESSORIES

Secure mounting guarantees performance for all gauges and tachometers while adding a clean look for all applications.

V240101	Mount Cup, 2 1/16" w/Long Housing, 2 pcs
V600401	Stud Mount Conversion Kit, 3 1/8"
V600402	Stud Mount Conversion Kit, 2 1/16"
V240864	Gauge Hole Cover, 2 1/16”
V240005	Anti-Glare Ring, 2 1/16”, Pack of 2

V240864

V240005

V600401

V240101

VDO BULBS & SOCKETS

V600802	Bulb, 9/32" 12V/2W, 4 pcs.
V600816	Socket for V600802, Steel, Each
V600804	Bulb, 11/32" 12V/2W, 4 pcs.
V600819	Socket for V600804, Each
V600809	Bulb, Peanut Style, 4 pcs.
V600815	Bulb, Large Peanut Style, 4 pcs.
V600840	Insulated Bulb Socket, Peanut Style, Each

V600802

V600809

V600804

V600819

V600816

V600840

V600815

VDO LIGHT DIFFUSERS

The easy and convenient way to change the lighting color in your VDO gauge. Simply slips over the light bulb to give your dash a whole new color at night.

V600853	Light Diffuser – Red, 9/32, (4 pcs)
V600856	Light Diffuser – Green, 9/32”, (4 pcs)
V600857	Light Diffuser – Red, 11/32”, (4 pcs)
V600859	Light Diffuser – Red, Peanut, (4 pcs)
V600860	Light Diffuser – Green, Peanut, (4 pcs)

ELECTRIC SPEEDO TO CABLE CONVERSION KIT

This kit allows you to hook up an electronic speedometer into a Type 1 sedan without modifying your drums or rotors. The custom designed cable utilizes the O.E.M. dust cap hole with an inductive sensor on the opposite end, which can be easily wired to your electronic speedometer.

16-9290	Electric Speedo to Cable Conversion Kit

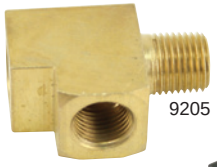
16-9290

DUST BOOT

98-9809-B	Dust Boot, Speedometer Cable, Type 1 61-77, Ghia 56-74, Each (Ref. P/N: 111 957 861)

98-9809-B

WARNING: These products can expose you to chemicals including Lead, Benzene, etc., which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.


9205

BRASS "T" FITTING / ADAPTER

9205 Brass T Fitting/Adapter (1/8"), For Gauges, Each

V240026

VDO WIRING KITS & ADAPTERS

All the necessary hardware to complete your gauge installations.

V240023

V240026 Push-On Connector Kit, 3 Prong
V240021 Wiring Kit for Ammeter

V240021

VDO SENDERS & ADAPTERS

V323088

V323055

V360001

V323701

V360006

V226001

V221012

V226451

V340020

V323055 Temp Sender 300 Degree, M14-1.5 (VW Drain Plug)
V323056 Temp Sender 300 Degree, M16-1.5
V323064 Temp Sender 300 Degree, M18-1.5 (Oil Press. Relief)
V323423 Temp Sender 300 Degree, M10-1.0

V323057 Temp Sender 300 Degree, 1/8" - 27 NPT
V323058 Temp Sender 300 Degree, 1/4" - 18 NPT

V323088 Temp Sender 250 Degree, M10-1.0
V323095 Temp Sender 250 Degree, 1/8" - 27 NPT

V323701 Temp Sender, 14mm, for V310901, Head Wire 16' Long (Head Temp., Under Spark Plug)

V360001 Oil Press Sender 80 PSI, M10-1.0, 1 Pole
V360006 Oil Press Sender 80 PSI, M10-1.0, 2 Pole
V360003 Oil Press Sender 80 PSI, 1/8" - 27 NPT, 1 Pole
V360009 Oil Press Sender 80 PSI, 1/8" - 27 NPT, 2 Pole

V360015 Oil Press Sender 150 PSI, M10-1.0, 1 Pole
V360023 Oil Press Sender 150 PSI, M10-1.0, 2 Pole
V360025 Oil Press Sender 150 PSI, 1/8" - 27 NPT, 2 Pole

V150851 Tubing Kit, 6' Long
V150855 Tubing Kit, 16' Long

V221012 Fuel Tank Sender, VW
(See page 168 for P/N 98-2021-0 non-VDO Brand)
V226001 Fuel Tank Sender, Universal (5-Bolt Pattern)
(10 OHMs Empty, 180 OHMs Full) Adjustable 6" - 23"

V226451 Mount Kit for V226001

V340020

SHOW BARS

Fully jig-welded for precision fit, these show bars are available in 4 point and made from 2" O.D. tubing or 6 Point made from 1 1/2" O.D. tubing. Fits all Type 1 except Convertible. **(Not for competition use) Shipped by Truck only.**

3116 Show Bars, 4 Point - Bolt-In or Weld-In, .1025" Wall Thickness, (Raw)
3119 Show Bars, 6 Point - Weld-In, .095" Wall Thickness, (Raw)

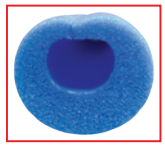
SHOW BAR - UNASSEMBLED

4 point show bar, made from 2" O.D. tubing. This knock-down version was designed so the unit can be shipped in a carton via UPS. Welding all parts together is required. Once welded and assembled, it will look like the 3116 unit shown above.
Fits all Type 1 except Convertible. **(Not for competition use)**

3134 NEW! Show Bars, 4 Point, .1025" Wall Thickness, (Raw) UPS+

OFFSET HOLE - COLORED SHOW BAR PADDING

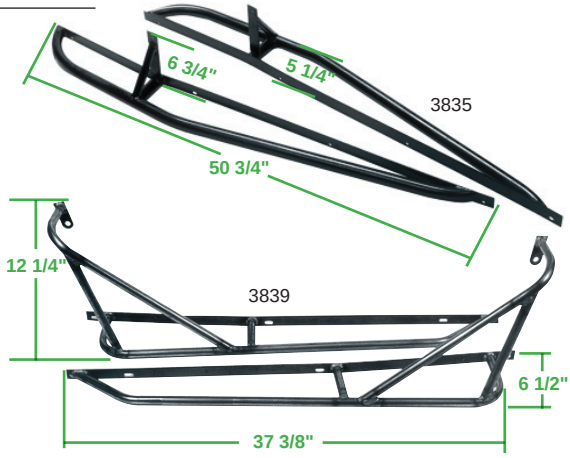
Offset hole location allows padding to be positioned to provide more protection for driver/passengers. Manufactured in pre-cut 3 foot lengths with 1 1/2" I.D. **(10 pieces per bulk box, priced per box). (Ordering 1 = 10 pcs.).**



16-2096 Roll Bar Pad, Black, 10-Piece Box
16-2092 Roll Bar Pad, Blue, 10-Piece Box

BAJA SIDE BARS

Replaces running boards and offers side protection from rocks and brush. Available in low mount and high mount versions. The top mounting point of the high mount version is approximately half way up the quarter panel for added strength. Comes unpainted, ready to prime and paint. Fits all Type 1.



LOW MOUNT

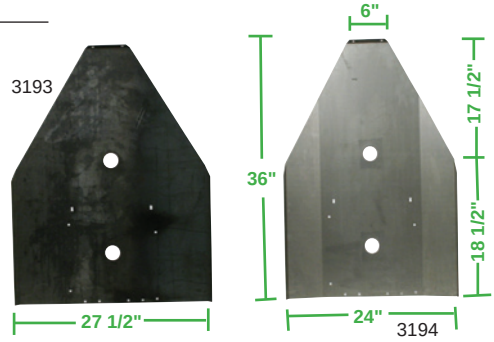
3835 Low Mount Baja Bars, 1 1/4" Tube, (Raw), Pair UPS+

HIGH MOUNT

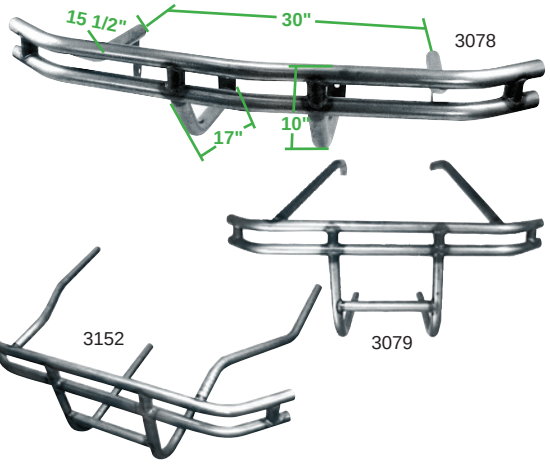
3839 High Mount Baja Bars, 3/4" Tube, (Raw), Pair UPS+

OFF-ROAD SKID PLATES

Bug or Buggy - save your engine and trans from damage from the "Big Chunks". Made from heavy gauge steel and includes mounting hardware.



3193 Universal Baja Bug Skid Plate
(Fits with Stock Heater Boxes) UPS +
3194 Univ. Buggy Skid Plate
(Must Use Off-road Exhaust System) UPS +



DOUBLE TUBE BAJA BUMPERS

Feature the added protection and good looks of double 1 1/2" steel tubes. Fits all Type 1 except S/B. Comes complete with hardware.

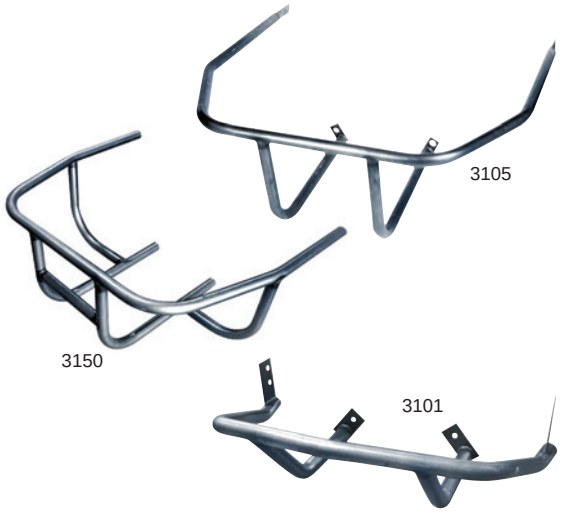
FRONT BUMPER

3078 Double Tube Bumper, Front (Raw) UPS+

REAR BUMPER

3079 Double Tube Bumper, Rear, Fire Wall Mount (Raw)
Shipped by Truck Only

3152 Double Tube Bumper, Rear, Shock Tower Mount (Raw)
Shipped by Truck Only



BAJA BUMPERS

Protect your Baja's exposed nose and engine from damage with 1 1/2" steel tube bumpers. Fits all Type 1 except S/B. Comes complete with hardware.

3101 Baja Bumper, Front, Fits Wide & Bug Eye (Raw) UPS+

3105 Baja Bumper, Rear, Shock Tower Mount (Raw)
Shipped by Truck Only

3150 H.D. Baja Bumper, Rear, Shock Tower Mount (Raw)
Shipped by Truck Only

BAJA REAR BUMPERS - UNASSEMBLED

These knock-down 1 1/2" steel tubing bumpers were designed so they could be shipped in a carton via UPS. Welding all the parts together is required. Once the 3135 is assembled, it will look like our 3105 bumper. Once the 3136 is assembled, it will look like our 3152 bumper. Comes complete with hardware.

3135 NEW! Baja Bumper, Rear, Shock Tower Mount, (Raw) UPS+

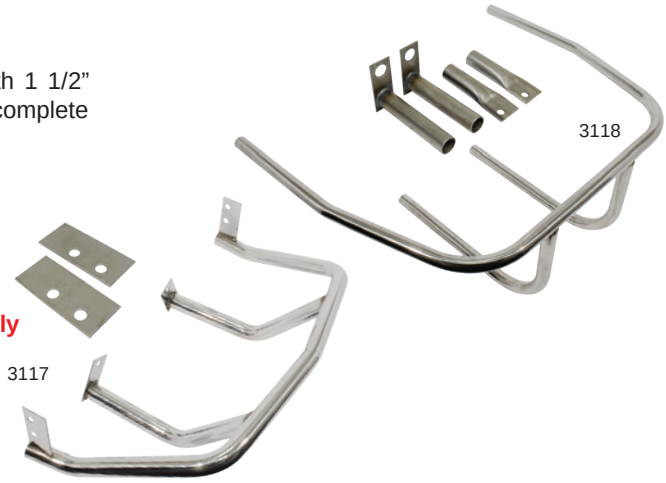
3136 NEW! Double Tube Bumper, Rear, Shock Tower Mount, (Raw) UPS+

STAINLESS STEEL BAJA BUMPERS

Protect your Baja's exposed nose and engine from damage with 1 1/2" stainless steel tube bumpers. Fits all Type 1 except S/B. Comes complete with hardware. **Hardware is not Stainless Steel.**

3117 Stainless Steel Baja Bumpers, Front UPS+
Fits Wide & Bug Eye

3118 Stainless Steel Baja Bumper, Rear,
Shock Tower Mount, **Shipped by Truck Only**

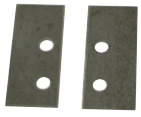


BAJA BUMPER HARDWARE

Replacement hardware fits all of our 1 1/2" tube bumpers. Weld on flanges for custom applications. All items are raw steel.

3841 Bumper Flange, 1 1/2" Tube, Pair
3841-7 Bulk Bumper Flange, 1 1/2" Tube, Each

3837 Hardware Only, Firewall Mount, 4 pcs.
3838 Hardware Only, Shock Mount, 4 pcs.
3840 Hardware Only, Front Bumpers, 2 pcs.



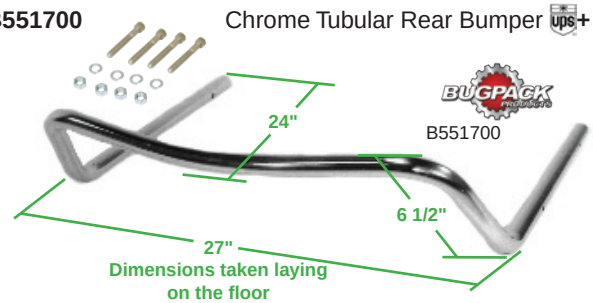
CHROME TUBULAR BUMPERS

Designed for Baja Bugs and Dune Buggies to give excellent protection with an off-road look in a quality chrome finish. Separate kits, for front and rear installation. Each kit includes hardware.

3108 Chrome Buggy King Pin Front Bumper

3109 Chrome Buggy Ball Joint Front Bumper

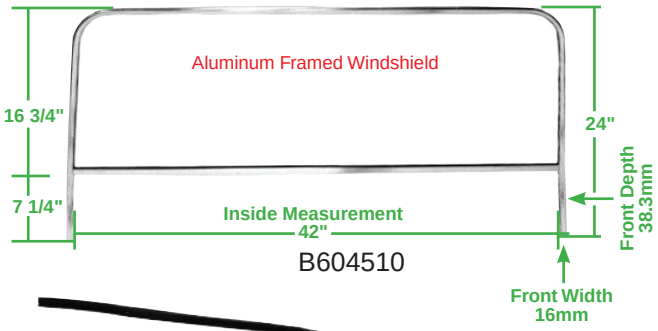
B551700 Chrome Tubular Rear Bumper UPS+



UPPER & LOWER FRONT END SUPPORTS

Help eliminate bent front beams with these supports. Upper Supports bolt to beam and body while Lower Supports bolt from beam to pan. Made from heavy wall steel tubing. Fits all Type 1 except S/B. Pan modification is necessary.

3842 Lower Front End Supports, Raw, Pair
3843 Upper Front End Supports, Raw, Pair



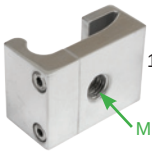
BUGPACK DUNE BUGGY WINDSHIELDS

Without question we manufacture the finest Dune Buggy windshields. All frames are a polished and anodized aluminum extrusion to provide custom looks and strength. Windshield frames slide over the top of the dash. The dimension given is the size of the opening to fit the dash. Frames only have a low and high dimension because you can have your own glass made which would then allow you to draw in the frame slightly. Frames can be ordered without AS-1 safety glass if local installation is available. Kits include mounting rubber, glazing vinyl and bottom brace.

B604510		Windshield W/16" Glass, 42" Frame **Shipped by Truck Only.**
B604511		Windshield W/16" Glass, 42 1/4" Frame **Shipped by Truck Only.**
B604512		Windshield W/16" Glass, 43 3/4" Frame **Shipped by Truck Only.**
B604711		Windshield Frame Only, 41 3/4-42 1/2" **Shipped by Truck Only.**
B604712		Windshield Frame Only, 43 1/2-43 3/4" **Shipped by Truck Only.**
18-1105	NEW!	Windshield Mounting Kit
18-1104	NEW!	Billet Aluminum Mirror Mount, Each

This polished aluminum mirror mount attaches to the dune buggy windshield frame. The thread for the mirror is M10 x 1.25, sold each.

NEW! 18-1105



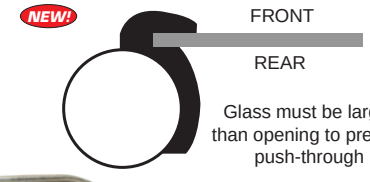
18-1057

18-1058

REPLACEMENT PARTS FOR WINDSHIELD KITS

18-1057	Replacement Seal for Windshield, 10ft
18-1058	Replacement Bottom Seal for Windshield, 44 inch

B604900 RUBBER PROFILE



BUGPACK CHASSIS WINDSHIELD RUBBER

When installing a windshield on a tubular chassis use this weatherproof glazing rubber. Designed to contour the tubing and firmly hold glass up to 3/8" thick. Convert your off road chassis to an all weather or street legal vehicle with this kit. Comes in a 12 foot one piece length for custom installation.

B604900	NEW!	Windshield Rubber for Chassis, 12 Ft.

FUEL FILLER / GAS COVER

Flange with flush screw-in cover for access to internal fuel fillers. Made of high impact black plastic. Mounts on flat surfaces.

16-6032 Flush Mount Access Flange & Cover

PULLEY GUARDS

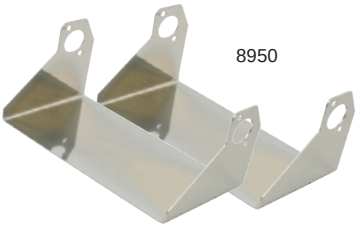
Protect your pulley and belt from the "Big Chunks". Also avoid injury due to accidental contact when engine is running. Choose from two styles made of heavy gauge steel and chrome plated. Includes mounting hardware.

8665 Chrome Pulley Guard, Louvered
9136 Chrome Pulley Guard, Mesh

CHROME PUSH ROD TUBE PROTECTORS

Chrome plated steel protectors look good and protect push rod tubes against engine damage from rocks and debris.

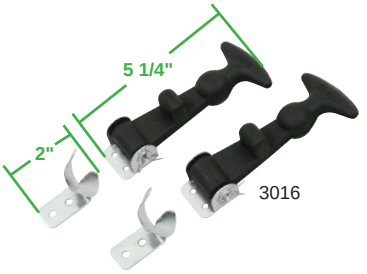
8950 Chrome P/R Tube Protectors, Boxed, Pair



RUBBER HOOD HOLD-DOWNS

Strong black synthetic rubber latches are self-aligning, rattle free and feature plated steel hardware. A must for your Baja Bug.

3016 Rubber Hood Hold-Downs, Pair



CHROME HOOD HOLD DOWNS

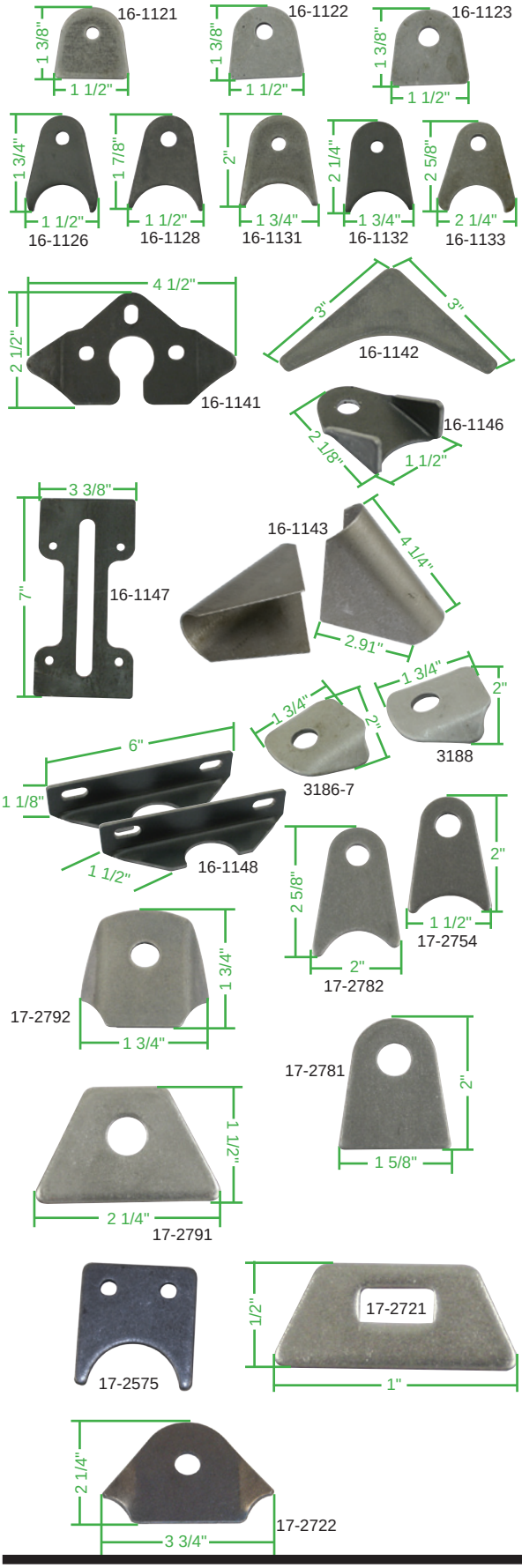
Chrome Steel, spring-loaded hood hold downs for securing your 1-Piece front end. Also great for other body panels, tool boxes, trailer ramps and other applications.

3011 Chrome Hood Hold Downs, Pair

BAJA HOOD PIN KITS

Chrome hold-down with "Pit Pins" holds any hood or deck lid.

3017 Hood Pin Kit w/Lanyards, Pair



UNIVERSAL TABS, MOUNTS & BRACKETS

Fabrication is a whole lot easier when you can just pick up a pre-made piece and weld it in place. EMPI now offers a large selection of items to help you out when you're setting up a new chassis or just re-working an old one. (All items are raw). The radius on all tabs is made to accommodate 1 1/2" tubing.

16-1121	Flat Mount Tab, 1/4" Hole, Set of 4
16-1122	Flat Mount Tab, 5/16" Hole, Set of 4
16-1123	Flat Mount Tab, 3/8" Hole, Set of 4
16-1126	1" Tube Tab, 1/4" Hole, Set of 4
16-1128	1 1/4" Tube Tab, 5/16" Hole, Set of 4
16-1131	1 1/2" Tube Tab, 5/16" Hole, Short, Set of 4
16-1132	1 1/2" Tube Tab, 5/16" Hole, Long, Set of 4
16-1133	1 1/2" Tube Shock Mount Tab, 7/16" Hole, Set of 4
16-1141	Oil Filter Adapter Mount, Each
16-1142	90 Degree Flat Gusset, Set of 4
16-1143	90 Degree Formed Gusset, Set of 4
16-1146	90 Degree Formed Mount Tab, 3/8" Hole, Set of 4
16-1148	Aluminum Gas Tank Mounts, Fits 8" or 10", Pair
16-1147	Pedal Mount Bracket, Fits EMPI, CNC, Each
3186	Universal Mounting Tab, 3/8" Hole, Set of 4
3186-7	Bulk Universal Mounting Tab, 3/8" Hole, Each
3189	Universal Mounting Tab, 1/2" Hole, Set of 4
3188	Bulk Universal Mounting Tab, 1/2" Hole, Each

Note: Most flanges are available in bulk. Ask your sales person for assistance.

CHROMOLY SEAT TAB

Radiused for 1 1/2" tubing. These chromoly tabs make mounting suspension seats easy. Available in tall and standard heights to elevate the front of the seat.

17-2754	Chromoly Tab, Seat Mount Standard, **Pair**
17-2782	Chromoly Tab, Seat Mount Tall, **Pair**

FORMED CHASSIS TABS

These tabs are a fabricators most popular choice. Available with 3/8" or 1/2" holes.

17-2792	Chromoly Tab, 3/8", **Set of 4**
17-2793	Chromoly Tab, 1/2", **Set of 4**

CHROMOLY SEAT BELT TAB

The chromoly material makes bolting that seat belt set that much stronger.

17-2781	Chromoly Tab, Seat Belt, **Set of 4**

SEAT OR BELT MOUNTING TAB

A universal design used to mount mostly seats or seat belts. This tab can be used almost anywhere. Available in mild steel or chromoly. Set of 4.

17-2720	Tab, Seat Belt, Mild Steel, **Set of 4**
17-2791	Tab, Seat Belt, Chromoly, **Set of 4**

UNIVERSAL TAB

That's right. Look at this little beauty. A tab that you can weld onto your chassis and zip tie your wires and lines to. No more black zip ties going all the way around the tubes. These take the detail of your vehicle to the next level. Set of 4.

17-2721	Universal Tab, **Set of 4**
17-2575	Universal Mounting Tab for Reservoirs, Raw, Each

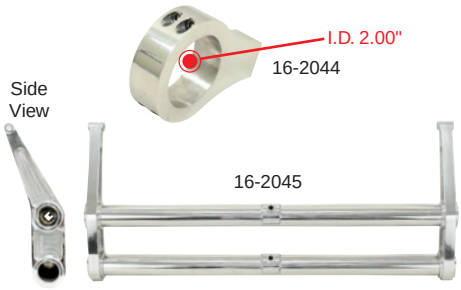
LARGE OFF ROAD LIGHT / WHIP TAB

Extra wide tab works well when mounting lights or whips.

17-2722	Tab, Large, **Set of 4**

EMPI ALUMINUM LINK PIN AXLE BEAM

Polished Aluminum Link Pin beam is lightweight and attractive for all Sand Buggy applications. Available with or without shock towers. (Not for Sedans or Heavier Buggies). To use a stock steering damper, use EMPI's new Billet Aluminum Steering Damper Mount. **Urethane bushings: For 16-2045 use 16-5139 and for 16-2046 use B658411. These bushings are listed on pages 239, 248 and 449.**



16-2045 EMPI Aluminum Link Pin Beam, w/Shock Towers

16-2044 Aluminum Billet Steering Damper Mount

FRONT END CLAMPS

Mount a VW front beam to a tube chassis with our Front End Clamps. Made from heavy duty stamped steel. Choose chrome plated for that custom look or raw for fabrication. Also use these to mount aluminum beam and baja tube bumpers.

3162 Chrome Axle Beam Clamp Kit, 4 pcs.
3162-7 Bulk Chrome Axle Beam Clamp, Each

3161 Raw Axle Beam Clamp Kit, 8 pcs., Includes Hardware
3161-7 Bulk Raw Axle Beam Clamp, Each

BRAKE LINE TAB

For the chassis fabricator building that next project.

17-2716 Tab, Brake Lines, Pair

90 DEGREE CHASSIS GUSSET

Add extra strength to chassis corners, uprights and roll cages.

17-2723 Gusset, 90 Degree, .115" Thick, **Set of 4**
16-1143 Gusset, 90 Degree, .078" Thick, **Set of 4**

SHOCK RESERVOIR BRACKET

This weld-on bracket replaces the old urethane and hose clamp method. Sold as pairs. For 2.0" Reservoirs.

17-2719 Bracket, Shock Reservoir, Pair

STAINLESS STEEL LINE CLAMPS

These stainless steel clamps put the finishing touch on those clutch and brake line installations. Available for 3/16" or 1/4" line. Set of 4.

17-2717 Stainless Steel Clamp, 3/16" Line, **Set of 4**
17-2718 Stainless Steel Clamp, 1/4" Line, **Set of 4**

QUICK RELEASE FASTENERS

These are the fasteners that are used to hold supersonic airplanes and bullet trains together. Designed for quick removal and replacement of panels and body parts. (Buttons are for 5/8" installed height).

16-8230	Self-Ejecting Button Only, 5/16" x .450" Grip, Each
16-8232	Self Ejecting Button Only, 20 pcs.
16-8231	Fastener Tab w/Spring, Each
16-8233	Fastener Tab w/Spring, 20 pcs.
17-2841	Fastener Tab, Flat w/5/16"-24 Nutplate, Each
17-2842	Fastener Tab, Formed w/5/16"-24Nutplate, Each
17-2843	Fastener Tab, Formed w/3/8"-24 Nutplate, Each
17-2850	Fastener Tab, Formed, Lightened, Each
17-2851	Fastener Tab, Flat, Short, Each
17-2852	Fastener Tab, Flat Long, Each
17-2845	Button Stud, Short Non-Ejecting 13/32" x .550" Grip, Each
17-2846	Button Stud, Long Non-Ejecting 13/32" x .600" Grip, Each
17-2847	Wing-Nut, Non-Ejecting, Each
17-2849	Spring Only for Tabs (1"), Each
17-2853	Spring Only for Tabs (1.4"), Each

Note: Available in Bulk. Ask your Sales Person for Assistance.

LONG TRAVEL SHOCK TOWER KIT

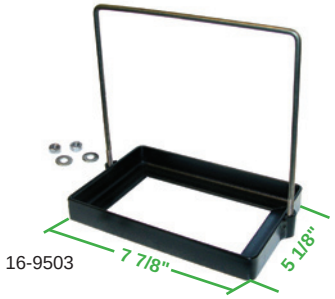
Use EMPI's pre-cut components to convert the stock VW Link Pin axle beam to an off road high-jumping long travel set up. Use with shocks with at least 10" shaft travel. Fabrication and welding required.
(P/N: 97-1014 KYB KG5530 shock is recommended for this application)

17-2646	Long Travel Shock Tower Kit (10") for Link Pin, Set, Raw

BEAM MOUNTING BRACKETS

Steel mounting brackets for installing a beam front end to a chassis or frame head. Fits all aftermarket beams, or stock king-pin beam. **MUST BE WELDED**

17-2648	Beam Mounting Brackets, Pair



BATTERY BOX

16-9503	Battery Box, 5 1/8" x 7 7/8", Weld onto Frame, Fits Smaller Batteries, Complete with Hardware

URETHANE BUSHINGS, COUPLERS & STOPS

The strength and durability of Urethane will out-last and out-perform standard rubber products in every application. From Shift Couplers to Bump Stops, install Urethane and never look back! All Urethane is red in color except where noted. See page 248 for dimensions.

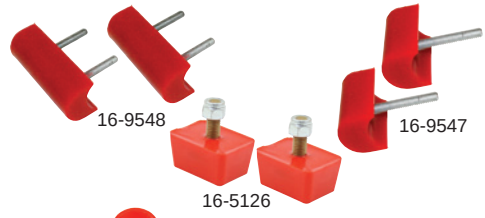
16-5107 Urethane Control Arm Bushing Kit - S/B 71-73 (15-Piece Kit)
16-5108 Urethane Control Arm Bushing Kit - S/B 74-79 (15-Piece Kit)

16-5109 Urethane Snubber - Link Pin, Pair

16-5122 Urethane I.R.S. A-Arm Pivot Bushings, Pair

16-5123 Urethane Round Stacked Bump Stop, Pair
16-5125 Urethane Rear Snubber - All Bugs, Pair

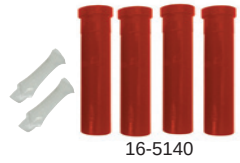
16-9547 Urethane Shaped Bump Stop 2" Long for 1 1/2" Tube, Pair
16-9548 Urethane Shaped Bump Stop 4" Long for 1 1/2" Tube, Pair
16-5126 Urethane Square Bump Stop 1 7/8" x 1 3/8", Pair



16-5136 Urethane Axle Beam Bushing Kit, **Outer,** for King & Link w/Micarta Bushings, 4 pcs.

16-5137 Urethane Axle Beam Bushing Kit, **Outer,** for King & Link Pin w/Bearings, 4 pcs.

16-5140 Urethane Axle Beam Bushing Kit, **Inner & Outer,** for King & Link Pin w/Bearings, 4 pcs.



16-5139 Urethane Axle Beam Bushing Kit, **Inner & Outer,** for King & Link Pin w/Micarta Bushings, 4 pcs.

16-5141 Urethane Axle Beam Bushing Kit, **Outer,** for Ball Joints, 4 pcs.
16-5142 Urethane Axle Beam Bushing Kit, **Inner & Outer,** for Ball Joint, 4 pcs.

16-5143 Urethane Axle Beam Bushing Kit, for Aluminum Beam w/45mm Tubes, 4 pcs.

16-5144 Urethane Axle Beam Bushing Kit, for Steel Beam 2.000" Tube/.120 Wall, 4 pcs.

16-5138 Urethane Axle Beam Tube Seals, Type 1 w/King & Link Pin, 4 pcs.
16-5145 Urethane Axle Beam Tube Seals, Type 1 w/Ball Joint, 4 pcs.
16-5146 Urethane Axle Beam Bushing Kit, for any of our Off-Road Axle Beams, 4 pcs.

17-2555

CHROMOLY LINK PINS

4140 Chromoly link pins for heavy duty forged trailing arms. Available in 5/8" (17.9mm) O.D. and 7/8" (22.2mm) O.D. Set of 4.

17-2799	Chromoly Link Pins 5/8" (17.9mm), Set of 4 Smooth Area 82.6mm, Overall Length 116.70mm
17-2555	Chromoly Link Pins 7/8" (22.2mm), Set of 4 Smooth Area 92.8mm, Overall Length 125.00mm

3166

LINK PIN SPINDLE GUSSET KIT

Strengthen your stock Link Pin spindles with these gussets/supports. The 4 piece kit includes two gussets that weld to the spindle carriers and two that weld to the spindles to triangulate the tie rod arms. This helps these stock components withstand the extra stresses of off-road driving. Welding required.

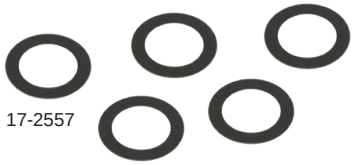
3166	Link Pin Spindle Gusset Kit, 4 pcs., Raw

17-2554

LINK PINS FOR MULTI-SHOCK TRAILING ARMS

These extended link pins are designed to accommodate front trailing arms set up for Multi-Shocks.

17-2554	Multi-Shock Link Pins, Pair


17-2557

LINK PIN SHIMS

Link pin shims for 5/8" (17.9mm) and 7/8" (22.2mm) link pins.

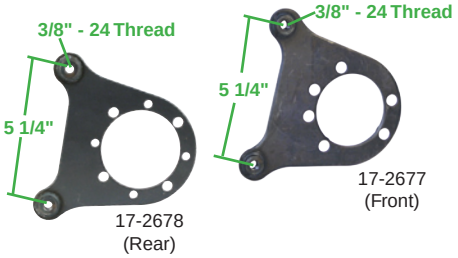
17-2758	Shims, Link Pin 5/8" (17.9mm), Set of 5
17-2557	Shims, Link Pin 7/8" (22.2mm), Set of 5

17-2556

LINK PIN BUSHINGS

Link pin bushings for 45/64" (17.9mm) and 7/8" (22.2mm) link pins. **(Press In)**

17-2757	Bushings, Link Pin 45/64" (17.9mm), Set of 4
17-2556	Bushings, Link Pin 7/8" (22.2mm), Set of 4



4 PISTON CALIPER BRACKETS

Install the popular 4 piston calipers on front and rear axles. Bolt patterns are 5 1/4" on center. 3/8"-24 threaded mounting holes. Can be used with EMPI P/N # 16-2525-7 Calipers.

17-2677	Caliper Bracket, Front, VW Ball Joint Spindles, Left / Right, Ea.
17-2678	Caliper Bracket, Rear, VW Swing Axle and IRS, Each

LINK PIN DISC BRAKE BRACKET

Allows you to put OE calipers on a link pin spindle. M10 x 1.5 thread.

17-2753	Bracket, Disc Brake Link Pin, Each

17-2679

2 PISTON CALIPER BRACKET

This bracket allows you to use the VW OEM 2 piston caliper or EMPI P/N 98-1150-B Caliper. These must be fabricated to fit your desired application. M10 x 1.5 thread. **Must be welded on.**

17-2679	OEM Caliper Bracket, Pair

EMPI FORGED H.D. KING PIN SPINDLE KIT

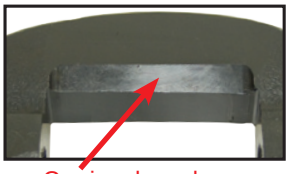
Complete Spindle, Knuckle and Pin set with beefed up Forged spindles. Gussets forged into the spindle and steering arm for added strength. Great for your Baja or Buggy. FORGED Gussets built into the spindle and steering arm. Gussets on the knuckles have been machined for steering clearance. Grease fittings are installed. The speedometer cable passes through a hole that is in the left side spindle. Set up for stock link pins.

22-2976 FORGED H.D. King Pin Spindle Kit

22-2977 NEW! FORGED H.D. Link / King Pin Carriers Only, Pair

22-2976
(Kit)

22-2977
(Pair) NEW!



Carriers have been machined for steering clearance. This increases the steering angles.

NEW DESIGN

SPINDLE NUTS

98-4051 NEW! Spindle Nut Kit, Left & Right, 27mm Hex, M18 x 1.5 (LH & RH) Thread, Lock Plates

98-4051-B Spindle Nut, Left, 27mm Hex, M18 x 1.5 (LH) Thread, Ea
(Ref. P/N: 111 405 671)

98-4052-B Spindle Nut, Right, 27mm Hex, M18 x 1.5 (RH) Thread, Ea
(Ref. P/N: 111 405 672)

98-4051 NEW!
(Kit)

ALUMINUM LINK PIN CLAMP NUTS

Machined Aluminum nuts for all Link Pin front spindles.

9616 Aluminum Link Pin Clamp Nuts, Pair

9616

KING PIN CONVERSION BEARINGS

Allows you to install ball joint rotors onto King Pin Spindles.
Requires new seals, P/N 98-1156-B

17-2795 King Pin Conversion Bearing, Inner, Each
O.D. = 1.980", I.D. = .9845"

17-2796 King Pin Conversion Bearing, Outer, Each
O.D. = 1.570", I.D. = .7875"

98-1156-B Front Wheel Seal
(Ref. P/N: 321 501 641)

17-2795

17-2796

98-1156-B

COMBO SPINDLE BEARINGS

17-2797 Combo Spindle Bearing, Inner, Each
O.D. = 2.4414", I.D. = 1.2502" (Race Ref. #15243)

17-2798 Combo Spindle Bearing, Outer, Each
O.D. = 2.047", I.D. = 1.0002" (Race Ref. #07204)

98-5021-B Rear Wheel Seal
(Ref. P/N: 113 501 315H)

17-2797

17-2798

98-5021-B

SHOCK BOSS / SHOCK BOLT

For fabricating shock mounts. Comes in 1/2" or 12mm x 1.5 bolt sizes. Threaded or unthreaded.

17-2712	Shock Boss, Unthreaded 1/2", 1 3/4" Long, Each
17-2713	Shock Boss, Unthreaded 12mm, 1 3/4" Long, Each
17-2714	Shock Boss, Threaded 12mm, 2" Long, Each
17-2715	Shock Boss, Threaded 1/2", 2" Long, Each
18-1040	Shock Bolt w/ Nut, 12mm x 1.5, 100mm Long, 2 pcs.

MISALIGNMENT SHIM FOR HEIM ENDS

Stainless steel adapter for Heim end alignment and offset.
3/4" OD x 5/8" ID x 1/2".

17-2645	S/S Misalignment Shim, Heim end, Each

HEAVY DUTY TIE ROD ENDS

Ford Tie Rod Ends have Zerk Fitting on the back (pictured).

17-2591	Tie Rod End Ford, Left Hand 3/4" - 16 Thread Shank, Each
17-2592	Tie Rod End Ford, Right Hand 3/4" - 16 Thread Shank, Each

POLISHED STAINLESS STEEL HEAVY DUTY TIE ROD ENDS

17-2595	S/S Tie Rod End I.H., Left Hand 3/4" - 16 Thread Shank, Each

CHROME STEERING ARMS

Chrome steering arms to connect tie rods to VW steering boxes.

17-2565	Steering Arm, Chrome, Large Shaft, Small Tie Rod End, 46-65, Each
17-2566	Steering Arm, Chrome, Small Shaft, Small Tie Rod End, 66-68, Each
17-2567	Steering Arm, Chrome, Small Shaft, Large Tie Rod End, 69-77, Each

HEAVY DUTY AXLE BEAM THRU RODS

A proven off road design that eliminates torsion leaf springs and replaces them with steel rods allowing you to use coil-over shocks. Must be used with P/N 17-2548 clamps.

17-2545	Thru Rod, Stock Width Beam, Pair, 40.5" Long, Boxed
17-2546	Thru Rod, 5" and 6" Wider Beam, Pair, 46.5" Long, Boxed
17-2547	Thru Rod, 8" Wider Beam, Pair, 48.75" Long, Boxed

THRU ROD CLAMPS

Must be used when using P/N 17-2545, 17-2546, and 17-2547 beam thru rods. These clamps thread onto the ends of the rods and tighten with a set screw, securing the rods in place. Sold in sets of 4.

17-2548	Clamp, Thru Rod, Set of 4

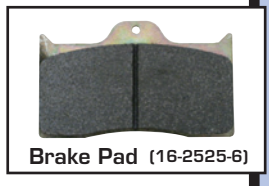
RACE-TRIM MICRO STUB BRAKE KITS

State of the art suspension is just one step away! Micro-stub brake systems are necessary if you are going to use a rear suspension that is different from a VW style trailing arm arrangement. This Race-Trim kit utilizes the best of the best in both components and materials used. 4-piston fixed brake calipers, vented rotors, forged chromoly stub axles, forged hub assemblies, 6061 T-6 aluminum alloy rotor hats & wheel adapters. This combination gives you the winning edge, whether it's for racing or just an all out turbo long-travel sand car! Kits come complete ready for fab-in installation and are sold as a set. In addition we also offer a Micro-Arm flange tube to facilitate installation of the Race-Trim Micro Stub brake kit to a tubular trailing arm. Bolt pattern is 5 on 205.

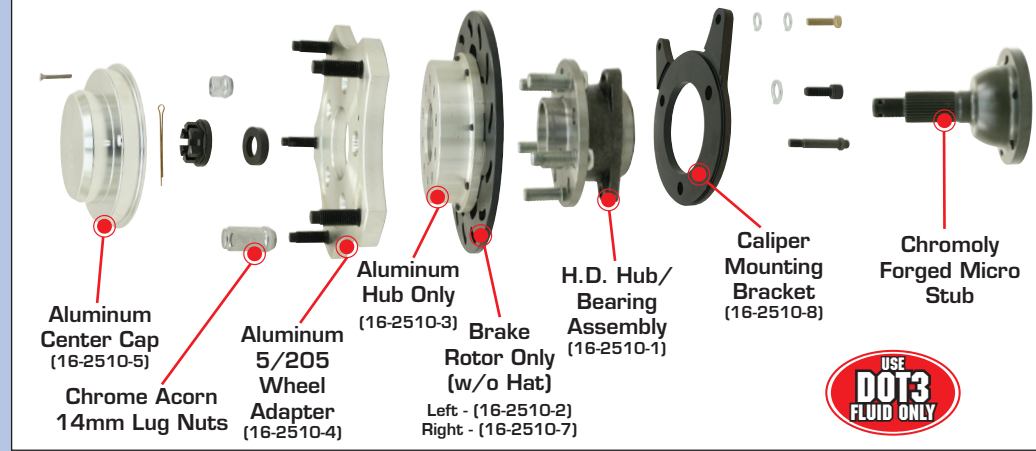
16-2510 Race-Trim Micro Stub Brake Kit, for 930 C.V. Joints
16-2511 Race-Trim Micro Stub Brake Kit, for 934 C.V. Joints

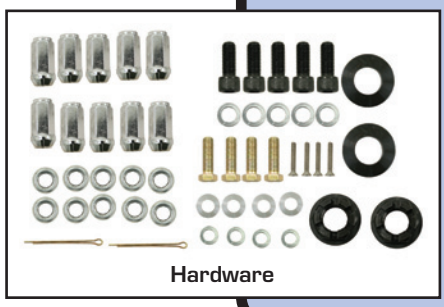
16-2516 Mount Tube Only for Race-Trim Micro Stub Kit, Pair
(Not included in brake kits) See picture on page 283

Caliper (16-2525-7)


Brake Pad (16-2525-6)

EXPLODED VIEW - SEE PAGE 283 FOR MORE DETAILS




Hardware

- (2) Micro-Stubs
- (2) Center Caps
- (2) Hub/Bearing Assemblies
- (2) Brake Rotor/Hat Assemblies
- (2) Wheel Adapters 5/205
- (2) Caliper Mounting Brackets
- (2) Brake Calipers (Pads Seperate)
- (2) Axle Nuts M24x1.5
- (4) 3/8-24 x 2 Bolts
- (4) 3/8 Flat Washers
- (4) 3/8 Lock Washers
- (10) Chrome 14mm Lug Nuts
- (10) 14mm Open End Lug Nuts
- (6) 12mm Socket Screws
- (6) 12mm Lock Washers
- (2) Cotter Pins
- (4) 10-24 Socket Screws
- (2) Thrust Washers
- (4) Brake Pads
- (12) C.V. Bolts

FORGED 1 PIECE CHROMOLY MICRO-STUB AXLES

Leading manufacturers of high performance, off-road and drag racing drivetrains will tell you that a forged 4340 chromoly part is better and stronger than 300m from billet. Our 930 and 934 micro stub axles are 1.490" diameter, 33 spline (equivalent to a 2500 G.M. truck). We use 4340 chromoly forgings which are then 100% CNC machined. The splines are cold formed/rolled rather than cut and extend the entire length of the shaft, opposed to being "back cut". The inner portion of flange has a very deep radius. Hardened axle nut washers are included. Both parts are black oxided.

16-2310 Microstub Axle w/ washer for 930 C.V. Joint, Each
16-2311 Microstub Axle w/ washer for 934 C.V. Joint, Each

98-6020-B

6112

98-6022-B

BUGGY MASTER CYLINDER

The large 22mm bore Master Cylinder is large enough to handle 2 or 4 wheel set-ups. Available complete with reservoir or replacement reservoir only.

6112 22mm Buggy Master Cylinder, w/Residual Valve and Reservoir
98-6020-B Plastic Reservoir Only
(Ref. P/N: 211 611 301C)

98-6021-B 22mm Buggy Master Cylinder Only w/Residual Valve
(Ref. P/N: 211 611 011JCH)

98-6022-B* 22mm Buggy Master Cylinder w/o Residual Valve.
For use with Disc Brakes. (Does not include reservoir)

*Residual Valve Removed - for all Front Wheel Disc Brake / Rear Wheel Drum Brake applications or Rear Disc Only applications (Trike / Off-Road)

6114

16-7040

BUGGY MASTER CYL. W/POLISHED ALUM. RESERVOIR

Every year it's the first thing on your shopping list...New brake reservoir to replace the sun baked or leaking one from last season. EMPI puts an end to the vicious cycle with this polished Billet Aluminum Reservoir, it's the best looking and last one you will need.

6114 22mm Buggy Master Cylinder w/Residual Valve and Polished Aluminum Reservoir
16-7040 Polished Billet Aluminum Master Cylinder Reservoir Only w/Cap

98-6021-B 22mm Buggy Master Cylinder Only w/Residual Valve
(Ref. P/N: 211 611 011JCH)

99-2510 NEW! Brake Fluid Reservoir Sealing Washer Only, Each
(Ref. P/N: N138272)

16-7041

POLISHED/CHROME BUGGY MASTER CYLINDER

Large 22mm bore, Polished/Chrome Master Cylinder for 2 or 4 wheel brake applications while adding a show-look to your buggy. Chose a Billet or Plastic reservoir.

16-7041 22mm Polished/Chrome Buggy Master Cylinder, w/Residual Valve
16-7042 22mm Polished/Chrome Buggy Master Cylinder, w/o Residual Valve

6116

Assembled

BUGGY MASTER CYLINDER WITH BILLET ALUMINUM RESERVOIR

Complete Type 2 Master Cylinder with the great looking Billet Aluminum Buggy Master Cylinder Reservoir to add that billet flare to your Buggy. Billet Aluminum Buggy Master Cylinder Reservoir fits Type 2 (thru 66) master cylinders (EMPI P/N 16-7041, 16-7042 and 98-6021-B/211 611 011JCH).

Assembled

18-1015

6116 Buggy Master Cylinder with Billet Aluminum Reservoir, Set

18-1015 Aluminum Buggy Master Cylinder Reservoir, Each

99% of the calls we received concerning problems with brake installation comes down to 1 problem...**AIR IN THE LINES**.
Tech Tip: After having bled the brake system 2 or 3 times…a spongy pedal, pads dragging, etc., is almost always caused by air being trapped in the in the system.

Be sure to Bench Bleed a new master cylinder if installed. There are a few different '1-Man Bleeders' available - Mityvac and others. Use our new Quick Bleeders...make it easy on yourself and your helpers.

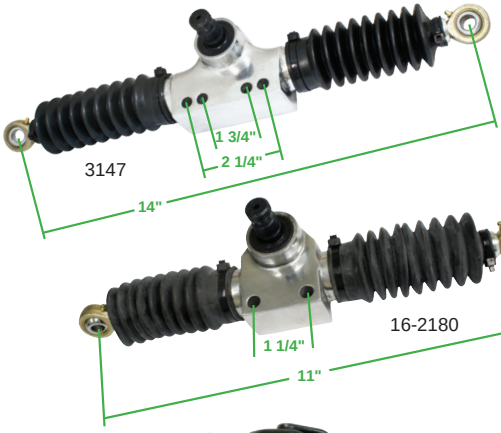
If installing new Disc Brake Calipers, rotate them to where the bleeder is around 12 O'Clock for bleeding...easier to get the air going straight up...then rotate them into position when you are done.

When all else fails, take the car to a professional for bleeding and adjusting. Small price to pay if you do not have the patience!

RACK & PINION UNITS

3147 Rack & Pinion Unit, 4 Mounting Holes, 14"
5/8 - 36 Spline Shaft, 1 1/2 Turns Lock to Lock, Each, (Boxed)

16-2180 Rack & Pinion Unit, 2 Mounting Holes, 11"
5/8 - 36 Spline Shaft, 1 1/2 Turns Lock to Lock, Each, (Boxed)



RACK & PINION COMPONENTS

3142 Broached Coupler Only for all R & P Units
(36 Spline)

3143 Splined Stub Adapter only for all R & P Units
(36 Spline)

3149 U-Joint for Rack & Pinion,
5/8"-36 Splines on both ends (Black)

16-9572 U-Joint for Rack & Pinion,
5/8"-36 Splines on both ends (Chrome)

16-2187 Boot Clamp for P/N: 16-2183 and 17-2600, Each

16-2188 Clevis for P/N: 16-2183 and 17-2600,
5/8-18 R.H. Thread, Each

16-2191 Replacement Boot for P/N: 16-2185/86, Each
3144 Replacement Boot for P/N: 3147 / 16-2180/81/82, Each

16-2193 Bracket for P/N: 16-2181/82, Each

3145 Tie Rod Kit for P/N: 3147

RACK AND PINION MOUNTING BRACKETS

This weld-on bracket allows you to install several different rack and pinion units to your vehicle. Available for stock beams and widened beams.

17-2604 Rack Mounting Bracket, Stock Beam, Each
17-2605 Rack Mounting Bracket, Wide Beam, Each

TIE ROD RELOCATION KIT

Eliminate added bump steer and unecessary tie rod end wear on all lowered ball joint & Link pin front ends. Relocates tie rod end to underside of steering knuckle for improved angles. Requires drilling and the use of late model tie rod ends. Front-end alignment will be necessary for a complete installation.

B661311 Tie Rod Relocation Bushing Kit, Pr.

URETHANE TIE ROD BOOTS

Made from Urethane, these boots are made to withstand the abuse of off-road racing. Superior design keeps dust and dirt from wearing out tie rod end prematurely and they look good.

B557521 Urethane Tie Rod Boots, Stock VW, Red, 4 Pc.

HEAVY DUTY ALUMINUM RACK AND PINION TIE RODS

Tie rods with I.H. ends for heavy duty rack and pinion boxes. 1" aluminum tube 24 1/4" long. Sold each.

17-2598 Heavy Duty Aluminum Tie Rod, I.H. Ends,
3/4" Threaded Shank
Zerk Fitting on Side, Each, (Bagged)

CHROME TIE RODS

High luster chrome tie rods add the finishing touch to street cars, sand rails or buggies. Provided in see thru poly bags with header card for easy display.

22-2825 Chrome Tie Rod, Left, Early
22-2826 Chrome Tie Rod, Left, Late
22-2827 Chrome Tie Rod, Right, Early
22-2829 Chrome Tie Rod, Right, Early w/o Damper
22-2828 Chrome Tie Rod, Right, Late
22-2830 Chrome Tie Rod, Right, Late w/o Damper

CHROME RACK & PINION TIE ROD KIT

For use with the Center Mount Rack and Pinion box. These Tie Rods have Link Pin Tie Rod Ends on one end and an adjustable Clevis end on the other, making for an easy installation. **No Welding Is Required.**
Fits 3147 and 16-2180 Rack and Pinion Units.

3148 Chrome Tie Rod Set w/ Link Pin,
Tie Rod End and Clevis, Ea

RACK AND PINION U-JOINTS

A complete line of steering U-Joints to accommodate the variety of rack and pinion units available.

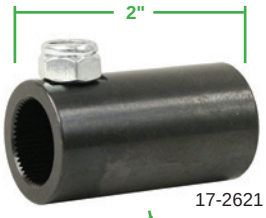
17-2622	3/4” Smooth, 3/4” Smooth, Each
17-2623	3/4” Smooth, 5/8” 36 Spline, Each
17-2624	3/4” Smooth, 3/4” 36 Spline, Each
17-2625	3/4” Smooth, 3/4” 48 Spline, Each
17-2626	7/8” Smooth, 7/8” Smooth, Each
17-2787	7/8” Smooth, 5/8” 36 Spline, Each
17-2629	5/8” 36 Spline, 5/8” 36 Spline, Each
17-2631	3/4” 48 Spline, 3/4” 48 Spline, Each
17-2633	3/4” 36 Spline, Charlynn Key Way, Each
17-2634	3/4” 48 Spline, Charlynn Key Way, Each

17-2629

RACK AND PINION COUPLER

Splined 1/2 way through with locking set screw.

17-2621	Coupler, 3/4” 48 Spline, 2" Long, Each



17-2621

RACK AND PINION CLAMP STYLE COUPLER

Splined with outer clamp.

17-2616	Coupler, Clamp Style 5/8” 36 Spline, 1 3/4" Long, Each
17-2617	Coupler, Clamp Style, 7/8" Smooth w/ Charlynn Key Way, 2" Long, Each
17-2618	Coupler, Clamp Style, 3/4” 36 Spline, 1 3/4" Long, Each
17-2619	Coupler, Clamp Style, 3/4” 48 Spline, 1 3/4" Long, Each

17-2617

SPLINED STEERING SHAFTS

Splined shafts in various lengths and splines to fit most rack and pinion couplers. Splined on one end only.

3143	Shaft, 2" Long, 5/8” 36 Spline, Each
17-2608	Shaft, 6” Long, 5/8” 36 Spline, Each
17-2609	Shaft, 12” Long, 5/8” 36 Spline, Each
17-2610	Shaft, 12” Long, 3/4” 36 Spline, Each
17-2611	Shaft, 12” Long, 3/4” 48 Spline, Each
17-2614	Shaft, 18” Long, 3/4” 36 Spline, Each (Boxed)
17-2615	Shaft, 18” Long, 3/4” 48 Spline, Each (Boxed)

17-2608

STEERING SHAFTS, SPLINED BOTH ENDS

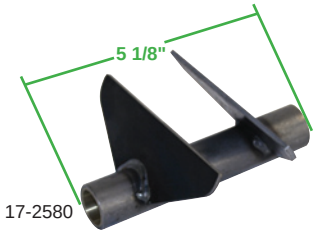
17-2612	Shaft, 3 3/4” Long, 3/4” 36 Spline, Each
17-2613	Shaft, 3 3/4” Long, 3/4” 48 Spline, Each

17-2613

STEERING SHAFT MOUNT

This weld-on mount adds that extra detail to your sand rail or off road car. Available in 3/4” or 7/8” shaft size. This bracket welds on easily to your roll cage cross bar replacing the old tab and bearing look. A machined bronze bushing is inside to cut down on shaft wear. All have 5 1/8" O.A.L.

17-2580	Mount, Steering Shaft, 3/4”, Raw, Each
17-2582	Mount, Steering Shaft, 7/8”, Raw, Each



17-2580

ALUMINUM CLAMP NUTS

These machined aluminum clamps are perfect for eliminating steering shaft movement and play. Available for both 3/4” and 7/8” shafts.

17-2585	Clamp Nut, 3/4” Shaft, Each
17-2586	Clamp Nut, 7/8” Shaft, Each

17-2585

CHROME STEERING SHAFT & SUPPORTS

Steering shafts are available in 7/8" or 3/4" diameters and 60" long (cut to length). The 3 Bolt Flange fits all EMPI steering wheels. The steering shaft support fits 7/8" steering shaft and it's self-aligning for easy installation. Uses oil impregnated bronze bushing with oiling cup for long life.

3177		Chrome 7/8" Steering Shaft, Each +
3198	NEW!	Raw Steel 7/8" Steering Shaft, Each +
17-2579		Chromoly 3/4" Steering Shaft, Each +
3180		Chrome Steering Shaft Bearing, 7/8", Each
17-2803		Chrome Steering Shaft Bearing, 3/4", Each
16-9568		3 Hole Steering Flange Only, Raw, Each

STEERING WHEEL QUICK DISCONNECT

Allows steering wheel removal in seconds. Great for safety and easy access. Made from Aluminum with a steel insert. Requires Welding. **(Not for street use)**

3172	Steering Wheel Quick Disconnect 3/4" Tubing
16-9567	Steering Wheel Quick Disconnect 7/8" Tubing

QUICK RELEASE STEERING COUPLER

Another design of quick release for off road steering wheels. With a pull ring design and splined shaft. Available for 3/4" and 7/8" steering shafts. There are two sets of mounting holes on this steering wheel quick release allowing you to use either a 5/16-18 bolt or a 1/4-20 bolt. Shaft is hollow. Fits 3-Bolt Flange Steering Wheels. **(Not for street use)**

17-2800	Quick Release, Splined, 3/4", 2 pc. Set
17-2570	Quick Release, Splined, 7/8", 2 pc. Set

QUICK STEERING ADAPTER KIT

This bolt on adapter plate will reduce steering wheel travel almost one full turn, lock-to-lock. Designed for off-road use only, do not use this on a street driven car. All necessary hardware is supplied for attachment to your existing 1961 & later steering pitman arm. For Type 1 use only. **(Not for street use)**

22-2823	Quick Steer Kit - thru 5/68
22-2824	Quick Steer Kit - 5/68 & Later

CHROME STEERING BOX AND SHAFT COUPLER

Chrome stock couplers for VW steering box and shaft. OE VW Splines.

17-2584	Stock Steering Coupler, Chrome, 2 pc. Set

URETHANE STEERING COUPLER

This Urethane Steering Coupler replaces the standard black rubber disk with a color coordinated, hi-tech polyurethane unit. Complete with hardware. Fits Type I.

16-5150 Urethane Steering Coupler Kit (Red)
16-5149 Urethane Steering Coupler Kit (Black)

16-5150

16-5149

COUPLING DISC - TYPE 1

Coupling Disc Steering Shaft for Type 1

98-4168-B Coupling Disc, Steering Shaft, Each
Type 1 50-78, Ghia 56-74, Type 3 64-73
(Ref. P/N: 111 415 417)

98-4168-B

COUPLING DISC - TYPE 2

Coupling Disc Steering Shaft for Type 2

98-4169-B Coupling Disc, Steering Shaft, Type 2 68-79
(Ref. P/N: 211 415 417)

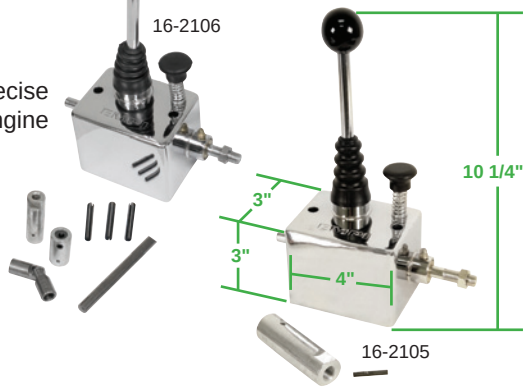
98-4169-B

EMPI CHROME SUPER SHIFTERS

Perfect for sand rails and custom buggies. EMPI's Super Shifters feature precise short shifting and reverse lock-out. Available with cut to length linkage for rear engine applications.

16-2105 EMPI Universal Super Shifter Only, Chrome
16-2106 EMPI Universal Super Shifter w/Linkage, Chrome
16-2161 Replacement Boot Only for 16-2105 / 16-2106

16-2106

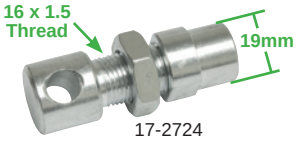


16-2105

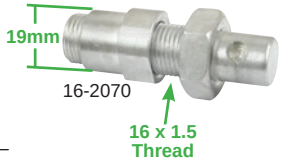
SHIFT ROD ADJUSTER

Shortened or fabricated shift rod? These weld on adjusters are what you need. Choose for early or late style coupler according to your application (See shift couplers on this page)

16-2070 Shift Rod End, for Early Style Coupler, Each
17-2724 Shift Shaft Adjuster, for Late Style Coupler, Each



17-2724



16-2070

URETHANE & STOCK SHIFT COUPLERS - EARLY STYLE

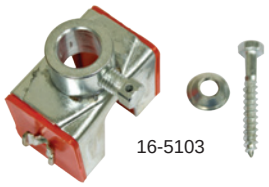
Urethane is the way to go for a shift coupler if you want to take sloppy play out of the equation. This early style coupler works for all Type 1 thru 64 along with other applications like off-road cars that use this style of shift linkage coupler. Supplied with new set-screws as well. Stock shift couplers also available.

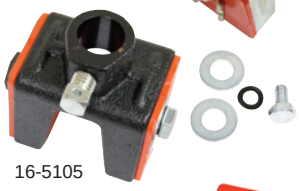
16-5102 Urethane Shift Coupler, Early Style
98-1079 Early Shift Coupler
(Bulk P/N: 111 711 175B)
98-1026-2 Grub Screw for Coupler, Each
(Ref. P/N: 211 711 189A)

98-1026-2

16-5102

98-1079


16-5103


16-5105

16-5104

URETHANE SHIFT COUPLER - LATE STYLE

Much like the original one it replaces, this fits Type 1 65 on and other applications that use this style of coupler. The key improvement on this unit is the two inserts for the cage have been made out of Urethane so the shifter linkage will be much tighter and responsive. This is a must do upgrade for almost every car out there that uses this style of shift coupler.

16-5103 Shift Coupler, w/Urethane Inserts, Type 1 65-79, Ghia 65-74, Type 2 68-79, Type 3 All, Kit
(Ref. P/N: 311 798 211)

Heavy Gauge Steel Cage with heavy duty bolt and Urethane Inserts make this H.D. Coupler the one to use for any performance application.

16-5105 H.D. Shift Coupler w/Urethane Inserts & Hardware., Type 1 65-79, Ghia 65-74, Type 3 All, Kit

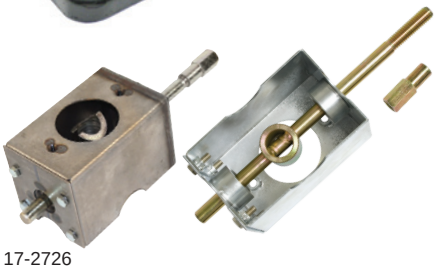
16-5104 Urethane Inserts Only for 16-5103 and 16-5105 Shift Couplers, Pr

16-5101

URETHANE SHIFT BUSHING

Will mount to EMPI's Universal Shifter Box, P/N 3158

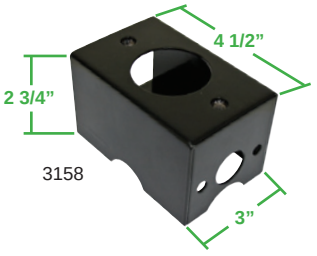
16-5101 Urethane Shift Bushing, Black, Each


17-2726

RACE SHIFTER BOX WITH SHAFT

Steel box with bearing supported shaft. Cup is tapered and slotted for positive engagement with the shifter. Shaft is 1/2" O.D. and 10" long. All thread sizes are 1/2 x 13 (Male and Female).

17-2726 Off Road Shifter Mount Box, Each



3158

UNIVERSAL SHIFTER BOX

Accommodates VW shifters. Requires welding. This unit has 8mm x 1.25 Threads.

3158 Universal Shift Box, Black, Each
3158-7 Bulk Universal Shift Box, Black, Each

17-2727

UNIVERSAL TYPE 1 SHIFT SHAFT

This universal shaft has the original style slotted cup on the shifter end and are blank on the other end. Raw steel. Length from end to end is 59 3/8".

17-2727 Universal Shift Shaft, 59" overall length, Each

17-2725

TYPE 1 TO TYPE 2 COUPLER

Aligns Type 1 shift shaft to Type 2 transmission coupler, aluminum.

17-2725 Type 1 to Type 2 Shift Shaft Coupler, Each

EMPI BILLET CLUTCH SLAVE

Compatible with all hydraulic pedal assemblies. Note: proper straight angle mounting is critical to meet warranty requirements along with life of the unit. Brackets and heim ends are available for easier mounting and smoother operation. Housing is tapped 1/8 NPT in two spots. Female end of fitting supplied is 3/8-24. The other 1/8 NPT has a bleeder fitting in it.

16-2549 Clutch Slave Unit

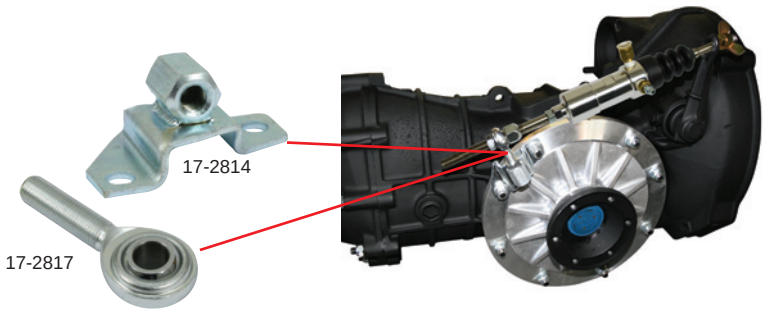
16-2549-6 Rebuild Kit Only for 16-2549-0

EMPI CLUTCH SLAVE ACCESSORIES

It is imperative that the slave be mounted in a level position...
Brackets and heim ends make it easier to mount with smoother action.

17-2814 Slave Bracket, Type 1, Each
17-2883 Billet Slave Bracket, Type 1, Each
17-2813 Billet Slave Bracket, Type 2, Each
17-2884 Billet Slave Bracket, Mendeola, Each
17-2817 Heim End 3/8"-24 Threads, 3/8" Ball, for EMPI Slave, Each
17-2818 Heim End 3/8"-24 Threads, 5/16" Ball, for CNC Slave, Each

17-2813



BRAKE LINE PLUGS

18-1103 NEW! Brake Line Plugs, M10 x 1.0, Pair

These fittings can be used to block off any unwanted M10 x 1.0 brake line port. They are normally used on off-road vehicles on the master cylinder. The male thread is M10 x 1.0 bubble flare.

CONVERSION BRAKE LINE FITTINGS

18-1102 NEW! Male 1/8" NPT to Female 10mm x 1.0 Bubble Flare, Pair

18-1107 NEW! 90 Degree Male 1/8" NPT to Female 10mm x 1.0 Bubble Flare, Pair

BRAKE LINE FITTING KIT

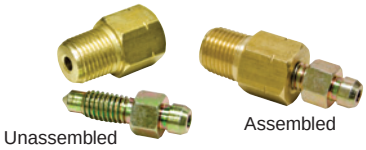
Includes 6 brass 1/8NPT (Male) to 3/16 American Inverted Brake Line (Female) for use when plumbing Pedal Assemblies, Turning Brakes, etc.

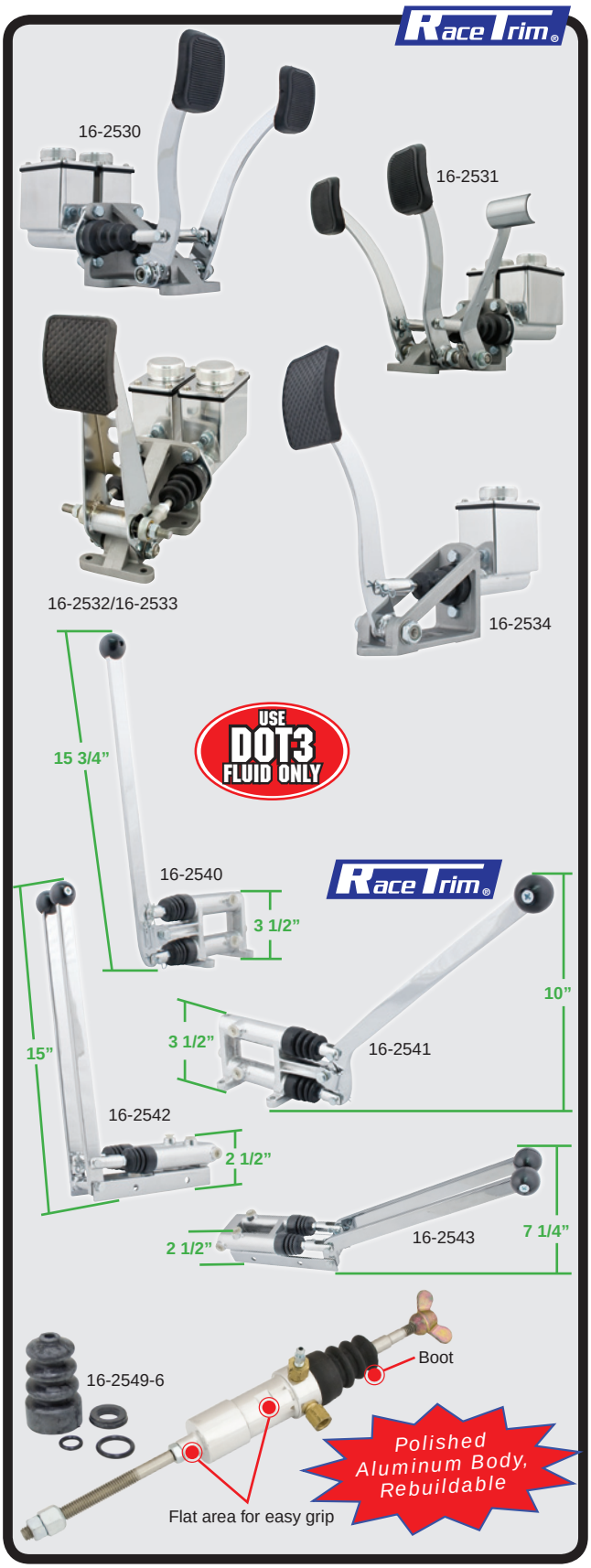
16-2550 Brake Line Fittings, Brass, Package of 6

UNIVERSAL BLEEDER VALVE

Get the air out with this Universal Bleeder Valve. It can be used with Master Cylinders, Turning Brakes or other applications with 1/8" NPT threads.

17-2934 Bleeder Valve 1/8" NPT, Pair





COMPLETE LINE OF RACE TRIM HYDRAULIC PEDAL ASSEMBLIES

Fully Polished and ready to bolt-in. Bore sizes included in the descriptions. A Shaft Pin to stop the shaft from rotating within the Pedal Base is included, along with instructions on how to drill shaft and install. EMPI Billet Clutch Slave needs to be ordered separately.

RACE TRIM DUAL PEDAL ASSEMBLY

Dual Pedal Assembly Fully Polished w/Aluminum mounting bracket and high square reservoirs with easy fill cap.

16-2530 Dual Pedal Assembly,
3/4" Clutch - 7/8" Brake, fitting size is 1/8" NPT.

16-2531 Dual Pedal Assembly w/Throttle Pedal,
3/4" Clutch - 7/8" Brake, fitting size is 1/8" NPT.

RACE TRIM SINGLE PEDAL ASSEMBLY

Single Pedal Assembly w/Dual Master Cylinders with built-in balance bar, or Single Master Cylinder. Fully Polished w/Aluminum mounting bracket and high square reservoirs with easy fill cap.

16-2532 Single Pedal Assembly w/Dual Master Cylinders
7/8" Brake - 7/8" Brake, fitting size is 1/8" NPT.

16-2533 Single Pedal Assembly w/Dual Master Cylinders
7/8" Brake - 3/4" Brake, fitting size is 1/8" NPT.

16-2534 Single Pedal Assembly w/Single Master Cylinder.
3/4" Brake/Clutch, fitting size is 1/8" NPT.

RACE TRIM TURNING BRAKES

All of our turning brakes are Fully Polished with Chrome levers and Black popular ball grips. Available in Dual and Single Handle models, Upright or Angled. All feature 3/4" bore. The flow through system design does not interfere with your normal brake pedal. Available in Dual and Single Handles. The fitting size used on these is 1/8" NPT.

RACE TRIM SINGLE HANDLE TURNING BRAKES

16-2540 Turning Brake, Single Handle, Upright, 3/4"
16-2541 Turning Brake, Single Handle, Angled, 3/4"

RACE TRIM DUAL HANDLE TURNING BRAKES

16-2542 Turning Brake, Dual Handle, Upright, 3/4"
16-2543 Turning Brake, Dual Handle, Angled, 3/4"

EMPI BILLET CLUTCH SLAVE

Compatible with all hydraulic pedal assemblies. Note: proper straight angle mounting is critical to meet warranty requirements along with life of the unit. Brackets and heim ends are available for easier mounting and smoother operation. Housing is tapped 1/8 NPT in two spots. Female end of fitting supplied is 3/8-24. The other 1/8 NPT has a bleeder fitting in it.

16-2549 Clutch Slave Unit

16-2549-6 Rebuild Kit Only for 16-2549-0

RACE TRIM MASTER CYLINDER – HIGH RESERVOIR

High Square Master Cylinder Reservoir can be used as a replacement for the EMPI Pedal Assemblies or in many other applications. Featuring a 3" high-capacity bowl they are 100% Polished with a Billet-style Knurled Cap. Available in 3/4" and 7/8" Bore sizes. Fitting size is 1/8" NPT.

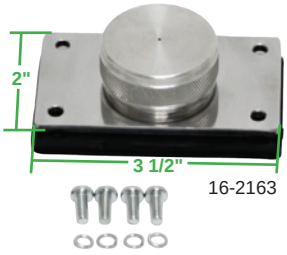
USE DOT3 FLUID ONLY

17-2965 Master Cyl., 3/4" High Square Reservoir, Polished
17-2966 Master Cyl., 7/8" High Square Reservoir, Polished

REPLACEMENT PARTS FOR HYDRAULIC PEDAL ASSEMBLIES & TURNING BRAKES

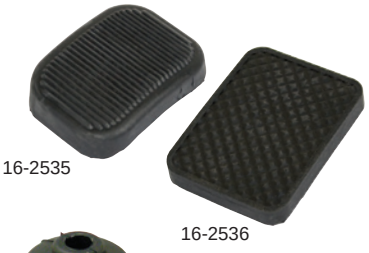
SQUARE TOP (POLISHED)

16-2163 Square Top Only w/Screw on Cap. Fits all EMPI Square Reservoirs.



PEDAL PAD

16-2535 Small Pedal Pad only for Dual Pedals for 16-2530 and 16-2531, Ea
16-2536 Large Pedal Pad only for Single Pedals for 16-2532, 16-2533 and 16-2534, Ea



BOOT

16-2161 Small Boot only for Master Cylinders used on 16-2540, 16-2541, 16-2542 and 16-2543, Ea

16-2162 Large Boot only for Master Cylinders used on 16-2530, 16-2531, 16-2532, 16-2533 and 16-2534, Ea

RACE TRIM REBUILD KITS FOR PEDAL ASSEMBLIES AND TURNING BRAKES

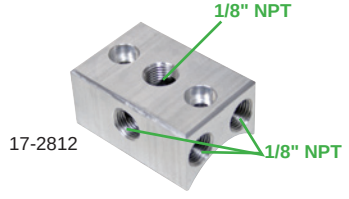
USE DOT3 FLUID ONLY

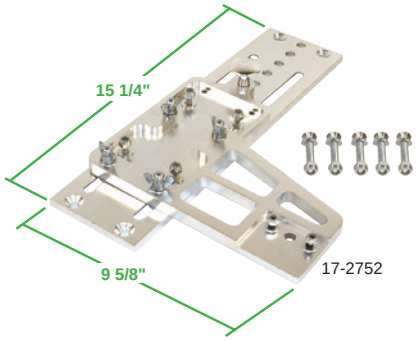
16-2544 Rebuild Kit for 3/4" Clutch - 7/8" Brake Master Cylinder P/N 16-2530, 16-2531, and 16-2533
16-2545 Rebuild Kit for 7/8" Clutch - 7/8" Brake Master Cylinder P/N 16-2532
16-2546 Rebuild Kit for 3/4" Single Master Cylinder P/N 16-2534
16-2547 Rebuild Kit for 3/4" Angled Turning Brake Assembly P/N 16-2541 and 16-2543
16-2548 Rebuild Kit for 3/4" Upright Turning Brake Assembly P/N 16-2540 and 16-2542

BILLET BRAKE LINE UNION

Billet brake union allows clean installation of all brake lines to one location. Tapped 1/8" NPT. Two other holes on top are for mounting.

17-2812 Billet Brake Line Union, Each





BILLET DELUXE PEDAL SLIDE

Constructed from billet aluminum this pedal slide fits many brand name hydraulic pedal assemblies. The base for the throttle pedal is incorporated into the unit, making for a very smooth and simple pedal adjustment. Use with P/N 17-2750 throttle cable extender. Hardware included.

17-2752	Deluxe Pedal Slide, Billet, w/ Throttle Pedal Provision, Each Will fit EMPI Pedal Assemblies 16-2530, 16-2532 and 16-2533

PEDAL ASSEMBLY MOUNT

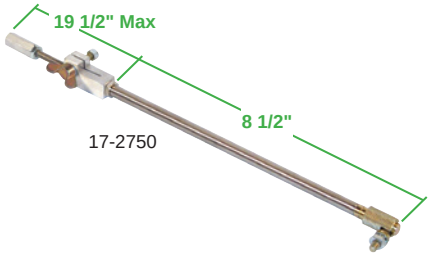
Easily mounts your VW brake and clutch pedal assembly. Requires welding.

3159	Pedal Assembly Mount, Raw, Each
3159-7	Bulk Pedal Assembly Mount, Raw, Each

EMPI SHIELDED CONTROL / THROTTLE CABLES

Heavy Duty universal EMPI Cables for all your throttle cable needs. Requires mounting hardware. All cables have 10-32 threaded ends.

16-2076	Control Cable - 6'
16-2077	Control Cable - 7'
16-2078	Control Cable - 8'
16-2079	Control Cable - 9'
16-2080	Control Cable - 10'
16-2081	Control Cable - 11'
16-2082	Control Cable - 12'
16-2084	Cable Ball End (10-32 Thread)
16-2083	Cable Clevis (10-32 Thread)
16-2085	Hook Clamp Cable Mount
16-2086	Clamp and Shim Cable Mount
16-2087	Throttle Cable Extender, 8" Cut to Length, for Morse and EMPI Cables (10-32 Thread)



THROTTLE CABLE EXTENDER

This makes adjusting the throttle cable quick and easy when using our pedal slide assemblies. Unit has a maximum of 19 1/2" of extension.

17-2750	Cable Extender, Adjustable, Each

ROLLER PEDAL CABLE BRACKET

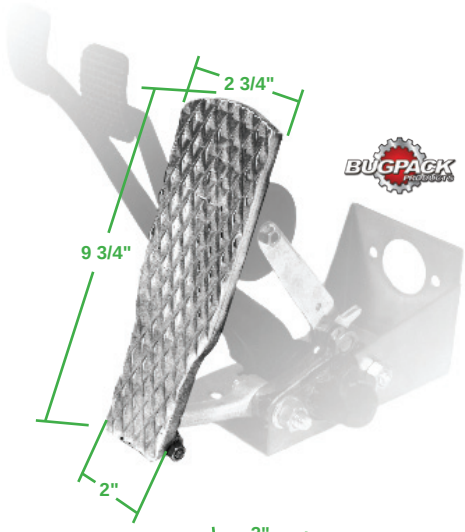
Referred to as the "wish-bone", this stainless steel bracket is for use with all of our hydraulic pedal assemblies and provides for a direct attachment of the throttle cable without compromising bends.

16-9553	S/S Roller Pedal Cable Bracket

FOOT PEDAL KIT (ALUMINUM)

Designed to be used with a roller pedal to give smooth foot action on the throttle assembly. Lightweight cast aluminum construction. Fits sedans or buggies. Compliments our roller pedal P/N 3160 or P/N 8511 aluminum roller pedal.

B556900 Aluminum Foot Pedal Only



BILLET THROTTLE PEDAL

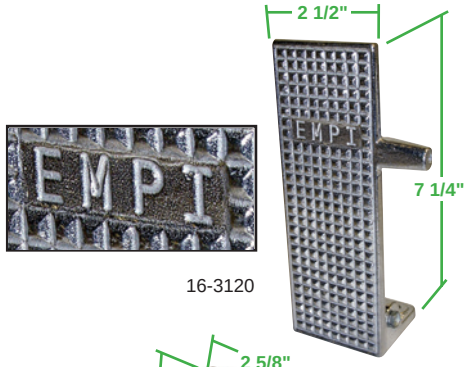
Billet Aluminum, spring-loaded throttle pedal. Positive action and great looks. Pedal features full-throttle stop and multi-position 10-32 threads for cable hook-up.

16-3121 EMPI Billet Throttle Pedal
w/Ball Milled Grooves & EMPI Logo

EMPI UNIVERSAL THROTTLE PEDAL (ALUMINUM)

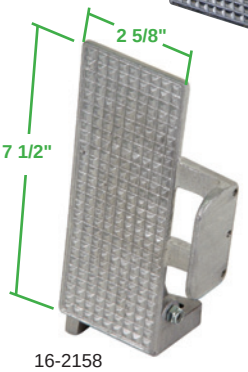
EMPI's heavy duty cast aluminum throttle pedal features a cast in grip pattern face and a ball burnished finish for a long lasting shine. Cable attachment has a 10-32 thread.

16-3120 Universal Throttle Pedal



ALUMINUM THROTTLE PEDALS W/ FOOT BRACE

16-2158 Angled Throttle Pedal, Unpolished



CABLE SHORTENING KITS

Shorten your clutch, emergency brake and throttle cables quickly and easily. A must for buggies with shortened pans.

3167 Complete Cable Shortening Kit, Includes P/N: 3168, 3169 & 3170
3168 Cable Shortening Kit, Clutch Only
3169 Cable Shortening Kit, Emergency Brake Only
3170 Cable Shortening Kit, Throttle Only (Fits on cable only)

3171 Throttle Cable Extending Kit, 2 pcs. (Fits on cable end or cable)
3171-7 Round Piece only for Throttle Cable Extending Kit (Set Screw), Each
(Ref. P/N: 311 129 777)
3156 NEW! Cable Mount w/ Bolt, Each
(Bulk P/N: 311 129 777CH)

H.D. THROTTLE CABLE KIT

H.D. throttle cable puts an end to cable failure. Includes plastic tubing for Buggies or Sedans with rusted throttle tubes. Cable kit includes 9-foot heavy duty cable, tubing and clamps.

4860 H.D. Throttle Cable Kit

4861 H.D. Throttle Cable Kit, w/Roller Pedal

4860-7 H.D. Throttle Cable Only, 9' Long, 2.5mm O.D. (Skin Packed)
4860-6 Bulk H.D. Throttle Cable Only, 9' Long, 2.5mm O.D.

4862-7 H.D. Throttle Cable Only, 16' Long, 2.5mm O.D. (Skin Packed)
4862-6 Bulk H.D. Throttle Cable Only, 16' Long, 2.5mm O.D.

RACING THROTTLE CABLE

Super heavy duty stainless steel 3mm O.D. throttle cable is virtually indestructible. Comes in a 16' length to satisfy all custom installations.

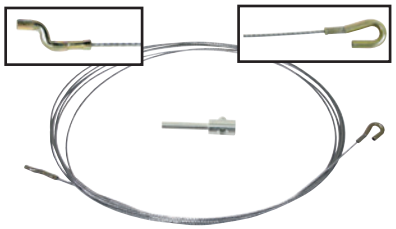
B551010 Racing Throttle Cable 16', 3mm O.D.

THROTTLE CABLE TUBE/CABLE SPRING SEAT

Stock throttle tube passes through fan housing protecting cable from wear and breakage.

98-1002 Stock Throttle Cable Tube
(Bulk P/N: 043 129 893)

98-8633 NEW! Accelerator Cable Spring Seat, Type 1 46-65, Ghia 56-65, Type 2 50-63
(Bulk P/N: 113 129 909)



UNIVERSAL THROTTLE CABLE KIT

Small diameter 1.5mm O.D. cable fits thru stock cable tube. Features stock "Dog Leg" on one end and Loop on other. Choose your application...cut off the other. Includes cable adapter. The 15' cable is long enough for most applications.

4863 Universal Throttle Cable Kit

IRS CLIPS FOR CUSTOM TORSION HOUSING

Heavy duty IRS clips for custom torsion housing. Sold in pairs with hardware. Welding required.

16-9924

16-9924	IRS Clips, Custom Torsion, Pair

SPRING PLATE CONVERSION KIT

This kits enables you to remove your stock torsion bars and adapt your housing to heim end trailing arms and coil over shocks. Perfect for that extra travel you are looking for. **(Rod Ends not included)**

17-2675

17-2675	Conversion Plate, Stock VW Torsion Housing, 4 pc. Kit Offset to Clear Stock Housing

CHROMOLY THREADED BUNG

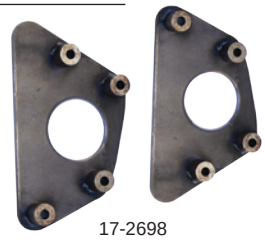
Can be used for a variety of chassis needs. Available in left hand and right hand threads, for 1" tubing.

17-2636

17-2635	Threaded Bung, 3/4"-16 Left Hand Thread, 1" x.120 2 3/8" Long, Each
17-2636	Threaded Bung, 3/4"-16 Right Hand Thread, 1" x.120 2 3/8" Long, Each

TORSION TUBE END PLATES

Long travel style end plates. Weld on.


17-2698

17-2789

17-2789	Torsion End Plate, Outer, Pair
17-2698	Torsion End Plate, Inner, Pair

POLISHED STAINLESS TORSION END PLATE

Polished stainless steel end plates with stainless spacers for IRS torsion.

17-2696

17-2697

17-2696	Torsion End Plate, Stainless, Swing Axle, Pair
17-2697	Torsion End Plate, Stainless, I.R.S., Pair

CHROME SPRING PLATE CAPS

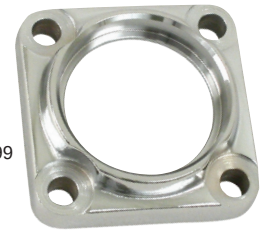
Chrome Spring Plate Caps for good looks. Both styles available; Swing axle for shorter style torsion bars and I.R.S. style for medium and long torsion bar use.
See pages 242, 243 and 250 for Urethane Bushings.
Use bushing P/N 16-5133 for P/N 9569.

9569

9545

9545	Chrome Spring Plate Caps - Swing Axle, Pair
9569	Chrome Spring Plate Caps - I.R.S., Pair

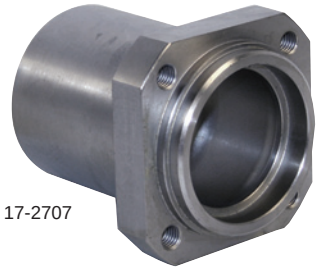
CHROME AXLE BEARING CAPS


17-2699

17-2699 IRS Axle Bearing Cap, Chrome Steel, Fits P/N 17-2707 and 17-2708, Pair

CUSTOM AXLE BEARING HOUSING

For fabricating IRS trailing arms. Uses stock VW bearings and spacer kits. Aluminum bearing cap 17-2700 sold separate. Holes tapped to 10mm - 1.5 thread.


17-2707

17-2707 Axle Bearing Housing, IRS, Steel, Each (Boxed)

BILLET AXLE BEARING CAP

17-2700

17-2700 IRS Billet Aluminum Bearing Cap for stock application.
Fits P/N 17-2707 and 17-2708, Each

REPLACEMENT SWING AXLE BEARING HOUSINGS

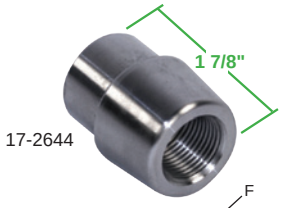
For 66 and earlier, short axle. Sold in pairs. Bearing not included.

16-9923

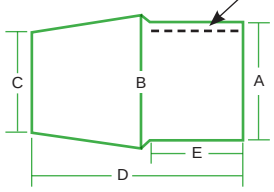
16-9923 Swing Axle Bearing Housing, Pair (Boxed)

CHROMOLY TAPERED BUNGS

Used mainly for fabricating tie rods on off road applications.
Available in 4 different tubing sizes and left or right hand thread.



17-2644

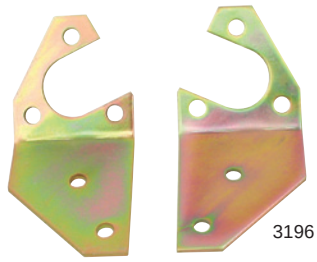


		THREAD	A	B	C	D	E	F
17-2637	Bung, Tapered Chromoly,	5/8"-18 L/H	0.78	0.98	0.86	1.70	0.78	0.095
17-2639	Bung, Tapered Chromoly,	3/4"-16 L/H	1.05	1.23	1.00	1.75	0.74	0.095
17-2641	Bung, Tapered Chromoly,	3/4"-16 L/H	1.00	1.23	1.00	1.75	0.65	0.120
17-2642	Bung, Tapered Chromoly,	3/4"-16 R/H	1.00	1.23	1.00	1.75	0.65	0.120
17-2643	Bung, Tapered Chromoly,	7/8"-14 L/H	1.25	1.48	1.32	1.87	0.74	0.095
17-2644	Bung, Tapered Chromoly,	7/8"-14 R/H	1.25	1.48	1.32	1.87	0.74	0.095

SWING AXLE SHOCK MOUNT KIT

Pre-formed steel plates bolt-on using the rear swing axle flange bolts to provide lower shock mounting points for up to four shocks on custom applications. Not compatible with stock shock mounts.

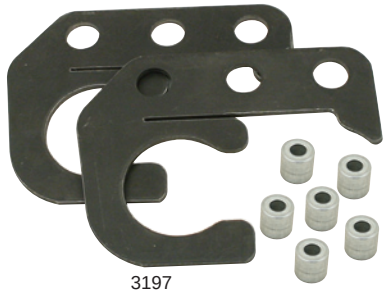
3196 Shock Mount Kit, Swing Axle, Pair, Zinc Plated (Bolt-On Installation)


3196

I.R.S. SHOCK MOUNT KIT

Designed for use on stock I.R.S. rear trailing arms that have been boxed, to provide lower mounting points for up to six shocks. Welding required. Not compatible with stock shock mounts.

3197 Shock Mount Kit w/6 Shock Bushings, I.R.S., Pair, Raw (Requires Welding)


3197

I.R.S. BOX KIT

Strengthen your stock I.R.S. trailing arms with this box and gusset set. Six pre-cut steel pieces weld to the inside back, top and bottom of the stock I.R.S. rear trailing arms greatly improving strength and rigidity. An economical alternative to custom fabricated trailing arms. Not compatible with stock shock mounts. Welding required.

3163 I.R.S. Box Kit, 6 pcs., Raw

3163

I.R.S. CONVERSION CLIPS

Convert any Swing Axle pan to I.R.S. with these clips. Welding required.

3164 I.R.S. Conversion Clips, Pair, Raw

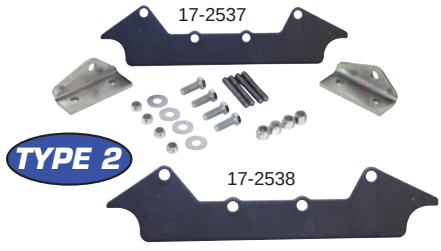
3164

TYPE 2 TRANSMISSION MOUNT

Weld in front mount brackets for late model bus transmission. Rear bolt mounts and hardware included. For tube chassis only. Not for stock frame horns.

17-2537 Type 2 Transmission Mount Kit

17-2538 Type 2 Transmission Center Mount Only

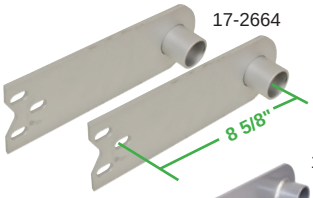


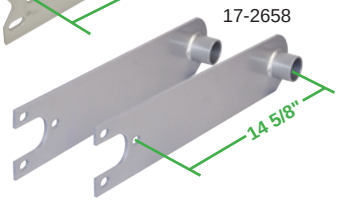
TRANSMISSION CENTER SUPPORT

Secures transmission from the bottom of the front case bolts. Supports from frame horns to reduce flex, zinc plated. Urethane stops included.

17-2536 Bolt On Center Transmission Support

17-2536

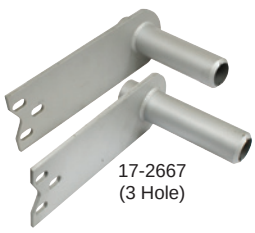




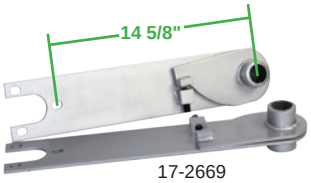
HEAVY DUTY SPRING PLATES (PAINTED)

17-2658	Swing Axle, 1 1/4" Collar for 21 3/4" Bars, Pair (Boxed)
17-2660	Swing Axle, 4 1/4" Collar for 24 11/16" Bars, Pair (Boxed)
17-2662	Swing Axle, 6 1/8" Collar for 26 9/16" Bars, Pair (Boxed)
17-2664	IRS Axle, 1 1/4" Collar for 21 3/4" Bars, Pair (Boxed)
17-2788	IRS Axle, 4 1/4" Collar for 24 11/16" Bars, Pair (Boxed)
17-2667*	IRS Axle, 6 1/8" Collar for 26 9/16" Bars, Pair (Boxed)
18-1074** NEW!	IRS Axle, 6 1/8" Collar for 26 9/16" Bars, Pair (Boxed)

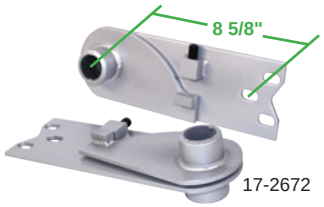
*To Replace Dual Spring Plate Models (Type 1 68-71, Type 3 68-71)
**To Replace Single Spring Plate Models (Type 1 72 and above)


17-2667
(3 Hole)

18-1074
(4 Hole) NEW!



17-2669



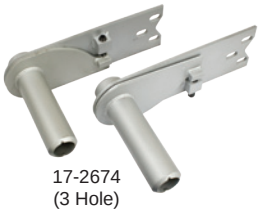
17-2672

ADJUSTABLE SPRING PLATES (PAINTED)

Adjust your ride height quick and easy.

17-2669	Swing Axle, 1 1/4" Collar for 21 3/4" Bars, Pair (Boxed)
17-2670	Swing Axle, 4 1/4" Collar for 24 11/16" Bars, Pair (Boxed)
17-2671	Swing Axle, 6 1/8" Collar for 26 9/16 Bars, Pair (Boxed)
17-2672	IRS Axle, 1 1/4" Collar for 21 3/4" Bars, Pair (Boxed)
17-2673	IRS Axle, 4 1/4" Collar for 24 11/16" Bars, Pair (Boxed)
17-2674*	IRS Axle, 6 1/8" Collar for 26 9/16" Bars, Pair (Boxed)
18-1075** NEW!	IRS Axle, 6 1/8" Collar for 26 9/16" Bars, Pair (Boxed)

*To Replace Dual Spring Plate Models (Type 1 68-71, Type 3 68-71)
**To Replace Single Spring Plate Models (Type 1 72 and above)


17-2674
(3 Hole)

18-1075
(4 Hole) NEW!

MODEL YEAR -VS- APPLICATION CHART
THE MODEL YEAR VS APPLICATION AND TORSION BAR SPRING RATE CHARTS SHOWN ARE A GUIDELINE ONLY. INDIVIDUAL APPLICATIONS MAY VARY.

PART #	TORSION BAR LENGTH	COLLAR LENGTH	APPLICATION
17-2658 or 17-2669	21 3/4"	1 1/4"	60-68 T1 Swing Axle
17-2660 or 17-2670	24 11/16"	4 1/4"	49-59 T1, 62-67 T3 Swing Axle
17-2662 or 17-2671	29 9/16"	6 1/8"	Off-Road / Racing
17-2664 or 17-2672	21 3/4"	1 1/4"	Off-Road / Racing
17-2788 or 17-2673	24 11/16"	4 1/4"	Thing IRS Only
17-2667* or 17-2674*	26 9/16"	6 1/8"	68-71 T1, 68-71 T3, IRS Only
18-1074** or 18-1075** NEW!	26 9/16"	6 1/8"	72 and on T1

TORSION BAR SPRING RATE CHART

	BAR LENGTHS		
Diameters	21 3/4"	24 11/16"	29 9/16"
*22mm	588	497	464
*23mm	702	593	554
25mm	979	828	773
26mm	1145	968	904
27mm	1333	1126	1052
28mm	1541	1303	1217
29mm	1774	1499	1400
30mm	2031	1716	1603

*For reference only. These are stock Volkswagen Sizes.

URETHANE BUSHINGS

The strength and durability of Urethane will out-last and out-perform standard rubber products in every application. From Shift Couplers to Bump Stops, install Urethane and never look back! All Urethane is red in color except where noted.

16-5130

16-5131

16-5132

B658813 16-5133

16-5134

NEW! 16-5147

NEW! 16-5135

16-5130 Urethane Knobby Bushings - 1 3/4" I.D., Pair
16-5131 Urethane Knobby Bushings - 1 7/8" I.D., Pair
16-5132 Urethane Knobby Bushings - 2" I.D., Pair
B658813 Urethane Smooth/Round Bushings - 1 7/8" I.D., Small O.D., Pair
16-5133 Urethane Smooth/Round Bushings - 1 3/4" I.D., Pair
16-5134 Urethane Smooth/Round Bushings - 1 7/8" I.D., Pair
16-5135 NEW! Urethane Smooth/Round Bushings - 2" I.D., Small O.D., Pair
16-5147 NEW! Urethane Smooth/Round Bushings - 2" / 2 1/8" Tapered I.D. (Black), Type 2 Only, Pair
This bushing will substitute for 211 511 245A rubber bushing.

Urethane Bushing Application Guide: *For use with Stock Spring Plates:*

Type 1, Swing Axle, 1950-1959:	1⅞" Round Inner, Small O.D. – 1⅞" Round Outer, Small O.D.
Type 1, Swing Axle, 1960-1968:	1⅞" Knobby Inner – 1¾" Knobby Outer
Type 1, I.R.S., 1969-1979:	1⅞" Knobby Inner – 1⅞" Round Outer, Large O.D.
Type 1, All with Semi-Automatic Trans:	1⅞" Knobby Inner – 1⅞" Round Outer, Large O.D.
NEW! **Type 2, 1955-1979:**	2" / 2⅛" Round Inner – 2" / 2⅛" Round Outer
Type 3, Swing Axle, 1965-1968:	1⅞" Knobby Inner – 1⅞" Knobby Outer
Type 3, I.R.S., 1969-1979:	1⅞" Knobby Inner – 1⅞" Round Outer, Large O.D.

For Use with Aftermarket Spring Plates Listed on page 470: The tubes welded on the spring plates are different than stock. The O.D. of the inner tube is also different than the O.D. of the outer tube.

Non-Adjustable Spring Plates:	1¾" O.D. on Inner Tube – 1⅞" O.D. on Outer Tube
Adjustable Spring Plates:	2" O.D. on Inner Tube – 1⅞" O.D. on Outer Tube

LIMIT STRAPS

Limiting suspension travel to a functional distance, cuts down on CV joint, axle, and boot wear. Double Straps…Available from 12" to 32" in 2" increments. Black strap with Gold Zinc ends.

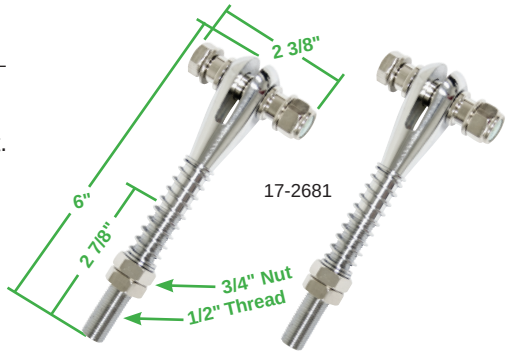
Double the thickness of material for double strength.

17-2890 Double Straps 12", Pair
17-2891 Double Straps 14", Pair
17-2892 Double Straps 16", Pair
17-2893 Double Straps 18", Pair
17-2894 Double Straps 20", Pair
17-2895 Double Straps 22", Pair
17-2896 Double Straps 24", Pair
17-2897 Double Straps 26", Pair
17-2898 Double Straps 28", Pair
17-2899 Double Straps 30", Pair
17-2900 Double Straps 32", Pair

LIMIT STRAP CLEVIS

Perfect for installing limit straps. The spring loaded rod makes for easy adjustment. Use with our 17-2682 weld on chassis mount.

17-2682



17-2681

17-2681 Clevis, Limit Strap, Chrome, Pair
17-2682 Forged Clevis Mount, **MUST BE WELDED**, Pair

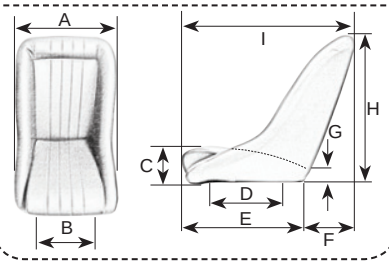
Race Trim® LOW-BACK SEATS

LOW-BACK ROADSTER STYLE SEATS

Low-Back Roadster-Style Seat with a Steel Tube Frame, comfortable foam padding with good lateral and thigh support and a fixed back (no recline), finished in Black Vinyl, Low design that is perfect for Buggies, Kit Cars, VWs and other applications where a super- short seat height is of benefit.

62-2880 Low-Back Roadster-Style Seat, Black, Each

62-2880 SEAT DIMENSIONS



A: 19 1/4”
B: 13 5/8”
C: 5 1/4”
D: 11 3/16”
E: 18”
F: 7 1/2”
G: 2 3/4”
H: 22 3/4”
I: 25 1/2”

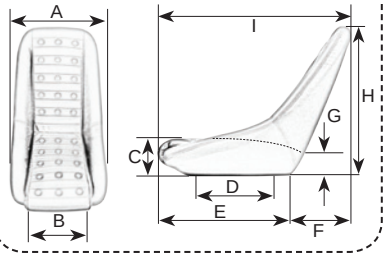
62-2880 and 62-2881 are Universal and do not come with brackets or adaptors, so remember that each application will require custom fitment. Covers are not replacable. This seat has four (4) 8mm x 1.25 female threaded inserts on the bottom.

LOW-BACK ROADSTER STYLE SEATS W/ POLISHED VENT GROMMETS

Low-Back Roadster-Style Seat with a Steel Tube Frame, comfortable foam padding with good lateral and thigh support and a fixed back (no recline), finished in Black Vinyl with Polished Vent Grommets, Low design that is perfect for Buggies, Kit Cars, VWs and other applications where a super- short seat height is of benefit.

62-2881 Low-Back Roadster-Style Seat, Black w/ Polished Vent Grommets, Each

62-2881 SEAT DIMENSIONS



A: 18 3/4”
B: 10”
C: 5 3/4”
D: 12”
E: 18 3/4”
F: 10 1/2”
G: 5”
H: 24 1/4”
I: 29 1/4”

Race Trim seats and products are for off-road vehicles only, not intended for street or highway use

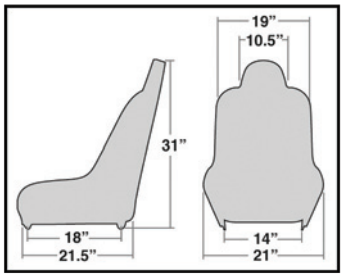
Race Trim® HI-BACK SEATS

62-2777 Black Leather Look Vinyl w/ Carbon Fiber Look Accents

Features:

- New look and feel of leather with the durability of vinyl
- Carbon Fiber look accents
- Fully welded and painted steel frame construction
- Dense foam cushioning
- Weather-proof suspended bladder
- Rigid suspension straps
- 5-Point seat belt slots accept all latch-style belts
- Standard tab style mount point
- Classic square stitch style
- Fixed headrest integrated into frame
- Mounting kits and sliders, see page 479

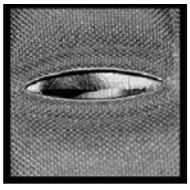
Carbon Fiber Look Accents



The Look & Feel of Leather

Dimensions:

Overall width: 21"
Overall height: 31" (Includes tabs)
Shoulder width: 19"
Mounting point side to side: 14"
Mounting point front to back: 18"



Crotch slot accepts anti-submarine belts

4-Point standard mounting tabs

Grommets away from frame eliminates contact wear

Race Trim seats and products are for off-road vehicles only, not intended for street or highway use

Race Trim® HI-BACK SEATS

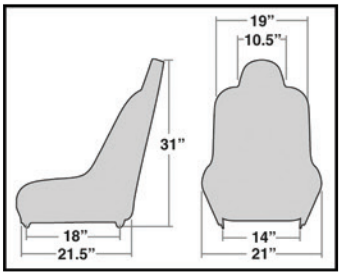
62-2750 Black Vinyl / Tweed Fabric
62-2751 Black Vinyl / Black Fabric
62-2752 Black Vinyl / Black Vinyl

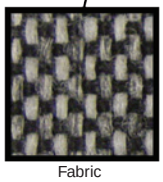
Features:

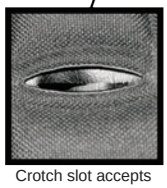
- Fully welded and painted steel frame construction
- Dense foam cushioning
- Weather-proof suspended bladder
- Rigid suspension straps
- 5-Point seat belt slots accept all latch-style belts
- Standard tab style mount point
- Classic square stitch style
- Fixed headrest integrated into frame
- Mounting kits and sliders, see page 479

Dimensions:

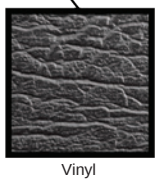
Overall width: 21"
Overall height: 31" (Includes tabs)
Shoulder width: 19"
Mounting point side to side: 14"
Mounting point front to back: 18"




Fabric


Crotch slot accepts anti-submarine belts

4-Point standard mounting tabs


Vinyl

Grommets away from frame eliminates contact wear

Race-Trim seats and products are for off-road vehicles only, not intended for street or highway use

Race Trim® WIDE HI-BACK SEATS

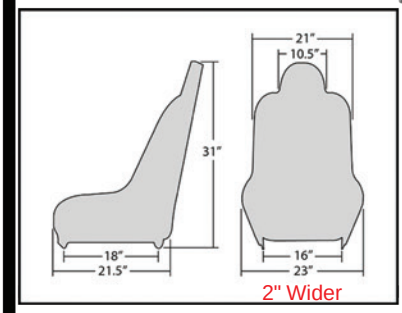
62-2794 Black Vinyl / Black Fabric
62-2795 Black Vinyl / Black Vinyl

Features:

- Extra wide dimension for more relaxed fit
- Two (2) inches wider than standard Hi-Back seat
- Fully welded and painted steel frame construction
- Dense foam cushioning
- Weather-proof suspended bladder
- Rigid suspension straps
- 5-Point seat belt slots accept all latch-style belts
- Standard tab style mount point
- Classic square stitch style
- Fixed headrest integrated into frame
- Mounting kits and sliders, see page 479

Dimensions:

Overall width: 23"
Overall height: 31" (Includes tabs)
Shoulder width: 21"
Mounting point side to side: 16"
Mounting point front to back: 18"



Fabric

Crotch slot accepts anti-submarine belts

4-Point standard mounting tabs

Vinyl

Grommets away from frame eliminates contact wear

Race-Trim seats and products are for off-road vehicles only, not intended for street or highway use

Race Trim® WIDE LOW-BACK SEATS WITH ADJUSTABLE HEADREST

62-2766	Black Vinyl / Tweed Fabric
62-2767	Black Vinyl / Black Fabric
62-2768	Black Vinyl / Black Vinyl

62-2768
100% Vinyl Contemporary Stitch Pattern

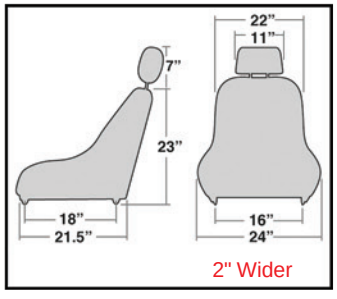
Adjustable Headrest (Up/down/angle)

Features:

- Extra wide dimension for more relaxed fit
- Two (2) inches wider than standard Hi-Back seat
- Fully welded and painted steel frame construction
- Dense foam cushioning
- Weather-proof suspended bladder
- Rigid suspension straps
- 5-Point seat belt slots accept all latch-style belts
- Standard tab style mount point
- Classic square stitch style - on all fabric
- 2 way adjustable headrest
- Mounting kits and sliders, see page 479

Dimensions:

Overall width: 24"
Overall height: 23"
(Includes tabs, without headrest)
Shoulder width: 22"
Mounting point side to side: 16"
Mounting point front to back: 18"



Crotch slot accepts anti-submarine belts

4-Point standard mounting tabs

Vinyl

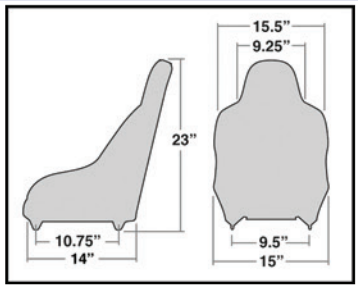
Grommets away from frame eliminates contact wear

62-2766

62-2767

Race-Trim seats and products are for off-road vehicles only, not intended for street or highway use

Race Trim® CHILD SEAT



62-2771

62-2771 Black Vinyl / Black Fabric

Features:

- Fully welded and painted steel frame construction
- Dense foam cushioning
- Weather-proof suspended bladder
- Rigid suspension straps
- 5-Point seat belt slots accept all latch-style belts
- Standard tab style mount point
- Classic square stitch style

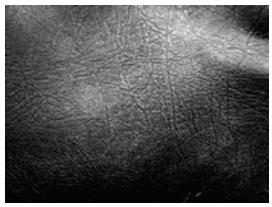
Dimensions:

Overall width: 15"
Overall height: 23" (Includes tabs)
Shoulder width: 15.5"
Mounting point side to side: 9.5"
Mounting point front to back: 10.75"

RACE-TRIM SEAT MATERIAL

Making a bench back seat? Ice cooler cover? Or maybe a repair. The same quality material used on our race suspension seats is available in bulk sections. 1.4M x 1M (50" x 40") for the perfect match.

62-2753	Black Vinyl, 1.4M Wide x 1M Long
62-2754	Black Cloth, 1.4M Wide x 1M Long
62-2755	Tweed Cloth, 1.4M Wide x 1M Long
62-2756	Tan Cloth, 1.4M Wide x 1M Long
62-2757	Tan Vinyl, 1.4M Wide x 1M Long
62-2758	Light Grey Cloth, 1.4M Wide x 1M Long
62-2749	Light Grey Vinyl, 1.4M Wide x 1M Long
62-2748	New Black Vinyl, 1.4M Wide x 1M Long (Used on 62-2777)



62-2753

62-2470

RACE-TRIM SHOWROOM SEAT DISPLAY

Dress up your show room with a Race-Trim seat mounted to an attractive seat display. Perfect for a "Test Sit". Display fits most seat sizes and types. The universal design will fit all Jeep® Seats High and Low Back. It will also fit all front Off-Road Seats, excluding Child and Rhino Seats. Complete with hardware and black finish.

62-2470 Race-Trim Showroom Seat Display w/ Hardware - Painted Black

Race-Trim seats and products are for off-road vehicles only, not intended for street or highway use

Race Trim® REAR BENCH SEATS WITH ADJUSTABLE HEADREST

48" REAR BENCH SEAT

62-2806	Black Vinyl / Tweed Fabric
62-2807	Black Vinyl / Black Fabric
62-2808	Grey Vinyl / Grey Fabric
62-2809	Tan Vinyl / Tan Fabric

62-2808

SHIPPED BY TRUCK ONLY

51" REAR BENCH SEAT

62-2810	Black Vinyl / Tweed Fabric
62-2811	Black Vinyl / Black Fabric
62-2812	Grey Vinyl / Grey Fabric
62-2813	Tan Vinyl / Tan Fabric

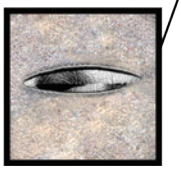
Features:

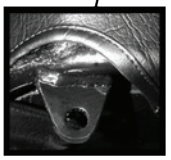
- Extra wide dimension for more relaxed fit
- Fully welded and painted steel frame construction
- Dense foam cushioning
- Weather-proof suspended bladder
- Rigid suspension straps
- 5-Point seat belt slots accept all latch-style belts
- Standard tab style mount point
- Classic square stitch style - on all fabric
- 2 way adjustable headrest

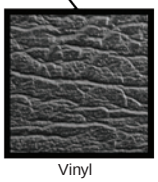
Dimensions:

Overall width: 48"
Overall height: 25"
(Includes tabs, without headrest)
Shoulder width: 46"
Mounting point side to side: 41"
Mounting point front to back: 14.75"

Fabric

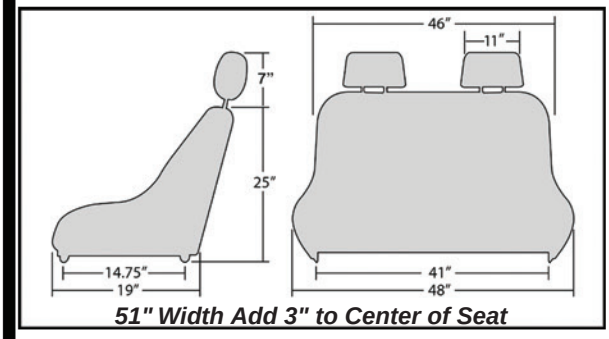

Crotch slot accepts anti-submarine belts


4-Point standard mounting tabs


Vinyl

Grommets away from frame eliminates contact wear

Adjustable Headrest (Up/down/angle)



51" Width Add 3" to Center of Seat

62-2806

62-2807

62-2809

Race-Trim seats and products are for off-road vehicles only, not intended for street or highway use

RACE-TRIM SEAT MOUNTS & SLIDERS

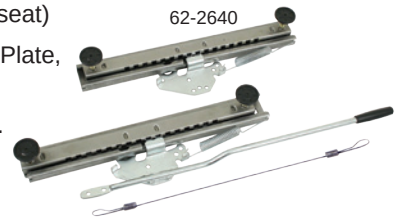
Race-Trim makes it easy to mount their seats or other seats into most any application with these universal mounts and sliders. Mounts are designed to raise the seat apprx. 4 inches (low mount) or 6 inches from the floor surface. Choose from a slider only for driver/passenger or slider on the driver side and tilt for the passenger side. Mount kits come complete with the slider mechanism where applicable. Sliders are available for custom applications where you want to fabricate your own mounting arrangement. Slider only's are supplied as a per seat set. Sliders have a travel distance of 7+ inches.

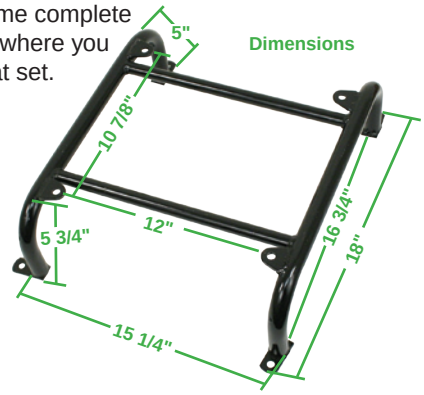
62-2640 Universal Seat Slider Only, Pr. (1-seat)

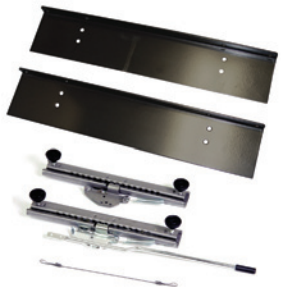
62-2641 Universal Seat Slider & Mounting Plate, Pr. (1-seat)

62-2644 Seat Mount Kit, Slide/Slide, 6", Pr.

62-2645 Seat Mount Kit, Slide/Tilt, 6", Pr. (Cannot use on wide seats.)


62-2640




62-2641

62-2644

62-2645

RACE-TRIM LOW MOUNT SEAT MOUNTS

Mounts are designed to raise the seat apprx. 4 inches (Low mount) from the floor surface.
See above for sliders only.

62-2655 Seat Mount Kit, Slide/Tilt, 4" (Low Mount), Pr. (Cannot use on wide seats.)

62-2656 Seat Mount Kit, Slide/Slide, 4" (Low Mount), Pr.

62-2655

62-2656

Race Trim seats and products are for off-road vehicles only, not intended for street or highway use

RaceTrim UTV/SIDExSIDE SEATS

Adjustable Headrest
(Up/down/angle)

62-2815

SEATS SHIPPED BY TRUCK ONLY

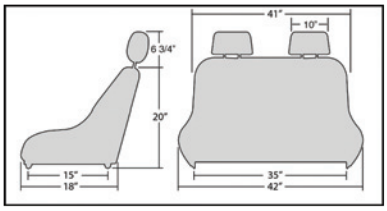
42" UTV/SIDExSIDE REAR BENCH W/ ADJ. HEADRESTS

62-2814 Black Vinyl / Black Fabric
62-2815 Grey Vinyl / Grey Fabric
62-2818 Black Vinyl / Black Vinyl

Fits Yamaha Rhino®

Features:

- Fully welded and painted steel frame construction
- Dense foam cushioning
- Weather-proof suspended bladder
- Rigid suspension straps
- Standard tab style mount point
- Classic square stitch style



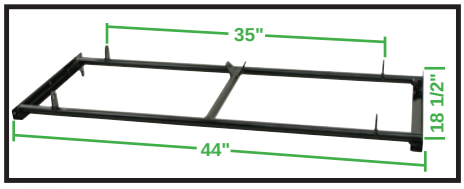
42" UTV Rear Bench Dimensions:

Overall width: 42"
Overall height: 20" (Includes tabs, without headrest)
Shoulder width: 41"
Mounting point side to side: 35"
Mounting point front to back: 42"

RACE-TRIM MOUNT FOR RHINO 42" BENCH SEAT

62-2822 Mount for 42" Seat, Each

Fits Yamaha Rhino®

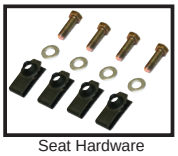


62-2822 Bench Mount

Rear Bench Mount Hardware

Adjustable Headrest
(Up/down/angle)

62-2816


Seat Hardware

Vinyl

Fabric

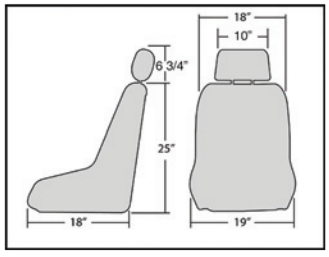
Grommets away from frame eliminates contact wear

UTV/SIDExSIDE LOW BACK W/ ADJ. HEADRESTS

62-2816 Black Vinyl / Black Fabric
62-2820 Black Vinyl / Black Vinyl

Comes With Mounting Hardware

Fits Yamaha Rhino® and ArcticCat Prowler®



UTV Low Back Dimensions:

Overall width: 19"
Overall height: 25"
(Includes tabs, without headrest)
Shoulder width: 18"
Mounting point side to side: 15"
Mounting point front to back: 13"

Yamaha Rhino and ArcticCat Prowler are registerd trademarks of Yamaha and ArcticCat

Race-Trim seats and products are for off-road vehicles only, not intended for street or highway use

POLY BUCKET SEATS AND COVERS

EMPI's super strong double walled polyethylene High and Low Back Seats just got better. The seat and back areas have been re-contoured for added comfort and lumbar support. The finish has been upgraded for a great show car look. EMPI seats feature a strong double wall shell, contemporary design, permanent-mounting inserts molded into the base, slots for seat belts and shoulder straps. Use without seat covers for low maintenance or add our thickly padded high grade vinyl covers in black or assorted colors with (2) snap fasteners for that one-off custom look and added comfort. Seat covers now come with two harness slots making them usable on many manufacturers' poly seats. EMPI molded into the plastic. Now uses 6 - 10mm x 1.5 threaded inserts.

62-2310 62-2353 62-2350 62-2351 62-2352

POLY HIGH BACK SEATS

62-2300	High Back Poly Comfort Seat
62-2310	Seat Cover, Black w/Square Pattern, Each
62-2350	Seat Cover, Black/Yellow w/Square Pattern, Each
62-2351	Seat Cover, Black/Red w/Square Pattern, Each
62-2352	Seat Cover, Black/Blue w/Square Pattern, Each
62-2353	Seat Cover, Black/Grey w/Square Pattern, Each

2 Harness Slots in All High Covers

Snap Fasteners (2 Sets)

POLY LOW BACK SEATS

62-2400	Low Back Poly Comfort Seat
62-2408	Seat Cover, Black w/Square Pattern, Each
62-2409	Seat Cover, Black/Yellow w/Square Pattern, Each
62-2410	Seat Cover, Black/Red w/Square Pattern, Each
62-2411	Seat Cover, Black/Blue w/Square Pattern, Each
62-2412	Seat Cover, Black/Grey w/Square Pattern, Each

62-2408

62-2409 62-2410 62-2411 62-2412

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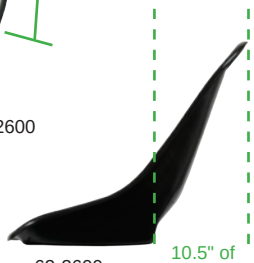
PLASTIC BUCKET SEATS AND COVERS

Far superior to fiberglass versions, these plastic seats are made from high impact plastic. For additional comfort use our custom pre-made diamond or square pattern seat covers. Covers are also available in colored square pattern, and have a draw string for easy removal.
(Note: Seat covers will also fit fiberglass seats.)

3880 3882 62-2613 62-2611 62-2612 62-2610



PLASTIC LOW BACK SEAT & COVERS

62-2600	Plastic Low Back Seat UPS+
3880	Seat Cover, Black Diamond Pattern, Each
3882	Seat Cover, Black Square Pattern, Each
62-2610	Seat Cover, Black/Yellow Square Pattern, Each
62-2611	Seat Cover, Black/Red Square Pattern, Each
62-2612	Seat Cover, Black/Blue Square Pattern, Each
62-2613	Seat Cover, Black/Grey Square Pattern, Each
62-2603	Seat Foam Kit for P/N: 62-2600 Style Seat, Each

FIBERGLASS SEATS & COVERS

Our Fiberglass seats are made from heavy mat and finished with a durable gel coat. They are adaptable to a wide range of applications. For comfort and safety we strongly recommend that our custom pre-made covers be used. Covers are available in black vinyl with a diamond or square pattern and have a draw string for easy removal.

3859

3861

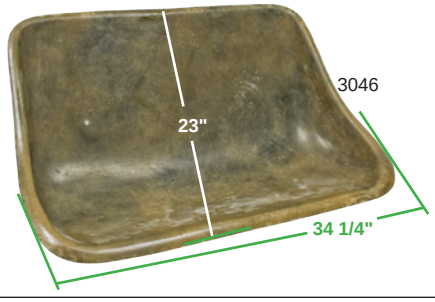
HIGH BACK SEAT COVERS

3859	Seat Cover, Black Square Pattern

LAY-BACK SEAT COVERS

3861	Seat Cover, Black Square Pattern

BUGGY REAR FIBERGLASS BENCH SEAT



3046	Rear Bench Seat, 34 1/4" Widest Point, 23" Top to Bottom (End to End Lengths) UPS+
3047	Rear Bench Seat, 37 3/4" Widest Point, 23" Top to Bottom (End to End Lengths) UPS+
3059	Seat Cover, Black Diamond, 34 1/4" (Base @ Seam 27 1/2")
3061	Seat Cover, Black Diamond, 37 3/4" (Base @ Seam 31")

3046 with 3059 Cover

3075
(Rear Well Area)

REAR WELL & CARGO AREA CARPET KITS

Matching carpet to cover the rear wheel well and cargo area behind the rear seat - or, with the Baja Bug Kit - carpet the rear area having taken the seat out.

3075	54-77 Baja Bug Sedan Rear Well Carpet Kit, 4-Piece, Black Covers back seat and cargo area including wheel wells when rear seat has been removed.

Race-Trim seats and products are for off-road vehicles only, not intended for street or highway use

CROW DRIVER RESTRAINT SYSTEMS

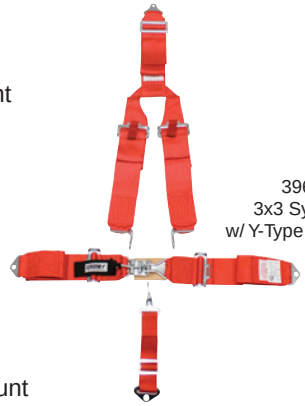
Crow Enterprise Driver Restraint Systems are SFI Approved (SFI-16.1) and feature Latch & Link with built-in Latch Guard, Lap Belt Pull Down adjustment and are offered in different styles and colors. (Not for Competition Use)

CROW SAFETY GEAR
MADE IN USA

CROW 3x3 SYSTEM WITH Y-TYPE HARNESS

System with 50" Floor Mount Seat Belt (Bolt-In), Y-Type Floor Mount Harness and Anti-Sub Belt (Bolt-In).
(Not for Competition Use)

3964 3" Lap Belt, 3" Y Harness, Anti-Sub, Blue
3965 3" Lap Belt, 3" Y Harness, Anti-Sub, Red
3966 3" Lap Belt, 3" Y Harness, Anti-Sub, Black
3967 3" Lap Belt, 3" Y Harness, Anti-Sub, Grey

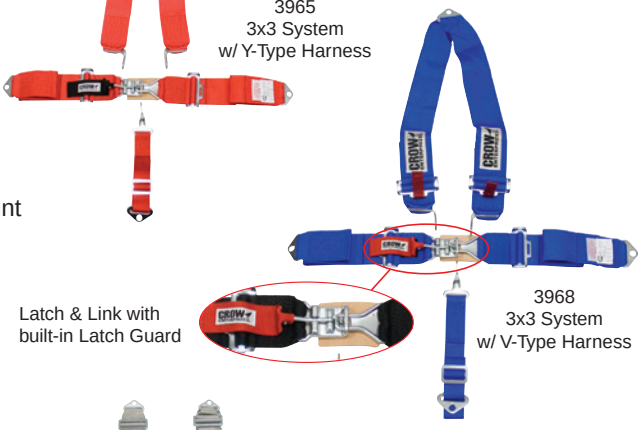


3965
3x3 System
w/ Y-Type Harness

CROW 3x3 SYSTEM WITH V-TYPE HARNESS

System with 50" Floor Mount Seat Belt (Bolt-In), V-Type Bolt-In Mount Harness and Anti-Sub Belt (Bolt-In).
(Not for Competition Use)

3968 3" Lap Belt, 3" V Harness, Anti-Sub, Blue
3969 3" Lap Belt, 3" V Harness, Anti-Sub, Red
3970 3" Lap Belt, 3" V Harness, Anti-Sub, Black
3971 3" Lap Belt, 3" V Harness, Anti-Sub, Grey



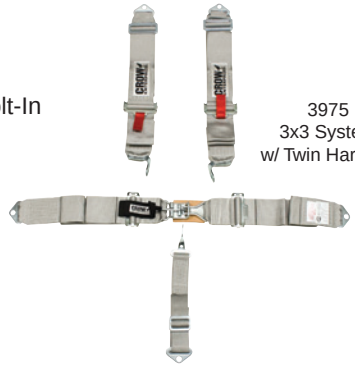
Latch & Link with
built-in Latch Guard

3968
3x3 System
w/ V-Type Harness

CROW 3x3 SYSTEM WITH TWIN HARNESS

System with 50" Floor Mount Seat Belt (Bolt-In), Individual Twin Bolt-In Harness and Anti-Sub Belt (Bolt-In).
(Not for Competition Use)

3972 3" Lap Belt, 3" Twin Harness, Anti-Sub, Blue
3973 3" Lap Belt, 3" Twin Harness, Anti-Sub, Red
3974 3" Lap Belt, 3" Twin Harness, Anti-Sub, Black
3975 3" Lap Belt, 3" Twin Harness, Anti-Sub, Grey



3975
3x3 System
w/ Twin Harness

CROW 3x2 SYSTEM WITH Y WRAP-AROUND HARNESS

3" 50" Floor Mount Seat Belt (Bolt-In) and Y-Type Wrap Around Harness. Not SFI Approved. (Not for Competition Use)

3976 3" Lap Belt, 2" Y Wrap-Around Harness, Blue (Not for Competition Use)
3977 3" Lap Belt, 2" Y Wrap-Around Harness, Red (Not for Competition Use)
3978 3" Lap Belt, 2" Y Wrap-Around Harness, Black (Not for Competition Use)
3979 3" Lap Belt, 2" Y Wrap-Around Harness, Grey (Not for Competition Use)

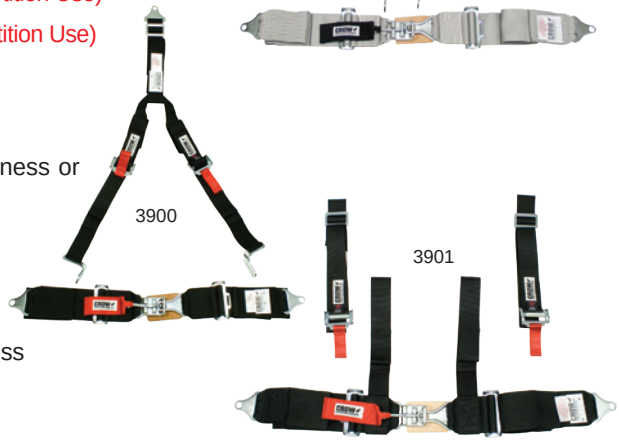
3979

CROW 3x2 4-POINT SYSTEMS

3" 50" Floor Mount Seat Belt (Bolt-In) with either a Y-Type Bolt-In Harness or Individual Twin Bolt-In Harness. (Not for Competition Use)

3900 3" x 2" 4-Point System with 2" Y-Type Bolt-In Harness 50" Floor Mount (Bolt-In), Black, Each (Not for Competition Use)

3901 3" x 2" 4-Point System with Individual 2" Twin Bolt-In Harness 50" Floor Mount (Bolt-In), Black, Each (Not for Competition Use)



3900

3901

CROW SAFETY GEAR
MADE IN USA

CROW 2” SEAT BELT & HARNESS ASSEMBLY

Combination Standard-Style Seat Belt with Buckle and a sewn-in Shoulder Harness made of OEM type material. Great for fun buggies and other slow-mph applications. Not SFI Approved. (Not for Competition Use)

3989 2" x 2" Lap Belt W/Standard Seat Buckle w/ Y Harness (Wrap Around), Black Only (Not for Competition Use)

CROW 3" LAP BELTS

Snap-In Belt or Bolt-In Belt. (Not for Competition Use)

3902 3” Lap Belt Only, Snap-In, 50" Floot Mount, Black, Each (Not for Competition Use)

3903 3” Lap Belt Only, Bolt-In, 50" Floor Mount, Black, Each (Not for Competition Use)

CROW 2" SHOULDER HARNESS

V-Type Bolt-In Harness, Y-Type Wrap-Around Harness or Individual Twin Bolt-In Harness (Not for Competition Use)

3904 2” Shoulder Harness only, V-Type Bolt-In Mount, Black Each (Not for Competition Use)

3905 2” Shoulder Harness only, Y-Type Wrap-Around Mount, Black, Each (Not for Competition Use)

3906 2” Shoulder Harness only, Individual Twin Bolt-In Mount, Black, Each (Not for Competition Use)

CROW SAFETY GEAR
MADE IN USA

CROW ANTI-SUBMARINE BELT

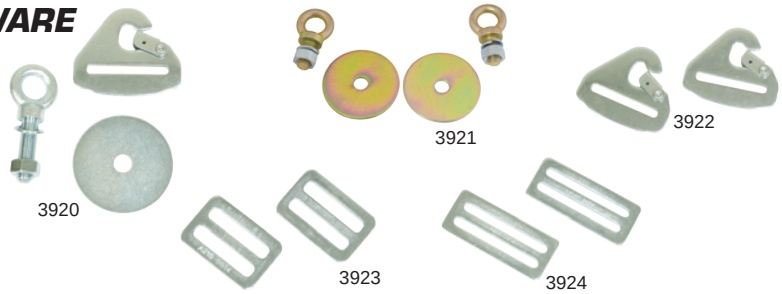
Helps prevent lap belts from moving, changing position or becoming loose. Used with Latch & Link systems. (Not for Competition Use)

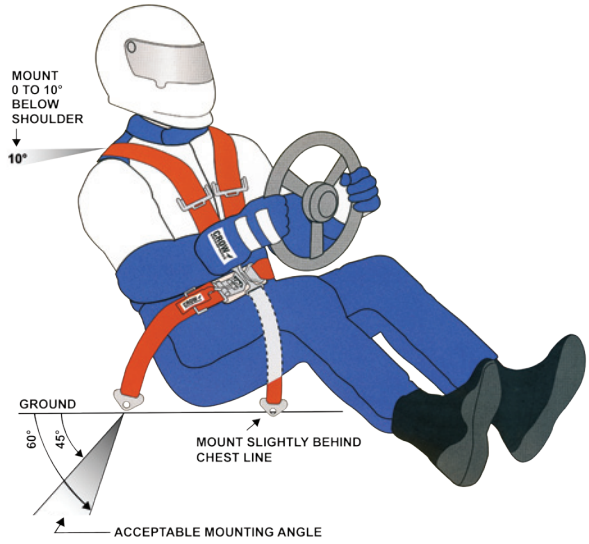
MADE IN USA

3985	2" Anti-Sub Belt Only, Blue
3986	2" Anti-Sub Belt Only, Red
3987	2" Anti-Sub Belt Only, Black
3988	2" Anti-Sub Belt Only, Grey

CROW BELT & HARNESS HARDWARE

3920	Snap (Flat) & Eye Bolt Kit
3921	Eye Bolt Kit (2 Sets)
3922	Flat 2" Snap, Pair
3923	3-Bar Slide, 2", Pair
3924	3-Bar Slide, 3", Pair

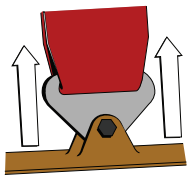




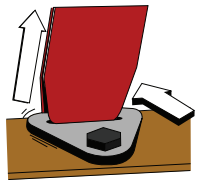
MADE IN USA

MOUNTING BRACKETS

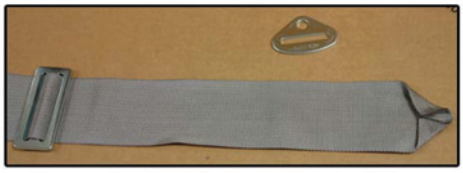
Mounting brackets should be installed at an angle that is compatible with the direction of pull on the webbing under full load.



CORRECT



INCORRECT



FOLD BOTH CORNERS

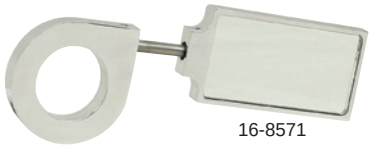
INSERT FOLDED END INTO HARDWARE

PULL THRU AND CONTINUE

SHOULD LOOK LIKE THIS

PULL THRU 3 BAR SLIDE

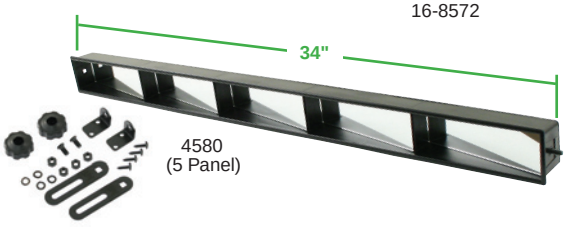
SHOULD LOOK LIKE THIS


16-8571

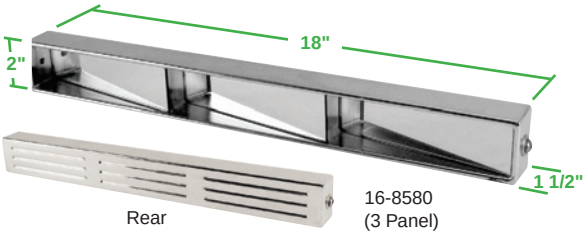
16-8573

16-2047

16-8572

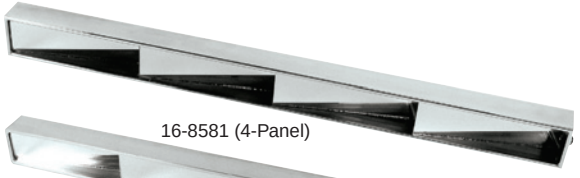


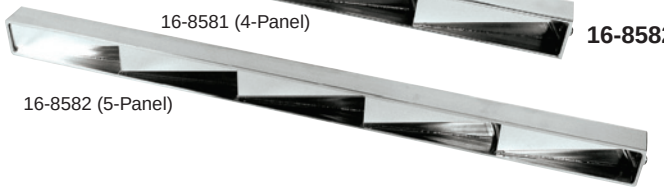
4580
(5 Panel)



Rear

16-8580
(3 Panel)


16-8581 (4-Panel)


16-8582 (5-Panel)

16-8586

16-8585

16-8587

BILLET SIDE & REAR VIEW BUGGY MIRRORS

Let EMPI help you hit the dunes in style with these Polished Billet Aluminum Side and Rear View Mirrors. Available with quick clamp on mount or radiused base screw on mount.

SIDE VIEW MIRRORS

16-8571 Side View, Rectangular, End Pin Clamp On Mirror for 1 1/2" Tubing, 2" x 3 1/2" Mirror

16-8573 Side View, Rectangular, End Pin Radius/Screw Mount Mirror for 1 1/2" Tubing, 2" x 3 1/2" Mirror

REAR VIEW MIRRORS

16-2047 Rear View, Rectangular, Center Pin Clamp On Mirror for 1 1/2" Tubing, 2" x 5" Mirror

16-8572 Rear View, Rectangular, Center Pin Radius/Screw Mount Mirror for 1 1/2" Tubing, 2" x 5" Mirror

5-PANEL REAR VIEW MIRROR

4580 5-Panel Mirror, Complete with Hardware Supplied in Blue / Black and White printed box

3, 4 & 5 PANEL BILLET ALUMINUM REAR VIEW MIRRORS

16-8580 Aluminum 3-Panel R/V Mirror, 18" Wide

16-8581 Aluminum 4-Panel R/V Mirror, 24" Wide

16-8582 Aluminum 5-Panel R/V Mirror, 30" Wide

BILLET MOUNTS FOR 3, 4 & 5 PANEL REAR VIEW MIRRORS

16-8585 Aluminum Mirror Mount, 1 1/2" Radius, Pair

16-8587 Aluminum Mirror Mount, Flat, Pair

16-8586 Aluminum Mirror Mount, Clamp on for 1 1/2" Tubing, Pair

EMPI CHROME OFF-ROAD LIGHTS

Great looks and added night vision make these lights a must on any Baja or Buggy. Your choice of 5" or 6", complete with H3 12-Volt 100 Watt bulb or a 4" mini-version with H3 12-Volt 55 Watt bulb. All lights come complete with mounting hardware and attractive EMPI display packaging. **(Off-Road Use Only)**

16-9150 Chrome Off-Road Light 4", Each (Boxed)
9309 Chrome Off-Road Light 5", Each (Boxed)
9310 Chrome Off-Road Light 6", Each (Boxed)

EMPI LIGHT COVERS FOR CHROME OFF-ROAD LIGHTS

Using these black vinyl covers for both 5" & 6" Empi off-road lights helps you keep from breaking the glass lenses during your daytime fun runs. EMPI "Eyes" give your vehicle some serious attitude! All covers are sold in sets of 2, "Eyes" are sold as left & right = 1 pair.

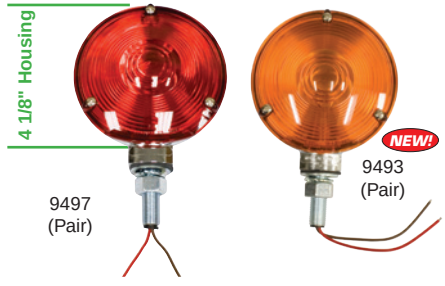
16-9146 5" Light Covers, "Eyes", Pair

16-9148 6" Light Covers, "Eyes", Pair

HEAVY DUTY OFF-ROAD TAIL LIGHTS

Great for all Sandrails, Buggies and Baja Bugs. Chromed heavy duty cast aluminum bodies for good looks and durability. Lights are 4 inch O.D. with a 1/2 inch bolt. Comes with dual filament 12-Volt Bulbs, 2 wires.

9497 H.D. Off-Road Tail Light w/Red Lens, Pair
9493 NEW! H.D. Off-Road Tail Light w/Amber Lens, Pair



L.E.D. OFF-ROAD TAIL LIGHTS

State of the Art L.E.D. circuitry. heavy duty chrome housing. Has both Tail and Stop light circuits. Lights are 4 inch O.D. with a 1/2 inch bolt, 3 wires.

16-9552 L.E.D. Off-Road Tail Light, Pair

OFF-ROAD TAIL LIGHT COVERS

Now you can even give your tail lights the "billet" look! Chrome steel bolt-on covers go right over the existing lense on our P/N: 9497, 9493 and 16-9552 tail lights and provide a great new look for a minimal amount of work.

9498 Off-Road Tail Light Covers, Pair

7" CHROME HEADLIGHT HOUSINGS

The original Dune Buggy Headlights are great for Buggies, Sandrails and Baja Bugs. Uses standard 7", 6 or 12-Volt sealed beam. (Bulbs not included). We now offer this housing with a 12-volt H4 55/60 watt bulb. Pigtail included. 3-Wire Hi / Low Beam. Wires: Green = Low Beam, Red = High Beam, Black = Ground.

9307-7		7" Chrome Headlight Housing Only, Each (Boxed)
9305		7" Chrome Headlight w/12-Volt H4 55/60W Bulb, Each (Boxed)
9311		7" H4 Halogen 55/60W Headlight Bulb Only, Round, Each (Boxed)
9304		7" Sealed Beam Hi/Low Bulb Only, 12 Volt, Each (Boxed)
9303	NEW!	7" Sealed Beam Hi/Low Bulb Only, 6 Volt, Each (Boxed)

HEADLIGHT HOUSING

Designed for use with Baja Kits. Easy installation and adjustment. Features heavy duty plastic housing and chrome trim rings. Uses standard 7" 6 or 12-Volt sealed beam. Pigtail included. 3-Wire Hi / Low Beam. (Bulbs not included)
Wires: Yellow = Low Beam, White = High Beam, Brown = Ground.

3019-7		Headlight Housing w/ Chrome Ring, Each (Boxed)
16-3019		Bulk Replacement Headlight Ring Only
9304		7" Sealed Beam Hi/Low Bulb Only, 12 Volt, Each (Boxed)
9303	NEW!	7" Sealed Beam Hi/Low Bulb Only, 6 Volt, Each (Boxed)
9311		7" H4 Halogen 55/60W Headlight Bulb Only, Round, Each (Boxed)

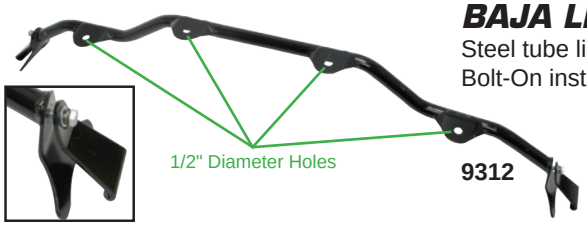
H.D. HEADLIGHT WIRE PIGTAIL

Dim lights? Worn out wires or just old eyes, sometimes it's hard to tell. Start by replacing those existing headlight bulb pigtails with new ones and say good-bye to corrosion, erosion, etc. H.D. plastic plug with color coded 10ga. wires makes these about the best quality there is for this item and that should brighten up your day! 3-Wire Hi / Low Beam. Wires: Yellow = Low Beam, White = High Beam, Brown = Ground.

16-2102	H.D. 3-Prong Headlight Pigtail / Connector

BAJA LIGHT BAR

Steel tube light bar installs 4 lights on any Type 1.
Bolt-On installation - requires NO welding! Includes hardware.



9312	Baja Light Bar, (Black Painted), Each UPS+

MINI & MICRO MINI CHROME LIGHTS

These single and dual filament lights are ideal for clearance, parking, turn signal or tail lights. They feature diecast construction, and the prism lenses diffuse the light beam. Available with red or amber lenses. Comes with 12-Volt Bulbs.

MINI LIGHTS, 2 1/2" X 1 3/4" X 2" (DUAL FILAMENT)

9334	Mini Light w/Red Lens, Each
9335	Mini Light w/Amber Lens, Each
9327	Replacement Dual Filament 12-Volt Bulb, 2 pcs.

MINI LED TAIL LIGHT, 2 1/2" X 1 3/4" X 2"

Has a clear lens. Shows red stoplight and tail light, but goes amber in turn signal mode.

16-9836	Mini LED Tail Light Red/Red/Amber, Each

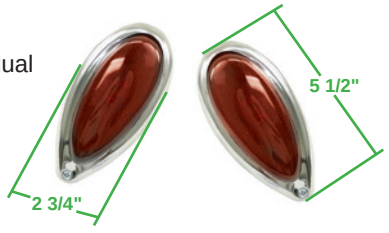
MICRO MINI LIGHTS, 1 3/4" X 1" X 1 1/2" (SINGLE FILAMENT)

9330	Micro Mini Light w/Red Lens, Each
9331	Micro Mini Light w/Amber Lens, Each
9326	Replacement Single Filament 12-Volt Bulb, 2 pcs.

TEARDROP TAIL LIGHTS

Add that Custom 50's Look to your Type 1 or Type 2. Each assembly comes with a dual filament 12-Volt bulb. Requires cutting, fitting and wiring modifications.

9490	Red Teardrop Tail Lights, Pair



BLUE DOTS

The Ultimate 50's accessory! Fits all tail light lenses. Requires careful drilling of lens.

9491	Blue Dot w/Chrome Ring, Pair

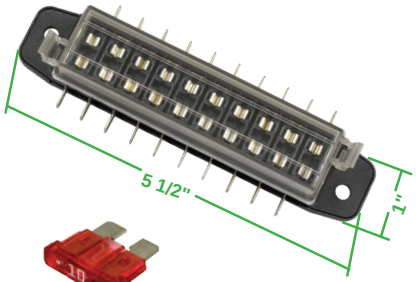
9466

UNIVERSAL WIRE HARNESS W/FUSE BOX

Complete wiring kit includes 6 Panel fuse box, fuses, wire, ends, fittings, electrical tape and instructions. Great for Buggies, Kit Cars and other special applications.

9466	Universal Wire Harness w/Fuse Box
16-9466	6 Panel Fuse Box Only

16-9466



Style of Fuse

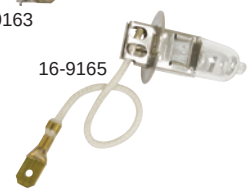
WEATHER-PROOF G.M. STYLE FUSE BOX

Weather-Proof 10-position Fuse Box features Standard Blade style fuse receptacles. A sealed body and a clear top that also seals to the body with an O-Ring. ATC fuses are available in a number of amp sizes, easy to see if blown and are available practically everywhere. Update your buggy or kit car with a modern fuse box.

9470	Weather-Proof G.M. Style Fuse Box

16-9160

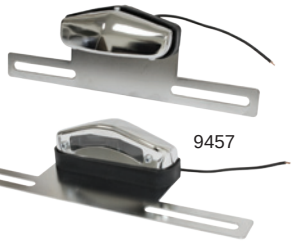
16-9163


16-9165

REPLACEMENT HALOGEN BULBS - H1, H2 & H3

EMPI offers a complete line of halogen headlight bulbs to fit most any application. Pick the style that fits your light and then choose the wattage best suited for your driving conditions. Be sure to check the vehicle's charging capacity to avoid overloading the system (watts ÷ volts = amps). See page 424 for H4 Bulbs.

16-9160	H1 12V 55W Bulb, Each
16-9161	H1 12V 100W Bulb, Each
16-9162	H1 12V 130W Bulb, Each
16-9163	H2 12V 55W Bulb, Each
16-9164	H2 12V 100W Bulb, Each
16-9165	H3 12V 55W Bulb, Each


9457

CHROME LICENSE PLATE LIGHT

Chrome plated heavy gauge steel with built-in license light. Great for Baja Bugs and Buggies. Comes with 12-Volt Bulb. **(Note: When installed on Fiberglass be sure to ground to chassis)**

9457	Chrome License Plate Light w/Bracket

6460

6461

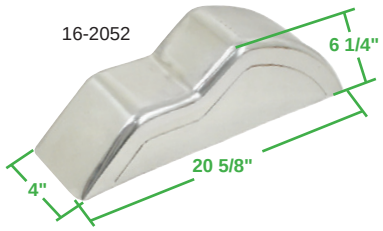
EMPI LICENSE PLATE FRAME

License plate frame with EMPI logo.

6461	EMPI USA License Plate Frame, Front, Each
6460	EMPI USA License Plate Frame, Rear, Each

POLISHED ALUMINUM BUGGY CENTER CONSOLES

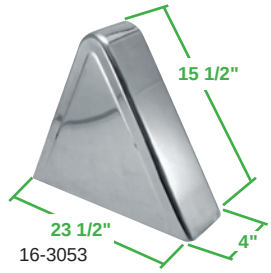
EMPI's universal Buggy Consoles are manufactured from heavy duty aluminum, precision welded and fully polished.

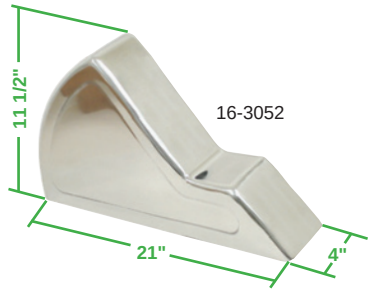


16-2052 Center Console w/o Gauge Holes

16-3052 High Rise Console w/o Gauge Holes

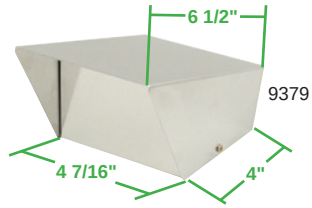
16-3053 Aluminum Tall Center Console, No Holes





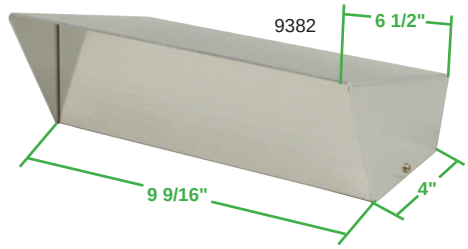
ALUMINUM SWITCH BOXES

A great way to mount gauges, switches and warning lights in cars, trucks, buggies, carts or boats. Protects sensitive electronic gauges and switches from the elements. Rugged brushed aluminum construction and compact design makes them truly universal.



9379 4" Box, w/o Holes
4 1/4" x 3" Face I.D.

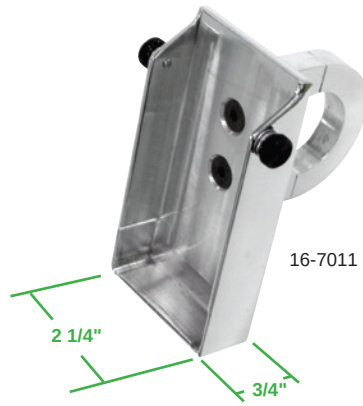
9382 9" Box w/o Holes
9 3/16" x 3" Face I.D.



*See Electrical Pages 435 for Switches and Controls

BILLET GPS MOUNT

Welcome to the 21st century, it's time you take that little bobbing dash compass and throw it as far as you can. GPS is here and can be a real lifesaver when exploring unknown territory. EMPI's polished aluminum GPS mount securely holds your hand held unit in clear view for quick reference. Features polished aluminum construction with adjustable thumb screws to fit most hand held GPS units.



16-7011 Polished Aluminum Billet GPS Mount for 1 1/2" Tubing

Polished Stainless Steel

POLISHED STAINLESS STEEL GAS TANK KITS

Highly Polished Stainless Steel…Great looks and No Rust! Stronger with more durable finish - that won't dull – like polished Aluminum. Available in 5 lengths, 8" and 10" Diameter and include Polished Stainless Steel Straps (2), Stainless Steel Hardware and gas cap. Once our stock of S/S tanks made for the Plastic caps are depleted, we will be shipping S/S tanks with the neck made for the S/S gas cap. Please note that the neck on the tank does not allow for the two caps to interchange. Units being shipped with the S/S caps are noted. All others are still being shipped with the Plastic cap at time of printing of this catalog. **(Off-Road Use Only)**

10" Diameter

STAINLESS STEEL GAS TANKS 10" DIAMETER

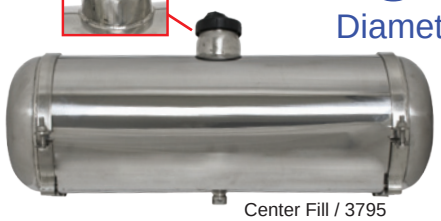
①	**3895**	S/S Gas Tank, 10" X 16", Center Fill, 5 Gallon, S/S Cap
①	**3896**	S/S Gas Tank, 10" X 24", End Fill, 7.7 Gallon, S/S Cap ups+
①	**3885**	S/S Gas Tank, 10" X 24", Center Fill, 7.7 Gallon, S/S Cap ups+
①	**3897**	S/S Gas Tank, 10" X 30", End Fill, 9.5 Gallon, S/S Cap ups+
①	**3886**	S/S Gas Tank, 10" X 30", Center Fill, 9.5 Gallon, S/S Cap ups+
①	**3898**	S/S Gas Tank, 10" X 33", End Fill, 10.7 Gallon, S/S Cap ups+
①	**3887**	S/S Gas Tank, 10" X 33", Center Fill, 10.7 Gallon, S/S Cap ups+
①	**3899**	S/S Gas Tank, 10" X 40", End Fill, 13 Gallon, S/S Cap ups+
	3888	S/S Gas Tank, 10" X 40", Center Fill, 13 Gallon ups+

Plastic Cap

8" Diameter

STAINLESS STEEL GAS TANKS 8" DIAMETER

①	**3789**	S/S Gas Tank, 8" X 16", Center Fill, 3.1 Gallon, S/S Cap
	3796	S/S Gas Tank, 8" X 24", End Fill, 5 Gallon ups+
	3795	S/S Gas Tank, 8" X 24", Center Fill, 5 Gallon ups+
	3798	S/S Gas Tank, 8" X 30", End Fill, 6.1 Gallon ups+
	3797	S/S Gas Tank, 8" X 30", Center Fill, 6.1 Gallon ups+
①	**3800**	S/S Gas Tank, 8" X 33", End Fill, 6.8 Gallon, S/S Cap ups+
	3799	S/S Gas Tank, 8" X 33", Center Fill, 6.8 Gallon ups+



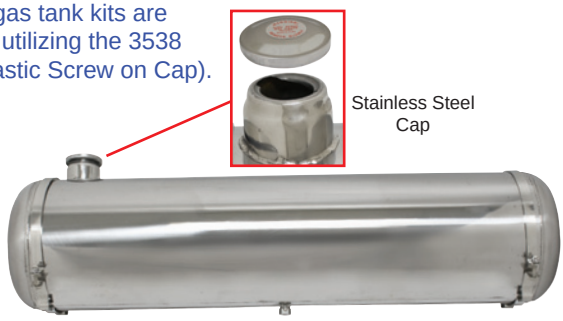
Center Fill / 3795

① Newer production of these gas tank kits are manufactured and supplied utilizing the 3538 metal cap (not the Black Plastic Screw on Cap).

3538

Center Fill / 3885

Center Fill / 3895



Stainless Steel Cap

End Fill / 3899

When installing a fitting or shut-off valve, caution must be taken not to over-torque and crack or break the fuel outlet.

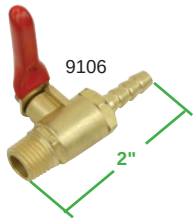
GAS CAPS

3538	Stainless Steel Replacement Gas Cap, Each All Aluminum and new Stainless Steel Tanks
16-3538	Billet Gas Cap, S/S Design, Each All Aluminum and new Stainless Steel Tanks
17-2760	Replacement Black Plastic Gas Cap, Each
17-2761	Billet Aluminum Screw-On Gas Cap for S/S Tanks, Each

FUEL SHUT-OFF VALVE

Fits both stainless steel and aluminum gas tanks.

9106 Fuel Shut-Off Valve, 1/4" Hose x 1/4" NPT



FLIP-TOP FUEL FILLER CAP

This polished aluminum Fuel Filler Cap features a spring action top with a spring-loaded latch. Quick action for fast fueling…and never worry about losing your gas cap. Perfect for buggies or bajas, it is vented and features a convenient mounting flange. Fits any 2" opening.

16-6033 Flip Top Fuel Filler Cap

FUEL TANK FILLER BUNG AND CAP

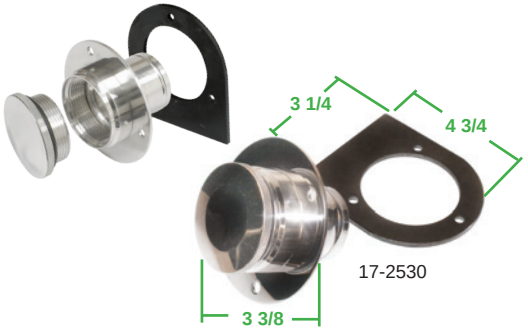
Aluminum bung, cap, and o-ring for custom fuel tanks.

17-2529 Bung, Fuel Tank, 3 pc. Set

REMOTE FILLER NECK AND CAP

This aluminum filler neck and cap are supplied with a weld-on bracket. Great for mounting the filler cap outside of the vehicle and running a hose to your fuel tank or fuel cell. Two inch filler hose required.

17-2530 Remote Filler Neck, 3 pc. Set



BILLET ALUMINUM TANK GAS CAP ACCESSORIES

Billet aluminum gas cap is made from fully polished 6061 T-6 aluminum.

16-3538 Billet Gas Cap, S/S Design, Each
All Aluminum and new Stainless Steel Tanks

REPLACEMENT PARTS & ACCESSORIES

3536 Replacement Mounting Bracket, 8" Dia., Black
Mount Holes 4" Apart, 3/4" Wide, Each

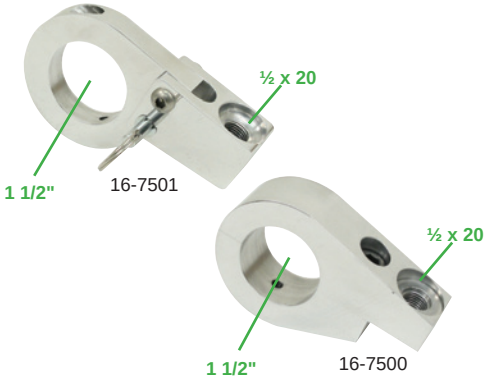
3537 Replacement Mounting Bracket, 10" Dia., Black
Mount Holes 5" Apart, 3/4" Wide, Each

3538 Stainless Steel Replacement Gas Cap, Each
All Aluminum and new Stainless Steel Tanks

STAINLESS STEEL FUEL TANK BRACKETS

17-2929 Replacement Polished Stainless Steel 10" Dia. Fuel Tank Bracket w/ S/S Hardware, 3/4" Wide, Each

17-2936 Replacement Polished Stainless Steel 8" Dia. Fuel Tank Bracket w/ S/S Hardware, 3/4" Wide, Each



BILLET LIGHT POLE MOUNTS

No more welding or drilling to mount your whip light pole, just clamp on one of these great Aluminum Billet Mounts and you are off to the races. Better yet, the Lay Down Mount with stainless steel "Pit-Pin" allows you to fold down the pole without removal. (Use with P/N: 16-1010 Base Mount)

16-7501 Billet Aluminum Fold Down Pole Mount for 1 1/2" Tubing
16-9571 Billet Aluminum Fold Down Pole Mount for 1 3/4" Tubing

16-7500 Billet Aluminum Pole Mount for 1 1/2" Tubing

BAJA & BUGGY LIGHT POLES ACCESSORIES

Make sure they see you coming before you crest that dune! Add a light to your pole by using P/N: 16-1010...even personalize with your choice of color with our optional lamp shields.

16-1010 Base Mount for Light Pole, 1/2" x 20 Female Threads

16-1009 Standard Bulb for Light Pole
16-1013 Chrome Cap for Lamp Shield

16-1004 Lamp Shield, Red, Each
16-1005 Lamp Shield, Amber/Yellow, Each
16-1007 Lamp Shield, Blue, Each

SHAPED BILLET BRACKET

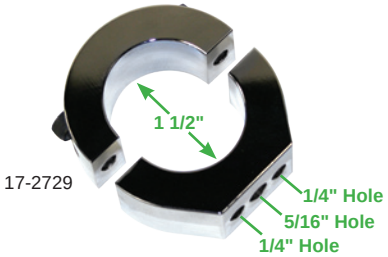
Shaped with a single post. Use to mount mirrors, lights, etc. Available for 1 1/2" and 1 3/4" tubing.

17-2730 Shaped Bracket, Billet, 1 1/2", 3/8-16 Threads, Each
17-2882 Shaped Bracket, Billet, 1 1/2", 8mm x 1.25 Threads, Each
17-2731 Shaped Bracket, Billet, 1 3/4", 3/8-16 Threads Each

BILLET LIGHT MOUNT BRACKET

Designed with the billet "bullet" style headlights in mind. Right and Left hand brackets for 1 1/2" tubing.

17-2742 Light Mount Bracket, Billet, Pair



BILLET BRACKET, EXTRA WIDE

A 1" wide single hole bracket. Fits 1 1/2" tubing. Great for a tachometer mount.

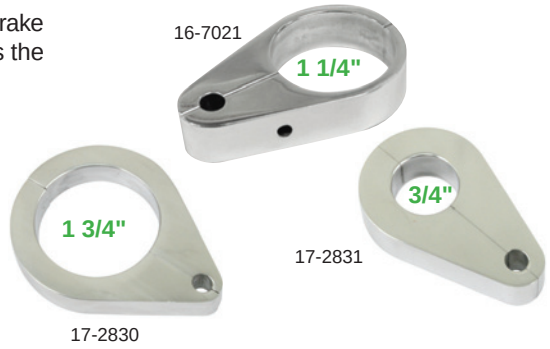
17-2729 Billet Bracket, Extra Wide, Each

BILLET ALUMINUM BRAKE LINE BRACKET

EMPI's billet aluminum brake line brackets provide the high tech solution to brake line mounting. Split clamping design allows for quick, easy placement plus the ability to relocate without leaving a mounting hole. Fits 3/16" brake line.

17-2831 Polished Aluminum Brake Line Bracket, 3/4"
17-2832 Polished Aluminum Brake Line Bracket, 1"
16-9569 Polished Aluminum Brake Line Bracket, 1 1/2"

16-7021 Polished Aluminum Brake Line Bracket,1 1/4"
Front Brake Line, Long-Travel A-Arm Suspension
17-2830 Billet Brake Line Bracket, Swing Axle, 1 3/4"
Rear Brake Line - Clamps to Swing Arm



BILLET ALUM. UNIV. TACH MOUNT BRACKET

EMPI's Billet Aluminum Bracket makes mounting your monster style tach quick and easy. Polished mount clamps onto 1 1/2" tubing and has 1" wide pivoting mount block for the tach band to bolt to. Check your tach mounting point for width. Spacers and longer bolts may be required.

16-7023 Polished Alum. Univ. Tach Mount Bracket for 1 1/2" tubing

SIDE DRILLED BILLET BRACKETS 3 1/2" WIDE

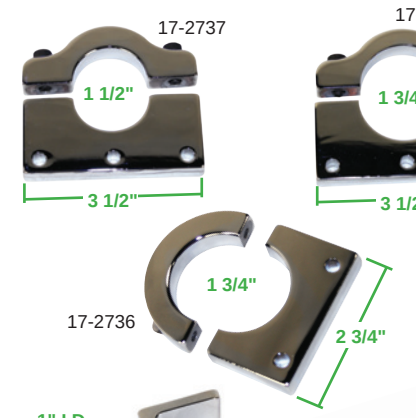
Available for 1 1/2" and 1 3/4" tubing.

17-2737 Side Drilled Bracket, Billet, 1 1/2", Each
17-2738 Side Drilled Bracket, Billet, 1 3/4", Each

SIDE DRILLED BILLET BRACKETS 2 3/4" WIDE

Available for 1 3/4" tubing.

17-2736 Side Drilled Bracket, Billet, 1 3/4", Each



BILLET FOOT REST

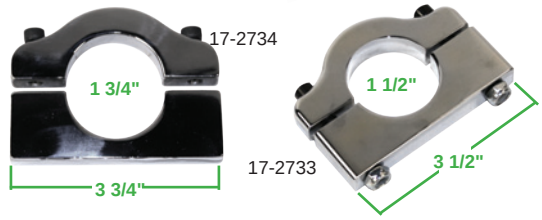
Fits 1" tubing. The foot pad position is adjustable.

17-2741 Foot Rest, Billet, Each

BILLET BRACKET, UNDRILLED

Available for 1 1/2" and 1 3/4" tubing. The 1 1/2" bracket is a thru-bolt design and the 1 3/4" bracket has threaded bolts and is 3 3/4" wide.

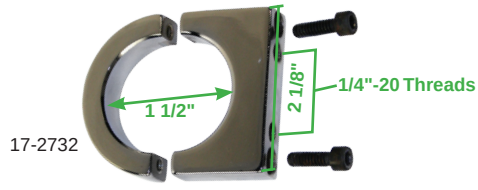
17-2733 Billet Bracket, Undrilled, 1 1/2", Each
17-2734 Billet Bracket, Undrilled, 1 3/4", Each

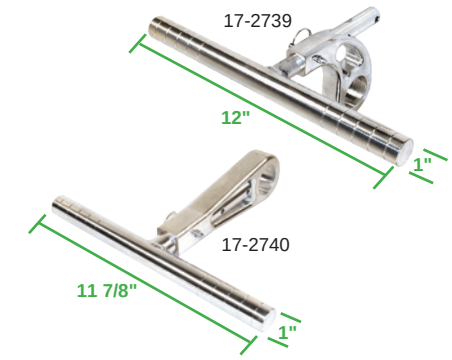


BILLET BRACKET, NARROW

Fits 1 1/2" tube, 2 1/8" wide.

17-2732 Billet Bracket, Narrow, Each





BILLET GRAB HANDLES

Clamp on billet grab handles. Available in 2 styles: straight and angled. Fits 1 1/2" tubing.

17-2739 Billet Grab Handle, Angled, Each
17-2740 Billet Grab Handle, Straight, Each

90 DEGREE GRAB HANDLES / FOOT REST

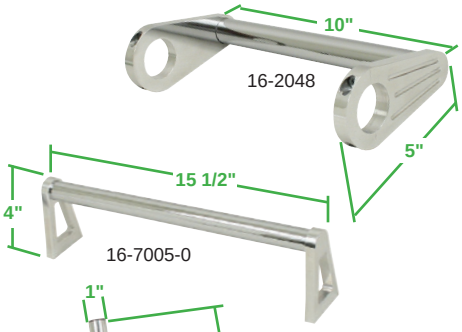
Weld-in, pre-bent grab handles are radiused on the ends for a clean fit. Available raw or chrome. The tube diameter is 1".

17-2748 90 Degree Grab Handle, Raw, Each
17-2749 90 Degree Grab Handle, Chrome, Each

45 DEGREE GRAB HANDLE / FOOT REST

A slightly different look. These weld-in tubes are bent at a 45 degree angle. The ends are radiused for a clean fit. Available raw or chrome. The tube diameter is 1"

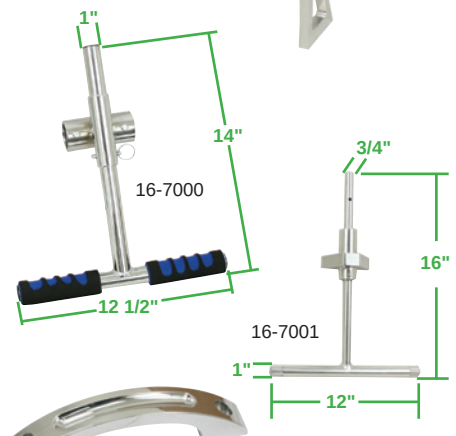
17-2755 45 Degree Grab Handle, Raw, Each
17-2756 45 Degree Grab Handle, Chrome, Each



BILLET ALUMINUM BUGGY GRAB BAR & FOOT REST

Hold on tight and keep your feet firmly planted with our Billet Aluminum Grab Bar and Foot Rest.

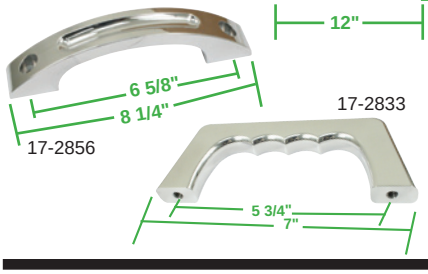
16-2048 Billet Grab Bar, For 1 1/2" Tubing
16-7005 Billet Foot Rest, Direct Mount



ADJUSTABLE GRAB HANDLES

Something to hold on to. Give your riders the extra safety of a firm handhold. Both have a telescoping length adjustment to suit tall or short passengers and soft rubber grips (P/N: 16-7000) for a secure hold. Choose from the heavy walled steel tube type with dual half cap clamp design that is chrome plated or the fully polished Billet Aluminum Adjustable type with radius mount and sleeved housing. Both are designed to fit 1 1/2" frame tubing.

16-7000 Adjustable Steel/Chrome Grab Handle
16-7001 Adjustable Billet Aluminum Grab Handle



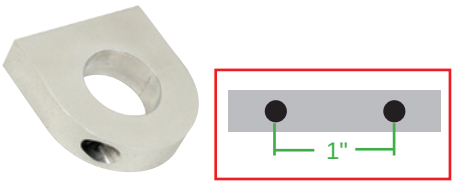
BILLET GRAB HANDLE

Get a Grip! Bolt-on billet grab handles with grip or smooth design.

17-2833 Billet Grab Handle, 5/16" Hole, Each
17-2856 Billet Grab Handle, 5/16" x 18, Each

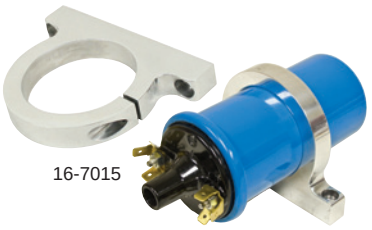
BILLET MOUNTS AND BRACKETS

Combine function and beauty with these custom machined and fully polished aluminum Billet mounts and brackets. All 4 universal mounts have the same 1/4"-20 x 1" mounting screw spacing to make them interchangeable for various accessories.



16-7007

16-7007	Billet Universal Mount for 1" Tubing
16-7008	Billet Universal Mount for 1 1/4" Tubing
16-7009	Billet Universal Mount for 1 1/2" Tubing
16-9570	Billet Universal Mount for 1 3/4" Tubing


16-7015

16-7015	Billet Coil Clamp Only *Shown with Coil Installed*

BILLET OFF-ROAD REGISTRATION STICKER BRACKET

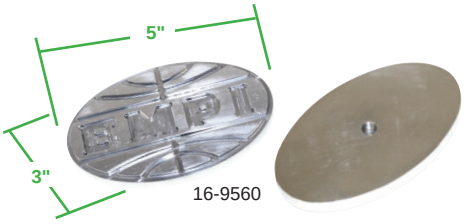
Many states require the registration of off-road vehicles and issue a sticker that must be displayed on the vehicle. EMPI's polished aluminum sticker bracket provides a clean conspicuous way to display your sticker. 4 1/4" x 2 3/4" plate accommodates most stickers. Use any universal mount from above to accommodate mounting for your application.

16-7020

16-7020	Off-Road Registration Sticker Bracket

EMPI BILLET ALUMINUM STEP

As featured on EMPI's own "Sand Pincher" Sand Rail, these Polished Billet Steps add flare to your tall, long travel sand rail foot pegs. 3/8" x 24 threaded hole.



16-9560

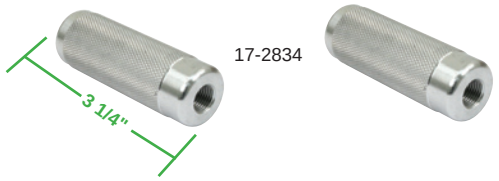
16-9560	EMPI Billet Aluminum Step, Pr.

BILLET SHOCK RESERVOIR CLAMPS

Available for 2.0" reservoirs. Fits 1 1/2" tubing.

17-2710

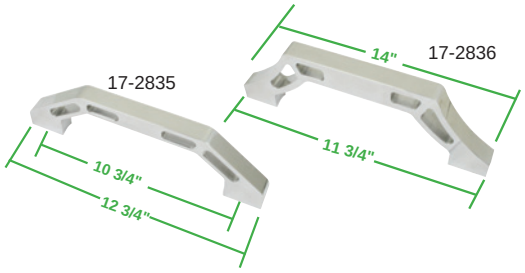
17-2710	Reservoir Clamp, Billet, 2.0", Each



BILLET FOOT PEGS

Bolt-on billet foot pegs. Knurled design, tapped for 1/2" x 20 mounting.

17-2834 Billet Foot Pegs, Pair



BILLET SIDE STEPS

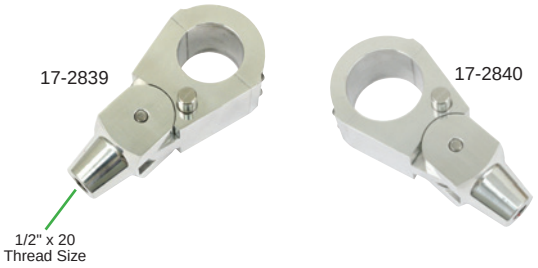
Bolt-on billet side steps in two cool styles.

17-2835 Billet Side Step, Short, 1/2 x 13 Coarse, Each
17-2836 Billet Side Step, Long, 1/2 x 13 Coarse, Each

BILLET HEADSET HANGERS

Bolt-on a billet place to hang your headsets when not is use.

17-2837 Billet Headset Hanger, 1 1/2", Each



BILLET DELUXE WHIP ANTENNA MOUNTS

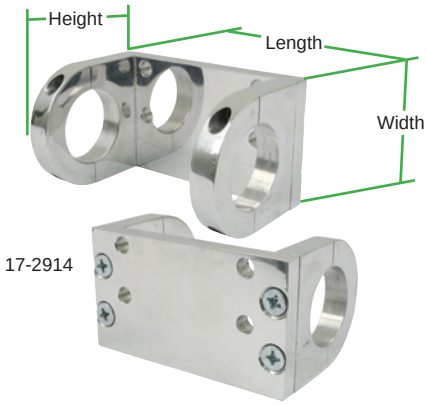
Bolt-on billet deluxe whip antenna mount, adjustable for sweep angle.

17-2839 Deluxe Billet Whip Antenna Mount, 1 1/2", Each
17-2840 Deluxe Billet Whip Antenna Mount, 1 3/4", Each

BILLET 'J-HOOK' SUPPORT BRACKETS

Hooks around your frame - then easily bolt your solid or mesh floor panels to the J-Hooks. No welding tabs. Simple - and great looking. 5/16" x 18 threads.

17-2915 Billet Support Bracket, 1 1/2", Set of 5
17-2916 Billet Support Bracket, 1 3/4", Set of 5



BILLET UNIVERSAL SUPPORT BRACKETS

Bolt-On most any accessory - GPS, Coil...anything that you can bolt-on to the flat Billet Bracket. Available for mounting on 3 tube sizes.

17-2912 Universal Billet Support Bracket, 1", Each
Length = 4 7/16", Height = 2 3/8", Width = 2 1/2"
17-2913 Universal Billet Support Bracket, 1 1/4", Each
Length = 4 7/16", Height = 2 3/8", Width = 2 1/2"
17-2914 Universal Billet Support Bracket, 1 1/2", Each
Length = 4 7/16", Height = 3", Width = 2 1/2"

EMPI CAST ALUMINUM OIL BREATHER KIT

Reduce crankcase pressure, eliminate blow-by and oil loss. High revving modified engines require more crankcase ventilation than the stock breather can supply. With the EMPI Aluminum Oil Breather Kit the blow-by oil is collected in the foam filter and the air vapors are vented to the atmosphere. New features include the EMPI logo cast in the top, improved heavy duty breather hose 1/2" I.D., plus internal changes that includes a screen mesh shelf to elevate the foam filter element.

8544 Complete Engine Oil Breather Kit
9242 Replacement Hose, Black (8 Feet)

8544

EMPI OIL FILLER & BREATHER BOX

The EMPI dual-purpose Oil Filler & Breather Box includes a system of internal baffles that separate the oil from the air then returns the oil back to the engine. It mounts upright on the alternator stand making for easy oil filling and was designed to look like part of the engine. The Billet Aluminum filler cap seals with an O'ring. Aluminum construction offers great looks and leak-free operation featuring an O'ring seal and Button-head Allen top screws. Vent your valve covers, crankcase, air cleaners…whatever your requirements. Comes with attaching nut, O'rings, gasket and instructions. There are 4 threaded ports and all are 1/4" NPT.

17-2941 Oil Filler & Breather Box Kit

17-2941

OFF-ROAD BREATHER

Designed for maximum breathing filtration. The chrome steel tower design returns the blow-by oil to the engine while the high capacity gauze filter with spun aluminum top cover keeps dirt out during deceleration.

8540 Off-Road Breather Kit
8541 Replacement Gauze Element, Each

8540 8541

VALVE COVER VENTS

Decrease crankcase pressure, eliminate blow-by and reduce oil loss with these easy to install Valve Cover Vents. Features our Sure O-Ring seal system. Vent into air cleaner or a breather box. Fittings are for 1/2" I.D. Hose.

9164 Valve Cover Vents, Pair

9164

DELUXE VALVE COVER VENTS

These deluxe vents feature a barbed end for the 1/2" I.D. Hose. Decrease crankcase pressure, eliminate blow-by and reduce oil loss with these easy to install Valve Cover Vents. Features our Sure Seal system. Vent into air cleaner or a breather box.

9165 Deluxe Valve Cover Vents, Pair

9165

17-2689

AXLE STRAPS

Save your paint. Loop these straps around your chassis or trailing arms and hook your tie down to these. Sold in pairs.

17-2689	Axle Strap, 2" Wide x 24" Long, Pair
17-2969	Axle Strap, 2" Wide x 16" Long, Pair

17-2691

3849

TOW STRAPS

Sold with hooks on each end or with loops on each end. Available in 1 1/2" widths rated at 3300 lbs., 2" width rated at 8,000 lbs, 2 1/2" widths rated at 5500 lbs., and 3 1/2" widths rated at 10,000 lbs. Always use caution when using tow straps.

3849	Tow Strap with Hooks, 2" x 15', 8,000 lbs, Yellow, Boxed, Each
17-2691	Tow Strap with Hooks, 2 1/2" x 13', 5500 lbs, Black, Each
17-2692	Tow Strap with Hooks, 3 1/2" x 13', 10,000 lbs, Black, Each
17-2693	Tow Strap with Loops, 1 1/2" x 13', 3300 lbs, Black, Each
17-2694	Tow Strap with Loops, 2 1/2" x 13', 5500 lbs, Black, Each
17-2695	Tow Strap with Loops, 3 1/2" x 13', 10,000 lbs, Black, Each

17-2693

17-2860

TIE DOWNS - CAMLOCK STYLE

Quickly and easily secure your gear, ATV or pit bike with these 1" wide tie downs. Vinyl coating protects from scratches and spring-loaded hook quickly and securely attaches to truck or trailer. Pull to tighten. Release by depressing cam lock lever.
Vinyl hook can also hook into sewn-in strap to create a soft-tie axle strap.

17-2860	Tie Downs, 1" Camlock, 5' Long, Each

17-2861

17-2862

RATCHET TIE DOWNS

Easily ratchet-down to secure your gear, ATV or pit bike with these 1" wide tie downs. Vinyl coating protects from scratches and spring-loaded hook quickly and securely attaches to truck or trailer. Ratchet to tighten, pull release bar to loosen. Locks when ratchet is closed. 2" model features vinyl grips. Attach end clips to sewn-in hook to create built-in axle strap.

17-2861	Tie Downs, 1" Ratchet, 5' Long, Each
17-2862	Tie Downs, 2" Ratchet, 5' 5" Long, Each

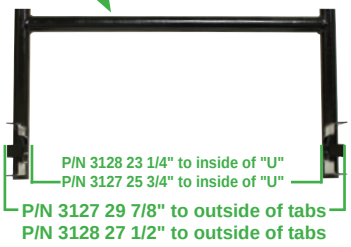
TOW BARS

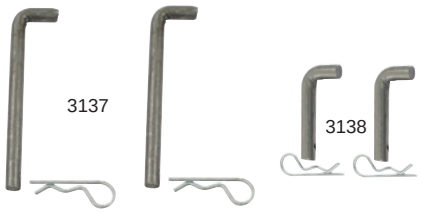
All heavy duty steel construction, easy to install and available with 2" ball receiver. Includes pins & clips. The Super Beetle Tow Bar includes mounting plate. Narrowed Tow Bar fits 2" Narrow Beams. Never back up when using a tow bar. Always attach a safety chain when towing.

3127 Tow Bar, Sedan/Buggy, 2" Ball UPS+
3128 Tow Bar, Sedan/Buggy, w/ 2" Narrow Beam, 2" Ball UPS+

3131 Tow Bar, Super Beetle, 2" Ball, w/Mounting Plate UPS+
3131-7 Tow Bar Only, Super Beetle, 2" UPS+
3190 Mounting Plate Only, for P/N: 3131

3137 Replacement Pins & Clips, Long, for P/N: 3127, Pair
3138 Replacement Pins & Clips, Short, for P/N: 3131, 3131-7, Pair





UNIVERSAL TOW BAR

Easy to adapt to most cars. Complete with mounting plate and hardware. May require drilling and fitting. Never back up when using a tow bar.
(Intended for light duty use only).

3133 Universal Tow Bar 2", w/Mounting Plate UPS +
3131-7 Tow Bar Only, 2" UPS +

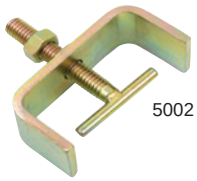
3192 Mounting Plate Only, for P/N: 3133

EMPI SPARE TIRE TOOL BOX

EMPI brings back another old favorite with our reproduction of the ever popular and useful spare tire tool box. The EMPI globe logo embossed black lid folds down to reveal a true to original assortment of tools accented in blue felt to help with roadside repairs. Fits all stock and chrome rims that utilize hub cap clips (5 Lug x 205mm). Complete with tools. Tools supplied should be considered for show only and not for actual use.

15-2016

15-2016 EMPI Spare Tire Tool Box


5002

OIL PUMP PULLER
Protects pump from damage and is easy to use. For 6 or 8mm pump bodies. Does not work for Full Flow Pumps, they only have 1 hole.

5002 Oil Pump Puller

5003

UNIVERSAL FLYWHEEL LOCK
Can be used on 6 or 12-Volt flywheels.

5003 Universal Flywheel Lock

5763

VALVE GUIDE INSTALLER

5763 Valve Guide Installer

NEW!
5747

IN-CAR VALVE SPRING REMOVAL TOOL
This “Schley Brothers Original” tool has been designed to allow removal and installation of valve springs while the engine is both fully assembled and still in the car. It is professionally made of high quality materials to handle not only stock springs but the pressures of all high performance springs.

5747 NEW! In-Car Valve Spring Removal Tool

5750

AXLE & GLAND NUT REMOVAL TOOL
Dubbed the "Helping Hand" tool, helps loosen stubborn hi-torqued axle and gland nuts by holding the drum or flywheel steady.

5750 Axle & Gland Nut Removal Tool

5004

FLYWHEEL DOWEL PIN FIXTURE
Provides perfect positioning for drilling extra dowel pin holes in crank & flywheel for 8-dowel pin installation.

5004 Dowel Pin Fixture

5714

5717

CRANKSHAFT GEAR PULLER
Easily and correctly removes VW and Porsche crank timing gears. Also removes 3rd and 4th transmission gear set.

5714 Crankshaft Gear Puller

DISTRIBUTOR DRIVE PULLER
Easily removes distributor drive gear.

5717 Distributor Drive Puller

VW CLUTCH PILOT TOOLS

Made from high impact, wear and abrasion resistant plastic. Aligns clutch disc with pilot bearing. Comes in an attractive EMPI Display Card. **See page 530 for complete detailed specifications and listings.**

5302-K	Type 1, Ghia & Thing, 49-79
5367-K	Type 1, Ghia Autostick, 68-74
5302-K	Type 2, 50-71, 1200-1600
5335-K	Type 2, 72-79, 1700-2000
5302-K	Type 3, 63-73, 1500-1600
5335-K	Type 4, 411-412, 71-74, 1700-1800
5335-K	Vanagon, Gas, 80-92
5302-K	Vanagon, Diesel, 82-84
5311-K	33 Spline, G50
5302-K	Dasher, 75-81
5302-K	Fox, 87-93
5378-K	Rab/Scir, Golf, Jetta, 74-97 (Exc. 16V)
5378-K	Cabriolet, Cabrio, 85-98
5378-K	Quantum, Gas, 82-85
5335-K	Quantum, Diesel, 83-85
5403-K	All 16 Valve VW
5415-K	Corrado, Passat, 89-95
5403-K	Beetle (New), Gas, 98-99

5302-K

5335-K

5311-K

5378-K

BENCH ENGINE STAND

Mounts to work bench. Features swivel head. Must be attached to either left or right case halves. Use for holding engines or transmissions. 1 5/8" male tube that slides into mount.

5001	Bench Mount Engine Stand

5001

H.D. ENGINE STAND

Holds engine or transmission. Features swivel head, H.D. steel construction with metal casters for mobility. Must be attached to either left or right case halves. Knock-down style allows for UPS shipments.

5007	H.D. Engine Stand, Knock-down

5007

PROFESSIONAL VW ENGINE STAND

For the Pro Engine Builder or for safely displaying engines in your showroom. Must be attached to either left or right case halves. This Pro VW Engine Stand features 2 long, diagonal forward legs for stability and strength. Urethane-clad Wheels each with brake and a 4-arm, gusseted Head to firmly hold the engine case. Painted brilliant Red for durability and good looks. Built to work hard, last long and look good! Unit is supplied knocked down in a box.

5015	Professional VW Engine Stand

5015

5005

HEAVY DUTY ENGINE FLOOR DOLLY

EMPI's Heavy Duty Engine Floor Dolly features heavy gauge steel for strength and 4 industrial swivel caster wheels for stability. Use for all VW Air Cooled Engines. Outside dimensions are 11.5" wide by 12.75" long by 6.5" high.

5005 Heavy Duty Engine Floor Dolly

5888

UNIVERSAL VALVE ADJUSTMENT TOOL

Allows for easier valve adjustment.

5888 Valve Adjustment Tool, 13mm

5764

PISTON RING COMPRESSOR

Compress piston rings for easy piston installation. Use with common pliers.

5764 Ring Compressor, 83-87mm
5765 Ring Compressor, 88-94mm

5775

FLYWHEEL SEAL INSTALLATION TOOL

Easily installs rear main seal using stock gland nut.

5775 Flywheel Seal Installation Tool

5774

Side View

DELUXE FLYWHEEL SEAL INSTALLATION TOOL

Installs rear main seal without removing dowel pins.

5774 Deluxe Flywheel Seal Installation Tool

5784

CRANK PULLEY PULLING AID TOOL

Helps to remove crankshaft pulley. For use on steel pulleys only.

5784 Crank Pulley Aid

5810

VW CLUTCH ADJUSTING WRENCH

Makes clutch adjustment a cinch.

5810 Clutch Adjustment Tool, Air-cooled

SCISSOR JACK

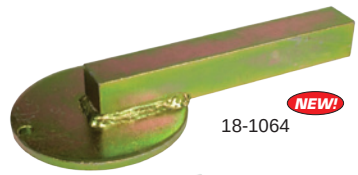
Originally made for Type 2's, but will work on Sedans, & Ghias offering extra jacking height. Great for use on lowered cars.

98-0109-B

98-0109-B Scissor Jack Type 2 & Type 1, Each
(Ref P/N: 237 011 031)

JACK PLATE

This Jack Plate slides into the stock jack support on all Volkswagens with this designated input below each door. It allows for a safe and convenient jacking point. It also allows for other style jacks to be used including rolling floor jacks. Fits Type 1 1950-1979.


NEW!
18-1064

18-1064 NEW! Jack Plate

BENCH MOUNT HEAD ASSEMBLY TOOL

Bench model for easy removal of valve springs.

5742

5742 Bench Mount Head Assembly Tool, Boxed

PUSH ROD MEASURING TOOL

Adjust out, lock down, measure, and cut push rods.

16-9600

16-9600 Push Rod Measuring Tool, Each

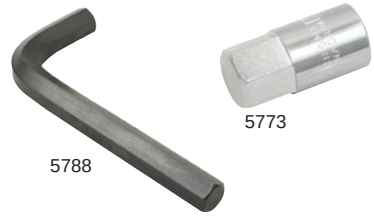
CONDENSER INSTALLATION TOOL

Eliminate broken wires and plugs while reducing installation time when installing the condenser in a press-in type distributor. Tool provides clearance for the wires while making square contact with the plug.

5772

5772 Condenser Installation Tool

TRANSAXLE DRAIN PLUG TOOLS


5773
5788

5773 Trans Drain Plug Tool, 17mm, 3/8" Drive
5788 Trans Drain Plug Wrench, 17mm

C.V. JOINT BOLT SOCKET

Available for 6-Point and 12-Point 8mm Hex C.V. joint bolts.

5796
5797

5796 C.V. Joint 12-Point Hex Socket, 8mm, 3/8" Drive
5797 C.V. Joint 6-Point Hex Socket, 8mm, 3/8" Drive

5770

GLAND / AXLE NUT SOCKETS

Remove gland or axle nuts with this socket and your breaker bar.

5770	Gland/Axle Nut Socket, 36mm, 1/2" Drive
5769	Axle Nut Socket, 46mm, 3/4" Drive

5748

AXLE NUT TOOLS

Remove rear axle nuts with this tool and your 1/2" breaker bar.

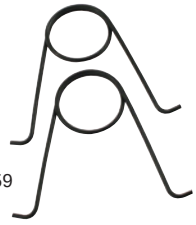
5748	Axle Nut Removal Tool, 36mm For all Type 1, 3 & 4 and Type 2, 62 & Prior
5749	Axle Nut Removal Tool, 46mm For Type 2, 63 & Later

5756

DECK HEIGHT MEASURING TOOL

Accurately check critical deck height for appropriate valve clearance and compression.

5756	Deck Height Measuring Tool


5759

VALVE LIFTER RETAINING CLIPS

Holds lifters in place during engine assembly.

5759	Valve Lifter Retaining Clips, Pair

5760

END-PLAY MEASURING TOOL

Accurately measure crankshaft end play.

5760	End-Play Measuring Tool

5102

5761

OIL FILLER NUT TOOLS

Easily install or remove oil filler. For the really tough to remove nut, use the internal nut removal tool.

5761	Oil Filler Nut Removal Tool, 1/2" Drive
5102	Oil Filler Nut Removal Tool w/Internal grip

5811

VW & AUDI TENSION SPANNER

For adjusting camshaft belt tension.

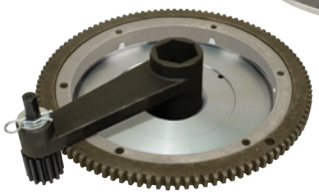
5811	VW/Audi Tension Spanner

TORQUE MULTIPLIER

Helps multiply torque when tightening gland nuts and axle nuts.
Fits 12v and 6v flywheel, and 4x130 and 5x205 wheels.
25 FT. LBS = 225 (Rear Axle Nut)
30 FT. LBS = 270 (Gland Nut)

To remove / install axle nuts

16-9602 Torque Multiplier, Kit


To remove / install flywheel,
12 volt and 6 volt

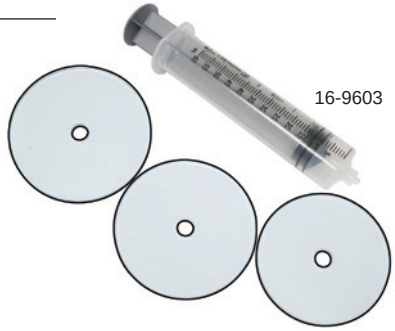
CASE SPLITTER

Insert in the oil pump hole and expand the case halves.

16-9601 Case Splitter, Kit

HEAD CC MEASURING KIT

Comes with discs for 85.5, 90.5 / 92 and 94mm Cylinders.



16-9603 Head CC Measuring Kit

GASGACINCH GASKET SEALER

The best for sealing engine cases and gaskets.
Sold in case quantity only. (If you order Quantity 1, you will get a case of 24 cans) 1 = 24.

5124

5124 GASGACINCH, 4 oz. Cans, 24 Per Case
(CANNOT be shipped via AIR)

MOLY ASSEMBLY LUBE

Applied to all bearing surfaces, cam and cam followers during assembly, this high grade moly lube insures proper lubrication upon initial engine start up and break in.

27-0160

27-0160 Moly Assembly Lube, 1/4 oz. Tube

5746

NEW! 43-5718

43-5712

CARBURETOR SYNCHRONIZERS

Proper synchronization of dual carburetor set-ups is essential for peak performance. Accurately dial in your carbs with one of these Carburetor Synchronizers. Our P/N: 5746 is the original, SU type, bubble gauge with pivoting gauge tube for down-draft or side-draft applications. The Pro-Synchronizer will not restrict airflow and features an easy to read 1-30 kg/h numbered scale for precise synchronization. P/N: 43-5712 includes two boot adapters which allows for 1-tool usage on a wide spectrum of applications. P/N: 43-5718 includes one boot adapter.

43-5712		EMPI Universal Pro-Sync, w/2 Boot Adapters
43-5718	NEW!	EMPI Universal Pro-Sync, w/1 Boot Adapter
5746		SU Type Carburetor Synchronizer

43-5715

CARBURETOR TOOLS

These precision tools allow you to fine-tune your carburetors. The Jet Reamer Set features precision tapered reamers that cut to close tolerances. A selection of tapered reamers are packed in a protective plastic case. Know exactly what size you have cut your jets to with our Jet Size Gauges. Two size range gauges are available to fit all applications.

43-5715	Jet Reamer Kit
43-5716	Jet Gauge, .45mm - 1.50mm Range
43-5717	Jet Gauge, 1.50mm - 3.00mm Range

43-5717

43-5716

5787

CIS FUEL INJECTOR PULLER

Easily removes CIS fuel injectors.

5787	CIS Fuel Injector Puller

5780

INJECTION PUMP LOCKING PIN

Locks diesel injection pump in place when changing the camshaft belt.

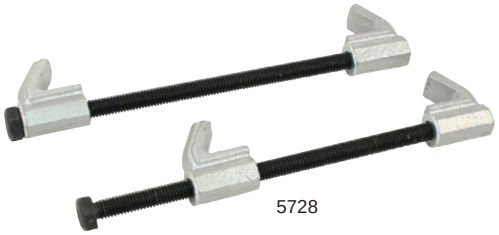
5780	Injection Pump Locking Pin

5825

VW & AUDI STRUT NUT SOCKET

Removes/installs top shock retaining nut.

5825	Strut Nut Socket


5728

COIL SPRING COMPRESSOR

Safely remove coil springs from struts. Tightens and compresses springs together.

5728	Coil Spring Compressor, Pair

TIE ROD PULLER

The design of this tool makes removal of the tie rod ends quick and easy without tearing the boots. Compact size allows you to carry the tool along on off-road outings for fast repairs in the field.

B708000 Tie Rod End Puller 18mm to 25mm Rods

B708000

TIMING LIGHT

Here's a tool nobody can do without. This static timing light is just what every tool box needs. Utilizes alligator clips for ease of timing and insuring good contact.

B700900 Static Timing Light

B700900

OIL PISTON PULLER

This quality tool has been designed to remove the oil pressure relief piston in VW engines. A piston which many times becomes stuck due to corrosion and gunk build-up and which should be cleaned for proper piston operation. With the tool's tip expanded, it grabs hold of the piston, pulling it out along with the tool. This precision made tool is a necessity when overhauling a VW engine, checking out oil pressure problems, or installing our oil piston and H.D. Spring kit.

B700200 Oil Piston Puller

B700200

STARTER BUSHING TOOL

Here's the answer when changing or repairing starter bushings. This tool is made to a high quality professional grade to give you years of trouble free service. The remover is designed to be used with the starter removed.

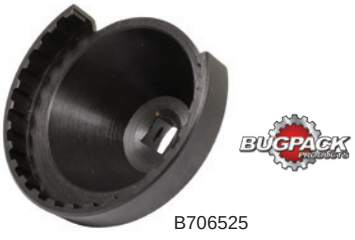
B706211 Starter Bushing Puller, 12V

B706211

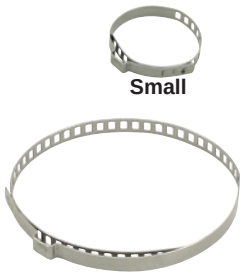
PINION NUT SOCKET

This quality tool solves the problem of removing and replacing the round nut that retains the pinion bearing in the 61-79 T-1 and 61-67 T-2 VWs. Believe us, this tool can be a life saver for stubborn pinion nuts.

B706525 Pinion Nut Socket


B706525

EMPI Universal Clamps - 7mm Wide



86-5831	Universal Stainless Steel Clamp, Small, 7mm Wide, 7" Long (100 pcs. in Poly Bag)
86-5833	Universal Stainless Steel Clamp, Small, 7mm Wide, 7" Long (10 pcs. in Poly Bag)
86-5832	Universal Stainless Steel Clamp, Large, 7mm Wide, 14.5" Long (100 pcs. in Poly Bag)
86-5834	Universal Stainless Steel Clamp, Large, 7mm Wide, 14.5" Long (10 pcs. in Poly Bag)
86-5837	Universal Stainless Steel Clamp, Extra Large, 7mm Wide, 16.5" Long (100 pcs. in Poly Bag)
86-5838	Universal Stainless Steel Clamp, Extra Large, 7mm Wide, 16.5" Long (10 pcs. in Poly Bag)

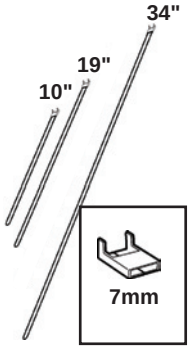
Uses standard crimp pliers. Clamps are shipped wrapped (Round).

EMPI Universal Clamps - 7mm Wide

EMPI's Stainless Steel Universal Clamps are 7mm wide and are supplied in lengths of 365mm and 750mm, which will fit all C.V. Boots currently in use. These are the same type of clamp as used in all EMPI C.V. Joint Kits. Easy installation. **No special tools required. Use common pliers to pull tight and close Buckle. Clamps are shipped wrapped (Round).**

86-5795	Universal Clamp Kit, Pair (1-365mm and 1-750mm Clamp, Skinpacked)
86-5365	Universal Clamp 7mm Wide, 365mm Long (100 pcs. in Poly Bag)
86-5366	Universal Clamp 7mm Wide, 365mm Long (10 pcs. in Poly Bag)
86-5750	Universal Clamp 7mm Wide, 750mm Long (100 pcs. in Poly Bag)
86-5751	Universal Clamp 7mm Wide, 750mm Long (10 pcs. in Poly Bag)

EMPI Band and Buckle Clamps - 7mm Wide



EMPI's Stainless Steel Band Clamps with retaining buckles are 7mm wide and are supplied in lengths of 10", 19" and 34" for 7mm width. **Installation tool 86-5792 is required. Clamps are shipped flat.**

86-5780	Band Clamp 7mm Wide, 10" Long (100 pcs. in Poly Bag)
86-5781	Band Clamp 7mm Wide, 19" Long (100 pcs. in Poly Bag)
86-5794	Band Clamp 7mm Wide, 34" Long (100 pcs. in Poly Bag)
86-5793	**7mm Buckles** for 86-5780, 86-5781, 86-5794, 86-5798 (100 pcs. in Poly Bag)

Deluxe Installation Tool with Cutter

86-5792	Deluxe Tool with Ratchet and Cutter Used with the following Clamps: 86-5780, 86-5781, 86-5794

STANDARD DUTY TIE WRAPS

Keep wires, lines and hoses neatly in place and away from exhaust and other problem areas. Great for emergency use too. Made from UV resistant black nylon.

9320	Tie Wrap Kit, 25 Assorted, Skinpacked
9321	Tie Wraps, Short, 3.9" x .098", 100 pcs., Skinpacked
86-5786	Tie Wraps, Short, 3.9" x .098", Pack of 100, Poly Bagged
9323	Tie Wraps, Long, 11.5" x .190", 100 pcs., Skinpacked
86-5787	Tie Wraps, Long, 11.5" x .190", Pack of 100, Poly Bagged
86-5830-C	Tie Wraps, Long, 17.5" x .190", 100 pcs., Skinpacked
86-5830	Tie Wraps, Long, 17.5" x .190", 100 pcs., Poly Bagged

HEAVY DUTY TIE WRAPS WITH STAINLESS STEEL TABS

Our Heavy Duty Tie Wraps have stainless steel lock tabs for added strength. Use to hold valuable items and expensive parts secure. Great for use on C.V. Boots, Rack and Pinion Boots, etc. Made from UV resistant black nylon.

Metal Tang for Positive Locking

86-5796-C	H.D. Tie Wraps, 4.0" x .095", 100 pcs., Skinpacked
86-5796	H.D. Tie Wraps, 4.0" x .095", 100 pcs., Poly Bagged
86-5778-C	H.D. Tie Wraps, 7.9" x .095", 100 pcs., Skinpacked
86-5778	H.D. Tie Wraps, 7.9" x .095", 100 pcs., Poly Bagged
86-5797-C	H.D. Tie Wraps, 12" x .185", 100 pcs., Skinpacked
86-5797	H.D. Tie Wraps, 12" x .185", 100 pcs., Poly Bagged
86-5779-C	H.D. Tie Wraps, 14.2" x .095", 100 pcs., Skinpacked
86-5779	H.D. Tie Wraps, 14.2" x .095", 100 pcs., Poly Bagged
86-5770	H.D. Tie Wraps, 21.2" x .275", 100 pcs., Poly Bagged

RACERS TAPE

Tough racers tape is great for repairs or rollbar padding, etc. Most racers can't finish without it.

5009

5008

5008	Racers Tape, Grey
5009	Racers Tape, Black

THREAD SEALING TAPE

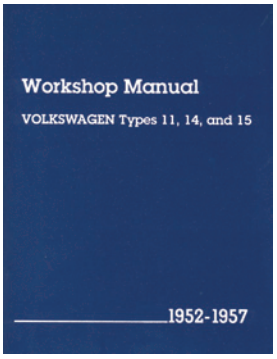
A must to seal all threaded fittings and joints. Use on oil and fuel line fittings.

9231

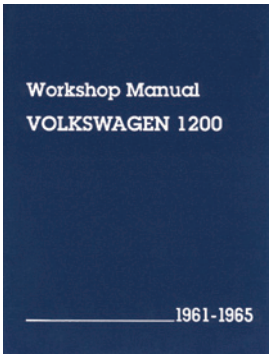
9231	PTFE Thread Sealing Tape, Roll

BOOKS & MANUALS

A collection of the best Tech Manuals available. Learn everything from engine, body, electrical and paint repair to Hot Rodding your engine. Invaluable reference that will save you time and money for as long as you own your VW.



11-1011



11-0601

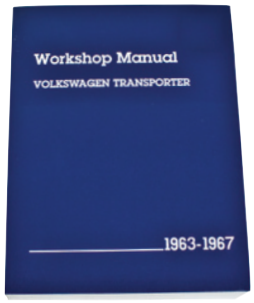
VW TECH BOOKS

Bentley technical manuals. Detailed reference for particular years and models as only VW could offer.

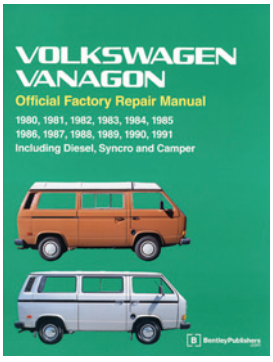
11-0701

11-0800

11-1011	Type 1, 52-57
11-1012	Type 1, 58-60
11-0601	Type 1, 61-65
11-0701	Type 1, 66-69
11-0800	Type 1, 70-79
11-0988	Type 2, 50-62
11-0987	Type 2, 63-67
11-0909	Type 2, 68-79
11-0975	Vanagon, 80-91
11-1006	Type 3, 68-73
11-0950	Rab/Scir, 75-79
11-0983	Dasher, 74-81
11-0976	Passat, 95-97, 2 Vol.
11-1008	'Portrait of a Legend' Type 1 Photo Book, Each

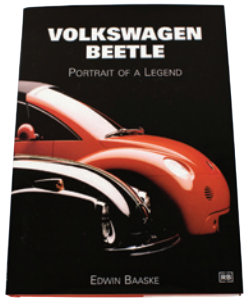


11-0987

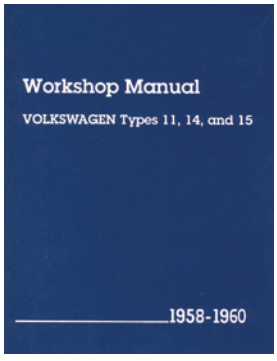


11-0975

11-0909

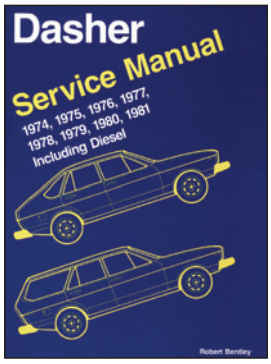


11-1008



11-1012

11-1006

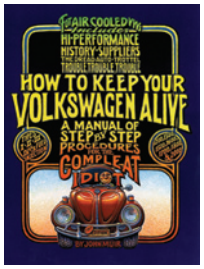


11-0983

BOOKS & MANUALS (Continued)

"IDIOT BOOK"
"How to Keep Your VW Alive" in plain English.
Great for the beginner or the pro!

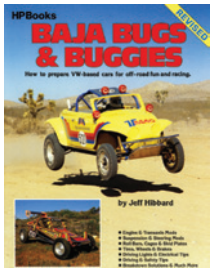
11-0990 "Idiot Book" - English



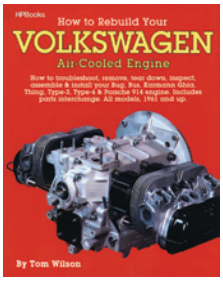
11-0990

BAJA BUGS & BUGGIES
How to prepare VW based cars for off-road and racing.

11-0205 Baja Bugs & Buggies



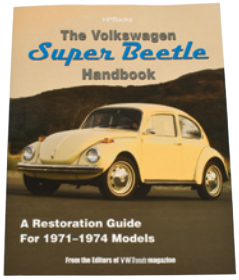
11-0205



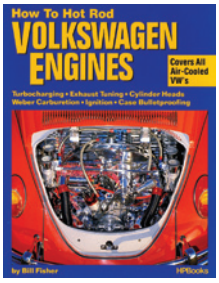
NEW! 11-1033

H.P. BOOKS
Specialty books.

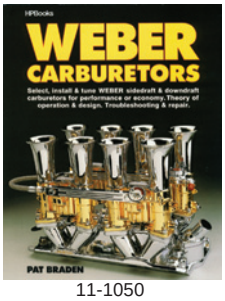
11-1045 NEW! HP Super Beetle Handbook
11-1033 NEW! HP Rebuild VW Engines
11-1032 HP Hot Rod VW Engines
11-1050 HP Weber Carburetors



NEW! 11-1045



11-1032



11-1050

BOSCH AUTOMOTIVE MANUALS
Bosch technical expertise is shared in these manuals.

11-1063 Bosch, Brake Systems
11-1064 Bosch, Diesel Fuel Injection
11-1065 Bosch, VW Emission

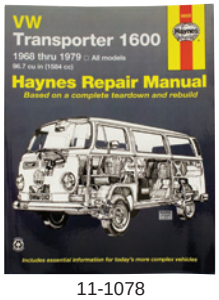
11-1065

11-1063

11-1064

HAYNES REPAIR MANUALS
Every Haynes Manual is based on a complete tear-down and rebuild of the subject vehicle.

11-1070 Haynes, Bug/Ghia, 54-79
11-1078 Haynes, Bus, 68-79
11-1079 Haynes, Type, 3 63-73



11-1078

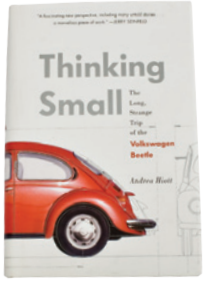
11-1070

WEBER CARB. BOOK

11-1077 Weber Tuning Manual

BOOKS

11-1046 NEW! Thinking Small



NEW! 11-1046

11-1077

11-1079

EMPI T-SHIRTS

Quality preshrunk 100% cotton with colorful EMPI designs. All shirts supplied in individual poly bags. (Pictures shown are back of shirts). All shirts are white unless specified.

15-4052 - 15-4056

15-4074 - 15-4078

15-4069 - 15-4073

Front Design for Type 1, Type 2, Type 3, and Ghia shirts

15-4079 - 15-4083

9860-9864
(Back)

9855-9859
(Front & Back)

EMPI TYPE 1

15-4052-0	EMPI Type 1, Small (Tan shirt)
15-4053-0	EMPI Type 1, Medium (Tan shirt)
15-4054-0	EMPI Type 1, Large (Tan shirt)
15-4055-0	EMPI Type 1, X Large (Tan shirt)
15-4056-0	EMPI Type 1, XX Large (Tan shirt)

EMPI TYPE 2

15-4069-0	EMPI Type 2, Small (Tan shirt)
15-4070-0	EMPI Type 2, Medium (Tan shirt)
15-4071-0	EMPI Type 2, Large (Tan shirt)
15-4072-0	EMPI Type 2, X Large (Tan shirt)
15-4073-0	EMPI Type 2, XX Large (Tan shirt)

EMPI TYPE 3

15-4074-0	EMPI Type 3, Small (Tan shirt)
15-4075-0	EMPI Type 3, Medium (Tan shirt)
15-4076-0	EMPI Type 3, Large (Tan shirt)
15-4077-0	EMPI Type 3, X Large (Tan shirt)
15-4078-0	EMPI Type 3, XX Large (Tan shirt)

EMPI GHIA

15-4079-0	EMPI Ghia, Small (Tan shirt)
15-4080-0	EMPI Ghia, Medium (Tan shirt)
15-4081-0	EMPI Ghia, Large (Tan shirt)
15-4082-0	EMPI Ghia, X Large (Tan shirt)
15-4083-0	EMPI Ghia, XX Large (Tan shirt)

EMPI 3 CAR (Front: EMPI Logo Only)

9860	EMPI, Small
9861	EMPI, Medium
9862	EMPI, Large
9863	EMPI, X Large
9864	EMPI, XX Large

EMPI RACING TEAM

9855	EMPI Racing Team, Small
9856	EMPI Racing Team, Medium
9857	EMPI Racing Team, Large
9858	EMPI Racing Team, X Large
9859	EMPI Racing Team, XX Large

EMPI T-SHIRTS (Continued)

EMPI NEW BEETLE INCH PINCHER

9804 EMPI NB Inch Pincher, Childs 10-12
9805 EMPI NB Inch Pincher, Small
9806 EMPI NB Inch Pincher, Medium
9807 EMPI NB Inch Pincher, Large
9808 EMPI NB Inch Pincher, X Large
9809 EMPI NB Inch Pincher, XX Large

9804-9809 (Front and Rear Lg.)

EMPI 3-CAR INCH PINCHER

15-4047 EMPI 3-Car Inch Pincher, Small
15-4048 EMPI 3-Car Inch Pincher, Medium
15-4049 EMPI 3-Car Inch Pincher, Large
15-4050 EMPI 3-Car Inch Pincher, X Large
15-4051 EMPI 3-Car Inch Pincher, XX Large

Front

15-4047-15-4051

EMPI AMERICAN CLASSIC

15-4023 EMPI American Classic, Orange, Small
15-4024 EMPI American Classic, Orange, Medium
15-4025 EMPI American Classic, Orange, Large
15-4026 EMPI American Classic, Orange, X-Large
15-4027 EMPI American Classic, Orange, XX-Large

Front

Back

15-4023 - 15-4027

EMPI EPC 51/SIZE DOES MATTER

15-4029 EMPI EPC 51/Size Does Matter, Small
15-4030 EMPI EPC 51/Size Does Matter, Medium
15-4031 EMPI EPC 51/Size Does Matter, Large
15-4032 EMPI EPC 51/Size Does Matter, X-Large
15-4033 EMPI EPC 51/Size Does Matter, XX-Large

Front

Back

15-4029 - 15-4033

EMPI JACKET

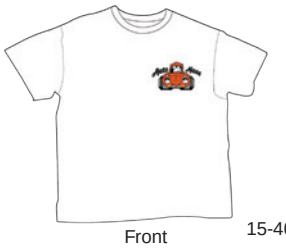
Colorful blue Cotton blend with orange and white racing stripe for the retro look!

15-4062 EMPI Jacket, Medium
15-4063 EMPI Jacket, Large
15-4064 EMPI Jacket, X-Large
15-4065 EMPI Jacket, XX-Large

15-4066 EMPI Logo Patch, 7 3/4" x 5 3/8", Each
15-4067 EMPI Logo Patch, 3 11/16" x 2 9/16", Each
15-4068 EMPI Logo Patch, 2 3/4" x 2", Each

15-4084 EMPI Power Rules Patch, 2 3/4" x 4 1/8", Each

EMPI T-SHIRTS (Continued)



Front

15-4034-15-4038

Back

AUTO HAUS

15-4034	Auto Haus, Small
15-4035	Auto Haus, Medium
15-4036	Auto Haus, Large
15-4037	Auto Haus, X Large
15-4038	Auto Haus, XX Large

Front

Back

B950912 - B950914

BUGPACK LOGO

B950912	Bugpack Logo, Large (White)
B950913	Bugpack Logo, X Large (White)
B950914	Bugpack Logo, XX Large (White)

Front

Back

B950922 - B950924

BUGPACK LOGO

B950922	Bugpack Logo, Large (Black)
B950923	Bugpack Logo, X Large (Black)
B950924	Bugpack Logo, XX Large (Black)

EMPI CAPS

EMPI baseball caps. High or low profile featuring registered EMPI Logo.

9891

9892

9893

9891	EMPI Deluxe Cap, White w/Blue Visor, w/Embroidered Logo
9892	EMPI Deluxe Cap, Low Profile, Black, w/Embroidered Logo
9893	EMPI Cap, White w/Blue Visor, w/Screened Logo

EMPI STICKERS

9810	EMPI Oval, 1 3/4" x 1 1/4", Pack of 100
9811	EMPI Oval, 7 3/4" x 5 1/2", Pack of 10
9815	EMPI Oval, 3 1/4" x 2 1/4", Pack of 100
9820	EMPI Oval Extra Large 14" x 11", Each
9816	EMPI Power Rules, 4" x 2 3/4", Pack of 100
9817	EMPI Equipped, 3" x 3", Pack of 100
9802	CAUTION 200 M.P.H., 3 3/4" x 1 1/2", Pack of 100
15-4041	EMPI WEBER Decal, Pack of 100
15-4046	Auto-Haus Logo, 4" x 3", Pack of 100

9816

9810/9811/9815/9820

9802

9817

15-4046

15-4041

EMPI COFFEE MUGS

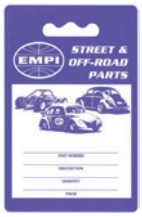
9897	EMPI Mug, New Beetle Inch Pincher
9898	EMPI Mug, Axle Man

9898

9897

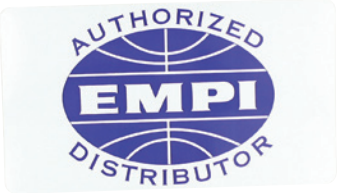
EMPI DEALER ITEMS

9843	EMPI Inventory Tags, Pack of 25
9812	EMPI Cardboard Sign 22" x 14"
9819	EMPI Authorized Distributor (two sided) 16" x 9", Store Window Decal, Each
9870	EMPI Banner 36" x 24", Each Orange Vinyl w/ eyelets, Printed Blue & White Oval
9899 NEW!	EMPI Large Banner, 36" x 120", Each Orange Vinyl w/ eyelets, Printed Blue & White Oval



9843

9812



9819

NEW! 9899

9870

ALL NEW COMPLETE DRIVE AXLES

90-6900-C

- New EMPI C.V. Joints - Inner and Outer
- New EMPI Boots and Stainless Steel Clamps
- New EMPI Clips and Hardware
- New EMPI Center Shaft
- New EMPI Parts
- Loaded with EMPI Black Moly Grease and individually boxed

YEAR SPECIFICATIONS DRIVER PSGR.

Volkswagen

Volkswagen Axle Mounting Hardware (Outboard)

12 Point Socket #5796

Spindle Bolt #87-1724-K (M14 x 1.5) #87-1727-K (M16 x 1.5) (Each)

Cone Washer #87-3082-0 (Plastic) (Qty. of 10)

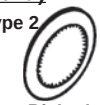
Dished Washer #87-3078-0 (Qty. of 10)

Volkswagen Axle Mounting Hardware (Inboard)

12 Point 8mm Bolt #87-7701-0 (Each)

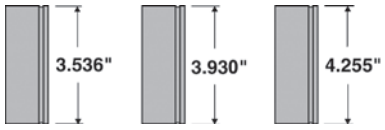
Torque Distribution Washers #87-5080-0 (90mm) #87-5081-0 (100mm) #87-5871-0 (108mm) (Each)

Type 1 Dished Washer #87-3072-0 (Qty. of 10)


Type 2 Dished Washer #87-3073-0 (Qty. of 10) Interior Teeth

Additional hardware available for all axle assemblies - Inquire with your salesperson.

#23 Volkswagen Inboard Joints O.D.



90mm 100mm 108mm

Beetle, Karmann Ghia, Type 1 (Rear Axles)

68-79	w/ IRS	*90-6900-C*	*90-6900-C*

Thing (Rear Axles)

73-75	w/ IRS	*90-6905*	*90-6905*

Type III, Fastback, Squareback (Rear Axles)

69-73	A/T, w/ IRS	*90-6907*	*90-6906*
	M/T, w/ IRS	*90-6900-C*	*90-6900-C*

Type IV, 411, 412 (Rear Axles)

71-74	w/ IRS	*90-6800*	*90-6800*

Volkswagen SUV/Truck/Van

Type II, Transporter (Rear Axles)

68-79	A/T, w/ IRS	*90-6901*	*90-6902*
	M/T, w/ IRS	*90-6903-C*	*90-6903-C*

YEAR SPECIFICATIONS DRIVER PSGR.

Volkswagen (Continued)

Vanagon (Rear Axles)

83-92	A/T	*90-6804*	*90-6803*
	M/T	*90-6805*	*90-6805*
80-82	A/T	*90-6800*	*90-6801*
	M/T	*90-6802*	*90-6802*

Vanagon Syncro AWD (Rear Axles)

86-92		*90-6805*	*90-6805*

90-6903-C

90-6905

90-6805

For racing C.V. related products, Volkswagen, Sand Rail, Off-Road, see pages 260-271.

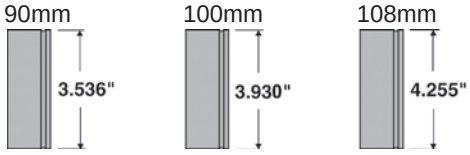
C.V. JOINT KITS & COMPONENTS

EMPI Constant Velocity Joint Kits come packaged in our distinctive 3-Color Tri-Lingual Box. All Constant Velocity Joints are sold each (1) per part number. Kits Include the following:

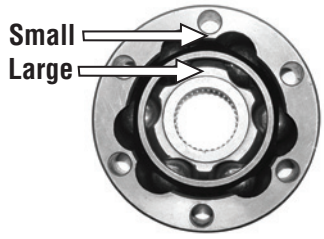
- **New C.V. Joint**
- **New C.V. Boot and Stainless Steel Clamps**
- **New Retaining Clip and Hardware (if applicable)**
- **New Moly Grease Packed in Outboards**
- **4 oz. Packet supplied with Inboards**
- **C.V. Joint Only (Bulk) is also Available**

87-9916-K

Reference Info. Inboard Joint O.D.



87-9916 87-9917 87-9469



Tip: When assembling a cross groove style C.V. joint, be sure that the narrow points of the outer housing are aligned with the wide areas of the race. Improper indexing of C.V. joint will limit it's ability to plunge causing immediate failure.

MODEL	POSITION	YEARS	SPECIFICATION / SIDE	JOINT KIT	BULK JOINT
Volkswagen					
Beetle (Ghia)	Both	67-79	Rear, IRS, (90mm)	87-9916-K	87-9916-0
Dasher	Inboard	74-81	(90mm)	87-9916-K	87-9916-0
Fox	Inboard	87-93	(90mm)	87-9916-K	87-9916-0
Golf	Inboard	85-92	GL & GT, (90mm)	87-9916-K	87-9916-0
Jetta	Inboard	80-92	GL & GT, (90mm)	87-9916-K	87-9916-0
Quantum (2WD)	Inboard	82-85	4 Cyl., (90mm)	87-9916-K	87-9916-0
		82-83	5 Cyl., To Ch. # 32-D-092 500, (90mm)	87-9916-K	87-9916-0
Quantum Syncro	Inboard	85-87	***Rear***, To Ch. # 33-H-086 636, (90mm)	87-9916-K	87-9916-0
Rabbit (Incl. Pickup)	Inboard	74-84	(90mm)	87-9916-K	87-9916-0
Scirocco	Inboard	75-83		87-9916-K	87-9916-0
		1984	A/T	87-9916-K	87-9916-0
		1984	M/T, To Ch. #53-E-040 254	87-9916-K	87-9916-0
		1985	A/T, To Ch. # 53-F-000 191	87-9916-K	87-9916-0
Type III	Both	68-73	***Rear***, IRS, (90mm)	87-9916-K	87-9916-0
Volkswagen SUV/Truck/Van					
Transporter, Type II	Both	68-79	***Rear,*** IRS, (100mm)	87-9917-K	87-9917-0
Vanagon (2WD)	Both	80-92	***Rear***, (100mm)	87-9917-K	87-9917-0
Vanagon Syncro (4WD)	Inboard	86-92	Front, (100mm)	87-9917-K	87-9917-0
		86-92	***Rear***, (100mm)	87-9917-K	87-9917-0

C.V. JOINT KITS & COMPONENTS

MODEL	POSITION	YEARS	SPECIFICATION / SIDE	JOINT KIT	BULK JOINT
Volkswagen (Mexico Produced)					
Atlantic	Inboard	77-87	(90mm)	87-9916-K	87-9916-0
Caribe	Inboard	77-87	(90mm)	87-9916-K	87-9916-0
Combi	Both	70-97	Rear, IRS, (100mm)	87-9917-K	87-9917-0
Corsar	Inboard	85-87	(90mm)	87-9916-K	87-9916-0
Golf	Inboard	87-91	(90mm)	87-9916-K	87-9916-0
Jetta	Inboard	87-91	(90mm)	87-9916-K	87-9916-0

C.V. BOOT KITS

Complete with Boot, Stainless Steel Clamps, Grease and Installation Instructions. EMPI Constant Velocity Boot Kits come packaged in our distinctive 3-Color Trilingual Box. If no side designation is made then the boot fits both left and right side.

86-1085-D

86-1084-D

Volkswagen

Beetle (New)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
1998	1.9L, M/T,	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2188-D	86-2375-D
99-01	1.8L, A/T		86-2359-D	86-2375-D
	1.8L, M/T,	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
	1.9L, A/T		86-2359-D	86-2375-D
	1.9L, M/T,	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2359-D	86-2375-D
	2.0L, M/T,	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
2002	1.8L, A/T		86-2254-D	86-2375-D
	1.8L, M/T (5 Spd.)		86-2254-D	86-2375-D
	1.8L, M/T (6 Spd.)		86-1100-D	86-2319-D
	1.9L, A/T		86-2254-D	86-2375-D
	1.9L, M/T	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2254-D	86-2375-D
	2.0L, M/T		86-2413-D	86-2375-D
03-04	1.8L, A/T (4 Spd.)		86-2254-D	86-2375-D
	1.8L, A/T (6 Spd)		86-2422-D	86-2337-D
	1.8L, M/T (5 Spd.)		86-2254-D	86-2375-D
	1.8L, M/T (6 Spd.)		86-1100-D	86-2319-D

Volkswagen (Continued)

Beetle (New) (cont.)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
03-04	1.9L, A/T		86-2254-D	86-2375-D
	1.9L, M/T	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T (4 Spd.)		86-2254-D	86-2375-D
	2.0L, A/T (6 Spd.)		86-2422-D	86-2337-D
	2.0L, M/T		86-2413-D	86-2375-D
2005	1.8L, A/T		86-2422-D	86-2337-D
	1.8L, M/T		86-2254-D	86-2375-D
	1.9L, A/T		86-2254-D	86-2375-D
	1.9L, M/T	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2422-D	86-2337-D
	2.0L, M/T		86-2413-D	86-2375-D
2006	1.9L, M/T	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
06-10	2.5L, A/T		86-2432-D	86-2338-D
	2.5L, M/T		N/A	86-2375-D
2011	Not Produced This Year			
2012	2.0L, A/T		86-2452-D	86-2338-D
	2.0L, M/T		TBA	86-2375-D
	2.5L, A/T		86-2432-D	86-2375-D
	2.5L, M/T		TBA	86-2375-D
2013	2.0L, Gas, A/T		86-2452-D	86-2338-D
	2.0L, Gas, M/T		TBA	86-2375-D

C.V. BOOT KITS

Volkswagen (Continued)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Beetle (New) (cont.)				
2013	2.0L, Diesel, A/T		**86-2421-D**	**86-2338-D**
	2.0L, Diesel, M/T		**86-2452-D**	**86-2338-D**
	2.5L, A/T		**86-2432-D**	**86-2375-D**
	2.5L, M/T		**TBA**	**86-2375-D**
2014	1.8L, A/T		**TBA**	**86-2338-D**
	1.8L, M/T		**TBA**	**86-2375-D**
	2.0L, Gas, A/T		**86-2452-D**	**86-2338-D**
	2.0L, Gas, M/T		**TBA**	**86-2375-D**
	2.0L, Diesel, A/T		**86-2421-D**	**86-2338-D**
	2.0L, Diesel, M/T		**86-2452-D**	**86-2338-D**
	2.5L, A/T		**86-2432-D**	**86-2375-D**
	2.5L, M/T		**TBA**	**86-2375-D**
2015	1.8L, A/T		**TBA**	**86-2338-D**
	1.8L, M/T		**TBA**	**86-2375-D**
	2.0L, Gas, A/T		**86-2452-D**	**86-2338-D**
	2.0L, Gas, M/T		**TBA**	**86-2375-D**
	2.0L, Diesel, A/T		**86-2421-D**	**86-2338-D**
	2.0L, Diesel, M/T		**86-2452-D**	**86-2338-D**
16-17	1.8L, A/T		**TBA**	**86-2338-D**
	1.8L, M/T		**TBA**	**86-2375-D**
	2.0L, A/T		**TBA**	**86-2375-D**
Beetle, Ghia				
thru 68	Swing Axle		**86-1091-D**	**N/R**
68-79	IRS		**86-1084-D**	**86-1084-D**
Cabriolet, Cabrio				
85-93		Left	**86-1184-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
95-96		Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
97-02	A/T		**86-2188-D**	**86-2375-D**
	M/T	Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
CC				
2009	2.0, A/T, To CH# 3C-9-540000		**86-2424-D**	**86-2338-D**
	2.0, A/T, From CH# 3C-9-540001		**86-2421-D**	**86-2338-D**
	2.0L, M/T		**86-2452-D**	**86-2338-D**
	Front, 3.6L		**86-2421-D**	**86-2338-D**
	Rear, 3.6L		**86-2413-D**	**86-2375-D**
10-13	2.0L		**86-2452-D**	**86-2338-D**
	Front, 3.6L		**86-2421-D**	**86-2338-D**
	Rear, 3.6L		**86-2413-D**	**N/A**
14-16	2.0L		**86-2452-D**	**86-2338-D**
	Front, 3.6L		**86-2421-D**	**86-2319-D**
	Rear, 3.6L		**86-2413-D**	**N/A**
2017	2.0L		**86-2452-D**	**86-2338-D**
Corrado				
90-91	1.8L	Left	**86-2413-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**

Volkswagen (Continued)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Corrado (cont.)				
1992	1.8L	Left	**86-2413-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
92-95	2.8L	Left	**86-2413-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
Dasher				
74-81			**86-1084-D**	**86-1085-D**
Eos				
07-08	2.0L		**86-2452-D**	**86-2338-D**
	3.2L		**86-2424-D**	**86-2338-D**
09-16	2.0L		**86-2452-D**	**86-2338-D**
Fox				
87-93			**86-1084-D**	**86-1085-D**
Golf (Old Body)				
85-92	Exc. GT, GTi		**86-1084-D**	**86-1085-D**
	GT, GTi, (Exc. 90-92 2.0L GTi)	Left	**86-1184-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
90-92	2.0L GTi		**86-2413-D**	**86-1101-D**
93-96	1.8L, Gas	Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
93-95	1.9L, Diesel	Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
95-96	2.8L	Left	**86-2413-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
96-99	1.9L, Diesel	Left	**N/A**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
97-99	1.8L, A/T		**86-2188-D**	**86-2375-D**
	1.8L, M/T	Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
97-99	2.8L, A/T		**86-2188-D**	**86-2375-D**
	2.8L, M/T	Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
Golf (New Body)				
99-01	1.8L, Gas		**86-2359-D**	**86-2375-D**
	1.9L, Diesel, A/T		**86-2359-D**	**86-2375-D**
	1.9L, Diesel, M/T	Left	**N/A**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
	2.0L, A/T		**86-2359-D**	**86-2375-D**
	2.0L, M/T	Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
	2.8L, A/T		**86-2359-D**	**86-2375-D**
	2.8L, M/T	Left	**86-1184-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
2002	1.8L, A/T		**86-2365-D**	**86-2319-D**
	1.8L, M/T		**86-1100-D**	**86-2375-D**
	1.9L, A/T		**86-2359-D**	**86-2375-D**
	1.9L, M/T	Left	**N/A**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
	2.0L, M/T	Left	**86-2413-D**	**86-2375-D**
		Right	**86-1185-D**	**86-2375-D**
	2.8L		**86-2359-D**	**86-2375-D**

Volkswagen (Continued)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Golf (New Body) (cont.)				
2003	1.8L, A/T		86-2365-D	86-2319-D
	1.8L, M/T		86-1100-D	86-2375-D
	1.9L, A/T		86-2254-D	86-2375-D
	1.9L, M/T	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2254-D	86-2375-D
	2.0L, M/T	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.8L		N/A	86-2319-D
2004	1.8L, A/T		86-2365-D	86-2319-D
	1.8L, M/T		86-2254-D	86-2375-D
	1.9L, A/T		86-2254-D	86-2319-D
	1.9L, M/T	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.8L		N/A	86-2319-D
	Front, 3.2L		86-2452-D	86-2319-D
2005	1.8L, A/T		86-2365-D	86-2319-D
	1.8L, M/T		86-2254-D	86-2375-D
	1.9L, A/T		86-2365-D	86-2319-D
	1.9L, M/T	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2254-D	86-2375-D
	2.0L, M/T	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.8L		N/A	86-2319-D
2006	1.8L, A/T		86-2365-D	86-2319-D
	1.8L, M/T		86-2254-D	86-2375-D
	1.9L, A/T		86-2365-D	86-2319-D
	1.9L, M/T	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2254-D	86-2375-D
	2.0L, M/T	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
07-09	Not produced these years			
10-13	2.0L, 6 Spd. A/T (Dual Clutch)		86-2421-D	86-2338-D
	2.0L, M/T		86-2452-D	86-2338-D
	2.5L, 6 Spd. A/T (Dual Clutch)		86-2426-D	86-2375-D
	2.5L, M/T		86-2413-D	86-2375-D
2014	2.0L, 6 Spd. A/T (Dual Clutch)		86-2421-D	86-2338-D
	2.0, M/T		86-2452-D	86-2338-D
	2.5L, 6 Spd. A/T (Dual Clutch)		86-2426-D	86-2338-D
2015	1.8L, A/T		86-2485-D	86-2340-D
	1.8L, 5 Spd. M/T		86-2452-D	86-2338-D
	1.8L, 6 Spd. M/T		TBA	86-2319-D
	2.0L, 6 Spd. A/T (Dual Clutch)		86-2421-D	86-2338-D
	2.0L, M/T		TBA	86-2340-D

Volkswagen (Continued)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Golf (New Body) (cont.)				
16-17	1.8L, A/T		86-2485-D	86-2340-D
	1.8L, M/T		86-2452-D	86-2338-D
	2.0L, 6 Spd. A/T (Dual Clutch)		86-2421-D	86-2338-D
	2.0L, M/T		TBA	86-2340-D
2004	***Rear,*** 3.2L		86-2413-D	86-2389-D
e-Golf				
	15-16		86-2452-D	TBA
GLi				
08-09			86-2452-D	86-2338-D
12-13	A/T		86-2452-D	86-2338-D
	M/T		86-2452-D	86-2338-D
GTI				
06-13			86-2452-D	86-2338-D
Jetta (Old Body)				
81-92	Exc. GL, GLi		86-1084-D	86-1085-D
1985	GL, GLi, I6V	Left	86-1184-D	86-1085-D
		Right	86-1185-D	86-1085-D
86-87	GL, GLi, I6V	Left	86-1184-D	86-1101-D
		Right	86-1185-D	86-1101-D
1988	GLi, To 16-J-097-865			
		Left	86-2137-D	86-1101-D
		Right	86-1185-D	86-1101-D
88-92	GLi, From 16-J-097-866, (Exc. GLi 2.0L)			
		Left	86-2413-D	86-1085-D
		Right	86-1185-D	86-1085-D
90-92	GLi 2.0L	Left	86-2413-D	86-1085-D
		Right	86-1185-D	86-1085-D
93-96	1.8L, Gas	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
93-95	1.9L, Diesel	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
95-96	2.8L	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
96-99	1.9L, Diesel	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
97-99	1.8L, A/T		86-2188-D	86-2375-D
	1.8L, M/T	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
97-99	2.8L, A/T		86-2188-D	86-2375-D
	2.8L, M/T	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
Jetta (New Body)				
99-03	1.8L, Gas		86-2359-D	86-2375-D
	1.9L, Diesel, A/T		86-2359-D	86-2375-D
	1.9L, Diesel, M/T	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
99-01	2.0L, A/T		86-2359-D	86-2375-D
	2.0L, M/T	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.8L, A/T		86-2359-D	86-2375-D

Volkswagen (Continued)

Jetta (New Body) (cont.)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
99-01	2.8L, M/T	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
2002	1.8L, A/T (Exc. GLS)		86-2359-D	86-2375-D
	1.8L, A/T, GLS		86-2365-D	86-2319-D
	1.8L, M/T (Exc. GLS)		86-2359-D	86-2375-D
	1.8L, M/T, GLS		86-2359-D	86-2319-D
	1.9L, A/T		86-2359-D	86-2375-D
	1.9L, M/T		N/A	86-2375-D
	2.0L, A/T		86-2359-D	86-2375-D
	2.0L, M/T	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.8L, GSL, GSX (Engine Code AFD)		86-2359-D	86-2375-D
	2.8L, (Engine Code BDF)		86-2365-D	86-2319-D
2003	1.8L, A/T		86-2365-D	86-2319-D
	1.8L, M/T (To Ch # 9M-3-163-228)		86-2359-D	86-2375-D
	1.8L, M/T (From Ch #9M-3-163-229)		86-2359-D	86-2375-D
	1.9L, A/T		86-2254-D	86-2375-D
	1.9L, M/T (To Ch #9M-3-163-228)	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	1.9L, M/T (Fr. Ch #9M-3-163-229)	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2254-D	86-2375-D
	2.0L, M/T (To Ch #9M-3-163-228)	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, M/T (Fr. Ch #9M-3-163-229)	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.8L		86-2365-D	86-2319-D
2004	1.8L		86-2365-D	86-2319-D
	1.8L, M/T (exc. GLS)		86-2359-D	86-2375-D
	1.8L, M/T, GLS		86-2254-D	86-2375-D
	1.9L, A/T (Engine Code ALH)		86-2254-D	86-2375-D
	1.9L, A/T (Engine Code BEW)		86-2365-D	86-2319-D
	1.9L, M/T (Engine Code ALH)	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	1.9L, M/T (Engine Code BEW)	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	2.0L, A/T		86-2254-D	86-2375-D
	2.0L, M/T	Left	86-2413-D	86-2375-D
		Right	86-1185-D	86-2375-D
	2.8L (Engine Code BDF)		86-2365-D	86-2319-D
2004	2.8L (Engine Code AFP)		86-2254-D	86-2319-D
2005	1.8L, A/T		86-2365-D	86-2319-D
	1.8L, M/T	Left	86-2359-D	86-2375-D
		Right	86-2254-D	86-2365-D
	1.9L, A/T (Engine Code BEW)		86-2365-D	86-2319-D
	1.9L, A/T (Engine Code BRM)		86-2424-D	86-2319-D
	1.9L, M/T (Engine Code BEW)		N/A	86-2375-D
	2.0L, A/T		86-2359-D	86-2375-D
	2.0L, M/T		N/A	86-2375-D
	2.5L, A/T		86-2426-D	86-2375-D
2006	1.9L		86-2413-D	86-2375-D
06-09	2.0L		86-2452-D	86-2338-D
	2.5L, A/T		86-2432-D	86-2338-D
	2.5L, M/T		86-2413-D	86-2375-D
2010	2.0L, Diesel, A/T		86-2424-D	86-2338-D
	2.0L, Diesel, M/T		86-2452-D	86-2338-D
	2.0L, Gas		86-2452-D	86-2338-D
	2.5L, A/T		86-2432-D	86-2338-D
	2.5L, M/T		86-2413-D	86-2375-D
2011	2.0L, Diesel, A/T		86-2424-D	86-2338-D
	2.0L, Diesel, M/T		86-2452-D	86-2338-D
	2.0L, Gas, A/T		86-2426-D	86-2375-D
	2.0L, Gas, M/T		86-2413-D	86-2375-D
	2.5L, A/T		86-2432-D	86-2338-D
	2.5L, M/T		86-2413-D	86-2375-D
2012	2.0L, Diesel, A/T		86-2424-D	86-2338-D
	2.0L, Diesel, M/T		86-2452-D	86-2338-D
	2.0L, Gas, A/T, (Exc Gli)		86-2426-D	86-2375-D
	2.0L, Gas, A/T, (GLi)		86-2452-D	86-2338-D
	2.0L, Gas, M/T, (Exc. GLi)		86-2413-D	86-2375-D
	2.0L, Gas, M/T, (GLi)		86-2452-D	86-2338-D
	2.5L, A/T		86-2432-D	86-2338-D
	2.5L, M/T		86-2413-D	86-2375-D
13-14	1.4L, Hybrid		86-2452-D	86-2338-D
	1.8L, A/T		86-2432-D	86-2338-D
	1.8L, M/T		TBA	86-2375-D
	2.0L, Diesel, A/T		86-2424-D	86-2338-D
	2.0L, Diesel, M/T		86-2452-D	86-2338-D
	2.0L, Gas, A/T (Exc. GLi)		86-2426-D	86-2375-D
	2.0L, Gas, A/T (GLi)		86-2452-D	86-2338-D
	2.0L, Gas, M/T (exc. GLi)		86-2413-D	86-2375-D
	2.0L, Gas, M/T (GLi)		86-2452-D	86-2338-D
	2.5L, A/T		86-2432-D	86-2338-D
	2.5L, M/T		86-2413-D	86-2375-D
15-16	1.4L, Hybrid		86-2452-D	86-2338-D
	1.4L, A/T, (Exc. Hybrid)		86-2432-D	86-2338-D
	1.4L, M/T (Exc. Hybrid)		TBA	86-2375-D
	1.8L, A/T		86-2432-D	86-2338-D
	1.8L, M/T		TBA	86-2375-D

C.V. BOOT KITS

Volkswagen (Continued)

Jetta (New Body) (cont.)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
15-16	2.0L, Diesel, A/T		86-2424-D	86-2338-D
	2.0L, Diesel, M/T		86-2452-D	86-2338-D
	2.0L, Gas, A/T (Exc. GLi)		86-2426-D	86-2375-D
	2.0L, Gas, A/T, (GLi)		86-2452-D	86-2338-D
	2.0L, Gas, M/T, (Exc. GLi)		86-2413-D	86-2375-D
	2.0L, Gas, M/T (GLi)		86-2452-D	86-2338-D
2017	1.4L, A/T		86-2432-D	86-2338-D
	1.4L, M/T		TBA	86-2375-D
	1.8L		86-2432-D	86-2338-D
	2.0L		86-2452-D	86-2338-D

Passat (2WD)

90-94		Left	86-1184-D	86-2232-D
		Right	86-1185-D	86-2232-D
95-97	4 Cyl.	Left	N/A	86-2375-D
		Right	86-1185-D	86-2375-D
	6 Cyl.	Left	86-1184-D	86-2375-D
		Right	86-1185-D	86-2375-D
98-01	4 Cyl., A/T		86-2188-D	86-2324-D
	4 Cyl., M/T		86-1100-D	86-2324-D
	6 Cyl.		86-2188-D	86-2281-D
02-03	1.8L		86-2188-D	86-2281-D
	2.8L		86-2188-D	86-2281-D
	4.0L		86-2188-D	86-2281-D
2004	1.8L		86-2188-D	86-2281-D
	2.0L		86-2188-D	86-2281-D
	2.8L		86-2188-D	86-2281-D
	4.0L		86-2188-D	86-2281-D
2005	1.8L		86-2188-D	86-2281-D
	2.0L		86-2188-D	86-2281-D
	2.8L		86-2188-D	86-2281-D
06-08	2.0L, A/T		86-2424-D	86-2338-D
	2.0L, M/T		86-2452-D	86-2338-D
	3.6L		86-2421-D	86-2338-D
2009			86-2424-D	86-2338-D
2010			86-2452-D	86-2338-D
12-13	2.0L, A/T		86-2421-D	86-2338-D
	2.0L, M/T		86-2452-D	86-2338-D
	2.5L, A/T		86-2432-D	86-2375-D
	2.5L, M/T		N/A	86-2375-D
	3.6L		86-2452-D	86-2338-D
2014	1.8L, A/T		TBA	86-2338-D
	1.8L, M/T		TBA	86-2375-D
	2.0L, A/T		86-2421-D	86-2338-D
	2.0L, M/T		86-2452-D	86-2338-D
	2.5L, A/T		86-2432-D	86-2375-D
	2.5L, M/T		TBA	86-2375-D
	3.6L		86-2452-D	86-2338-D
2015	1.8L, A/T		TBA	86-2338-D
	1.8L, M/T		TBA	86-2375-D
	2.0L, A/T		86-2421-D	86-2338-D

Volkswagen (Continued)

Passat (2WD) (cont.)

2015	2.0L, M/T		86-2452-D	86-2338-D
	3.6L		86-2452-D	86-2338-D
16-17	1.8L		86-2432-D	86-2338-D
	3.6L		86-2452-D	86-2338-D

Passat 4 Motion

99-01	Front		86-2188-D	86-2281-D
2002	Front, 2.8L, A/T		86-2188-D	86-2324-D
	Front, 2.8L, M/T		86-2188-D	86-2281-D
	Front, 4.0L		86-2188-D	86-2281-D
2003	Front, 2.8L		86-2188-D	86-2324-D
	Front, 4.0L		86-2188-D	86-2281-D
2004	Front, 1.8L		86-2188-D	86-2281-D
	Front, 2.8L		86-2188-D	86-2324-D
	4.0L		86-2188-D	86-2281-D
2005	1.8L		86-2188-D	86-2281-D
	2.8L		86-2188-D	86-2324-D
06-08	Front, 3.6L		86-2421-D	86-2338-D
99-05	***Rear***		86-1100-D	N/A
06-08	***Rear***		86-2413-D	86-2375-D

Passat Syncro

91-92	Front	Left	86-2137-D	86-2232-D
		Right	86-1185-D	86-2232-D
	Rear		86-1084-D	86-1085-D

Phaeton

04-06	Front, 4.2L		86-2385-D	86-2319-D
	Front, 6.0L		86-2365-D	86-2319-D
05-06	***Rear***, 4.2L		N/A	86-2362-D

Quantum (2WD)

82-85	4 Cyl.		86-1084-D	86-1085-D
1983	5 Cyl., A/T (To 12/82)		86-1084-D	86-1085-D
83-88	5 Cyl., A/T (From 12/82)			
		Left	86-2137-D	86-1101-D
		Right	86-1184-D	86-1101-D
84-88	5 Cyl., M/T		86-2137-D	86-1101-D

Quantum Syncro

86-88	Front		86-2137-D	86-1101-D
	Rear		86-1084-D	86-1085-D

R32 (AWD)

2008	Front		86-2452-D	86-2338-D
	Rear		86-2413-D	N/A

Rabbit (Incl. Pickup)

75-80			86-1084-D	86-1085-D
81-84			86-1084-D	86-1085-D
2006	A/T		86-2432-D	86-2338-D
	M/T		86-2413-D	86-2375-D
2007	A/T, (To 1K-7-140-000)		86-2432-D	86-2338-D
	A/T, (From 1K-7-140-001)		86-2426-D	86-2338-D
	M/T		86-2413-D	86-2375-D
08-09	A/T		86-2426-D	86-2338-D
	M/T		86-2413-D	86-2338-D

Volkswagen (Continued)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Scirocco				
75-84	A/T, (To 53-F-000-191)		**86-1084-D**	**86-1085-D**
	M/T, (To 53-E-040-254)		**86-1084-D**	**86-1085-D**
84-87	8V, A/T, (From 53-F-000-192)			
		Left	**86-1184-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
	8V, M/T, (From 53-E-040-255)			
		Left	**86-1184-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
86-88	16V	Left	**86-1184-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
Type III, Fastback, Squareback				
thru 68	Swing Axle		**86-1091-D**	**N/R**
69-on	IRS		**86-1084-D**	**86-1084-D**
Type IV, 411, 412				
71-74	***Rear***		**86-1086-D**	**86-1086-D**
Thing				
73-74	***Rear***		**86-1086-D**	**86-1086-D**

Note: *The following boot numbers are* ***neoprene boots*** *with three convolutions which* ***replaces thermoplastic boots*** *with five or more convolutions: 86-1085 & 86-1101.*

Volkswagen SUV/Truck/Van

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Eurovan				
93-94			**86-1100-D**	**86-2281-D**
95-04			**86-1100-D**	**86-2342-D**
Routan				
2009			**86-2443-D**	**N/A**
10-12			**86-2479-D**	**N/A**
Tiguan (FWD)				
09-15	A/T		**86-2421-D**	**86-2338-D**
	M/T		**86-2452-D**	**86-2338-D**
16-17	A/T		**86-2421-D**	**86-2338-D**
Tiguan (AWD)				
09-17	Front		**86-2421-D**	**86-2375-D**
	Rear		**86-2413-D**	**N/A**
Touareg				
04-05	Front, 3.2L		**86-2452-D**	**86-2319-D**
	Front, 4.2L		**86-2456-D**	**86-2338-D**
	Front, 4.9L		**86-2456-D**	**86-2338-D**
2006	Front, 3.2L		**86-2452-D**	**86-2338-D**
	Front, 3.6L		**86-2452-D**	**86-2338-D**
	Front, 4.2L (To 7L-6-090-000)		**86-2456-D**	**86-2338-D**
	Front, 4.2L (From 7L-6-090-001)		**86-2452-D**	**86-2338-D**
	Front, 5.0L		**86-2456-D**	**86-2338-D**
07-08	Front, 3.6L		**86-2452-D**	**86-2338-D**
	Front, 4.2L		**86-2456-D**	**86-2338-D**
	Front, 5.0L		**86-2456-D**	**86-2338-D**
09-10	Front		**86-2452-D**	**86-2338-D**
11-17	Front		**86-2452-D**	**86-2319-D**

Volkswagen SUV/Truck/Van (Continued)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Transporter, Type II				
thru 67	Swing Axle		**86-1091-D**	**N/R**
68-79	IRS		**86-1086-D**	**86-1086-D**
Vanagon				
80-91	***Rear***		**86-1086-D**	**86-1086-D**
Vanagon Syncro				
86-91	Front		**86-1086-D**	**86-2268-D**
	Rear		**86-1086-D**	**86-1086-D**

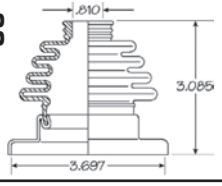
Volkswagen (International Model)

YEARS	SPECIFICATIONS	SIDE	INNER	OUTER
Atlantic				
77-87			**86-1084-D**	**86-1085-D**
New Beetle				
1998	2.0L, A/T		**86-2188-D**	**86-1101-D**
98-01	1.8l, 2.0L, M/T	Left	**86-2137-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
99-01	1.8L, 2.0L, A/T		**86-2359-D**	**86-1101-D**
Caribe				
77-87			**86-1084-D**	**86-1085-D**
Combi				
70-97	M/T		**86-1086-D**	**86-1086-D**
Corsair				
85-87			**86-1084-D**	**86-1085-D**
Derby				
95-98	M/T	Left	**86-2137-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
Eurovan				
00-04	M/T		**86-2257-D**	**86-2337-D**
Golf				
87-91			**86-1084-D**	**86-1085-D**
92-98	1.8L, 2.0L, A/T		**86-2188-D**	**86-1101-D**
92-01	1.8L, 2.0L, M/T	Left	**86-2137-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
99-01	1.8L, 2.0L, A/T		**86-2359-D**	**86-1101-D**
Jetta				
87-91			**86-1084-D**	**86-1085-D**
92-98	1.8L, 2.0L, A/T		**86-2188-D**	**86-1101-D**
92-01	1.8L, 2.0L, M/T	Left	**86-2137-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
94-01	2.8L	Left	**86-2137-D**	**86-1101-D**
		Right	**86-1185-D**	**86-1101-D**
99-01	1.8L, 2.0L, A/T		**86-2359-D**	**86-1101-D**

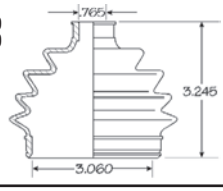
For racing C.V. related products, Volkswagen, Sand Rail, Off-Road, see pages 260-271.

C.V. BOOT ILLUSTRATIONS

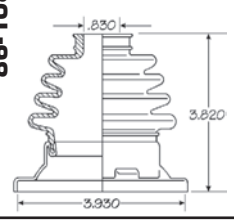
86-1084-D



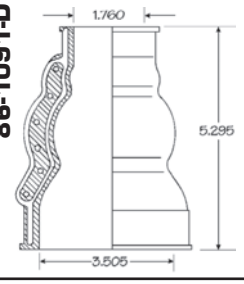
86-1085-D



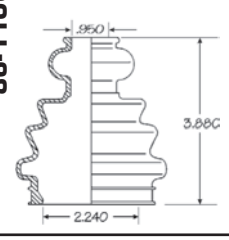
86-1086-D



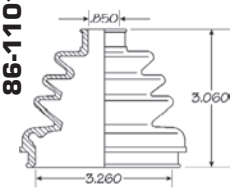
86-1091-D



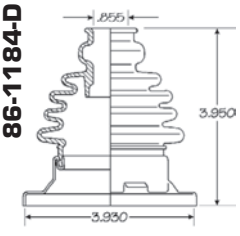
86-1100-D



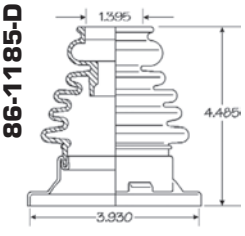
86-1101-D



86-1184-D



86-1185-D



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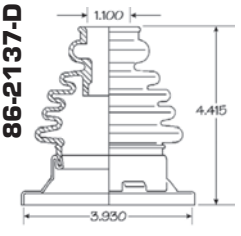
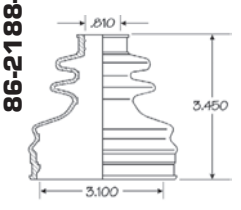
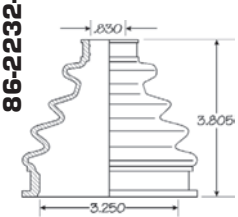


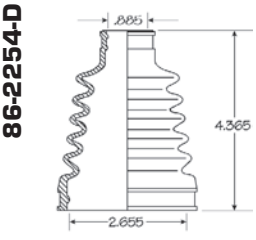
86-2188-D



86-2232-D



86-2254-D



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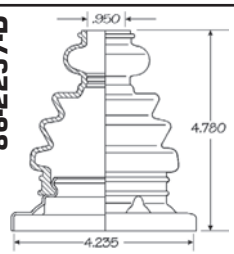
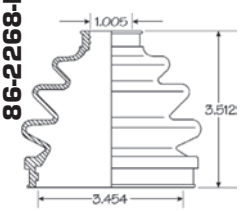
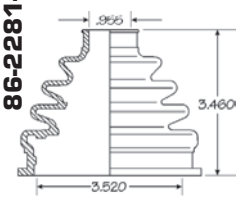


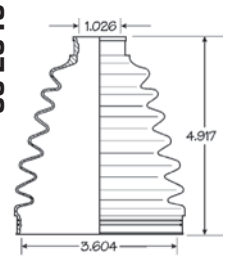
86-2268-D



86-2281-D



86-2319-D



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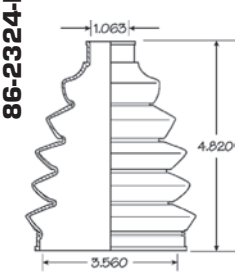

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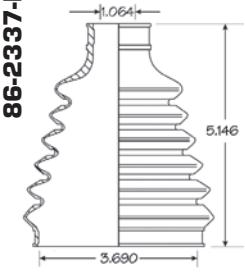

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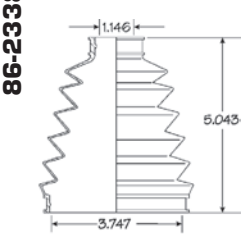

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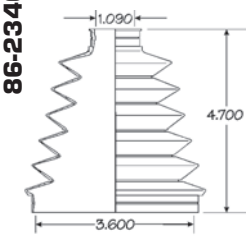

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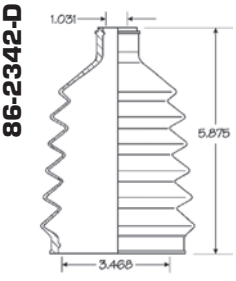

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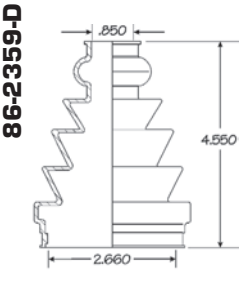

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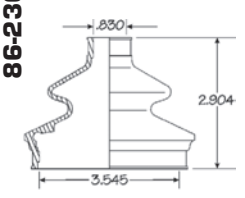

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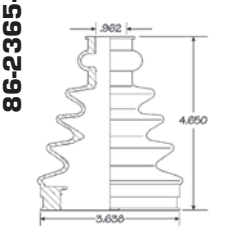

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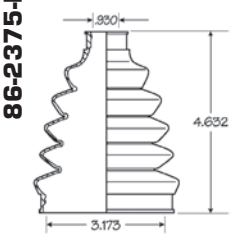

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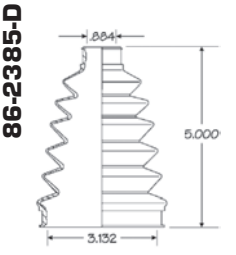

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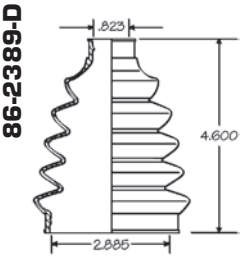
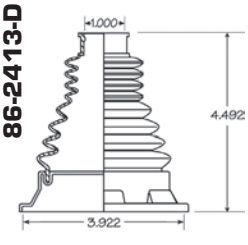


86-2413-D



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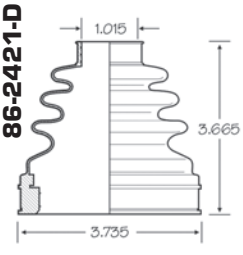

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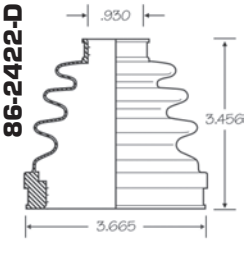
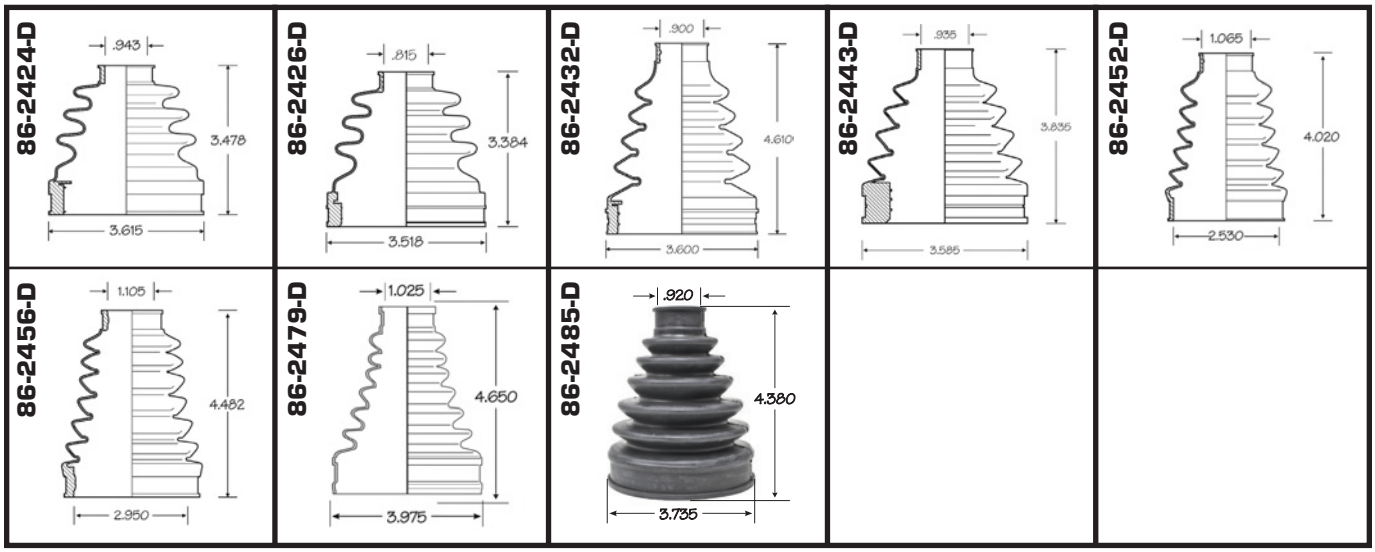


C.V. BOOT ILLUSTRATIONS



INNER TIE ROD KITS

Inner Tie Rod Kits include one (1) Inner Tie Rod, Nut and Hardware (If applicable). All Inner Tie Rod Kits are packaged in our distinctive EMPI 3-Color Trilingual Box.

MODEL	YEARS	SPECIFICATIONS	LEFT	RIGHT
Volkswagen				
New Beetle	98-01	From Ch. #1C-W-047-125	**88-4249-K**	**88-4249-K**
Golf	85-92	Power, TRW Design	**88-4087-K**	**88-4087-K**
	99-03	(New Body)	**88-4249-K**	**88-4249-K**
Jetta	85-92	Power, TRW Design	**88-4087-K**	**88-4087-K**
	99-03	(New Body)	**88-4249-K**	**88-4249-K**

UNIVERSAL RACK & PINION BELLOW KITS

88-1000-K (Non-Vented)

This Universal Rack Bellows can be cut to enlarge both the tie rod end and the housing end to fit a wide variety of applications.

88-1001-K (Vented)

This Universal Rack Bellows can be cut to enlarge both the tie rod end and the housing end to fit a wide variety of applications.

RACK & PINION BELLOW KITS

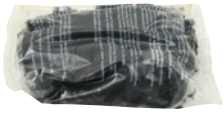
EMPI Rack & Pinion Bellow Kits include Bellow, Plastic Tie Straps and Instructions. All Rack & Pinion Bellow Kits are packaged in our distinctive EMPI 3-Color Trilingual Box.

YEARS	SPECIFICATIONS	LEFT	RIGHT
Volkswagen			
New Beetle			
98-10		88-1590-K	88-1590-K
2011	Not Produced this year		
12-17		88-1613-K	88-1613-K
Cabrio			
95-96		88-1555-K	88-1555-K
97-02		88-1500-K	88-1500-K
Cabriolet			
85-93	Manual	88-1545-K	N/A
	Power	88-1500-K	88-1500-K
CC			
09-17		88-1613-K	88-1613-K
Corrado			
90-95	TRW Design	88-1500-K	88-1500-K
92-95	ZF Design	88-1555-K	88-1555-K
EOS			
07-17		88-1613-K	88-1613-K
Golf (Old Body Style)			
85-92	Manual	88-1545-K	88-1545-K
	Power	88-1500-K	88-1500-K
93-99	TRW Design	88-1500-K	88-1500-K
	ZF Design	88-1555-K	88-1555-K
Golf (New Body Style)			
99-06		88-1590-K	88-1590-K
10-17		88-1613-K	88-1613-K
GTi			
2006		88-1590-K	88-1590-K
07-17		88-1613-K	88-1613-K
Jetta (Old Body Style)			
82-84	Manual	88-1545-K	N/A
	Power	88-1500-K	88-1500-K
85-89	Manual	88-1545-K	88-1545-K
	Power	88-1500-K	88-1500-K
90-92	Manual	88-1545-K	88-1545-K
	Power TRW Design	88-1500-K	88-1500-K
	Power ZF Design	88-1555-K	88-1555-K
93-99	TRW Design	88-1500-K	88-1500-K
	ZF Design	88-1555-K	88-1555-K
Jetta (New Body Style)			
99-04		88-1590-K	88-1590-K
2005	To Ch. # 9M-5-149-999	88-1590-K	88-1590-K
	From Ch. # 1K-5-600-001	88-1613-K	88-1613-K
06-17		88-1613-K	88-1613-K

YEARS	SPECIFICATIONS	LEFT	RIGHT
Volkswagen (Continued)			
Passat			
90-95	TRW Design	88-1500-K	88-1500-K
	ZF Design	88-1555-K	88-1555-K
96-97		88-1555-K	88-1555-K
98-99	4 Cyl. (To 1/31/99)	88-1654-K	88-1588-K
	6 Cyl. (To 1/31/99, Outer Bellows only)	88-1654-K	88-1654-K
1999	4 Cyl. (From 2/1/99)	88-1610-K	88-1588-K
	6 Cyl. (From 2/1/99)	88-1610-K	88-1610-K
00-05	4 Cyl.	88-1610-K	88-1588-K
	6 Cyl	88-1610-K	88-1588-K
02-04	8 Cyl.	88-1610-K	88-1588-K
06-17		88-1613-K	88-1613-K
Phaeton			
04-06		88-1635-K	88-1635-K
R32			
2008		88-1613-K	88-1613-K
Rabbit (Includes Convertible and Pickup)			
75-81		88-1545-K	N/A
1982	Manual	88-1545-K	N/A
	Power	88-1500-K	88-1500-K
83-84	Manual	88-1545-K	88-1545-K
	Power	88-1500-K	88-1500-K
06-09		88-1613-K	88-1613-K
Scirocco			
75-81		88-1545-K	N/A
82-88	Manual	88-1545-K	N/A
	Power	88-1500-K	88-1500-K
Volkswagen SUV/Truck/Van			
Eurovan			
93-01		88-1545-K	88-1545-K
Routan			
09-10		88-1640-K	88-1640-K
Tiguan			
09-17		88-1613-K	88-1613-K
Touareg			
04-17		88-1634-K	88-1634-K
Vanagon (Incl. Syncro)			
80-91		88-1545-K	88-1545-K

BOLTS & GREASE

CV Joint Grease



86-3000/86-3005

86-3009

86-3039 / 86-3027

EMPI Moly C.V. Joint Grease meets the rigid factory fill requirements set by all major C.V. Joint manufacturers. Ask your current supplier if their grease is true moly based! EP-2 (Extreme Pressure) Additive provides superior protection against seizure under extreme pressure loads. Use EMPI Moly Grease for all long travel play car or racing applications.

86-3000	Moly Grease for C.V. Joints, 4 oz. packet
86-3005	Moly Grease for C.V. Joints, 3 oz. packet
86-3009	Red CV Grease, 14oz tube
86-3039*	400 lb. Plastic Lined Drum of Grease
86-3027	35 lb. Drum of Grease

***Shipped via Truck Only**

Grease CANNOT be shipped via AIR

C.V. Bolts

5796

87-5871 87-5080 87-5081

C.V. BOLTS

These hardened aircraft quality C.V. Bolts hold it all together. Available with Allen or 12 Pt. Heads for most popular applications (Bulk quantities available on all part numbers).

16-2409	Bolt for Type 1 C.V., M8 x 1 15/16", 12 Pt. Internal, Set of 6
87-7701	Bulk Bolt for Type 1 C.V., M8 x 1 15/16", 12 Pt. Internal, Each (Ref. P/N: 113 501 229D)
16-2410	Bolt for Type 1 & 2 C.V., 3/8" - 24 x 1 3/4", Allen Head, Set of 6
16-2412	Bolt for Type 1 & 2 C.V., 3/8" - 24 x 1 3/4", 12 Pt., External, Set of 6
16-2413	Bolt for 930 C.V., 3/8" - 24 x 2 1/4", 12 Pt., External, Set of 6
16-2413-7	Spindle Clamp Nut w/ screw, 18mmx1.0 Left, Type 2 68-79, Each
16-2415	Bolt for 930 C.V., 3/8" - 24 x 2 5/16", 12 Pt., External, Set of 6 (For P/N: 86-9312 Flange)
16-2414	Bolt for 934 C.V., 7/16" - 20 x 2 7/16", 12 Pt., External, Set of 6
16-2416 NEW!	Bolt for 934 C.V., 1/2" - 20 x 2 1/2", 12 Pt., External, Set of 6

C.V. JOINT BOLT SOCKET

Available for 6-Point and 12-Point 8mm Hex C.V. joint bolts.

5796	C.V. Joint 12-Point Hex Socket, 8mm, 3/8" Drive
5797	C.V. Joint 6-Point Hex Socket, 8mm, 3/8" Drive

TORQUE DISTRIBUTION WASHER

87-5080	Torque Distribution Washer for 90mm, T-1 Joint, Each
87-5081	Torque Distribution Washer for 100mm, T-2 Joint, Each
87-5871	Torque Distribution Washer for 108mm, 930 Joint, Each

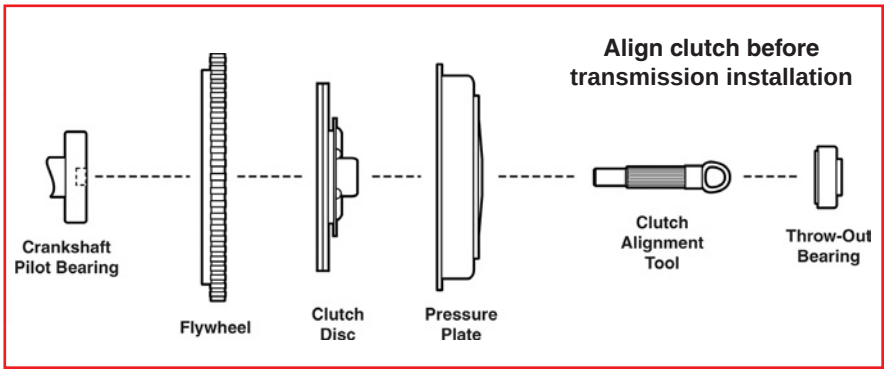
CLUTCH ALIGNMENT TOOLS

This tool makes a complicated job a cinch. When installing the pressure plate, this tool quickly and easily aligns the Pressure Plate and the Clutch Disc, centering on the Pilot Bearing, for quick and error-free installation. Made of High-Impact Plastic with Molded-in Splines and Peg Board Ring, these tools are made to be used again and again. All Clutch Tools are packaged in our distinctive EMPI 3-Color Display Cards. Once out of the package, each tool is easy to identify with molded-in part number and EMPI Blue color.

5302-K

5415-K

5403-K



MAKE & MODEL	YEARS	DESCRIPTION	CLUTCH DISC DIA & SPLINE	PILOT BEARING/BUSHING DIAMETER	PILOT BEARING/BUSHING LENGTH	EMPI #
Volkswagen						
Beetle (New)	98-99	Gas	13/16 x 24	.782	1.070	**5403-K+**
Beetle, Ghia	49-79	Standard Trans.	13/16 x 24	.591	1.085	**5302-K**
	68-79	Auto Stick Trans.	13/16 x 21	.466	.894	**5367-K**
Cabriolet, Cabrio	85-98	All	13/16 x 24	.669	.705	**5378-K+**
Corrado, Passat	89-95	All	7/8 x 28	No Pilot	No Pilot	**5415-K**
Dasher	73-81	Incl. Diesel	13/16 x 24	.591	1.085	**5302-K**
Fox	87-93	All	13/16 x 24	.591	1.085	**5302-K**
Golf	85-95	8 Valve, (Incl. Diesel)	7/8 x 28	.669	.705	**5378-K+**
	86-99	16 Valve, 6 Cyl.	13/16 x 24	.782	1.070	**5403-K+**
Jetta	80-97	8 Valve	7/8 x 28	.669	.705	**5378-K+**
	87-99	16 Valve, 6 Cyl.	13/16 x 24	.782	1.070	**5403-K+**
Quantum, Quantum Synchro	82-85	4 Cyl.	13/16 x 24	.591	1.085	**5302-K**
Rabbit (Incl. Pickup)	74-84	All	7/8 x 28	.669	.705	**5378-K+**
Scirocco	74-89	8 Valve	7/8 x 28	.669	.705	**5378-K+**
	86-89	16 Valve	13/16 x 24	.782	1.070	**5403-K+**
Type III, Fastback, Squareback	62-73	1.5L, 1.6L	13/16 x 24	.591	1.085	**5302-K**
	71-74	1.8L	13/16 x 24	.587	1.800	**5335-K**
Type IV, 411, 412	71-74	All	13/16 x 24	.587	1.800	**5335-K**
Volkswagen SUV/Truck/Van						
Transporter, Type II	50-71	All	13/16 x 24	0.591	1.085	**5302-K**
	72-79	All	13/16 x 24	0.587	1.800	**5335-K**
Vanagon	80-92	Exc. Diesel	13/16 x 24	0.587	1.800	**5335-K**
	82-84	Diesel	13/16 x 24	0.591	1.085	**5302-K**

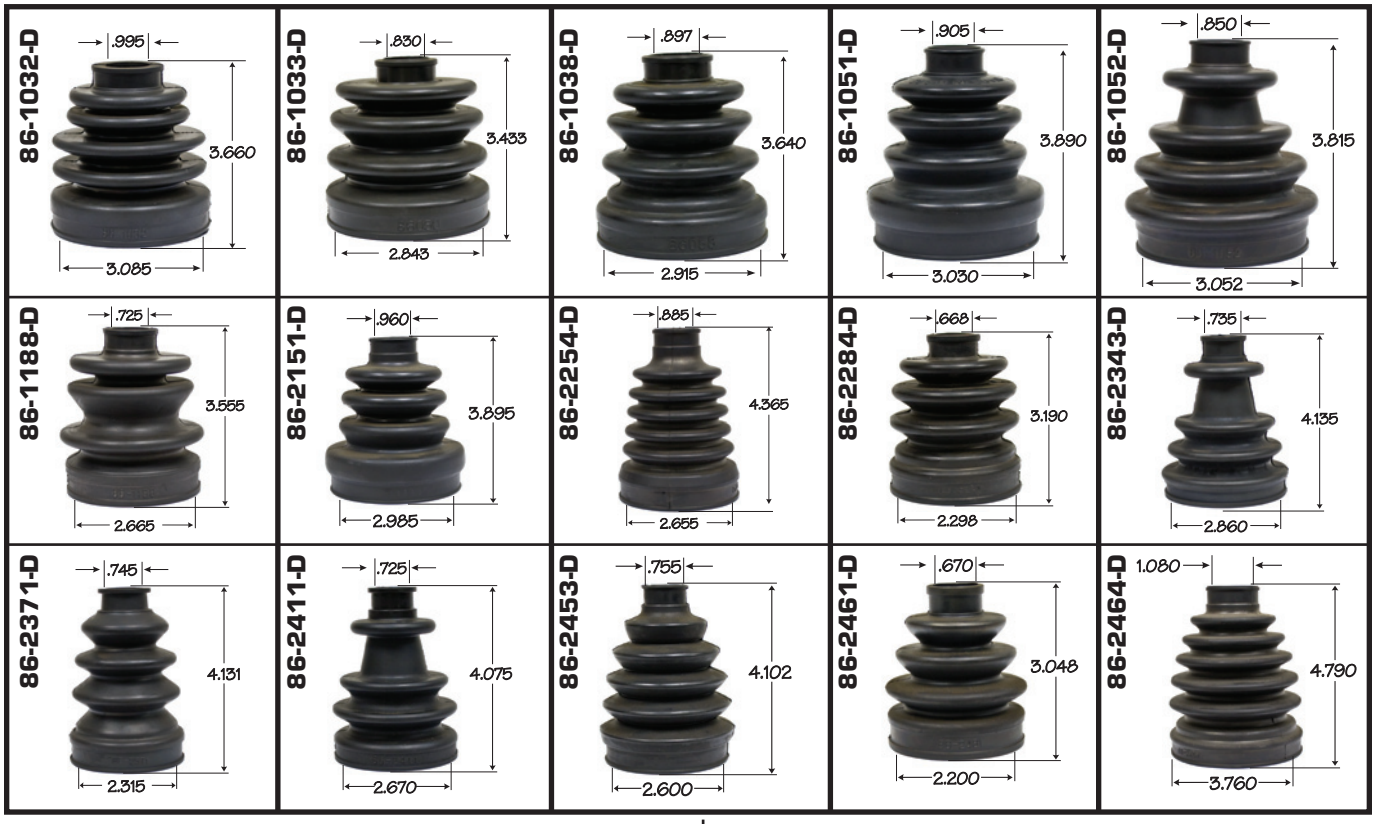
+ Note: *Round plate type clutch tool.*

ATV C.V. BOOT KITS

Complete with Boot, Stainless Steel Clamps, Grease and Basic Installation Instructions. EMPI Constant Velocity Boot Kits come packaged in our distinctive 3-Color Trilingual Box.

86-1188-D

86-2343-D



YEAR	SPECIFICATIONS	INNER	OUTER
ARCTIC CAT			
250			
99-05	Front & ***Rear***	**86-1188-D**	**86-1188-D**
300			
98-05	Front & ***Rear***	**86-1188-D**	**86-1188-D**
375			
2002	Front	**86-1188-D**	**86-1188-D**
400			
98-08	Front	**86-1188-D**	**86-1188-D**
03-08	***Rear***	**86-1188-D**	**86-1188-D**
Bearcat 454			
96-98	Front, (To Serial # 13000)	**86-1188-D**	**86-2284-D**
1998	Front, (From Serial # 13001)	**86-1188-D**	**86-1188-D**
500			
98-08	Front	**86-1188-D**	**86-1188-D**
03-06	***Rear***	**86-1188-D**	**86-1188-D**

YEAR	SPECIFICATIONS	INNER	OUTER
ARCTIC CAT (Continued)			
650			
04-06	Front & ***Rear***	**86-1188-D**	**86-1188-D**
700			
07-08	Front & ***Rear***	**86-1188-D**	**86-1188-D**
BOB-CAT			
2200			
04-10	4x4	**86-2411-D**	**86-2411-D**
2300			
06-10	4x4	**86-2411-D**	**86-2411-D**
BOMBARDIER			
Outlander 330			
04-05	Front	**86-2371-D**	**N/A**
	Rear	**N/A**	**86-2343-D**
Outlander 400			
03-05	Front	**86-2371-D**	**N/A**
	Rear	**N/A**	**86-2343-D**

ATV C.V. BOOT KITS

YEAR	SPECIFICATIONS	INNER	OUTER
BOMBARDIER (Continued)			
Outlander 650			
2006	Front	N/A	86-2453-D
Outlander 800			
2006	Front	N/A	86-2453-D
Quest 500			
02-04	Front	86-2371-D	N/A
Quest 650			
02-04	Front	86-2371-D	N/A
Traxter 500			
99-05	Front	86-2371-D	N/A
Traxter 650			
2005	Front	86-2371-D	N/A
CAN-AM			
Commander 800			
11-12	Front	N/A	86-2453-D
13-14	Front	86-2453-D	TBA
2015	Front	N/A	86-2453-D
Maverick 1000			
2013	Front	N/A	86-2453-D
14-15	Front (Exc. X MR)	N/A	86-2453-D
	Front, X MR	86-2453-D	86-2453-D
Outlander 400			
07-12	Front	N/A	86-2453-D
	Rear	N/A	86-2343-D
13-15	Front	N/A	86-2453-D
Outlander L 450			
2015	Front	N/A	86-2453-D
Outlander 500			
07-15	Front	N/A	86-2453-D
Outlander 650			
07-12	Front	N/A	86-2453-D
13-15	Front (Exc. X MR)	N/A	86-2453-D
Outlander 800			
07-15	Front	N/A	86-2453-D
Renegade 500			
08-14	Front	N/A	86-2453-D
Renegade 800			
07-15	Front	N/A	86-2453-D
Renegade 1000			
12-15	Front	N/A	86-2453-D
CARTER BROTHERS			
GTR 250			
06-07	*Rear*	N/A	86-1188-D
09-10	*Rear*	N/A	86-1188-D
GTR 250 Interceptor			
2008	*Rear*	N/A	86-1188-D

YEAR	SPECIFICATIONS	INNER	OUTER
CARTER BROTHERS (Continued)			
GTR 300 Interceptor			
2008	*Rear*	N/A	86-1188-D
CUB CADET			
Volunteer			
06-13	Front	86-2411-D	86-2343-D
	Rear	86-2411-D	86-2343-D
HONDA			
TRX 300			
88-00	4x4	86-2284-D	86-2284-D
TRX 350 Rancher			
00-06	4x4	86-2371-D	86-2284-D
TRX 350			
86-87	4x4	N/A	86-2284-D
TRX 350D			
87-89	4x4	N/A	86-2284-D
FL400R Pilot			
89-90	*Rear*	86-1038-D	86-1033-D
TRX 400 Foreman			
95-01	4x4	86-2284-D	86-2284-D
2003	4x4	86-2371-D	86-2284-D
TRX 420 Rancher			
07-11	4x4	86-2464-D	86-2284-D
TRX 450 Foreman			
98-04	4x4	86-2371-D	86-2284-D
TRX 500 Foreman			
05-06	4x4	86-2461-D	86-1188-D
2007	4x4 Exc. ES w/Power Steering	86-2461-D	86-1188-D
	4x4 ES w/Power Steering	86-2461-D	86-2284-D
08-13	4x4	86-2461-D	86-2284-D
TRX 500 Rubicon			
01-04	4x4	86-2371-D	86-1188-D
05-07	4x4	86-2461-D	86-1188-D
08-13	4x4	86-2461-D	86-2284-D
TRX 650 Rincon			
03-04	Front	86-2371-D	86-1188-D
2005	Front	86-2461-D	86-1188-D
KAWASAKI			
Bayou 300			
89-04	4x4	86-2371-D	86-2284-D
Bayou 400			
93-99	4x4	86-2371-D	86-2284-D

ATV C.V. BOOT KITS

KAWASAKI (Continued)

YEAR	SPECIFICATIONS	INNER	OUTER
Brute Force 650			
05-09	4x4	86-2461-D	86-2284-D
06-08	Front, 4x4i	86-2461-D	86-1188-D
	Rear, 4x4i	N/A	86-1188-D
09-13	Front, 4x4i	86-2461-D	86-2453-D
	Rear, 4x4i	86-2461-D	86-2254-D
Brute Force 750			
05-07	Front	86-2461-D	86-1188-D
	Rear	N/A	86-1188-D
08-11	Front	N/A	86-2453-D
	Rear	86-2461-D	86-2254-D
12-13	Front	86-2461-D	86-2453-D
	Rear	86-2461-D	86-2254-D
Mule 610			
05-08	4x4	86-2284-D	86-1188-D
2009	4x4 (To VIN # 1JK1AFEA1 9B547191)	86-2284-D	86-1188-D
	4x4 (From VIN # 1JK1AFEA1 9B547192)	86-2461-D	86-2453-D
10-11	4x4	86-2461-D	86-2453-D
Mule 2010			
1990	4x4	N/R	86-2284-D
Mule 2510			
93-95	4x4 620cc	N/A	86-2284-D
97-99	4x4 620cc	N/A	86-2284-D
2000	4x4 620cc and 950cc Diesel	86-2371-D	86-2284-D
Mule 3010			
01-08	4x4 620cc and 950cc Diesel	86-2371-D	86-2284-D
Prairie 300			
99-02	4x4	86-2284-D	86-2284-D
Prairie 360			
03-05	4x4	86-2284-D	86-2284-D
06-08	4x4	86-2461-D	86-2284-D
09-13	4x4	86-2461-D	N/A
Prairie 400			
97-02	4x4	86-2284-D	86-2284-D
Prairie 650			
02-03	4x4	86-2284-D	86-2284-D
Prairie 700			
04-06		86-2461-D	86-2284-D

KUBOTA

YEAR	SPECIFICATIONS	INNER	OUTER
RTV900			
03-08	**Front**	86-2371-D	86-2284-D

KYMCO

YEAR	SPECIFICATIONS	INNER	OUTER
MXU500			
06-07	**Front**	86-2284-D	86-2284-D

POLARIS

YEAR	SPECIFICATIONS	INNER	OUTER
300			
1995	4x4	N/R	86-2343-D
350L			
1990	4x4	N/R	86-2343-D
500			
2002	4x4 PPS	86-2461-D	86-2343-D
Big Boss 250			
1991	6x6	N/R	86-2343-D
1992	6x6 (BTB)	N/R	86-2343-D
Big Boss 400L			
95-96	6x6 (BTB)	N/R	86-2343-D
1997	6x6	N/R	86-2343-D
Big Boss 500			
1998	6x6	N/R	86-2343-D
Diesel 500			
99-02	Front, 4x4	N/R	86-2343-D
	Rear, 4x4	86-2151-D	86-1052-D
Hawkeye			
06-07	4x4 Front	86-2284-D	86-2284-D
06-09	***Rear***	86-2284-D	86-2284-D
Magnum 325			
2000	4x4	N/A	86-2343-D
01-02	4x4 (Exc HDS)	N/A	86-2343-D
	4x4 HDS	86-2461-D	86-2343-D
Magnum 330			
03-04	4x4 HDS	86-2461-D	86-2343-D
Magnum 425			
95-96	4x4 (BTB)	N/R	86-2343-D
	6x6 (BTB)	N/R	86-2343-D
1997	4x4	N/R	86-2343-D
	6x6	N/R	86-2343-D
1998	4x4	N/R	86-2343-D
Magnum 500			
99-00	4x4	N/R	86-2343-D
2001	4x4 (Exc. HDS)	N/R	86-2343-D
2002	4x4 HDS	86-2461-D	86-2343-D
2003	4x4	86-2461-D	86-2343-D
PTV			
2002	4x4	86-2461-D	86-2343-D
Ranger 500			
04-05	Front, 4x4	N/A	86-2343-D
Scrambler 400			
95-96	4x4 (BTB)	N/R	86-2343-D
97-98	4x4	N/R	86-2343-D
1999	4x4 (BTB)	N/R	86-2343-D

ATV C.V. BOOT KITS

YEAR	SPECIFICATIONS	INNER	OUTER
POLARIS (Continued)			
Scrambler 500			
97-98	4x4	N/R	86-2343-D
Sportsman 300			
08-10	Front, 4x4	86-2284-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
Sportsman 335			
99-00	Front, 4x4	N/R	86-2343-D
2000	***Rear***, 4x4 (CV Design)	86-1051-D	86-1052-D
Sportsman 400			
95-96	Front, 4x4 (BTB)	N/R	86-2343-D
1997	Front 4x4	N/R	86-2343-D
2001	Front, 4x4	N/R	86-2343-D
	Rear, 4x4	86-2151-D	86-1052-D
02-05	***Rear***, 4x4	86-2151-D	86-1052-D
08-10	***Front***, 4x4	86-2284-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
Sportsman 450			
06-07	Front, 4x4 (Before 7/25/06)	N/A	86-2343-D
Sportsman 500			
1996	4x4 (BTB)	N/R	86-2343-D
98-99	Front, 4x4	N/R	86-2343-D
1999	***Rear***, 4x4	86-2151-D	86-1052-D
00-01	Front, 4x4	N/R	86-2343-D
	Front, 6x6	N/R	86-2343-D
	Rear, 4x4	86-2151-D	86-1052-D
02-05	***Rear***, 4x4	86-2151-D	86-1052-D
2006	Front, 4x4	N/R	86-2343-D
2007	Front, 4x4 (Before 7/25/06)	N/A	86-2343-D
Sportsman 600			
03-05	***Rear***, 4x4	86-2151-D	86-1032-D
Sportsman 700			
02-05	***Rear***, 4x4	86-2151-D	86-1032-D
06-07	Front, 4x4 (Before 7/25/06)	N/A	86-2343-D
Sportsman 800			
2005	***Rear***, 4x4	N/A	86-1032-D
2006	Front, 4x4 (Housing Stamped GKN)	N/A	86-2343-D
2007	Front, 4x4 (Before 7/25/06)	N/A	86-2343-D
Trail Boss 250			
1991	Front, 4x4	N/R	86-2343-D
1992	Front, 4x4 (BTB)	N/R	86-2343-D
Trail Boss 350L			
1991	Front, 4x4	N/R	86-2343-D
1992	Front, 4x4 (BTB)	N/R	86-2343-D
Worker 335			
1999	Front, 4x4	N/R	86-2343-D

YEAR	SPECIFICATIONS	INNER	OUTER
POLARIS (Continued)			
Worker 500			
1999	Front, 4x4	N/R	86-2343-D
	Rear, 4x4	86-2151-D	86-1052-D
Xpedition 325			
00-02	Front, 4x4	N/R	86-2343-D
Xpedition 425			
00-01	Front, 4x4	N/R	86-2343-D
Xplorer 300			
96-99	Front, 4x4	N/R	86-2343-D
Xplorer 400			
95-96	4x4 (BTB)	N/R	86-2343-D
97-98	4x4	N/R	86-2343-D
SUZUKI			
Eiger 400			
2002	Front, 4x4	86-2284-D	86-2284-D
03-04	Front, 4x4, W/ 68LAC O.B. Housing	86-2284-D	86-2284-D
	Front, 4x4, W/ UJ68 O.B. Housing	86-2461-D	86-2461-D
05-07	Front, 4x4	86-2461-D	86-2284-D
King Quad 300			
91-93	4x4	N/A	86-2284-D
96-98	4x4, W/ 68LAC I.B. Housing	86-2284-D	86-2284-D
	4x4, W/ 71LAC I.B. Housing	N/A	86-2284-D
99-02	4x4	86-2284-D	86-2284-D
King Quad 400			
08-11	4x4	86-2461-D	86-2284-D
King Quad 450			
07-10	Front, 4x4	86-2284-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
Quad Master 500			
00-01	4x4	86-2284-D	86-2284-D
Quad Runner 250			
1987	4x4	N/R	86-2284-D
88-96	4x4	N/A	86-2284-D
97-98	4x4, W/ 68LAC I.B. Housing	86-2284-D	86-2284-D
	4x4, W/ 71LAC I.B. Housing	N/A	86-2284-D
99-02	4x4	86-2284-D	86-2284-D
Quad Runner 500			
98-01	4x4	86-2284-D	86-2284-D
Q.U.V. 620			
2005	4x4	86-2371-D	86-2284-D
Twin Peaks 700			
04-05	4x4	86-2461-D	86-2284-D

ATV C.V. BOOT KITS

YEAR	SPECIFICATIONS	INNER	OUTER
SUZUKI (Continued)			
Vinson 500			
2002	4x4, A/T	86-2284-D	86-2284-D
03-05	4x4	86-2461-D	86-2461-D
2006	4x4	86-2461-D	86-2284-D
YAMAHA			
Big Bear 350			
87-96	4x4	86-2371-D	86-2284-D
1997	4x4, W/ 68 AC I.B. Housing	86-2371-D	86-2284-D
	4x4, W/68 LAC I.B. Housing	86-2284-D	86-2284-D
98-99	4x4	86-2284-D	86-2284-D
Big Bear 400			
00-01	4x4	86-2284-D	86-2284-D
02-06	4x4	86-2371-D	86-2284-D
07-12	4x4 (Front)	86-2461-D	86-2284-D
	4x4 (***Rear***, IRS)	86-2284-D	86-2284-D
Bruin 350			
04-06	4x4	86-2371-D	86-2284-D
Grizzly 350			
2007	4x4	86-2371-D	86-2284-D
07-11	Front, 4x4 (Exc. IRS)	86-2371-D	86-2284-D
	Front, 4x4, (IRS)	86-2461-D	86-2284-D
	Rear, 4x4, (IRS)	86-2284-D	86-2284-D
12-14	Front, 4x4	86-2461-D	86-2284-D
Grizzly 400			
2007	Front, 4x4	86-2371-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
Grizzly 450			
07-14	Front, 4x4	86-2461-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
Grizzly 600			
98-01	4x4	86-2284-D	86-2284-D

YEAR	SPECIFICATIONS	INNER	OUTER
YAMAHA (Continued)			
Grizzly 660			
2002	Front, 4x4	86-2284-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
2003	Front, 4x4, W/ 68 LAC O.B. Housing	86-2461-D	86-2284-D
	Front, 4x4, W/ UJ 68 O.B. Housing	86-2461-D	86-2461-D
	Rear, 4x4	86-2284-D	86-2461-D
04-08	Front, 4x4	86-2461-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
Kodiak 400			
93-06	Front, 4x4	86-2371-D	86-2284-D
05-06	***Rear***, 4x4	86-2371-D	86-2284-D
Kodiak 450			
03-06	Front, 4x4	86-2284-D	86-2284-D
05-06	***Rear***, 4x4	86-2284-D	86-2284-D
Rhino 450			
06-09	Front, 4x4	86-2461-D	86-1188-D
	Rear, 4x4	86-2284-D	86-1188-D
Rhino 660			
2004	Front, 4x4	86-2284-D	86-2284-D
	Rear, 4x4	86-2284-D	86-2284-D
05-07	Front, 4x4	86-2461-D	86-1188-D
	Rear, 4x4	86-2284-D	86-1188-D
Rhino 700			
08-13	Front, 4x4	86-2284-D	TBA
	Rear, 4x4	86-2284-D	TBA
Timberwolf 250			
94-00	4x4	86-2371-D	86-2284-D
Wolverine 350			
95-05	4x4	86-2284-D	86-2284-D
Wolverine 450			
06-10	4x4	86-2371-D	86-2284-D

CHROMOLY COMPLETE AXLES FOR RHINO

Be it mountain trails, sand, or off road, these axles and joints are for the owner who likes to have serious fun with his equipment. These units have 4340 chromoly outer housing (outboard end only), cages, inner races, and axle bars. They will take the punishment and not leave you stranded. All Axles are supplied with the spindle nut.

CHROMOLY

Rhino Extended Length Axles

Note: Must be used with aftermarket long travel 6" extended trailing arms. **EXCLUDES EXTENDED WHEELBASE SETUPS.**

80-9124-0 Chromoly Axle Assembly, Rhino 04-07, Left Front, Extended Length, Each
80-9125-0 Chromoly Axle Assembly, Rhino 04-07, Right Front, Extended Length, Each
80-9127-0 Chromoly Axle Assembly, Rhino 04-07, Right Rear, Extended Length, Each

CHROMOLY

***All axle lengths are measured collapsed**

CHROMOLY

Rhino OEM Length Axles

80-9130-0 Chromoly Axle Assembly, Rhino 04-07, Left Front, OEM Length, Each
80-9131-0 Chromoly Axle Assembly, Rhino 04-07, Right Front, OEM Length, Each
80-9133-0 Chromoly Axle Assembly, Rhino 04-07, Right Rear, OEM Length, Each

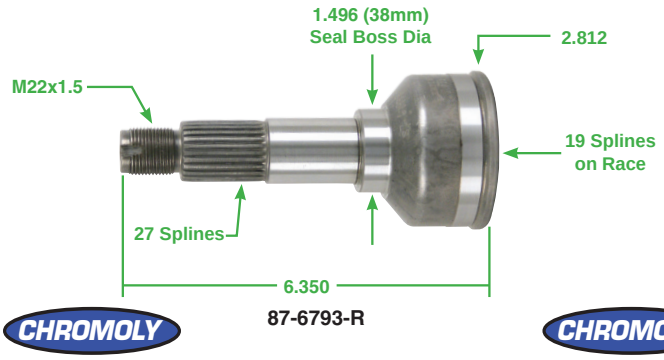
CHROMOLY

***All axle lengths are measured collapsed**

REPLACEMENT CV JOINTS FOR RHINO

These CV Joints are engineered for replacement on either OEM or EMPI produced axles. O.B. Joint (87-6793-R) is 100% chromoly. I.B. Joints have chromoly inner races and cages, making these CV Joints much stronger then OEM. As a added feature these CV Joints are 100% compatible with OEM center bars.

87-6789-R HP CV Joint, Rhino *04-07, Front Axle, Inboard End, Driver Side
87-6790-R HP CV Joint, Rhino *04-07, Front Axle, Inboard End, Passenger Side
87-6792-R HP CV Joint, Rhino *04-07, Rear Axle, Inboard End, Passenger Side
87-6793-R HP CV Joint, Rhino *04-07, Outboard End, All (Supplied with Nut)
Late 04 (2nd Design)



REPLACEMENT CV BOOT KITS FOR RHINO

Complete with Boot, Stainless Steel Clamps, Greese, and Installation Instructions. EMPI Replacement CV Boot Kits for Rhino come packaged in our distinctive 3-Color Trilingual Box.

86-2461-D Inner Front, Left & Right
86-2284-D Inner Rear, Left & Right
86-1188-D Outer Front & Rear, Left & Right

86-2284-D

86-1188-D

86-2461-D

OFF-ROAD CV JOINTS

SUZUKI SAMURAI CHROMOLY CV JOINTS AND AXLE BARS

The Suzuki Samurai has quite an off road following and deserves quality components. Our 4340 Chromoly CV Joints and Axles will get the job done. An improved design over OE, these axles and joints must be used together.

87-9923-R Chromoly CV Joint, Samurai, Suzuki, 86-95, Each
25 Splines on Bar End (Inner Race)

87-3168-0 Clip to hold O.B. CV Joint to Bar (10 pcs.)

81-1065-R Chromoly Axle Bar, Samurai, Suzuki, 86-95, Short, Left, Each
25 Splines on Joint End, 26 Splines on Transmission End, 14.875" Long

81-1066-R Chromoly Axle Bar, Samurai, Suzuki, 86-95, Long, Right, Each
25 Splines on Joint End, 26 Splines on Transmission End, 27.687" Long

TOYOTA TRUCK AND LAND CRUISER CHROMOLY CV JOINTS AND AXLE BARS (STOCK 27 SPLINE)

4340 Chromoly CV Joints and Axles. Manufactured for OE 27 spline. An improved design over OE. 87-9314-R Joint can be used with OE axle bars or EMPI axle bars. See specifications listed below.

87-9314-R Toyota 27 Spline Chromoly CV Joint, Land Cruiser (FJ40) 75-84, Land Cruiser (FJ60) 8/80-1/90, Truck 79-85, Each

87-3043-0 Clip to hold O.B. CV Joint to Bar (10 pcs.)

87-8604-R 27 Spline H/P Chromoly Axle Bar, Land Cruiser (FJ60) 8/80-1/90, Truck 79-85, 31.5" Long, Driver Side, Each

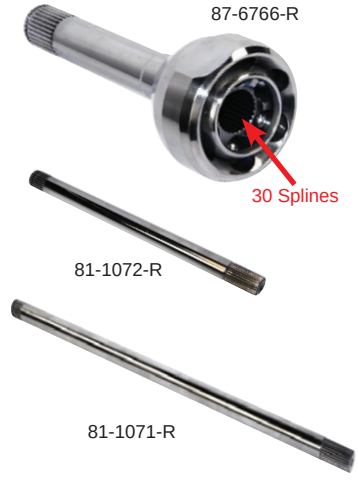
87-8605-R 27 Spline H/P Chromoly Axle Bar, Truck 79-85, 15.25" Long, Pass. Side, Each

87-1264-R 27 Spline H/P Chromoly Axle Bar, Land Cruiser (FJ40) 75-84, 28.937" Long, Driver Side, Each

87-1265-R 27 Spline H/P Chromoly Axle Bar, Land Cruiser (FJ40) 75-84, Land Cruiser (FJ60) 8/80-1/90, 17.312" Long, Pass. Side, Each

TOYOTA TRUCK AND LAND CRUISER CHROMOLY CV JOINTS AND AXLE BARS (30 SPLINE)

4340 Chromoly CV Joints and Axles. Manufactured for 30 spline aftermarket applications. An improved design over OE. 30 spline Joint **must use EMPI axle bars**. See specifications listed below.



87-6766-R 30 Spline Chromoly CV Joint, Land Cruiser (FJ40) 75-84, Land Cruiser (FJ60) 8/80-1/90, Truck 79-85, Each

87-3043-0 Clip to hold O.B. CV Joint to Bar (10 pcs.)

87-1266-R 30 Spline H/P Chromoly Axle Bar, Land Cruiser (FJ60) 8/80-1/90, Truck 79-85, 31.5" Long, Driver Side, Each

87-1267-R 30 Spline H/P Chromoly Axle Bar, Truck 79-85, 15.25" Long, Pass. Side, Each

81-1071-R 30 Spline H/P Chromoly Axle Bar, Land Cruiser (FJ40) 75-84, 28.937" Long, Driver Side, Each

81-1072-R 30 Spline H/P Chromoly Axle Bar, Land Cruiser (FJ40) 75-84, Land Cruiser (FJ60) 8/80-1/90, 17.312" Long, Pass. Side, Each

REPLACEMENT PARTS

237 011 031
98-0109-B
Scissor Jack
Type 2 & Type 1, Each

113 101 221B
98-0142-B
Deflector Plate, Gasket Generator Support,
Type 1 60-79, Ghia 60-74,
Type 2 63-71, Type 3 64-73,
Each

111 101 461
98-0145-B
Washer, Cylinder Head
(10mm), Type 1 All, Ghia All,
Type 2 All, Type 3 All, Each

251 012 243
98-0113-B •
O.E.M. Type Hub Cap Tool,
Type 1 50-79, Ghia 56-74,
Type 2 50-79,
Type 3 64-73, Each

043 101 355C
98-1355-B
Stock Dual Port Cyl. Head,
Bare, 1500-1600cc,
Type 1 71-79, Ghia 71-74,
Type 2 71, Type 3 71-73
Casting # 040.101.375.13

043 101 465
98-0146-B
Washer, Cylinder Head
(8mm), Type 1 All, Ghia All,
Type 3 All, Each

043 101 025
043 101 033
043 101 102A
98-0431-B
Magnesium Alloy
AS41 Version
Engine Case, 1500-1600cc,
Type 1 67-79, Ghia 67-74,
Type 2 66-71, Type 3 66-73

043 101 355CK
98-1356-B
Stock Dual Port Cyl. Head,
Complete, Type 1 71-79,
Ghia 71-74, Type 2 71,
Type 3 71-73
Casting # 040.101.375.13

113 101 475B
98-9196-B •
Valve Cover, Black,
1200-1600cc,
Type 1 61-79, Ghia 61-74,
Type 2 61-71, Type 3 64-73,
Each

111 101 123
98-0133-B •
Dowel Pin, Main Bearing,
Type 1 All, Ghia All,
Type 2 50-71, Type 3 All, Each

98-1324-B
Dual Port Bare
Cylinder Head
for 85.5mm.
12mm 3/4" Reach Plug

021 101 481
98-0148-B •
Valve Cover Gasket,
1700-2000cc, Each,
Type 2 72-79, Vanagon 80-83,
Each

040 101 157
98-0157-B •
Cam Plug, Rubber, for O.E.M.
Case w/o Groove,
Type 1 66-79, Ghia 66-74,
Type 2 63-71, Type 3 64-73,
Each

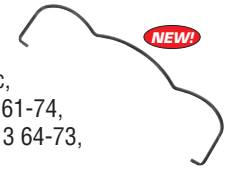
98-1325-B
Dual Port Complete
Cylinder Head
for 85.5mm.
12mm 3/4" Reach Plug

113 101 481F
00-9907-B •
Valve Cover Gasket, 1200-1600cc,
Type 1 61-79, Ghia 61-74, Type 2
61-71, Type 3 64-73,
Each

113 101 157C
98-0156-B •
Cam Plug, Metal, for Case w/
Groove, 1300-1600cc,
Type 1 66-79, Ghia 66-74,
Type 2 63-71, Type 3 64-73,
Each

113 101 401BR
00-4002-0
Valve Guide, Int/Exh.,
Type 1 61-74, Ghia 61-74,
Type 2 61-71, Type 3 64-73,
Each

043 101 487
98-9197-B
Valve Cover Bale,
Black, 1200-1600cc,
Type 1 61-79, Ghia 61-74,
Type 2 61-71, Type 3 64-73,
Each

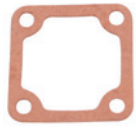


113 101 211G
00-9194-B •
Gen./Alt. Stand, 12-Volt
Type 1 67-74, Ghia 67-74,
Type 2 67-71, Each

021 101 457
98-0143-B
Hex Nut, Cylinder Head
(10mm), Type 1 All, Ghia All,
Type 2 All, Type 3 All, Each

043 105 101
98-1510-B
Crankshaft, 69mm, 1500-1600cc,
Type 1 67-79, Ghia 67-74,
Type 2 63-71, Type 3 64-73

113 101 219
98-0141-B
Gasket, Generator Stand
Type 1 60-79, Ghia 60-74,
Type 2 61-71, Type 3 64-73,
Each



043 101 457
98-0144-B
Hex Nut, Cylinder Head
(8mm), Type 1 All, Ghia All,
Type 3 All , Each

113 105 209
98-1520-B
Timing Gear, 1200-1600cc,
Type 1 61-79, Ghia 61-74,
Type 2 61-71, Type 3 64-73,
Each

111 105 213
98-1521-B
Woodruff Key, Timing Gear, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

029 105 245B
98-0150-B
Flywheel Seal, 1700-2000cc, Type 2 72-79, Vanagon 80-83, Each

113 105 277
98-8600-B •
NEW!
8mm Stock Length Dowel Pin, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 105 219
98-1522-B
Spacer Ring for Crankshaft, 1200-1600cc, Type 1 50-79, Ghia 56-74, Type 2 50-71, Type 3 64-73, Each

113 105 245FG
32-1546-B •
Flywheel Seal, 1200-1600cc, Red Silicone, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 67-73, Each
(Elring)

113 105 281A
98-1277-B
Flywheel Shim (.24mm), Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each

111 105 223
98-1523-B
Distributor Drive Gear, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 105 245FS
32-1545-B •
Flywheel Seal, 1200-1600cc, Red Silicone, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 67-73, Each

113 105 283A
98-1278-B
Flywheel Shim (.30mm), Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each

111 105 227
98-1527-B
Retaining Clip, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

021 105 247A
98-0151-B
NEW!
Crank Pulley Seal, 1700-2000cc, Type 2 72-79, Vanagon 80-83, Type 4 71-74, Each

113 105 285A
98-1279-B
Flywheel Shim (.32mm), Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each
NEW!

113 105 231B
98-1531-B
Distributor Drive Pinion, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 105 249
98-1549-B
Woodruff Key, Crank Pulley, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 105 287A
98-1280-B
Flywheel Shim (.34mm), Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each

111 105 233
98-0115-B
Distributor Drive Pinion Spring, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 105 251G
00-8969-7 •
NEW!
Bulk Chrome Stock Style Crank Pulley, Type 1 66-79, Ghia 66-74, Type 2 63-71, Each

113 105 289A
98-1281-B
Flywheel Shim (.36mm), Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each

111 105 235A
98-1532-B
Washer, Distributor Drive Pinion (.60mm), Type 1 50-79, Ghia 56-74, Type 2 50-71, Type 3 64-73, Each

311 105 273A
98-1273-B
Flywheel, w/4 Dowel, 200mm/12-Volt/130 Teeth 1300-1600cc, Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73

113 105 291A
98-1282-B
Flywheel Shim (.38mm), Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each

113 105 241A
98-1541-B
Oil Slinger, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

311 105 273HP
98-1275-B
Flywheel w/8 Dowel & Lightened, 200mm/130 Teeth, Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73

311 105 295A
98-1283-B
O-Ring, Flywheel, Type 1 66-79, Ghia 67-74, Type 2 64-71, Type 3 64-73, Each

111 105 297
00-4030-B •
H.D. Gland Nut Washer, All 40HP 1200-1600cc

039 105 707MX
98-1584-S
Rod Bearing Set, .25mm, 2000cc, Type 4

113 105 725MX
98-1610-S
Rod Bearing Set, 1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

111 105 305E
00-4029-B •
Flywheel Gland Nut, 1200-1600cc w/4 Speed Trans., Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 105 707MX
98-1577-S
Rod Bearing Set, .25mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 109 021D
98-1920-B
Camshaft, Stock Grind, w/Flat Gear, Type 1 66-70, Ghia 66-70, Type 2 63-70, Type 3 64-70

311 105 401B
98-0153-B
Connecting Rod Set, New, Set of 4, Type 1 66-79, Ghia 66-74, Type 2 63-71, Type 3 64-73

113 105 713
98-1571-B
Rod Bearing Set, .50mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 109 021G
98-1921-B
Camshaft, Stock Grind, w/Dish Gear, Type 1 71-79, Ghia 71-74, Type 2 71, Type 3 71-73

311 105 431A
98-1570-B
Connecting Rod Bushing Set, Split Type, 1300-1600cc, Type 1 66-79, Ghia 66-74, Type 2 63-71, Type 3 64-73

039 105 713MX
98-1585-S
Rod Bearing Set, .50mm, 2000cc, Type 4

311 109 301A
00-4033-7 •
Push Rod, 1300-1600cc, Type 1 66-79, Ghia 66-74, Type 2 63-71, Type 3 64-73, Each

113 105 701
98-1575-B
Rod Bearing Set, Std., 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 105 713MX
98-1571-S
Rod Bearing Set, .50mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 109 309C
21-4300-B •
Cam Follower, Solid, 1200-1600cc (Box of 8), Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

039 105 701MX
98-1582-S
Rod Bearing Set, Standard, 2000cc, Type 4

113 105 719
98-1579-B
Rod Bearing Set, .75mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

021 109 309G
98-8625-B
Solid Lifter, 1700-2000cc, Type 2 72-77, Type 4 71-74, Each

113 105 701MX
98-1575-S
Rod Bearing Set, Std., 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

039 105 719MX
98-1586-S
Rod Bearing Set, .75mm, 2000cc, Type 4

111 109 335
98-8627-B
Stock Push Rod Tube, 25-36HP, Raw, Each

113 105 707
98-1577-B
Rod Bearing Set, .25mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 105 719MX
98-1579-S
Rod Bearing Set, .75mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 109 335
98-8626-B
Stock Push Rod Tube, 40HP, 1200cc, Raw, Each

311 109 335
00-8522-1
Stock Push Rod Tube, 1300-1600cc, Type 1 66-79, Ghia 66-74, Type 2 63-71, Type 3 64-73, Raw, Each

021 109 349B
98-9203-B
Push Rod Tube Seal, Viton Material, Late Type 2 / Type 4, 1700-2000cc, Head Side (Outer), Each **(Elring)**

111 115 107AHP
98-1158-B
Oil Pump, 8mm Bolt Holes, 30mm Gears, 1500-1600cc, Type 1 67-70, Ghia 67-70, Type 2 67-70, Type 3 67-70

311 109 335ADJ
00-9160-B •
Adjustable Push Rod Tube, Nylon, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

043 109 451
98-0114-B •
M8 x 1.0 Valve Adjustment Screw, Type 1 50-79, Ghia 56-74, Type 2 50-71, Type 3 64-73, Each

311 115 107AK
98-1120-B
Schadek HD Oil Pump F/ Flat Cam, 21mm Gears 8mm Bolt Holes, 1500-1600cc Type 1 68-69, Type 2 68-69, Type 3 68-69, Fits Single Relief Case with Flat Cam Gear

021 109 335C
98-8628-B
Stock Push Rod Tube, Type 2 1972-1979, 1700-2000cc, Air Cooled Vanagon 1980-1983, Silver Zinc, Each

311 109 601
98-1935-B •
S/S Intake Valve, 35.5mm, w/ 8mm Stem 1500-1600cc, Type 1 67-74, Ghia 67-74, Type 2 65-71, Type 3 64-73, Each

111 115 107AKHD
98-1122-B
Schadek HD Oil Pump F/ Flat Cam, 26mm Gears 8mm Bolt Holes, 1600cc Type 1 70, Type 2 70, Type 3 70 Fits 70-79 Dual Relief Case with Flat Cam Gear

040 109 335W
98-8630-B
Windage Tube w/ Wide End, 1300-1600cc, Raw, Each

113 109 612A
98-1932-B •
S/S Exhaust Valve, 32mm, w/ 8mm Stem 1500-1600cc, Type 1 67-74, Ghia 67-74, Type 2 65-71, Type 3 64-73, Each

111 115 107BHD
98-1159-B
Oil Pump, 8mm Bolt Holes, 30mm Gears, 1600-2100cc, Type 1 71-79, Ghia 71-74, Type 2 71 Only, Type 3 71-73

311 109 335W
98-8629-B
Windage Tube, 1300-1600cc, Raw, Each

113 109 623C
98-1923-B
Valve Spring, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each 80lbs. at 1.550" installed height, Free Length 2.065"

111 115 107BKHD
98-1121-B
Schadek HD Oil Pump F/ Dish Cam, 26mm Gears 8mm Bolt Holes, 1600cc, 1.9 & 2.1 T-1 71-79, T-2 71, T-3 71-73, 83-91 Vanagon, Fits 70-79 Dual Relief Case with Dished Cam Gear

021 109 345A
98-9204-B
Push Rod Tube Seal, Case Side (Inner), Late Type 2 / Type 4, 1700-2000cc, Each
(Elring)

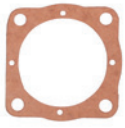
113 109 641B
98-1964-B
Valve Spring Retainer, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

111 115 111B
98-1164-B
Gasket, Oil Pump Body (8mm), Type 1 67-79, Ghia 67-74, Type 2 67-71, Type 3 67-73, Each

113 109 345A
00-9150-B •
Push Rod Tube Seal (Bag of 100), Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 109 651A
00-4044-B •
Valve Spring Seat Keeper, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

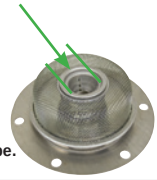
111 115 131B
98-1166-B
Gasket, Oil Pump Cover (8mm), Type 1 67-79, Ghia 67-74, Type 2 67-71, Type 3 67-73, Each



113 109 345AS
00-9153-B •
Push Rod Tube Seal, High Temp. Silicone (Bag of 100), Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

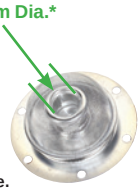
111 115 107AHD
98-1123-B
Schadek HD Oil Pump F/ Flat Cam, 30mm Gears, 8mm Bolt Holes, 1600cc Type 1 70, Type 2 70, Type 3 70, Fits 70-79 Dual Relief Case with Flat Cam Gear

311 115 141C
00-9148-5 •
Oil Pump Cover Only, Stock Style

113 115 175
00-9923-B •
Oil Strainer, 1200cc (40HP), 61-65
14mm Dia.*

*Measurement is at the base of the collar where it joins the oil pick-up tube.

113 115 475
98-1173-B
Sealing Washer, Oil Filler to Gen / Alt Pedestal, Type 1 61-74, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 117 021
98-1161-B
Aluminum Oil Cooler, 1300-1600cc w/ Doghouse Shroud, 5 plate, Type 1 71-79, Ghia 71-74, Type 2 71

311 115 175A
98-1160-B •
Oil Strainer, 1300-1600cc, 62-69 Single Relief Case
16mm Dia.*

*Measurement is at the base of the collar where it joins the oil pick-up tube.

111 115 485
00-8968-7 •
Chrome Stock Style Oil Filler Cap

021 117 021B
17-2806-0
Aluminum Oil Cooler, Type 2/4, 1700-2000cc / 914, 7 Plate

111 115 175B
00-9924-B •
Oil Strainer, 1600cc, 70-79 Dual Relief Case
19mm Dia.*

*Measurement is at the base of the collar where it joins the oil pick-up tube.

111 115 487
00-8968-5
Gasket for Stock Oil Cap, Type 1 61-74, Type 2 61-71, Thing 73-74, Each
NEW!

111 117 021E
98-1178-B
Aluminum Oil Cooler, Type 1 50-70, Ghia 56-70, Type 2 50-70

113 115 181A
98-1168-B •
Oil Strainer Cover, Black, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73
NEW!

111 115 491
98-1175-B
Seal, Oil Filler Tube, Type 1 50-74, Ghia 56-74, Type 2 50-71, Each

111 117 151
98-1179-B
Seal, Oil Cooler (For Cooler w/8mm Ports), Each, Type 1 50-70, Ghia 56-70, Type 2 50-70, Each

113 115 181ACR
00-8911-B •
Chrome Oil Strainer Cover 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

113 115 495
98-1176-B •
Nut, Oil Filler, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each
NEW!

021 117 151A
00-9256-B •
Oil Cooler Seal, 10mm (Bag of 100), Type 1 71-79, Ghia 71-74, Type 2 71-79, Vanagon 80-83

113 115 193
00-8856-B •
Magnetic Oil Drain Plug w/ Washer, Chrome, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73

311 115 541
98-1177-B •
Road Draft Boot Type 1 1961-1972, Ghia 1961-1972, Type 2 1961-1971, Each
NEW!

021 117 151AS
98-9205-B
Silicone Oil Cooler Seal, Type 1 71-79, Ghia 71-74, Type 2 71-79, Vanagon 80-83, Each
(Elring)
NEW!

113 115 349
98-1170-B •
Block-Off Plate, Dipstick Hole, Type 3

113 115 611
98-1162-B
Stock Replacement Oil Dipstick, Each, Type 1 61-79, Ghia 61-74, Type 2 61-71

111 117 151B
00-9255-B •
Oil Cooler Seal, 8mm/10mm (Bag of 100), Type 1 50-70, Ghia 56-70, Type 2 50-70

113 115 349T
98-1171-B •
Block-Off Plate, Dipstick Hole with 1/8" NPT Hole

023 117 0034
00-9440-B
EMPI Chrome Vacuum Advance Distributor, 1600cc, SVDA
NEW!

113 117 303
00-8894-0 •
Doghouse Oil Cooler to Case Adapter, for 98-1161-B only, Skinpacked

7X0 119 031
98-2004-B •
Cooling Fan,
34.7mm Inner Fan Dia,
36.9mm Outer Fan Dia,
Type 1 71-79, Ghia 71-74,
Type 2 71, Each

131 119 357
98-8733-B • NEW!
Air Deflector Plate,
Left, Black,
Type 1 64-74,
Ghia 66-74, Type 2 64-71,
Thing 73-74, Each

113 127 025BCD
98-1271-B •
Fuel Pump, 1200-1600cc
w/Generator, Type 1 61-73,
Ghia 61-73, Type 2 61-71,
Type 3 64-67

131 119 031
98-2003-B • NEW!
Early Cooling Fan,
28.6mm Inner Fan Dia,
30.7mm Outer Fan Dia,
Type 1 61-70, Ghia 61-70,
Type 2 60-70, Each

131 119 358
98-8732-B • NEW!
Air Deflector Plate,
Right, Black,
Type 1 64-74,
Ghia 66-74, Type 2 64-71,
Thing 73-74, Each

113 127 025BCH
98-1270-B •
Chrome Fuel Pump,
1200-1600cc w/Generator,
Type 1 61-73, Ghia 61-73,
Type 2 61-71, Type 3 64-67

043 119 151
98-8743-B • NEW!
Thermostat Bracket
1200-1600cc,
Type 1 61-79,
Ghia 61-74, Type 2 61-71,
Type 3 64-73, Thing 73-74, Each

113 119 451D
00-8877-B •
Black Cool Tin Cylinder
Cover, For 8mm studs
Type 1 66-79,
Ghia 66-74, Type 2 63-71,
Type 3 64-73, Each

113 127 025G
98-2079-B •
Fuel Pump, 1600cc w/
Alternator, Type 1 74-75,
Ghia 74

021 119 245
98-9610-B •
Dip Stick Boot, Universal,
Each

113 119 517R
00-8951-0
Front Engine Tin, Type 1 66-70, Ghia 66-70,
Type 2 63-70

113 127 303
98-2080-B •
Fuel Pump Spacer,
1200-1600cc, Type 1
61-74, Ghia 61-74, Type 2
61-71, Type 3 64-67

113 119 303B/4G
00-8867-9 (5 Pair)
Single Port Cylinder Covers
(Pair), Type 1 66-70,
Ghia 66-70, Type 2 63-70,
Type 3 64-70, Pair

113 119 517S
00-8952-0
Front Engine Tin, Type 1 71-74, Ghia 71-74,
Type 2 71

113 127 307
98-1180-B
Push Rod, Fuel Pump,
(108mm), Type 1 61-73,
Type 2 61-71, Type 3 62-67,
Ghia 61-73

113 119 303J/4H
00-8990-9 (5 Pair)
Dual Port Cylinder Covers
(Pair), Type 1 71-79,
Ghia 71-74, Type 2 71,
Type 3 71-73, Pair

043 119 527
00-8938-0
Rear Engine Tin, Type 1 66-79, Ghia 66-74,
Type 2 63-71

113 127 307A
98-1181-B
Push Rod, Fuel Pump w/Alt,
(100mm), Type 1 73-74,
Ghia 73-74, Each

043 119 317A
98-9984-B
Cylinder Deflector Tin,
For 8mm Studs,
Cad Plated 1500-1600cc

113 119 533L
00-8935-B •
Rear Engine Tin,
Under Pulley,
Type 1 61-79,
Ghia 61-74,
Type 2 61-71

113 127 311
98-1182-B
Gasket, Fuel Pump Flange
Mounting, Type 1 61-74,
Ghia 61-74, Type 2 61-71,
Type 3 64-67, Each

311 119 317A
98-9983-B
Cylinder Deflector Tin,
For 10mm Studs,
Cad Plated 1500-1600cc

113 119 585B
98-1198-B • NEW!
Seal, Fresh Air Hose,
Fits all Type 1, Ghia, S/B
and Thing with fresh air
heaters 63-79, Each

113 127 313
98-1183-B
Gasket, Fuel Pump Mounting,
Type 1 61-74, Ghia 61-74,
Type 2, 61-71, Type 3 64-67,
Each

113 127 521A
98-1184-B
Fuel Line, 26", Type 1, Ghia 66-74, Type 2 66-74, Type 3 63-71

113 129 191G
98-1305-B
Choke Unit (12-Volt), Type 1 67-73, Ghia 67-73, Type 2 67-71
Fits 30/31/34 EMPI, Brosol, Bocar and Solex Carbs.

311 129 707
00-3237-7
Single Port Metal O-Ring, Type 1 66-70, Ghia 66-70, Type 2 64-70, Type 3 64-66, Each

NEW!

113 129 027E
98-1288-B
EMPI Carburetor, 30 PICT-1, w/12-Volt Choke
SCORE APPROVED
Gasket & Studs Included

049 129 412C
98-1297-B •
Air Cut-off By-pass Valve, w/Plunger for 031k Carb., Type 1 71-74, Ghia 71-74, Type 2 71-74, Thing 73-74, Each
Fits 34-3, 34-4 and 34 PDSIT 2/3 Carbs.

113 129 707A
00-3253-7 •
34 PICT 3 Carburetor Base Gasket, Each

113 129 027H
98-1225-B
30/31 PICT-3 Carburetor with Adapter and Hardware

058 129 413D
98-1303-B •
Carburetor Fuel Idle Cut-Off Valve, Type 1 67-70, Ghia 67-70, Type 2 67-70, Each
Fits 30 Pict, 31 Pict and 30 Pict 2

NEW!

113 129 710D/9G Pair
00-3238-0 •
Stock Style Dual Port End Kit, Type 1, 2 & 3, Skinpacked

NEW! NOT REBUILT

113 129 029A
98-1292-B
Carburetor, 31 PICT-3, 12-Volt, 1300-1500cc, Brosol, Type 1 68-70, Ghia 68-70, Type 2 68-70

043 129 617A
98-1298-B •
Air Intake Boot, 1600cc w/ Fuel Injection, Type 1 75-79, Each

NEW!

113 129 717A
98-9987-B •
Dual Port Metal Gasket, Stock Style, Each

113 129 031KE
98-1289-B
EMPI Carburetor, 34 PICT-3, 12-Volt, 1600cc, Type 1 71-74, Ghia 71-74, Type 2 71
(Will clear alternator on late model applications)
Gasket & Studs Included

113 129 620
00-3215-6 •
Small Intake Clamp, Each

113 129 729B
00-3231-B
Intake Manifold Boot, 1600cc, Type 1 71-74, Ghia 71-74, Type 2 71, Each

113 129 034 Kit
98-1293-B •
Adapter Kit, 30/31 PICT to 34 PICT Intake Manifold, Type 1 61-74, Ghia 61-74, Type 2 61-71
SCORE APPROVED

175 129 650
00-9525-B •
8mm Copper Nut (Bag of 100), Type 1 All, Ghia All, Type 2 All, Vanagon All, Type 3 All

113 129 729BB
00-9960-B •
Intake Manifold Boot, Split Type, Type 1 71-74, Ghia 71-74, Type 2 71, Each

028 129 087A
00-3705-0
Fresh Air Hose, Aluminum, 50 x 1000mm, Black, Type 1 61-79, Ghia 61-74, Type 2 61-71, Each

113 129 701AQ
17-2805-0 •
Intake Manifold, 30 Pict-1, 31 Pict-3, or 34 Pict-3

113 129 729BS
00-3404-B
Red Intake Manifold Boot, Type 1 71-74, Ghia 71-74, Type 2 71, Each

028 129 087AL
00-3378-0
Fresh Air Hose, Aluminum, 50 x 1000mm, Type 1 61-79, Ghia 61-74, Type 2 61-71, Each

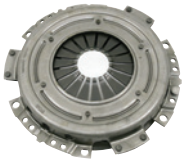
113 129 701K
98-1311-B
Intake Manifold, Single Port,1500-1600cc, 30mm Base, Type 1 66-70, Ghia 66-70, Type 2 64-70

113 729 730
00-3216-6 •
Large Intake Clamp, Each

311 129 777
00-3171-7
Barrel Nut, Carburetor, Type 1 65-74, Ghia 65-74, Type 2 65-71, Each

311 141 025CBR
32-1236-B
Clutch Cover, 200mm, 1600cc, Type 1 71-79, Ghia 71-74, Type 2 71, Type 3 71-73

SACHS



311 141 025EK
32-1258-B
Clutch Kit, 200mm, Type 1 67-70, Ghia 67-70, Type 2 61-70

Sachs Pressure Plate

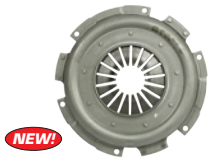
311 129 777CH
00-3156-7 •
Barrel Nut, Carburetor, Type 1 65-74, Ghia 65-74, Type 2 65-71, Each

NEW!

311 141 025CCH
32-1243-B
Replacement Pressure Plate, 200mm, 1600cc, Type 1 71-79, Type 2 71, Type 3 71-73, Ghia 71-74, Thing 73-74

022 141 025G
32-1261-B
Clutch Cover, 210mm, Type 2 72-73

SACHS



NEW!

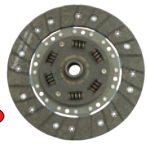
113 129 881A
98-1313-B
Spring, Throttle Return, Type 1 65-74, Ghia 65-74, Type 2 65-71, Each

311 141 025CK
32-1257-B
Clutch Kit, 200mm, Type 1 71-79, Ghia 71-74, Type 3 71-73

Sachs Pressure Plate

025 141 031
32-1263-B
Clutch Disc, 215mm, Type 2 74-75

SACHS



NEW!

043 129 893
98-1002-B •
Throttle Tube, Type 1 61-79, Ghia 61-74, Type 2 61-71, Each

211 141 025DBR
32-1234-B
Clutch Cover, 180mm, Type 1 54-66, Type 2 54-65, Type 3 62-65, Ghia 56-66

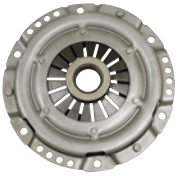
SACHS

311 141 031BK
32-1245-B •
Clutch Disc, 200mm Rigid Hub,1500-1600cc, Type 1 67-79, Ghia 67-74, Type 2 64-71, Type 3 64-73

113 129 909
98-8633-B •
Accelerator Cable Spring Seat, Type 1 46-65, Ghia 56-65, Type 2 50-63 Each

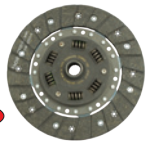
NEW!

211 141 025DCH
32-1241-B
Replacement Pressure Plate, 180mm, Type 1 54-66, Type 2 54-65, Type 3 62-65, Ghia 56-66



025 141 031D
32-1264-B
Clutch Disc, 228mm, Type 2 76-79

SACHS



NEW!

133 133 511
98-8634-B •
Fuel Filter, Fuel Injection, Clear Casting to Determine Replacement, Type 1 Standard / Super Beetle 75-79, Type 2 75-79, Vanagon 80-87, Each

NEW!

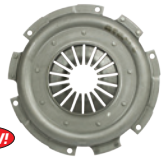
211 141 025DK
32-1256-B
Clutch Kit, 180mm, Type 1 thru 66, Ghia 56-66, Type 2 thru 63

Sachs Pressure Plate

311 141 031DK
32-1250-B •
Clutch Disc, 200mm w/ Spring Hub,1500-1600cc, Type 1 67-79, Ghia 67-74, Type 2 64-71, Type 3 64-73

022 141 025A
32-1260-B
Clutch Cover, 215mm, Type 2 74-75

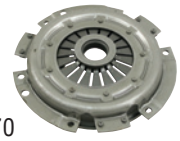
SACHS



NEW!

311 141 025EBR
32-1235-B
Clutch Cover, 200mm, 1500-1600cc, Type 1 67-70, Ghia 67-70, Type 2 64-70, Type 3 64-70

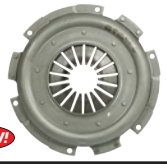
SACHS



111 141 031EK
32-1240-B •
Clutch Disc, 180mm, 1200cc, Type 1 thru 66, Ghia 56-66, Type 2 thru 63

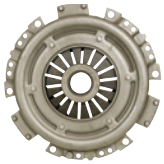
029 141 025B
32-1262-B
Clutch Cover, 228mm, Type 2 76-79

SACHS



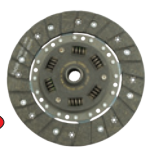
NEW!

311 141 025ECH
32-1242-B
Replacement Pressure Plate, 200mm, 1500-1600cc, Type 1 67-70, Type 2 63-70, Type 3 66-70, Ghia 67-70



211 141 031G
32-1265-B
Clutch Disc, 210mm, Type 2 72-73

SACHS



NEW!

111 141 165A
32-1205-B •
Clutch Release Bearing, 1200-1600cc, Type 1 thru 70, Ghia 56-70, Type 2 thru 70, Type 3 64-70

361 141 719HD
16-9909-7 •
Clutch Cable Arm, Type 1 76-79 and all 091 Type 2 Transmission, Each

113 198 026
98-1088-B •
Operating Shaft Bushing Kit, Type 1 61-72, Ghia 61-72, Type 2 61-67, Type 3 thru 72

113 141 165B
32-1210-B •
Clutch Release Bearing, 1600cc, Type 1 71-79, Ghia 71-74, Type 2 71-79, Vanagon 80-91, Type 3 71-73

113 141 723
98-1421-B
Spring, Clutch Operating Lever, Type 1 61-71, Ghia 61-71, Type 2 61-75, Type 3 64-73, Each (35mm Spring I.D.)

021 198 031
98-9207-B •
Oil Strainer Gasket Set, 1700-2000cc, Type 2 72-79, Vanagon 82-83

111 141 177AS
32-1208-B •
Release Bearing Ret. Clip, H.D., Type 1 thru 70, Ghia 56-70, Type 2 thru 70, Type 3 64-70, Each

113 141 723C
98-1422-B
Spring, Clutch Operating Lever, Type 1 71-74, Ghia 71-74, Each (40mm Spring I.D.)

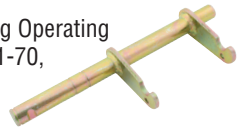
113 198 031
00-9909-B •
Oil Change Gasket Set, Each, Type 1 61-79, Type 1 Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 141 181B
98-1420-B
Guide Sleeve, Clutch Release Bearing, Type 1 71-79, Ghia 71-74, Type 2 71-79, Type 3 71-73

113 141 723D
98-1423-B
Spring, Clutch Operating Lever, Type 1 74-79, Each (1.470" Spring I.D.)

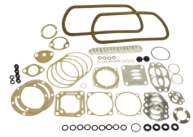
113 198 033
98-8635-B
Engine Case Hardware Kit, All 1600cc Style Engines

113 141 701CHD
98-2011-B •
H.D. Release Bearing Operating Shaft, Type 1 & 3 61-70, Type 2 thru 67



See page 229 for all shafts

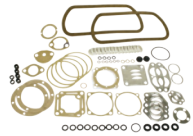
111 198 007AF
00-9900-B •
Engine Gasket Set, 1300-1600cc, Type 1 66-79, Ghia 66-74, Type 2 63-71, Type 3 thru 73



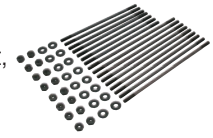
043 198 035DP Chromoly
00-4020-0 •
Chromoly, 8mm Case Stud Kit, Dual Port, Type 1 71-79, Ghia 71-74, Type 2 71, Type 3 71-73, Set

111 141 719F
16-9931-7 •
Clutch Cable Arm, Type 1 74-79
Fits 20mm Cross Shafts
From Chassis #114-2663-260, Each

111 198 007AFG
00-9901-B •
Engine Gasket Set, 1300-1600cc, Type 1 66-79, Ghia 66-74, Type 2 63-71, Type 3 thru 73 (Elring)



043 198 035SP
00-4005-0 •
Stock Length 8mm Chromoly Case Stud Kit, for Single Port Heads, Skinpacked



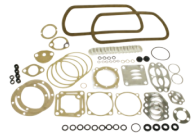
111 141 719HD
16-9917-7 •
Clutch Cable Arm, Type 1 72-74
Fits 20mm Cross Shafts
To Chassis #114-2663-259, Each

021 198 009
98-9206-B
Engine Gasket Set, 1700-1800cc, Late Type 2 / Type 4 (Elring)

111 198 057
98-1945-B
Piston & Cyl. Set, 77mm x 64mm Stroke 1200cc, 36HP

131 141 719HD
16-9908-7 •
Clutch Cable Arm, Type 1 61-71 and all 002 Type 2 Transmission, Each

029 198 009
98-1977-B •
Engine Gasket Set, 2.0L, Type 4 72-79 (Elring)



111 198 057A
98-1946-B
Piston & Cyl. Set, 77mm x 64mm Stroke, 1200cc, 40HP, Type 1 61-65, Ghia 61-65, Type 2 61-62

111 198 057ABB
98-1947-B
Piston & Cyl. Set,
Big Bore Slip-In
83mm x 64mm Stroke,
1200cc, 40HP, Type 1 61-65,
Ghia 61-65, Type 2 61-62

315 198 163
98-1149-B
Piston Ring Set, 83mm
2 x 2 x 4.0mm

311 198 16995
98-1195-B
Piston Ring Set, 94mm
2 x 2 x 4.0mm

311 198 069
98-1948-B
Piston & Cyl. Set,
85.5mm, w/ Cast Pistons,
1500-1600cc, Type 1 67-79,
Ghia 67-74, Type 2 63-71,
Type 3 64-73

311 198 169A
98-1169-B
Piston Ring Set, 85.5mm,
2.0 x 2.0 x 5.0mm, 1600cc,
Type 1 70-79, Ghia 70-74,
Type 2 70-71, Type 3 66-73

111 198 461MX
98-1461-S
Main Brg. Set, Std./Std.,
1200-1600cc, Type 1 61-79,
Ghia 61-74, Type 2 61-71,
Type 3 thru 73

311 198 069F
98-1969-B
Piston & Cyl. Set,
85.5mm, 1500-1600cc w/
Cast Piston, Type 1 67-79,
Ghia 67-74, Type 2 63-71,
Type 3 64-73

311 198 16987
98-1187-B
Piston Ring Set, 87mm
2.0 x 2.0 x 5.0mm

111 198 463MX
98-1463-S
Main Brg. Set, Std./.25mm,
1200-1600cc, Type 1 61-79,
Ghia 61-74, Type 2 61-71,
Type 3 thru 73

029 198 075
98-1966-B
Piston & Cyl. Set,
94mm x 71mm, 2000cc,
Type 4 / 914, Type 2 76-79,
Vanagon 80-83

311 198 16988
98-1188-B
Piston Ring Set, 88mm
1.5 x 1.5 x 5.0mm

111 198 465MX
98-1465-S
Main Brg. Set, Std./.50mm,
1200-1600cc, Type 1 61-79,
Ghia 61-74 Type 2 61-71,
Type 3 thru 73

022 198 075A
98-1965-B
Piston & Cyl. Set,
93mm x 66mm, 1800cc,
Type 4 / 914, Type 2 74-75

311 198 16990
98-1190-B
Piston Ring Set, 90.5mm
1.5 x 2.0 x 4.0mm

111 198 467MX
98-1467-S
Main Brg. Set, Std./.75mm,
1200-1600cc, Type 1 61-79,
Ghia 61-74, Type 2 61-71,
Type 3 thru 73

111 198 123A
00-8898-0 •
Fan Hardware Kit
(Zinc Plated),
Skinpacked

311 198 16991
98-1191-B
Piston Ring Set, 90.5mm
2 x 2 x 4.8mm

111 198 471MX
98-1471-S
Main Brg. Set, .50mm/Std.,
1200-1600cc, Type 1 61-79,
Ghia 61-74, Type 2 61-71,
Type 3 thru 73

111 198 157A
98-1148-B
Piston Ring Set, 77mm
2.5 x 2.5 x 4.0mm

311 198 16992
98-1192-B
Piston Ring Set, 92mm
1.5 x 2.0 x 4.0mm

111 198 4710SMX
98-1710-S
Main Brg. Set, .50mm/Std/
1.00mm, 1200-1600cc,
Type 1 61-79, Ghia 61-74,
Type 2 61-71,Type 3 thru 73

111 198 157B
98-1147-B
Piston Ring Set, 77mm
2 x 2 x 4.0mm

311 198 16994
98-1194-B
Piston Ring Set, 94mm
1.2 x 2.0 x 4.0mm

111 198 471 02MX
98-1712-S
Main Brg. Set, .50mm/Std./
2.00mm, 1200-1600cc,
Type 1 61-79, Ghia 61-74,
Type 2 61-71, Type 3 thru 73

111 198 473MX
98-1473-S
Main Brg. Set, .50mm/.25mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 477 02MX
98-1591-S
Main Brg. Set, .50mm/.75mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

021 198 483AMX
98-1452-S
Main Brg. Set, Std./.25mm, 1.7-2.0L Type 4

111 198 473OSMX
98-1740-S
Main Brg. Set, .50mm/.25mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 479MX
98-1479-S
Main Brg. Set, .50mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 483MX
98-1483-S
Main Brg. Set, 1.00mm/.25mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 473 02MX
98-1589-S
Main Brg. Set, .50mm/.25mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 479OSMX
98-1771-S
NEW!
Main Brg. Set, .50mm/1.00mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 483OSMX
98-1830-S
Main Brg. Set, 1.00mm/.25mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 475MX
98-1475-S
Main Brg. Set, .50mm/.50mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 479 02MX
98-1611-S
NEW!
Main Brg. Set, .50mm/1.00mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 483 02MX
98-1832-S
Main Brg. Set, 1.00mm/.25mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 475OSMX
98-1750-S
Main Brg. Set, .50mm/.50mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

021 198 481AMX
98-1451-S
Main Brg. Set, Std./Std., 1.7-2.0L Type 4

021 198 485AMX
98-1593-S
Main Brg. Set, Std./.50mm, 1.7-2.0L Type 4

111 198 475 02MX
98-1590-S
Main Brg. Set, .50mm/.50mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 481MX
98-1481-S
Main Brg. Set, 1.00mm/Std., 1200-1600cc , Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 485MX
98-1485-S
Main Brg. Set, 1.00mm/.50mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 477MX
98-1477-S
Main Brg. Set, .50mm/.75mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 481OSMX
98-1810-S
Main Brg. Set, 1.00mm/Std/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 485OSMX
98-1850-S
Main Brg. Set, 1.00mm/.50mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 477OSMX
98-1770-S
Main Brg. Set, .50mm/.75mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 481 02MX
98-1812-S
Main Brg. Set, 1.00mm/Std./2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 485 02MX
98-1852-S
Main Brg. Set, 1.00mm/.50mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

021 198 487AMX
98-1605-S
Main Brg. Set, Std./.75mm, 1.7-2.0L Type 4
NEW!

111 198 493 60MX
98-1493-S
Main Brg. Set, 1.5mm/.25mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 541HDMX
98-1543-S
Cam Bearing Set, Std. 1300-1600cc, Double Thrust, Type 1 66-79, Ghia 66-74, Type 2 63-71, Vanagon 83-85, Type 3 64-73

111 198 487MX
98-1587-S
Main Brg. Set, 1.00mm/.75mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 493 80MX
98-1498-S
Main Brg. Set, 2.00mm/.25mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 541MC
98-1544-C
Cam Bearing Set, Std. 1300-1600cc
Mahle / Clevite - Brazil

111 198 487OSMX
98-1588-S
Main Brg. Set, 1.00mm/.75mm/1.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 495 60MX
98-1495-S
Main Brg. Set, 1.50mm/.50mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

021 198 541MX
98-1453-S
Cam Bearing Set, Std., 1.7-2.0L, Type 4

111 198 487 02MX
98-1592-S
Main Brg. Set, 1.00mm/.75mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 495 80MX
98-1594-S
Main Brg. Set, 2.00mm/.50mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 541MX
98-1544-S
Cam Bearing Set, Std. 1300-1600cc, Type 1 66-79, Type 2 63-71, Type 3 thru 73, Ghia 64-74

111 198 489 02MX
98-1607-S
Main Brg. Set, 1.00mm/1.00mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73
NEW!

111 198 497 60MX
98-1596-S
Main Brg. Set, 1.50mm/.75mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

113 198 575URK
00-2500-0 •
Carburetor Rebuild Kit, 1200-1600cc, Type 1 61-74, Ghia 61-74, Type 2 61-71

021 198 491OSMX
98-1606-S
Main Brg. Set, .50mm/Std/1.00mm, 1.7-2.0L Type 4
NEW!

111 198 497 80MX
98-1595-S
Main Brg. Set, 2.00mm/.75mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 199 101
98-1003-B •
Starter Bolt, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73, Each

111 198 491 60MX
98-1496-S
Main Brg. Set, 1.50mm/ Std./2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 499 60MX
98-1609-S
Main Brg. Set, 1.50mm/1.00mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73
NEW!

211 199 231A
98-8636-B
Engine Mount, Rear Support, Type 2 68-71, Each
NEW!

111 198 491 80MX
98-1480-S
Main Brg. Set, 2.00mm/ Std./2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73

111 198 499 80MX
98-1608-S
Main Brg. Set, 2.00mm/1.00mm/2.00mm, 1200-1600cc, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 thru 73
NEW!

021 199 231C
98-8637-B
Engine Mount, Type 2 72-79, Each
NEW!

211 201 055B
95-2008-B
Gas Tank,
Type 2 55-67
See page 167 for all tanks

311 201 219A
98-2106-B
Hose, Fuel Filler Neck,
213mm Length, 48mm I.D.
Type 1 68-79,
Ghia 68-74,
Type 3 68-73

211 251 051E
95-3004-B
Euro-Made Stock
Replacement Muffler Type 2,
1500-1600cc

113 201 075AB
95-2001-B
Fuel Tank,
Type 1 61-67
*Must use Gas Cap 95-2005-B

803 201 511C
00-9100-0
Fuel Filter, (Sold 10 to a box),
Type 1 thru 74, Ghia thru 74,
Type 2 thru 71, Type 3 64-67

111 251 051H
95-3002-B
Euro-Made Stock
Replacement Muffler Type 1,
40HP/1200cc

113 201 075AD
95-2000-B
Fuel Tank,
Type 1 68-77,
Ghia 68-74
See page 167 for all tanks

113 201 551A
98-2104-B •
Gas Cap,
Type 1 68-71,
Ghia 68-71, Type 3 67-8/72

113 251 053AKEU
95-3003-B
Muffler, 1300-1600cc, Type 1 66-71,
Ghia 66-71
Euro-Made

133 201 075F
95-2002-B
Fuel Tank,
All Super Beetle (71-74)
See page 167 for all tanks

113 201 551AL
98-2114-B •
Gas Cap,
Black Plastic
Type 1 68-71,
Ghia 68-71, Type 3 67-8/72

147 251 157
98-8605-B
Damper Pipe,
Type 2 60-71,
Each

133 201 075G
95-2003-B
Fuel Tank,
Super Beetle,
Type 1 75-79
See page 167 for all tanks

321 201 551H
98-2105-B •
Locking Gas Cap,
Type 1 72-79, Ghia 72-74,
Type 3 72-73

113 251 163C
00-9915-B •
Tail Pipe Tip, (250mm)
Type 1 61-74,
Ghia 61-74, Each

211 201 075L
95-2013-B
Gas Tank,
Type 2 73-74
See page 167 for all tanks

113 201 635
98-8741-B •
Fuel Tank Retainer,
Type 1 49-79, Ghia 56-74,
Type 3 62-73, Thing 73-74,
Each

113 251 163TT
00-3693-B •
Tapered Baffled Tail
Pipe Tip, Type 1 61-74,
Ghia 61-74, Each

113 201 07516
95-2004-B
Fuel Tank, Extra
Capacity, 12 1/2
Gallon, Type 1 61-67
*Must use Gas Cap 95-2005-B

111 209 147A
98-2109-B •
Fuel Tank Screen,
All 50-74, Each

211 251 237B
98-8604-B
Tail Pipe,
Type 2 60-71,
Each

95-2005-B •
Gas Cap (Fits Replacement Tanks 95-2001-B & 95-2004-B Only)

616 211 295 01
00-3379-0
Fresh Air Hose, Aluminum,
63 x 1000mm, Type 3 64-73,
Each

111 251 261B
98-2516-B •
Exhaust Flange Gasket
Metal Clad, Type 1 50-79,
Ghia 56-74, Type 2 50-71,
Type 3 64-73, Each

113 251 263
98-8639-B •
Metal Heat Riser Gasket, Type 1 61-74, Type 2 60-71, Each

043 255 355A
98-2521-B
Air Hose, Heater Box to Body, Driver Side, 60/60mm, 17" long, Type 1 73-79, Each

111 298 051
00-3394-B •
Tail Pipe Clamp, Type 1 56-74, Ghia 56-74, Each

211 251 301A
98-8601-B
Damper Pipe Bracket, Type 2 60-71, Each

111 255 355B
98-2524-B
Warm Air Hose, 65 & Prior, 14" Long, 50/50mm, Each

211 298 055
98-8603-B
Installation Kit for Damper Pipe, Type 2 60-71

043 255 107HD
95-3012-B
Left Heater Box, Type 1 63-74, Ghia 63-74, Type 2 63-71

113 255 355C
98-2518-B
Air Hose, Heater Box/ Body, Pass. Side, 60/50mm, 14 1/2" long, 1600 in 64 & Earlier, Each

111 298 101A
98-8640-B •
Heater Cable Clamp Kit, Type 1 49-79, Type 2 55-79, TYpe 3 62-73

113 255 107X
00-9914-B •
Heater Box Repair Pipe, Type 1 63-74, Ghia 63-74, Type 2 63-71, Each

113 255 355D
98-2519-B
Air Hose, Heater Box to Body, Driver Side, 60/64mm, 15" long, Type 1 65-67, Each

043 298 147A
95-3014-B •
Left Heater Box Lever Kit, Type 1 63-74, Ghia 63-74, Type 2 63-71

043 255 108HD
95-3013-B
Right Heater Box, Type 1 63-74, Ghia 63-74, Type 2 63-71

113 255 355M
98-2520-B
Air Hose, Heater Box to Body, Pass. Side, 60/60mm, 14" long, Type 1 68-72, Each

043 298 148A
95-3015-B •
Right Heater Box Lever Kit, Type 1 63-74, Ghia 63-74, Type 2 63-71

113 255 165
98-1004-B •
Fresh Air Hose Connector, Type 1 63-74, Ghia 63-74, Type 2 63-71, Each

211 259 471
98-8620-B •
Air/Heater Vent Diffuser, Type 2 68-79, 2 5/8" O.D., Each Fits Left & Right Side

113 298 221
95-2006-B •
Fuel Tank Outlet Pipe Kit, Type 1 thru 74, Ghia thru 74

113 255 292P
98-2088-B •
Fresh Air Hose, Plastic, 10 1/4" long, Type 1 63-74, Ghia 63-74, Type 2 63-71, Each

211 298 009A
98-8602-B
Muffler Installation Kit, Type 2 60-71

113 301 155
98-3012-B •
Stock 12-Volt Bushing for Starter Shaft, Type 1, Type 3, Type 2 67-79, Ghia 67-Later, Thing 73-74, Vanagon 80-91, Each

113 255 341A
98-2517-B
Clamp, Heat Exchanger (25mm Wide), Type 1 63-74, Type 2 63-71, Each

111 298 009F
98-2989-B •
Muffler Installation Kit, Type 1 63-74, Ghia 63-74

091 301 189A
98-9209-B
Seal, Final Drive (Drive Flange), Type 2 76-79, Vanagon 80-91, Each
(Elring)

002 301 189C
98-8641-B
Seal, Final Drive,
Type 2 68-75,
Each

211 301 215
98-3008-B
Replacement Gasket Only,
Shift Housing, Type 1 62-72,
Ghia 62-72, Type 3 64-73,
Each

311 301 265A
98-2075-B •
Transmission Mount, Front,
Type 1 62-65, Ghia 62-65,
Type 3 64-65, Each

113 301 189F
98-9208-B
Seal, Final Drive
(Drive Flange),
Type 1 68-79 I.R.S.,
Type 3 68-74, Thing 73-74,
Each **(Elring)**

001 301 227
98-3009-B
Oil Seal, Transmission,
Type 1 69-79, Each

311 301 265B
98-2076-B •
Transmission Mount,
Front, Type 1 66-72,
Ghia 66-72,
Type 3 66-67, Each

113 301 205G
98-3006-B
Gearshift Housing
w/ Gasket, Type 1 62-72

111 301 255
00-9541-6 •
H.D. Rear Gearbox
Cradle, Type 1 49-72,
S/B 71-72,
Ghia 56-72, Type 2 50-67,
Thing 73-74

113 301 265E
98-9972-B •
Transmission Mount,
Front, Type 1 73 &
Later, Each

001 301 207
98-8642-B •
Nose Cone Bushing,
Rear, Late,
Type 1 69-Later,
Type 2 69-75, Each

113 301 257
17-2828-7 •
Trans Strap Mounting Bolt,
Threads into the Frame Horn,
Type 1 49-72, Type 2 50-67,
Early Type 3, Each

111 301 289B
98-2072-B
Boot, Nosecone to Chassis,
Type 1 61-79, Ghia 61-74,
Type 3 64-73, Each

111 301 207
98-3016-B •
Nose Cone Bushing,
Front or Rear, Early
Type 1 61-68,
Type 2 61-67, Each

113 301 263
98-2074-B •
Transmission Mount,
Rear, Type 1 49-72,
S/B 71-72, Ghia 56-72,
Type 2 50-67, Thing 73-74,
Type 3 62-72, Each

113 311 113A
98-3014-B
Seal, Transmission Main
Shaft (22 x 40 x 13/16), Type
1 50-79, Ghia 56-74, Type 2
50-71, Type 3 64-73, Each

001 301 209
98-3017-B •
Nose Cone Bushing,
Front, Late
Type 1 69-Later,
Type 2 69-75, Each

113 301 263C
98-2070-B
Transmission Mount
Left Rear Type 1, 73-79,
Each

113 311 269B
98-8644-B •
Synchro Ring,
1st / 2nd Gear,
Type 1 61-Later,
Type 2 61-75, Each

001 301 209A
98-3019-B •
Nose Cone Seal Holder
Allows for you to use a seal
on early nose cones.
Type 1 61-66,
Type 2 61-66, Each

113 301 264
98-2071-B
Transmission Mount,
Right Rear, Type 1 73-79,
Each

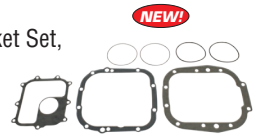
113 311 295D
98-8645-B •
Synchro Ring,
3rd / 4th Gear,
Type 1 61-Later,
Type 2 61-75, Each

001 301 209C
98-3018-B •
Nose Cone Seal Holder
Replaces the front bushing and
seal holder in Type 1 67-68.
Type 1 67-68,
Type 2 67-68, Each

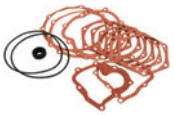
211 301 265A
98-2073-B
Transmission Mount,
Front, Type 2 63-67,
Each

113 311 541C
98-3015-B
Shift Lever, Transmission,
Type 1 61-79, Ghia 61-74,
Each

002 398 005A
98-9210-B
Transmission Gasket Set, Type 2 68-75



111 398 005A
98-2077-B •
Transmission Rebuilding Gasket Kit, Type 1 61-76, Ghia 61-74, Type 2 61-67, Type 3 64-73



111 401 273
98-4041-B
Rubber Stop, Suspension Travel, Type 1 50-65, Ghia 56-65, Each

131 405 129
98-4042-B
Seal, Torsion Arm, Upper/Lower, Type 1 50-65, Ghia 56-65, Each

131 405 129
98-4043-B
Seal, Trailing Arm, Lower, Type 1 66-77, Ghia 66-74, Each

131 405 131
98-4045-B
Seal, Trailing Arm, Upper, Type 1 66-77, Ghia 66-74, Each

113 405 311D/2D
22-2952-0
New Spindles, For 4x130 Stock Ball Joint Disc Brakes, Pair

NEW! NOT REBUILT

181 405 361A
98-4536-B
Upper Ball Joint, Left or Right, Thing 1973-1974 (Type 181), Each

131 405 361F
98-4522-B
Upper Ball Joint, Type 1 66-77, Ghia 66-74, Each

211 405 371A
98-4524-B
Ball Joint, Type 2 68-79 Each

181 405 371C
98-4537-B
Lower Ball Joint, Left or Right, Thing 1973-1974 (Type 181), Each

311 405 371C
98-4193-B
Lower Ball Joint, Type 3 64-74, Each

131 405 371G
98-4523-B
Lower Ball Joint, Type 1 66-77, Ghia 66-74, Each

211 405 579
18-1019-0
Front Hub Assembly, Type 2, 71-79, Each

102 405 593
22-2849-B
Front Disc Brake Backing Plate, Each

113 405 615A
98-4002-B
Front Brake Drum, Type 1 58-65, Ghia 58-65, Each

111 405 615A
98-4600-B
Front Brake Drum, Type 1 66-67, Each

111 405 615B
98-4001-B
Front Brake Drum (Exc. Super Beetle), Type 1 68-77, Each

211 405 615C
98-4602-B
Front Brake Drum, Type 2 64-70
For 64-67 Type 2 Applications, use Seal P/N: 211 405 641B

113 405 615H
98-4601-B
Front Brake Drum, Super Beetle, Type 1 71-79, Each

211 405 625
98-4620-B
Inner Front Wheel Roller Bearing, Type 2 64-79, Each

311 405 625
98-4622-B
Inner Front Wheel Roller Bearing, Type 1 66-68, Ghia 66-68, Type 3 66-68, Each

311 405 625B
98-1154-B
Inner Front Wheel Roller Bearing, Type 1 69-79, Ghia 69-74, Type 3 69-73, Thing 73-74, Each

111 405 627
98-4626-B
Inner Front Wheel Roller Bearing, Type 1 50-65, Ghia 56-65, Each

211 405 631
98-4039-B
Wheel Bearing Spacer, Left and Right Side, Type 2 55-63, Each

311 405 645
98-1155-B
Outer Front Wheel Roller Bearing, Type 1 66-79, Ghia 66-74, Type 3 66-73, Each

211 405 670
98-8731-B
Spindle Clamp Nut w/ screw, 18mmx1.0 Right, Type 2 68-79, Each

111 405 631B
98-4046-B
Spacer, Front Wheel Bearing, Type 1 50-65, Ghia 56-65, Each

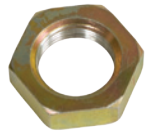
211 405 645D
98-4623-B
Outer Front Wheel Roller Bearing, Type 2 64-79, Vanagon 80-83, Each

111 405 671
98-4051-B •
Hex Nut, Spindle, Left, Type 1 50-65, Ghia 56-65, Each

111 405 641A
98-4618-B
Front Wheel Seal, Type 1 50-65, Ghia 56-65, Each

111 405 647
98-4625-B
Outer Front Wheel Roller Bearing, Type 1 50-65, Ghia 56-65, Each

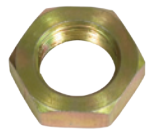
211 405 671
98-4053-B •
Spindle Nut, 32mm Hex, M22 x 1.5 (LH) Thread, Type 2 55-63, Each



131 405 641A
98-4627-B
Front Wheel Seal, Type 1 66-6/68, Ghia 66-6/68, Each

111 405 661
98-4047-B
Thrust Washer, Wheel Bearing, Type 1 50-65, Type 1 56-65, Each

211 405 671A
98-4054-B •
Spindle Nut, 27mm Hex, M18 x 1.0 (LH) Thread, Type 2 64-67, Each



211 405 641A
98-4617-B
Front Wheel Seal, Type 2 55-63, Each

311 405 661
98-4048-B
Thrust Washer, Wheel Bearing, Type 1 66-79, Ghia 66-74, Type 3 64-73, Each

111 405 672
98-4052-B
Hex Nut, Spindle, Right, Type 1 50-65, Ghia 56-65, Each

111 405 641B
98-4621-B
Front Wheel Seal, Type 1 7/68-79, Ghia 7/68-74, Each

131 405 669
98-4049-B •
Spindle Clamp Nut w/ screw, 16mmx1.5 Left, Type 1 66 & Later, Type 3 64 & Later, Each

211 405 672
98-4055-B
Spindle Nut, 32mm Hex, M22 x 1.5 (RH) Thread, Type 2 55-63, Each

211 405 641B
98-4624-B
Front Wheel Seal, Type 2 64-67, Each

211 405 669
98-8730-B •
Spindle Clamp Nut w/ screw, 18mmx1.0 Left, Type 2 68-79, Each

211 405 672A
98-4056-B
Spindle Nut, 27mm Hex, M18 x 1.0 (RH) Thread, Type 2 1964-1967, Each

211 405 641D
18-1035-0
Front Grease Seal, Front, Type 2, 68-79, Each

131 405 670
98-4050-B
Spindle Clamp Nut w/ screw, 16mmx1.5 Right, Type 1 66 & Later, Type 3 64 & Later, Each

111 405 681
98-4057-B
Lock Plate, Spindle Nut, Type 1 50-65, Ghia 56-65, Each

211 405 681
98-4058-B
Lock Plate, Spindle Nut, Type 2 50-63, Each

111 411 151
98-4166-B
Grub Screw for Torsion Bar, Type 1 50-77, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each

113 415 061CBR
98-4156-B
Steering Box, All Type 1 & 3 (Exc. Super Beetle), New outright, (No Core)
(Made in Brazil)

NEW! NOT REBUILT

113 407 075
98-1153-B
Front Brake Disc, Type 1 66-79, Ghia 66-74, Type 3 66-71, Each

111 411 155
98-4165-B •
Nut for Grub Screw, Type 1 50-77, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each

133 415 303
98-4585-B
Center Tie Rod w/ Ends, Super Beetle 71-74, Each

NEW!

133 407 183
98-8646-B
Control Arm Bushing, S/B 71-79, Each

NEW!

113 412 303A
98-8647-B
Strut Rubber Stop, S/B 71-73 through Chassis #1333003655, Each

NEW!

111 415 417
98-4168-B
Coupling Disc, Steering Shaft, Type 1 50-78, Ghia 56-74, Type 3 64-73, Each

133 407 361A
98-4526-B
Ball Joint, Super Beetle. Type 1 73½-79, Each

NEW!

133 412 303A
98-8648-B
Strut Rubber Stop, S/B 73-79, Each

NEW!

211 415 417
98-4169-B
Coupling Disc, Steering Shaft, Type 2 68-79

113 407 361E
98-4525-B
Ball Joint, Super Beetle. Type 1 71-5/73, Each

113 412 329B
98-8649-B
Upper Strut Mount, S/B 71-73 through Chassis #1333003655 for Sedan Models and Chassis #1533003655 for Convertible Models, Each

NEW!

211 415 701D
98-4520-B
Drag Link, Adjustable, Type 2 55-67, Each

NEW!

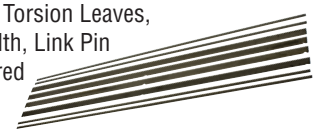
014 409 135A
98-5144-B
Special Bolt for Ring Gear (9mm), Each

113 413 031E
00-9651-0
EMPI Shock, Front, Ball Joint, Stock Height, 16", Type 1, Ghia 66 on, Each

211 415 701G
98-4521-B
Drag Link, Adjustable, Type 2 68-79, Each

NEW!

111 411 027
98-4540-B
Replacement Torsion Leaves, Standard Width, Link Pin
2 Sets Required Per Beam



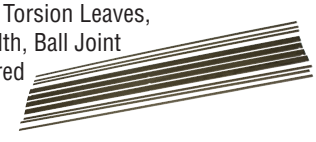
113 413 031EE
00-9658-0
EMPI Oil Shock, Ball Joint, Stock Height, Type 1 66-77, Ghia 66-74, Thing 73-74, Each

NEW!

Requires 131 498 441 mounting kit on pg. 257 and 258.

113 415 801
98-4591-B
Tie Rod, Left, Type 1 thru 65, Ghia 56-65, Each

131 411 107A
98-4541-B
Replacement Torsion Leaves, Standard Width, Ball Joint
2 Sets Required Per Beam



113 415 061C
98-4155-B
TRW / Varga
Steering Box, All Type 1 & 3 (Exc. Super Beetle), New outright, (No Core)

NEW! NOT REBUILT

133 415 801
98-4584-B
Tie Rod, L & R, Super Beetle, Type 1 71-74, Each

131 415 801B
98-4589-B
Left Tie Rod, Adjustable, Type 1 66-5/68, Each

211 415 802F
98-4580-B
Right Tie Rod, Type 2 68-79, Each

113 415 821
98-4518-B
Tie Rod End, Left Inner, Type 1 thru 5/68, Ghia 56-5/68, Each

211 415 801D
98-4582-B
Left Tie Rod, Adjustable, Type 2 55-67, Each

131 415 811
98-4511-B
Tie Rod End, Left Outer, Type 1 thru 5/68, Ghia 56-5/68, Type 2 55-67, Each

131 415 821A
98-4519-B
Tie Rod End, Left Inner, Type 1 5/68-77, Ghia 5/68-74, Each

131 415 801F
98-4587-B
Tie Rod, Left, Type 1 5/68-77, Ghia 5/68-74, Each

311 415 811C
98-4513-B
Tie Rod End, Left Outer, Type 1 5/68-79, Ghia 5/68-74, Type 2 68-73, Each

113 415 951B
98-4151-B
Steering Shaft w/Joints, Super Beetle, Type 1 71-74, Each

211 415 801F
98-4583-B
Tie Rod, Left, Type 2 68-79, Each

131 415 812
98-4512-B
Tie Rod End, Right Outer, Type 1 thru 5/68, Ghia 56-5/68, Type 2 55-67, Each

133 419 804A
98-4538-B
Left & Right Tie Rod, Adjustable, S/B 75-79, Each

113 415 802B
98-4590-B
Tie Rod, Right, Type 1 thru 65, Ghia 56-65, Each

311 415 812C
98-4514-B
Tie Rod End, Right Outer, Type 1 5/68-79, Ghia 5/68-74, Type 2 68-73, Each

133 419 951
98-4192-B
Steering Shaft w/Joints, Super Beetle 75-79, Each

131 415 802C
98-4588-B
Right Tie Rod, Adjustable, Type 1 66-5/68, Each

113 415 813
98-4515-B
Tie Rod End, Right Inner, Type 1 thru 65, Ghia 56-65, Each

113 425 021
98-4251-B
Steering Damper, Exc. Super Beetle, Type 1 61-79, Ghia 61-74, Each

211 415 802D
98-4581-B
Right Tie Rod, Type 2 55-67, Each

113 415 813D
98-4516-B
Tie Rod End, Right Inner, Type 1 66-5/68, Ghia 66-5/68, Each

311 425 021
98-4254-B
Steering Damper, Type 3 62-73, Each

131 415 802E
98-4586-B
Tie Rod, Right, Type 1 5/68-77, Ghia 5/68-74, Each

131 415 813E
98-4517-B
Tie Rod End, Right Inner, Type 1 5/68-77, Ghia 5/68-74, Each

211 425 021A
98-4253-B
Steering Damper, Type 2 55-79, Each

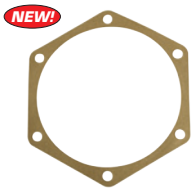
113 425 021J
98-4252-B
Steering Damper, Super Beetle 71-79, Each

211 501 121
98-5106-B
Rear Trailing Arm Bushing, Type 2 68-79, Each

211 501 203
90-6903-C
New Drive Axle Assembly, Type 2 68-79, M/T w/ I.R.S., Each

111 498 021
98-2065-B •
King Pin Rebuilding Kit, Type 1 thru 65, Ghia 56-65

111 501 131
98-8623-B
Transmission Side Cover Gasket, Type 1 56-68, Ghia 56-68, Type 2 50-67, Type 3 66-68, Each



251 501 203
90-6802-0
New Drive Axle Assembly, Vanagon 80-82, M/T, Each

111 498 051A
98-2066-B •
Link Pin Rebuilding Kit, Type 1 thru 65, Ghia 56-65

113 501 149
86-1084-V •
C.V. Joint Boot w/Flange, Type 1 68-79, Ghia 68-74, Type 3 68-73, Each

251 501 203A
90-6800-0
New Drive Axle Assembly, Vanagon 80-82, A/T, Left, Each

111 498 101A
98-4172-B
Mounting Kit, Stabilizer Bar (Both Sides), Type 1 66-77, Ghia 66-74

211 501 149
86-1086-V •
C.V. Joint Boot w/Flange, Type 2 68-79, Vanagon 80-92, Each

251 501 203E
90-6804-0
New Drive Axle Assembly, Vanagon 83-92, A/T, Left, Each

211 498 171
98-4173-B •
Swing Lever Rebuild Kit, Type 2 55-67

111 501 151
00-9917-7 •
Stock Style Solid Axle Boot, Each, Type 1 50-68, Ghia 56-68, Type 2 50-67, Type 3 64-68

251 501 203G
90-6805-0
New Drive Axle Assembly, Vanagon Syncro 86-92, Rear Both Sides, Each

211 498 171A
98-4174-B •
Swing Lever Rebuild Kit, Type 2 68-79

211 501 191
98-5011-B
Rubber Stop, Rear Axle, Type 2 65-79, Each

251 501 204B
90-6803-0
New Drive Axle Assembly, Vanagon 83-92, A/T, Right, Each

131 498 441
98-4175-B
Mount Kit, Front Shock Absorber, Type 1 66-77, Ghia 66-74

311 501 191
98-5012-B
Rubber Stop, Rear Axle, Type 1 60-79, Ghia 60-74, Type 3 64-73, Each

111 501 221
87-1643-0 •
36mm Axle Nut, Zinc, w/o Flange, M24 x 1.5, Type 1 49-66, Type 2 50-63, Each

447 501 113
90-6905-0
New Drive Axle Assembly, Thing 73-75, w/ I.R.S., Each

113 501 201D
90-6900-C
New Drive Axle Assembly, Type 1 & Ghia 68-79, w/ I.R.S., Each

311 501 221
16-2421-7 •
Axle Spindle Nut, 36mm, Type 1 67-79, Ghia 67-74, Type 3 64-73, Each

211 501 221A
16-2422-7 •
46mm Axle Nut,
Black, M30 x 1.5,
Type 2 64-79, Each

211 501 317
98-8651-B
Rear Wheel Seal,
Type 2 68-79, Each

113 501 615D
98-5001-B
Rear Brake Drum,
Type 1 58-67,
Ghia 58-65, Each

113 501 229D
87-7701-0 •
Bolt for Type 1 C.V.,
M8 x 1 15/16", 12 Pt. Internal,
Each (Bulk)

113 501 329
87-5080-0
Torque Distribution T-1
Washer for 90mm Joint,
Each

211 501 615E
98-5003-B
Rear Brake Drum,
Type 2 64-67

113 501 231
16-2308-0
Standard Size Stub Axle for
Type 1, 8mm Threads, Each

113 501 331
87-9916-0
C.V. Joint, Type 1 68-79,
Ghia 68-74, Type 3 68-73,
Each

311 501 615E
98-5007-B
Rear Brake Drum,
Type 3 63-65, Each

113 501 277A
98-5014-B
Roller Bearing, Rear Axle,
I.R.S., Outer, Type 1 68-79,
Ghia 68-74, Type 3 68-73,
Each

211 501 331B
87-9917-0
C.V. Joint, Type 2 68-79,
Vanagon 80-92, Each

311 501 615F
98-5008-B
Rear Brake Drum,
Type 3 66-73, Each

113 501 283
98-5015-B
Ball Bearing, Rear Axle,
I.R.S., Inner, Type 1 68-79,
Ghia 68-74, Type 3 68-73,
Each

211 501 357
87-5081-0
Torque Distribution T-2
Washer for 100mm Joint,
Each

211 501 615G
98-5005-B
Rear Brake Drum,
Type 2 68-70

311 501 283
98-5016-B
Ball Bearing, Rear Axle &
Reduction Box, Swing Axle,
Type 1 50-68, Ghia 56-68,
Type 2 50-67, Type 3 64-67,
Each

113 501 533
17-2827-7 •
Pivot Mount
Washer, Fits all
I.R.S. Pans, Each

113 501 615J
98-5002-B
Rear Brake Drum,
Type 1 68-79,
Ghia 68-74, Each

111 501 303B
22-5281-7
Replacement Spacer for
I.R.S. Rotor, Each

113 501 535A
17-2826-7 •
Pivot Mount Bolt,
Fits all I.R.S. Pans,
Each

321 501 641
98-1156-B
Front Wheel Seal w/Disc
Brakes, Type 1 66-79,
Ghia 66-74, Type 3 66-73,
Each

113 501 315H
98-5021-B
Oil Seal, Rear Axle,
Type 1 50-68, Ghia 56-68,
Type 2 50-67, Type 3 64-67,
Each

181 501 615A
98-5019-B
Rear Brake Drum,
Thing, All Years,
Also fits Type 1 69-79, Each

See page 297 for details

311 511 245
98-5102-B
Bushing, Spring Plate,
Left/Outer, Right/Inner,
Type 1 60-68, Ghia 60-68,
Type 3 64-67, Each

111 511 245E
98-5101-B
Bushing, Spring Plate, Outer, Type 1 69-79, Ghia 69-74, Type 3 68-73, Each

251 598 201
86-1086-1
Deluxe CV Joint Boot Kit, Type 2

211 609 209
98-6117-B
Adjusting Screw, Brake Shoe, Type 1 58-64, Ghia 58-64, Type 2 50-55, Each

311 511 246
98-5103-B
Bushing, Spring Plate, Left/Inner, Right/Outer, Type 1 60-68, Ghia 60-68, Type 3 64-67, Each

211 599 227
98-8610-B
Front Trans Axle Mount, Type 2 72-79, Each

113 609 237A
98-6090-B
Brake Shoe Set, Front or Rear, Type 1 49-57 **(162)**

113 513 031N
00-9652-0
EMPI Shock, Rear, 11 3/4", All I.R.S. / Swing Axle, Type 1, Ghia, Type 2, Type 3, Each

111 601 139
98-6111-B
Bolt, Road Wheel (12 x 1.5mm), Type 1 50-67, Ghia 56-67, Type 3 64-65, Each

211 609 237B
98-8729-B
Brake Shoe Set, Front, Type 2 55-63 **(165)**

002 517 289A
98-5140-B
Plug, Final Drive, Type 2 69-79, Each

251 601 139
98-6112-B
Bolt, Road Wheel (14 x 1.5mm), Type 1 68-79, Ghia 68-74, Type 2 thru-70, Type 3 66-73, Each

131 609 237C
98-6093-B
Brake Shoe Set, Front, Type 1 65-77 Ghia 1965, Except Super Beetle, **(269)**

111 598 021A
00-9916-B •
Axle Boot Kit, Swing Axle, Type 1 thru 68, Ghia 56-68, Type 2 thru 67, Type 3 64-67

111 601 173
98-6113-B
Cap, (Black) Wheel Bolt, Type 1 73-79, Each

113 609 237D
98-6091-B
Brake Shoe Set, Front, Type 1 58-64, Ghia 58-64, **(167)**

311 598 051B
00-9910-B •
Rear Axle Seal Kit, Type 1 thru 79, Ghia 56-74, Type 2 thru 67, Type 3 64-73

113 609 163
98-6114-B
Plug, Brake Adjuster Hole, Type 1 68-79, Each

211 609 237D
98-6094-B
Brake Shoe Set, Front, Type 2 64-70, **(297)**

111 598 151
00-9917-B •
Solid Axle Boot Kit, Each, Type 1 50-68, Ghia 56-68, Type 2 50-67, Type 3 64-68

113 609 205A
98-6115-B
Adjusting Star, Brake Shoe, Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Each

113 609 237H
98-6092-B
Brake Shoe Set, Front, Super Beetle, Type 1 71-79, **(392)**

113 598 201
86-1084-1
Deluxe CV Joint Boot Kit, Type 1

131 609 209
98-6116-B
Adjusting Screw, Brake Shoe, Type 1 65-79, Ghia 65-74, Type 3 64-73, Each

211 609 533B
98-8727-B
Brake Shoe Set, Rear, Type 2 72-73, **(397)**

113 609 537B
98-6095-B
Brake Shoe Set, Rear, Type 1 58-64, Ghia 58-64, **(168)**

113 609 614A
98-6120-B
Lever, Parking Brake, Right, Type 1 58-79, Ghia 58-74, Each

211 609 701L
98-6905-B
Emergency Brake Cable, Type 2 69-71, Each

211 609 537B
98-8725-B
Brake Shoe Set, Rear, Type 2 55-63, **(166)**

211 609 615
98-5006-B
Rear Brake Drum, Type 2 71-79, Each

133 609 721
98-6903-B
Emergency Brake Cable, Type 1 73-79, Ghia 73-74, Each

113 609 537C
98-6096-B
Brake Shoe Set, Rear, Type 1 68-79, Ghia 68-74, **(315)**

211 609 619
98-6121-B
C Clip, Parking Brake Lever Pin, Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Each

113 609 721F
98-6900-B
Emergency Brake Cable, Type 1 58-64, Ghia 58-64, Each

131 609 537C
98-6097-B
Brake Shoe Set, Rear, Type 1 65-67, Ghia 65-67, **(270)**

311 609 631
98-6122-B
Push Bar, Parking Brake, Type 1 58-79, Ghia 58-74, Each

113 609 721J
98-6902-B
Emergency Brake Cable, Type 1 68-72, Ghia 68-72, Each

211 609 537E
98-6098-B
Brake Shoe Set, Rear, Type 2 64-70, **(298)**

113 609 637
98-8652-B •
Left Rear Emergency Brake Cable Bracket, Type 1 49-79, Ghia 56-74, Type 3 62-73, Type 4 69-74, Each

113 609 721L
98-6901-B
Emergency Brake Cable, Type 1 65-67, Ghia 65-67, Each

211 609 537J
98-8726-B
Brake Shoe Set, Rear, Type 2 71 Only **(374)**

113 609 638
98-8653-B •
Right Rear Emergency Brake Cable Bracket, Type 1 49-79, Ghia 56-74, Type 3 62-73, Type 4 69-74, Each

211 611 011J
98-6001-B
Master Cylinder, Type 2 55-66

211 609 537N
98-8728-B
Brake Shoe Set, Rear, Type 2 73-79 **(421)**

211 609 701E
98-8606-B
Emergency Brake Cable, Type 2 60-63, Each

211 611 011JCH
98-6021-B
Master Cylinder, Type 2, 55-66

211 609 601B
98-6118-B
Anchor Pin, Parking Brake Lever (use w/211 609 619), Type 1 50-79, Ghia 56-74, Type 2 55-79, Type 3 64-73, Each

211 609 701F
98-6904-B
Emergency Brake Cable, Type 2 64-67, Each

211 611 011Q
98-8654-B
Master Cylinder, 22mm, Type 2 9/66-1967, Each

114 611 015BC
98-6026-B
Master Cylinder, Right Hand Drive, Type 1 67 on (Exc. SB)

211 611 021AACH
98-6205-B
Master Cylinder, Type 2, 68-79

211 611 047CCH
98-6207-B
Wheel Cylinder, Rear, Type 2 55-71, Each

113 611 015BD
98-6002-B
Master Cylinder, Type 1 67 on (Exc. SB), Ghia 67-74, Thing 73-74

113 611 021C
98-6004-B
Master Cylinder, 19mm, Type 1 50-64, Ghia 56-64

211 611 047F
98-6008-B
Wheel Cylinder, Rear, Type 2 72-79, Vanagon 80-92, Each
211 611 047D

113 611 015BDCH
98-6019-B
Master Cylinder, Type 1 67 on (Exc. SB), Ghia 67-74, Thing 73-74

113 611 021CCH
98-6204-B
Master Cylinder, 19mm, Type 1 50-64, Ghia 56-64

211 611 047FCH
211 611 047DCH
98-6208-B
Wheel Cylinder, Rear, Type 2 72-79, Vanagon 80-92, Each

113 611 015BDD
16-9554-0
20.6mm Dual Circuit Master Cylinder (All Beetles), Each

211 611 021Q
98-8655-B
Master Cylinder, 22mm, Type 2 68-69 w/o Brake Servo

113 611 053B
98-6009-B
Wheel Cylinder, Rear, Type 1 68-79, Ghia 68-74, Each

113 611 015BH
98-6003-B
Master Cylinder, Super Beetle, Type 1 71-79

211 611 021T
98-8656-B
Master Cylinder, 22mm, Type 2 70-71 w/o Brake Servo

113 611 053BCH
98-6209-B
Wheel Cylinder, Rear, Type 1 68-79, Ghia 68-74, Each

113 611 015BHCH
98-6203-B
Master Cylinder, Super Beetle, 71-79

113 611 023B
98-6006-B
Master Cylinder, 17mm, Type 1 65-66, Ghia 65-66

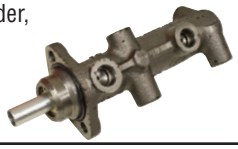
131 611 055
98-6013-B
Wheel Cylinder, Rear, Type 1 65-67, Ghia 65-67, Each

133 611 015HDD
17-2808-0
20.6mm Dual Circuit Master Cylinder **(Super Beetle Only)**, Ea

113 611 023BCH
98-6206-B
Master Cylinder, 17mm, Type 1 65-66, Ghia 65-66

113 611 055C
98-6010-B
Wheel Cylinder, Rear, Type 1 58-64, Ghia 58-64, Each

211 611 021AA
98-6005-B
Master Cylinder, Type 2 68-79



211 611 047C
98-6007-B
Wheel Cylinder, Rear, Type 2 55-71, Each

113 611 055CCH
98-6210-B
Wheel Cylinder, Rear, Type 1 58-64, Ghia 58-64, Each

131 611 055CH
98-6213-B
Wheel Cylinder, Rear, Type 1 65-67, Ghia 65-67, Each

211 611 069CCH
98-6217-B
Wheel Cylinder, Left Front, Type 2 64-70, Each

211 611 309
98-1690-B •
Brake Fluid Reservoir, Upper, Type 2 69-72

113 611 057B
98-6014-B
Wheel Cylinder, Front, Type 1 58-77, Ghia 58-65, Each

211 611 070C
98-6018-B
Wheel Cylinder, Right Front, Type 2 64-70, Each

211 611 313G
98-1691-B •
Brake Fluid Reservoir, Type 2 69-70 with original design master cylinder

113 611 057BCH
98-6214-B
Wheel Cylinder, Front, Type 1 58-77, Ghia 58-65, Each

211 611 070CCH
98-6218-B
Wheel Cylinder, Right Front, Type 2 64-70, Each

211 611 313J
98-1692-B •
Brake Fluid Reservoir, Type 2 71-72 with original design master cylinder

361 611 067A
98-6016-B
Wheel Cylinder, Front, Super Beetle, Type 1 71-79, Each

211 611 301C
98-6020-B
Brake Fluid Reservoir, Type 2 55-66

211 611 313K
98-1693-B •
Brake Fluid Reservoir, Type 2 73-79

361 611 067ACH
98-6216-B
Wheel Cylinder, Front, Super Beetle, Type 1 71-79, Each

211 611 301E
98-1694-B •
Master Cylinder Reservoir, Type 2 67 Only

113 611 351
98-6674-B
Cap and Seal Only for 98-6672-B, Type 1 68-79, Type 3 66-73, Each

311 611 067C
98-6015-B
Wheel Cylinder, Rear, Type 3 65-73, Each

113 611 301G
98-6671-B
Reservoir, Brake Fluid, Incl. Cap, Type 1 61-66, Ghia 61-66

211 611 477A
98-6023-B
Brake Bleeder Valve, Type 1 58-79, Ghia 58-74, Type 3 66-73, Each

311 611 067CCH
98-6215-B
Wheel Cylinder, Rear, Type 3 65-73, Each

251 611 301K
17-2878-7 •
Dual Circuit Master Cylinder Reservoir, Type 1 67 & Later

211 611 483
98-6024-B
Brake Bleeder Valve Cap, Type 1 58-79, Ghia 58-74, Type 2 50-79, Vanagon 80-92, Type 3 66-73, Each

211 611 069C
98-6017-B
Wheel Cylinder, Left Front, Type 2 64-70, Each

113 611 301L
98-6672-B
Reservoir, Brake Fluid, w/Cap, Type 1 68-79, Type 3 66-73

113 611 701
98-6700-B
Brake Hose, Front, Type 1 thru 64, Ghia 56-64, Type 2 thru 54, Each

211 611 701
98-6703-B
Brake Hose, Front, Type 1 65-66, Ghia 65-66, Type 2 56-67, Each

311 611 701B
98-6704-B
Brake Hose, Front, w/Disc Brakes, Type 1 67-77, Ghia 67-74, Type 3 67-73, Each

113 611 701D
98-6701-B
Brake Hose, Front, w/Drum Brakes, Type 1 67-77, Each

113 611 701E
98-6702-B
Brake Hose, Front, Super Beetle, S/B 71-79, Type 2 71-79, Each

113 611 715A
113 611 715AS
98-6685-B •
Stainless Steel Brake Line Bracket, Type 1 50-79, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each

NEW!

113 611 723A
98-9601-B
Metal Brake Line 7.50", Each

211 611 723A
98-9619-B
Steel Brake Line, 28" Length, Type 1 All, Each

113 611 723G
98-9632-B
Steel Brake Line, 9.5" Length, Type 1 All, Each

NEW!

113 611 723JA
98-9613-B
Steel Brake Line, 12" Length, Type 1 All, Each

211 611 724A
98-9633-B
Steel Brake Line, 49" Length, Type 2 All, Each

NEW!

113 611 724J
98-9634-B
Steel Brake Line, 32.25" Length, Type 1 All, Each

NEW!

113 611 735D
98-9600-B
Metal Brake Line 10.25", Each

211 611 741K
98-9621-B
Steel Brake Line, 86", Master Cylinder to rear "T", Each

NEW!

211 611 751
98-8611-B
Brake Line Grommet, Type 1 50-79, Ghia 56-74, Type 3 62-73, Type 2 50-79, Each

NEW!

803 611 755
98-6682-B •
T-Piece, Rear Brake Fluid Distributor, Thread Size 10mm x 1.00 Each End, Type 1 50-79, Ghia 56-74, Type 3 64-73, Each

113 611 763A
98-9612-B
Steel Brake Line, 8" Length, Type 1 All, Each

113 611 764B
98-9618-B
Steel Brake Line, 25" Length, Type 1 All, Each

113 611 764C
98-9617-B
Steel Brake Line, 22" Length, Type 1 All, Each

211 611 775B
98-6706-B
Brake Hose, Rear, F/F 270mm, Type 1/2/3 w/ Swing Axle, Type 2 Right Rear 68-79, Each

211 611 775C
98-6709-B
Brake Hose, Universal Applications, 292mm Long, Each Type 2 68-79 Left Rear

113 611 775E
98-6705-B
Brake Hose, Rear, Type 1 68-79, I.R.S Ghia 68-74, Each

113 611 781D
98-9614-B
Steel Brake Line, 13" Length, Type 1 All, Each

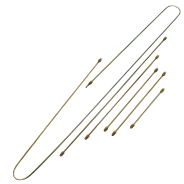
113 611 781E
98-9615-B
Steel Brake Line, 17" Length, Type 1 All, Each

113 611 817
98-6683-B
Grommet, Master Cylinder, Type 1 50-66, Each

211 611 817A
98-6684-B
Grommet, Master Cylinder, Type 1 67-79, Type 2 67-79, Each

111 698 131
98-6982-B
Repair Kit, Hubcap Spring w/Rivet, Type 1 50-65, Ghia 56-65, Type 2 50-67

113 698 700
98-6992-B
Metal Brake Line Kit, Type 1 67-68



211 615 107/108
18-1011-0
Front Brake Caliper w/ Pads and Bolts, Type 2 73-79, Vanagon 80-85, Each Fits Left & Right

251 698 151A
18-1013-0
Front Brake Pads, Type 2 73-79, Vanagon 80-85, Set

131 698 700
98-6993-B
Metal Brake Line Kit, Type 1 69-77

311 615 107/8
98-1150-B
Universal Brake Caliper, L or R, Supplied with Pads, Each

131 698 237C
98-6987-B •
Brake Hardware Kit, Front, Type 1 65-77

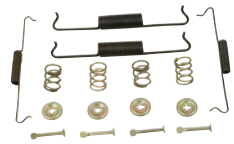
133 698 723
98-6994-B
Steel Brake Line Kit, Type 1 S/B, 71-79 (9 pcs.)

NEW!

211 615 301A
98-6101-B
Front Brake Rotor, Type 2 71-72, Not Threaded, Each

NEW!

113 698 237D
98-6986-B •
Brake Hardware Kit, Front, Type 1 58-64



111 701 059Q
00-3550-0
Front Floor Panel, w/o Seat Rails, Left

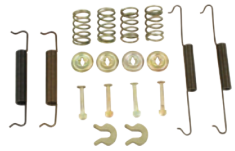
211 615 301B
18-1014-0
Brake Rotor, Front, Type 2 73-79, Each

113 698 237H
98-6988-B •
Brake Hardware Kit, S/B, Front, Type 1 71-79

111 701 060Q
00-3551-0
Front Floor Panel, w/o Seat Rails, Right

113 615 601
22-2841-B
Brake Rotor, 4/130, I.R.S., 68-on, Long Spline, Each

113 698 537B
98-6989-B •
Brake Hardware Kit, Rear, Type 1 58-66, Ghia 58-66



111 701 061M
98-4720-B
Left Floor Pan, Type 1 56-70

NEW!

Shipped by Truck Only

113 615 601S
22-2842-B
Brake Rotor, 4/130, Swing Axle, thru 68, Short Spline, Each

113 698 537C
98-6990-B •
Brake Hardware Kit, Rear, Type 1 67-79, Ghia 67-74

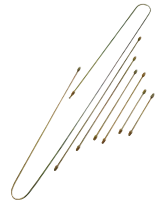
111 701 061N
98-4722-B
Left Floor Pan, Type 1 71-72

NEW!

Shipped by Truck Only

311 698 071
98-6881-B
Brake Shoe Hardware Kit, (1 Wheel), Type 1 65-79, Ghia 65-74

111 698 700
98-6991-B
Metal Brake Line Kit, Type 1 thru 66



111 701 061Q
98-4724-B
Left Floor Pan, Type 1 73-79

NEW!

Shipped by Truck Only

112 701 062K
98-4721-B
Right Floor Pan,
Type 1 56-70

Shipped by Truck Only

112 701 062N
98-4723-B
Right Floor Pan,
Type 1 71-72

Shipped by Truck Only

112 701 062Q
98-4725-B
Right Floor Pan,
Type 1 73-79

Shipped by Truck Only

112 701 063Q
00-3552-0
Rear Floor Panel, Left

112 701 064Q
00-3553-0
Rear Floor Panel, w/
Battery Bracket, Right

111 701 255B
98-7011-B •
Shift Guide,
Type 1 60-79,
Ghia 60-74,
Type 2 60-65, Each

111 701 259A
98-2038-B •
Shift Guide Bushing,
Type 1 60-79,
Ghia 60-74,
Type 2 60-65,
Type 3 64-73, Each

111 701 263
98-7013-B •
Locking Ring for Shift
Guide Bushing, Each

113 701 293C
98-8618-B •
Rubber Boot for Accelerator
and Clutch Cable
Type 1 58-71, Ghia 58-71,
Type 3 62-71, Thing 73-74,
Each

111 701 535A
98-8612-B •
Accelerator Pedal Bracket,
Zinc Plated, Type 1 58-66,
Ghia 58-66, Type 3 62-65,
Each

113 701 605
00-3157-B •
Floor Pan Seal,
Type 1 thru 79,
Ghia 56-74,
Type 3 64-73

113 707 103D
98-1006-B
Bumper, Front, Type 1 68-73, Each

Shipped by Truck Only

113 707 103DM
98-1007-B
Bumper, Front, w/Turn Signal Cut Outs,
Type 1 68-73, Each

Shipped by Truck Only

113 707 111A
98-1008-B
Bumper Blade, Front, Euro Style,
Type 1 52-67, Each

Shipped by Truck Only

111 707 121
98-1078-B •
Bumper Reinforcement,
Type 1 52-67, Each

113 707 133A
98-1009-B •
Bumper Bracket,
Left Front,
Type 1 68-73, Each

113 707 134A
98-1010-B •
Bumper Bracket,
Right Front,
Type 1 68-73, Each

111 707 135A/6A
98-1011-B •
Bumper Bracket,
Front L & R, Black,
Type 1 50-67, Each

111 707 155
00-3173-B •
Bumper Guard, Euro
Style, Type 1 52-67, Each

113 707 191B
98-1013-B •
Bumper Bolt, Long
(Bag of 12), Type 1 52-67

113 707 191C
98-1014-B •
Bumper Bolt, Short (Bag
of 12), Type 1 68-73,
Ghia 56-74, Type 3 71-74

111 707 197A
00-3178-B •
Grommet, Bumper Bracket,
Type 1 50-67, Each

111 707 197B
00-3179-B •
Grommet, Bumper Bracket
(Exc. 71-73 S/B Front),
Type 1 68-73, Each

111 707 199A
98-1015-B •
Grommet, Bumper
Support, Type 1 55-67,
Each

113 707 233/4
98-1016-B •
Bumper Support,
L & R Front, Black,
Type 1 55-67, Each

113 711 115A
98-9981-B •
Universal Gear Shifter Boot,
Type 1 49-79, Type 2 60-71,

211 711 629B
98-7033-B
Heater Cable,
Type 2 50-67, Each

211 707 291
98-8621-B •
Step Rubbers for
Bumpers,
Type 2 68-72, Pair

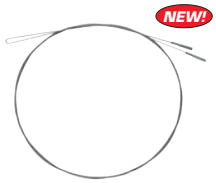
NEW!

113 711 141AIV
98-8662-B •
Gear Shift Knob, Ivory,
7mm, Type 1 61-67,
Ghia 1 61-67,
Each

NEW!

111 711 629E
98-7032-B
Heater Cable,
Type 1 63½-64,
Ghia 63½-64,
Each

NEW!



113 707 303C
98-1017-B
Bumper,Rear,Type 1 68-73, Each

Shipped by Truck Only

113 711 141IV
98-8663-B •
Gear Shift Knob, Ivory,
10mm, Type 1 49-60,
Ghia 56-60, Type 2 55-67,
Each

NEW!

211 711 629F
98-7034-B
Heater Cable, Left,
Type 2 68-71,
Each

NEW!

113 707 311A
98-1018-B
Bumper Blade, Rear, Euro-Style,
Type 1 52-67, Each

Shipped by Truck Only

211 711 149
00-4456-B •
Reverse Lock Out Plate
(Exc. Autostick),
Type 1 50-72,
Ghia 56-72,
Type 2 55-71, Each

211 711 629N
98-7036-B
Heater Cable, Left,
Type 2 73-79,
Each

NEW!

113 707 333A
98-1019-B •
Bumper Bracket,
Left Rear,
Type 1 68-73,
Each

111 711 175B
98-1079-B •
Shift Rod Coupler,
Type 1 50-64,
Ghia 56-64,
Type 2 55-67, Each

211 711 630C
98-7037-B
Heater Cable, Right,
Type 2 68-71,
Each

NEW!

113 707 334A
98-1020-B •
Bumper Bracket,
Right Rear,
Type 1 68-73,
Each

211 711 189A
98-1026-2
Grub Screw for
Shift Rod Coupler,
Type 1 50-64, Ghia 56-64,
Type 2 55-67, Each

211 711 630L
98-7038-B
Heater Cable, Right,
Type 2 1972, Each

111 707 335B/6B
98-1021-B •
Bumper Bracket,
L & R Rear, Black,
Type 1 50-67, Each

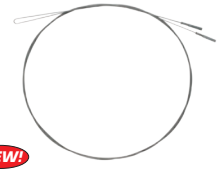
311 711 461
00-4483-B •
Emergency Brake
Boot Type 1 65-79,
Ghia 65-74,
Type 3 66-73, Each

211 711 630N
98-7039-B
Heater Cable, Right,
Type 2 73-79, Each

113 707 391/2
98-1022-B •
Bumper Support,
L & R Rear, Black,
Type 1 55-67, Each

111 711 629B
98-7031-B
Heater Cable,
Type1 56-63½,
Ghia 56-63½,
Each

NEW!



113 711 691
98-7022-B
Dust Boot, Heater Cable,
Type 1 50-79, Ghia 56-74,
Type 3 64-73, Each

111 711 713A
98-7056-B
Heater Cable, Rear Footwell, Type 1 73-79, Each

111 721 305B
98-7075-B •
Clutch Pedal Shaft (Original German Style), Type 1 72-79, Each

211 721 335J
98-7205-B
Clutch Cable, Type 2 72-79, Each

111 711 717A
98-7058-B
Heater Cable, Type 1 65-72, Ghia 65-72, S/B 71-72, Each

113 721 305B
98-7077-B •
Shaft, Clutch Pedal, Type 1 65-71, Ghia 65-71, Type 3 65-71, Each

131 721 349
98-7012-B •
Clutch Adjustment Wing Nut, Type 1 50-79, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each

131 721 163
98-7190-B
Return Spring, Brake Pedal, Type 1 67-79, Ghia 67-74, Type 3 65-73, Each

113 721 315C
98-8664-B •
Clutch Pedal, Type 1 66-77, S/B 71-77, Ghia 66-74, Type 3 66-73, Thing 73-74

211 721 351
98-7081-B
Clevis Pin, Clutch Cable, Type 2 55-71, Each

211 721 163A
98-7067-B
Return Spring, Brake Pedal, Type 2 55-67, Each

111 721 335
98-7200-B
Clutch Cable, Type 1 thru 60/62-63, Ghia thru 60/62-63, Each

211 721 351A
98-7082-B •
Clutch Cable Clevis Pin, Type 2 72-79, Each

211 721 173
98-7071-B •
Pedal Pad, Brake / Clutch, Type 2 68-79, Each

113 721 335A
98-7203-B
Clutch Cable, Type 1 64-71, Ghia 64-71, Each

311 721 361
98-7208-B
Bowden Tube, Type 1 52-71, Ghia 56-71, Type 2 52-67, Type 3 64-73, Each

311 721 173A
00-9904-B •
Pedal Pad, Clutch & Brake, Type 1 50-79, Ghia 56-74, Type 2 55-67, Vanagon 80-92, Type 3 66-73, Each

211 721 335B
98-7204-B
Clutch Cable, Type 2 50-59 & 62-67, Each

211 721 361D
98-7207-B
Bowden Tube, Type 1 72-74, Ghia 72-74, Type 2 68-79, Thing 73-74, Each

113 721 231E
98-7074-B
Brake Pedal Stop Plate, Type 1 50-79, Ghia 58-74, Type 3 64-73, Each

111 721 335C
98-7201-B
Clutch Cable, Type 1 72-74, Ghia 72-74, Each

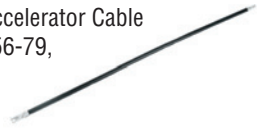
211 721 387
98-7086-B
Dust Seal, Accel Rod/Pedal, Type 2 55-79, Each

113 721 305A
98-7076-B •
Clutch Pedal Shaft, Type 1 56-64, Each

211 721 335E
98-7209-B
Clutch Cable, Type 2 68-71, Each

311 721 509A
98-7089-B •
Accelerator Pedal Lever, Type 1 66-79 incl. S/B and Conv., Type 3 65-73, Thing 73-74, Each

113 721 551
98-7083-B
Protective Tube, Accelerator Cable (598mm), Type 1 56-79, Ghia 56-74, Each



111 721 555J
98-7502-B
Accelerator Cable, Type 1 72-74, Ghia 72-74, Each

113 798 078
98-7088-B •
Repair Kit, Accelerator Pedal, Type 1 58-66, Ghia 58-66

211 721 555A
98-7504-B
Accelerator Cable, Type 2 55-64, Each

NEW!

211 721 555J
98-7507-B
Accelerator Cable, Type 2 1972, Each

NEW!

113 798 121
98-1025-B •
Gear Shift Assembly Kit, Type 1 56-67, Ghia 56-67

211 721 555AA
98-8608-B
Accelerator Cable, Type 2 75-79, Std. Trans Only, Each

NEW!

211 721 555T
98-8609-B
Accelerator Cable, Type 2 73-74, Each

NEW!

113 798 121A
98-7095-B •
Stock Shifter Assembly Kit, Straight, Type 1 68-on, Ghia 68-74, Each

133 721 555B
98-7503-B
Accelerator Cable, Type 1 & S/B 75-79, Each

NEW!

211 721 613
98-8613-B •
Accelerator Pedal Bracket, Zinc Plated, Type 2 55-79, Each

NEW!

211 798 200
98-7096-B •
Shift Bushing Repair Kit, All Bushings Necessary, Type 2 54-79

111 721 555C
98-7500-B
Accelerator Cable, Type 1 58-65, Ghia 58-65, Each

113 721 647A
98-1072-B •
Pedal Pad, Accelerator, Type 1 58-79, Ghia 58-74, Type 3 65-73, Each

311 798 211
16-5103-0 •
Shift Rod Coupling Assembly Kit, w/ Urethane Inserts, Type 1 65-79, Ghia 65-74, Type 2 68-79, Type 3 64-73, Type 2 68-79

211 721 555C
98-7505-B
Accelerator Cable, Type 2 65-67, Each

NEW!

113 798 053A
98-1023-B
Bumper Assembly, Type 1 55-67, Each
Shipped by Truck Only

113 798 305
00-4548-B •
Emergency Brake Assembly Kit, Black, Type 1 56-79, Ghia 56-74

111 721 555E
98-7501-B
Accelerator Cable, Type 1 66-71, Ghia 66-71, Each

113 798 073B
98-1024-B
Bumper Assembly, Type 1 55-67, Each
Shipped by Truck Only

113 798 305CH
00-4549-B •
Emergency Brake Assembly Kit, Chrome, Type 1 56-79, Ghia 56-74

211 721 555G
98-7506-B
Accelerator Cable, Type 2 69-71, Each

NEW!

113 798 074
98-7090-B •
Repair Kit, Accelerator Pedal, Type 1 67-79, Ghia 67-74, Type 3 64-73

113 798 507B
98-1027-B •
Accelerator Pedal Kit, Type 1 67-79, Ghia 66-74, Type 3 64-73

113 798 900
00-4526-B
Pedal Assembly, Clutch & Brake, Type 1 65-72, Ghia 65-72, Type 3 64-73
Upgraded with Zerk Fitting
See page 349

133 813 705
98-2039-B •
Engine Compartment, Seal, Type 1 75-79, Each

113 821 022M
98-8756-B
Right Front Fender, Type 1 68-73, Standard Beetle, Each
Shipped by Truck Only

111 805 501B
98-8774-B
Front Apron, Complete Assembly, Type 1 61-67, Each
Shipped by Truck Only

111 813 705A
00-3591-B •
Engine Compartment, Seal, Type 1 50-66, Ghia 56-66, Type 2 55-71, Each

111 821 305L
98-8759-B
Left Rear Fender, Type 1, 68-72 Standard Beetle, 71-72 Super Beetle, Each
Shipped by Truck Only

111 805 501C
98-8765-B
Front Apron, Complete Assembly, Type 1 68-77, Each
Shipped by Truck Only

111 813 705D
00-3592-B •
Engine Compartment, Seal, Type 1 67-74, Ghia 67-74, Each

111 821 305M
98-8757-B
Left Rear Fender, Type 1 1973 Only, Standard Beetle and Super Beetle, Each
Shipped by Truck Only

111 805 591B
98-8751-B
Front Apron with Bumper Overrider Holes, Type 1 55-67, Each

111 813 741G
98-8133-B
Seal, Bell Housing, Type 1 50-79, Ghia 56-74, Type 2 55-71

111 821 305Q
98-8776-B
Left Rear Fender Type 1 46-67, Each
Shipped by Truck Only

111 805 591C
98-8752-B
Front Apron, Type 1 68-77, Standard Beetle, Each

113 819 447A/8A
98-1028-B •
Quarter Grills, Black Plastic, Type 1 71-77, Pair

111 821 306L
98-8760-B
Right Rear Fender, Type 1, 68-72 Standard Beetle, 71-72 Super Beetle, Each
Shipped by Truck Only

111 807 115
98-1005-B •
Bumper Bracket for 113 707 103DM, Type 1 68-73, Each

113 819 447C/8C
98-9982-B •
Chrome Quarter Vent Grilles, Type 1 71 & Later, Pair

111 821 306M
98-8758-B
Right Rear Fender, Type 1 1973 Only, Standard Beetle and Super Beetle, Each
Shipped by Truck Only

111 813 301F
98-8754-B
Rear Apron, Type 1 49-66, Each

113 819 635A
98-8136-B •
Air Vent, Left and Right Side, Type 1, Standard 71-77, Each

111 821 306Q
98-8775-B
Right Rear Fender Type 1 46-67, Each
Shipped by Truck Only

111 813 301K
98-8753-B
Rear Apron, Type 1, 68-74 Standard Beetle, 71-74 Super Beetle, Each

113 821 021M
98-8755-B
Left Front Fender, Type 1 68-73, Standard Beetle, Each
Shipped by Truck Only

113 821 509MHD
00-6831-B
Running Board with 16mm Molding L & R, Pair, Type 1 50-79
Sold in pairs only

(•) Also available in skinpack

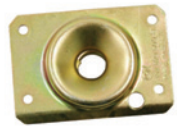
111 821 715A
00-3003-B •
Fender Beading, 2 pcs., Type 1 50-79

111 823 509B
98-1030-B •
Hood Lock, Lower, Type 1 50-67, Each

111 827 025AD
98-8762-B
Rear Deck Lid w/ 4 Vents, Type 1 68-79, Each
Shipped by Truck Only

113 823 031L
98-8750-B
Front Hood w/ Vents, Type 1 68-77, Standard Beetle, Each
Shipped by Truck Only

152 823 509B
98-1031-B •
Hood Lock, Lower, Type 1 68-79, Each



111 827 171
16-9837-7 •
Decklid Hinge Bracket, M6-1.0 Threaded Type 1 50-79, Each

113 823 355
98-8211-B
Cover, Front Hood Spring, Each, Type 1 62-77

113 823 565A
98-1032-B •
Hood Handle, Type 1 52-67, Each

141 827 331
98-9201-B •
Deck Lid Spring, Ghia 56-74, Each

111 823 461
98-8214-B •
Finger Pull, Fuel Door Release, Type 1 69-72, Ghia 69-74, Each

113 823 565F
98-1033-B •
Hood Handle, Type 1 68-79, Each

113 827 503A
98-1084-B •
Lock, Deck Lid, Type 1 65-66, Each

111 823 461A
98-8215-B •
Gas Door Release Handle, Type 1, Sedans and Super Beetle 71-79

113 823 579A
98-2044-B •
Seal Set, Hood Handle (1-Large, 1-Small), Type 1 68-79

113 827 503F
98-1034-B •
Lock, Deck Lid, Type 1 67-71, Type 2 67, Each

171 823 499
98-8212-B
Rubber Stop, Decklid, Type 1 67-79, Each

133 823 731
00-3588-B •
Front Hood Seal, Super Beetle, Type 1 73-79, Each

113 827 503H
98-1035-B •
Lock, Deck Lid, Type 1 72-79, Each

111 823 507A
98-1080-B •
Hood Lock, Upper, Type 1 50-67, Each

113 823 731B
00-3590-B •
Front Hood Seal, Type 1 50-77, Each

111 827 517A
98-2083-B •
Decklid Handle Seal, Type 1 65-71, Type 2 66-67, Each

111 823 507F
98-1081-B •
Hood Lock, Upper, Type 1 68-79, Each

111 827 025AC
98-8761-B
Rear Deck Lid w/o Vents, Type 1 68-79, Each
Shipped by Truck Only

111 827 517B
98-2084-B •
Engine Deck Lid Handle Seal, Type 1 72-79, Type 2 67-79, Thing 73-74, Each

113 827 571D
98-1090-B •
Lock, Deck Lid, "T" Handle, Type 1 52-64, Each

211 831 721D/2D
00-3597-B •
Weatherstrip, L & R Door, Type 2 68-79, Pair

151 837 035C
98-8322-B
Striker Plate, Left, Type 1 68-77, Type 3 67-73, Each

111 827 705
00-3598-B •
Deck Lid Seal, Type 1 50-79, Each

111 837 015B
98-8311-B •
Door Lock Mechanism, Left, Type 1 56-64, Each

111 837 036B
98-8323-B
Striker Plate, Right, Type 1 60-64, Each

211 829 231A
98-8671-B •
Deck Lid Lock w/ Keys, Type 2 55-63, Each

111 837 016B
98-8312-B •
Door Lock Mechanism, Right, Type 1 56-64, Each

151 837 036C
98-8324-B
Striker Plate, Right, Type 1 68-77, Type 3 67-73, Each

211 829 231G
98-8672-B •
Deck Lid Lock w/ Keys, Type 2 67-71 Each

113 837 019B
98-8673-B •
Inside Door Handle, Left, Black, Type 1 67-79, S/B 71-79, Ghia 64-70, Type 3 62-73, Type 2 68 & 74-79, Each

191 837 187
98-2092-B •
Knob, Interior Door Lock, Most Water Cooled Models, Each

311 831 439A
98-2043-B •
Cap, for Door Hinge, Type 1 68-79, Type 2 68-79, Each

113 837 020B
98-8674-B •
Inside Door Handle, Right, Black, Type 1 67-79, S/B 71-79, Ghia 64-70, Type 3 62-73, Type 2 68 & 74-79, Each

111 837 187B
98-2091-B •
Knob, Interior Door Lock, Type 1 67-79, Ghia 67-71, Type 2 68-79, Type 3 64-73, Each

111 831 449A
98-2042-B •
Cap, for Door Hinge Screw, Type 1 50-79, Each

111 837 021B
98-8313-B
Door Release Mechanism, Left, Type 1 56-64, Each

113 837 205M
98-1038-B •
Door Handle, Outer, Type 1 68-79, Ghia 68-74, Each

111 831 721A/2A
00-3593-B •
Weatherstrip, L & R Door, Type 1 56-66, Pair

111 837 022B
98-8314-B
Door Release Mechanism, Right, Type 1 56-64, Each

211 837 205N
98-8334-B
Door Handle, Left or Right, Type 2 69-79, Each

111 831 721D/2D
00-3594-B •
Weatherstrip, L & R Door, Type 1 67-77, Pair

111 837 035B
98-8321-B
Striker Plate, Left, Type 1 60-64, Each

113 837 206C
98-8675-B •
Door Handle, Non-Locking, Type 1 60-64, Each

211 837 211
98-8342-B •
Door Handle Seals, Type 2 64-68, Set of 4

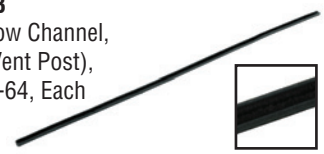
311 837 247
98-8341-B •
Finger Plate, Inside Door Handle, Black, Type 1 67-79, Type 2 68, Type 2 74-79, Ghia 64-74, Type 3 67-73, Each

111 837 361
98-8345-B
Felt Channel Clips, Type 1 50-79, Ghia 56-74, Type 2 50-79, Type 3 64-73, Each

111 837 211A
98-2046-B •
Seal Set, Outside Door Handle (2-Large, 2-Small), Type 1 60-65

111 837 249B
98-8677-B •
Door Check Rod Assembly, Left/Right, Type 1 62-79, Sedan, Convertible, S/B, Each

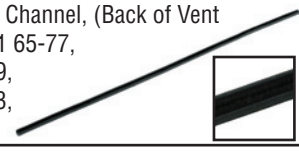
311 837 433
98-2089-B
Felt Window Channel, (Back of Vent Post), Type 1 52-64, Each



111 837 211C
98-2048-B •
Seal Set, Outside Door Handle (2-Large, 2-Small), Type 1 68-79, Ghia 68-74, Type 3 68-73

111 837 267A
98-2036-B •
Seal, Door Check Rod, Type 1 56-79, Each

311 837 433A
98-2090-B
Felt Window Channel, (Back of Vent Post), Type 1 65-77, Type 2 68-79, Type 3 64-73, Each



113 837 225A
98-1039-B •
Door Handle, Inner, Type 1 56-66, Ghia 56-63, Each

211 837 295B
98-8678-B •
Striker Plate, Left Door, 3 Hole Design, Type 2 64-66, Each

111 837 439D
00-9771-B
Felt Window Channel, Rear & Top, Type 1 52-77, Type 2 68-79, Type 3 64-73, Pair

111 837 229C
98-8338-B •
Door/Window Handle Tension Spring, Type 1 All, Each

211 837 295D
98-8679-B •
Striker Plate, Left Door, 2 Hole Design, Type 2 67-79, Thing 73-74, Each

241 837 465
98-3730-B
Vent Window Post Seal, Type 1 65-77, Type 2 68-79, Type 3 64-73, Each

113 837 235A
98-2040-B •
Buffer, Window Handle, Black, Type 1 56-67, Ghia 56-67, Each

211 837 296
98-8680-B •
Striker Plate, Right Door, 3 Hole Design, Type 2 64-66, Each

111 837 475
98-1085-B
Inside Window Scraper, L or R, Type 1 52-64, Each

111 837 235AIV
98-2041-B •
Buffer, Window Handle, Ivory, Type 1 56-67, Ghia 56-67, Each

211 837 296B
98-8681-B •
Striker Plate, Right Door, 2 Hole Design, Type 2 67-79, Thing 73-74, Each

111 837 475A
98-2061-B
Inside Window Scraper, Left, Type 1 65-68, (7 Clip Design) Each

113 837 239BC
98-8340-B •
Escutcheon, Chrome Plated Plastic, Door Pull, Type 1 67-79, Ghia 64-74, Type 2 68 79, Type 3 64-73, Each

111 837 355
98-8682-B •
Collar for Door Lock Pull, Type 1 67-79, Ghia 67-70, Type 3 67 on, Type 2 74-79, Each

111 837 475B
98-2063-B
Inside Window Scraper, Left, Type 1 69-77, (4 Clip Design) Each

111 837 476A
98-2062-B
Inside Window Scraper, Right, Type 1 65-68, (7 Clip Design) Each

111 837 502F
00-9758-B
Window Regulator, Right, Type 1 65-67, Each

113 837 581EB
98-1070-B •
Window Handle, Black, Type 1 56-67, Ghia 56-67, Each

111 837 476B
98-2064-B
Inside Window Scraper, Right, Type 1 69-77, (4 Clip Design) Each

111 837 502H
98-8356-B
Window Regulator, Right, Type 1 6/68-74, S/B 71-74, Each

111 837 581J
98-1042-B •
Window Crank, H.D., Black, Type 1 68-74, Ghia 68-74, Type 2 68-79, Type 3 68-73, Each

211 837 501
98-8351-B
Window Regulator, Left, Type 2 68-79, Each

111 837 565C
98-8685-B
Window Lift Seal, Type 1 Conv. 65-70, S/B Conv. 71-79, Each

111 837 595A
98-8364-B
Escutcheon, Window Crank, Type 1 68-79, Ghia 68-74, Type 2 68-79, Type 3 68-73, Each

111 837 501D
98-8352-B
Window Regulator, Left, Type 1 56-64, Each

211 837 571A
98-8686-B •
Door Window Lift Channel, Left or Right, Type 2 68-79, Each

111 837 625
98-1086-B •
Vent Window Seal, Left (Exc. Convertible), Type 1 52-64, Each

111 837 501F
00-9757-B
Window Regulator, Left, Type 1 65-67, Each

111 837 571B
98-8687-B •
Door Window Lift Channel, Left or Right, Type 1 52-64, Type 3 62-73, Each

111 837 625B
98-2007-B •
Vent Window Seal, Left (Exc. Convertible), Type 1 65-77, Each

111 837 501H
98-8353-B
Window Regulator, Left, Type 1 6/68-74, S/B 71-74, Each

111 837 571G
98-8366-B •
Lift Channel, Door Window, Type 1 68-77, Each

111 837 626
98-1087-B •
Vent Window Seal, Right (Exc. Convertible), Type 1 52-64, Each

211 837 502
98-8354-B
Window Regulator, Right, Type 2 68-79, Each

321 837 581
98-1041-B •
Window Handle, Black, Type 1 75-79, Vanagon 80-91, Each

111 837 626B
98-2008-B •
Vent Window Seal, Right (Exc. Convertible), Type 1 65-77, Each

111 837 502D
98-8355-B
Window Regulator, Right, Type 1 56-64, Each

113 837 581E
98-1069-B •
Window Handle, Ivory, Type 1 56-67, Ghia 56-67, Each

211 837 629
98-3727-B
Vent Window Post Seal Left & Right Type 1 52-64, Type 2 55-67, Each

113 837 639A
98-1043-B •
Vent Window Lock, Left, Type 1 52-64, Each

211 843 642A
98-8381-B •
Sliding Door Handle, Inside, Black, Type 2 68-79, Each

113 853 321D
98-1048-B
Trim Frame w/Scraper, Left, Type 1 65-77, Each

111 837 639B
98-8688-B •
Vent Wing Lock, Left, Type 1 65-67, Type 3 62-67, Each

211 845 121D
98-8614-B
Windshield Seal, Type 2 68-79, Each

113 853 322A
98-1049-B
Trim Frame w/Scraper, Right, Type 1 52-64, Each

113 837 640A
98-1044-B •
Vent Window Lock, Right, Type 1 52-64, Each

113 845 121J
98-4531-B
Windshield Seal (Exc. Super Beetle, 73-on), Type 1 65-77, Each

211 853 322B
98-8692-B
Door Window Outer Scraper w/ Trim, Right, Type 2 68-79, Each

111 837 640B
98-8689-B •
Vent Wing Lock, Right, Type 1 65-67, Type 3 62-67, Each

113 845 321D
98-4535-B
Quarter Window Seal, Left or Right, Type 1 65-77, Each

113 853 322D
98-1050-B
Trim Frame w/Scraper, Right, Type 1 65-77, Each

111 837 657A
98-1045-B •
Vent Window Lock, Left (Exc. Convertible), Type 1 68-77, Each

113 845 521J
98-4554-B
Rear Window Seal, Type 1 65-71, Each

113 853 585B
98-1051-B •
Body Side Molding Clip, Metal (Bag of 100), Type 1 52-66, Type 3 64-66

111 837 658A
98-1046-B •
Vent Window Lock, Right (Exc.Convertible), Type 1 68-77, Each

113 847 135A
98-4714-B
Quarter Window Seal Outer for Pop-Out Windows, L & R, Type 1 65-77, Each

113 853 585C
98-1052-B •
Body Side Molding Clip, Plastic (Bag of 100), Type 1 67-79, Type 3 67-73

211 841 631E
98-8690-B •
Side Door Handle, Type 2 55-67, Each

113 853 321A
98-1047-B
Trim Frame w/Scraper, Left, Type 1 52-64, Each

113 853 615
98-8392-B
Seal/Retainer, Emblem, Type 1 60-77, Each

211 841 641AC
98-8376-B
Door Handle, Inner, Chrome, Type 2 50-67, Each

211 853 321B
98-8691-B
Door Window Outer Scraper w/ Trim, Left, Type 2 68-79, Each

113 853 641A
98-1053-B •
Horn Grill, Type 1 52-67, Each

111 853 695
98-8393-B
Clip/Retainer, Decklid Script, Type 1 67-74, Each

111 857 101K
00-3583-B
Glove Box(Exc. 73 on Super Beetle), Type 1 68-77, Each

151 857 502
98-8572-B •
Mirror, Outside, Right, Convertible, Type 1 68-79, Each

113 857 051A
00-4435-0
Replacement Dash, Bug, 68-70

113 857 111
98-8693-B •
Glove Box Door Frame, Type 1 68-77, S/B 71-72, Each

98-9976-B •
Mirror, Outside, Type 2 67 & Earlier, Left, Each

113 857 051DS
00-4436-0
Replacement Dash, Bug, 71-76, 71-72 S/B

133 857 131
98-1054-B •
Lock, Glove Box (Exc. 73-on Super Beetle), Type 1 68-77, Ghia 68-74, Type 2 68-71, Type 3 68-73, Each

98-9977-B •
Mirror, Outside, Type 2 67 & Earlier, Right, Each

211 857 101A
00-3584-B
Glove Box, Type 2 68-79, Each

113 857 219A
00-4847-B •
Boot for 113 853 585B Molding Clip (Bag of 100), Type 1 52-66, Type 3 64-66

113 857 511
98-8577-B •
Rear View Mirror, Type 1 Sedan, thru 57, Chrome Plated Metal, Each

141 857 101C
00-3564-B
Glove Box, Ghia 56-74, Each

141 857 501
98-9974-B •
Mirror, Outside, Ghia 66 & Later, Left, Ea

113 857 511A
98-8580-B •
Rear View Mirror, O.E. Style, Type 1 Sedan, 58-64, Chrome Plated Metal, Each

111 857 101D
00-3580-B
Glove Box, Type 1 52-57, Each

151 857 501
98-8571-B •
Mirror, Outside, Convertible, Type 1 68-79, Left, Each

111 857 511B
98-8578-B •
Rear View Mirror, O.E. Style, Type 1 Sedan, 65-67, Chrome Plated Metal, Each

111 857 101F
00-3581-B
Glove Box, Type 1 58-64, Each

211 857 501J
98-8694-B •
Rear View Mirror, Type 2 69-79, Each

113 857 511L
98-8579-B •
Rear View Mirror, Black Plastic, Type 1 Sedan, 68-77, Day/Nite, Metal Coated with Black Plastic, Each

111 857 101H
00-3582-B
Glove Box, Type 1 65-67, Each

141 857 502
98-9975-B •
Mirror, Outside, Ghia 66 & Later, Right, Ea

113 857 513A
98-2013-B •
Mirror, Outside, Left, Type 1 50-67, Each

113 857 513ATD
98-8581-B •
Mirror, Outside Left, Oval, Type 1 thru 67, Each

Use P/N: 98-2101 Threaded Door Hinge Pin

211 857 514F
98-2018-B •
Mirror, Outside, Right, Type 2 68-79, Each

113 857 611EW
98-2096-B •
Assist Strap, Interior, White, Type 1 68-77, Each

113 857 513D
98-2015-B •
Mirror, Outside, Left, Sedan, Type 1 68-77, Each

111 857 561B
00-4430-B •
Clip, Sunvisor, Black, Pair, Type 1 65-67, Ghia 65-67, Type 2 68-79

113 857 637A
98-2097-B •
Coat Hook, Black, Type 1 61-67, Each

211 857 513EE
98-8573-B •
Mirror, Outside, L or R, Type 2 55-67, Each

133 857 561B
00-4428-B •
Clip, Sunvisor, Black, Pair, Type 1 68-79, Ghia 68-74, Type 3 68-73

113 857 637AW
98-2098-B •
Coat Hook, White, Type 1 61-67, Each

211 857 513F
98-2017-B •
Mirror, Outside, Left, Type 2 68-79, Each

111 857 561W
00-4429-B •
Clip, Sunvisor, White, Pair, Type 1 65-67, Ghia 65-67, Type 2 68-79

113 857 637B
98-2099-B •
Coat Hook, Black, Type 1 68-77, Type 3 68-73, Each

113 857 514A
98-2014-B •
Mirror, Outside, Right, Type 1 50-67, Each

133 857 561W
00-4427-B •
Clip, Sunvisor, White, Pair, Type 1 68-79, Ghia 68-74, Type 3 68-73

113 857 637BW
98-2100-B •
Coat Hook, White, Type 1 68-77, Type 3 68-73, Each

113 857 514ATD
98-8582-B •
Mirror, Outside Right, Oval, Type 1 thru 67, Each

Use P/N: 98-2101 Threaded Door Hinge Pin

113 857 611B
98-2093-B •
Assist Strap, Interior, Black, Type 1 58-67, Each

211 857 643B
98-8695-B •
Dash Grab Handle, Type 2 68-79, Each

111 857 514B
98-2101-B •
Door Hinge Pin for Mirror, Type 1 50-67, Each

113 857 611BW
98-2094-B •
Assist Strap, Interior, White, Type 1 58-67, Each

113 857 723A
98-8411-B
Hook, Safety Belt, Black Plastic, Type 1 68-72, Type 2 68-79, Type 3 67-73, Each

113 857 514D
98-2016-B •
Mirror, Outside Right, Sedan, Type 1 68-77, Each

113 857 611E
98-2095-B •
Assist Strap, Interior, Black, Type 1 68-77, Each

211 863 341
00-9958-B •
E-Brake Boot, Grey, Type 2 50-79

111 863 341A
00-9954-B •
E-Brake Boot, Black, Type 1 55-57

211 867 161B
98-8420-B •
Grab Handle, Door, Black, Type 2 68-79, Each

111 898 111
98-8701-B
7-Piece Molding Kit, Type 1 53-62

311 863 341A
00-9952-B •
Emergency Brake Boot, Type 1 56-64, Ghia 56-64, Each

211 867 529A
98-8696-B •
Rear Hatch Hinge Cover, Left, Type 2 68-79, Each

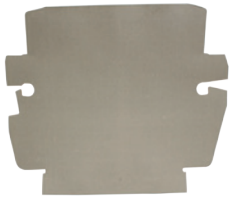
113 898 111
98-1059-B
Molding Kit (111 898 111C), Type 1 68-72, Boxed Kit

211 863 341B
00-9959-B •
E-Brake Boot, Black, Type 2 50-79

211 867 530A
98-8697-B •
Rear Hatch Hinge Cover, Right, Type 2 68-79, Each

111 898 111A
98-1060-B
Molding Kit,Type 1 63-66, Boxed Kit

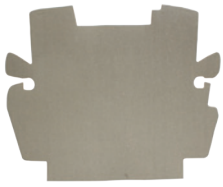
113 863 509C
98-1082-B
Trunk Liner, Type 1 61-67, Each UPS+



117 877 433
98-8698-B •
Sunroof Handle Guard Plate, White, Type 1 64-79, S/B 71-77, Type 2 68-69, Type 3 64-73, Vanagon 80-91, Each

113 898 205C
98-2032-B •
Door Handle Set, Keyed Alike, Type 1 60-64, Pair

113 863 509F
98-1083-B
Trunk Liner (Exc. Super Beetle), Type 1 68-77, Each UPS+



161 877 453
98-8657-B •
Crank Handle for Sunroof Silver/Grey Color, Type 1 68-77, Each

113 898 205M
98-2034-B •
Door Handle Set, Keyed Alike, Type 1 68-79, Ghia 68-74, Pair

113 863 515C
00-3570-B
Wiring Cover, Type 1 56-67, Each

113 881 607
98-8699-B •
Trim for Seat Back Rest Knob, Type 1 68-72, Ghia 68-72, Type 2 68-70, Each

211 898 211A
98-8337-B
Door Handle Seals, Type 2 69-79, Set of 4

141 863 515C
00-3565-B
Wiring Cover, Ghia 56-74, Each

113 881 663C
98-8700-B •
Seat Release Knob, Type 1 68-72, S/B 71-72, Ghia 68-72, Type 3 68-72, Each

111 898 213
98-8972-B •
Guide Piece Kit (6 pcs. Set), Seat Rails, Type 1 73-79

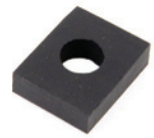
113 863 515H
00-3571-B
Wiring Cover (Exc. Super Beetle), Type 1 68-77, Each

111 898 061
00-3554-B •
Bolts and Pan Washers for one pan half, Set.

151 898 235
98-9973-B
Molding Clip, Type 1 50-64, Convertible
(Bag of 100)

113 898 376A
98-8973-B
Kick Panel Set, Left/Right, Black, Type 1 63-77, 2 Pcs.

111 899 115A10
98-8995-B
Rubber Pad, Body Mounting (10mm), Lower, Type 1 53-77, Each



113 903 515A
98-8702-B
Generator Brush Set, 12 Volt, Type 1 67-73, Type 2 66-71, Type 3 67-73, Pair

371 898 607
98-8975-B •
Kit, Seat Back Release Knob (Set for 1 Seat), Type 1 68-79, Ghia 68-74, Type 3 68-73

111 899 123A
98-8996-B •
Rubber Pad, Body Mounting, Upper, Type 1 53-77, Each

113 903 531
00-8902-7 •
Generator Brush Cover, Fits BOSCH GR15/17 generators. Each

151 898 641C
98-1061-B •
Dash Grab Handle Kit, Black, Type 1 61-67, Each

040 903 109
98-9012-B •
Alternator Pulley w/ Air Fins, 12 Volt, for AL82N, Each

043 905 115C
00-9403-B
Beru Blue Coil, 12 Volt, Blue in Color, Primary Resistance 3.5 Ohms

113 898 740
98-2012-B
Floor Sound Absorber Kit, Tar Boards, Set of 4, Type 1 56-72

043 903 109
00-9166-B •
Generator/Alternator Pulley, 12-Volt, Zinc, Type 1 67-79, Ghia 67-74, Type 2 67-71, Each

113 905 250
00-8909-B •
Clamp, Distributor Hold Down, Type 1 61-79, Ghia 61-74, Type 2 61-71, Type 3 64-73, Each

113 898 805HD
98-1062-B
Engine Comp Firewall Insulation Kit, Type 1 53-79, 3 Pcs. 5.0mm Thick

111 903 131A
00-9197-B •
Shim Kit, Generator/Alternator Pulley (Bag of 100), Type 1 50-79, Ghia 56-74, Type 2 50-71, Type 3 64-73

111 905 261
98-9021-B
Seal, Distributor Shaft, Type 1 50-79, Ghia 54-74, Type 2 50-79, Type 3 64-73, Each

211 898 825
98-8976-B •
Seat Clamp Kit, Middle Seat to Floor, Type 2 52-72

111 903 137B
98-0090-B
Stock Size Pulley Belt, 10.0 x 900mm

113 905 451A
98-9022-B
Cable Holder, (3 Wire), Type 1 50-79, Ghia 54-74, Type 2 50-79, Vanagon 79-83, Type 3 64-73, Each

211 898 825A
98-8977-B •
Seat Clamp Kit, Rear Seat to Floor, Type 2 52-72

111 903 137D
00-9928-B •
Fan Belt, 9.5 x 905mm, 12-Volt, Type 1 67-79, Ghia 67-74, Type 2 67-71, Each

111 905 803D
98-2050-B •
Ignition Switch w/ Keys, Type 1 58-67, Ghia 61-66, Each

111 899 115A
98-8994-B
Rubber Pad, Body Mounting (17mm), Lower, Type 1 53-77, Each

113 903 141B
00-9058-B •
Generator/Alternator Strap, Type 1 67-79, Ghia 67-74, Type 2 67-71, Each

211 905 811C
98-2051-B •
Ignition Switch w/ Keys, Type 2 55-67

113 905 853
98-9023-B
Ignition Lock Cylinder, w/Keys, Type 1 68-70, Ghia 68-70, Type 3 68-70, Each

211 919 051
98-8658-B
Fuel Gauge Sender, Type 2 68-73 through Chassis #2132138900, Each

111 941 037C
98-1063-B
Headlight Assembly, Brazil, Type 1 50-66, Type 2 50-67, Each

211 905 855C
98-8703-B •
Ignition Switch w/Keys, Type 2 71-79

211 919 051A
98-9193-B
Fuel Tank Sending Unit, Stock Replacement, Type 2 73-79, Each

141 941 041
98-1064-B •
Headlight Retaining Assembly, Type 1 67-79, Ghia 64-74, Type 2 68-79, Type 3 64-73, Each

311 905 865A
98-2053-B •
Ignition Switch, Electrical, Type 1 68-70, Ghia 68-70, Type 2 68-70, Type 3 68-70, Each

271 919 051B
98-9194-B
Sender, Fuel Gauge, Type 2 55-66, Each

181 941 071B
98-9622-B •
Back-Up Light Assy., w/ Left Bracket & Boot, Type 1 64-67, Ghia 69-71, Type 3 67-69, Each

111 905 865K
98-9052-B •
Switch, Ignition, Type 1 72-74, Each

113 919 051F
98-2022-B •
Sender, Fuel Gauge, Super Beetle, Type 1 71-79, Each

181 941 072B
98-9623-B •
Back-Up Light Assy., w/ Right Bracket & Boot, Type 1 64-67, Ghia 69-71, Type 3 67-69, Each

111 905 865L
98-9053-B
Switch, Ignition (6 Contact Terminals), Type 1 74-79, Ghia 73-74, Type 2 74-79, Vanagon 80-92, Each

021 919 081B
98-9190-B •
Oil Pressure Switch, Type 1 All, Ghia All, Type 2 All, Vanagon All, Type 3 All, Each

211 941 073
98-9624-B •
Back-Up Light Assy., 57-71 Type 2, Each

113 919 029
98-2019-B •
Fuel Gauge, Type 1 62-67, Each

113 919 133
98-2037-B •
Gasket, Fuel Sender, Type 1 62-77, Ghia 62-74, Type 2 62-79, Type 3 64-73, Each

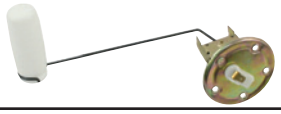
111 941 111
98-2059-B •
Headlight Door (Screws at 5 and 7 O'clock), Type 1 50-66, Type 2 50-67, Each

113 919 049C
98-2020-B •
Sender, Fuel Gauge, Type 1 62-67, Ghia 62-66, Each

111 937 037
98-9371-B •
Fuel Box, w/ Clear Cover, F/8 Fuses, Type 1 61-66, Ghia 61-66, Each

111 941 111B
98-2060-B •
Headlight Door (Screws at 2 and 7 O'clock), Type 1 50-66, Type 2 50-67, Each

113 919 049D
98-2021-B •
Sender, Fuel Gauge, Type 1 68-77, Ghia 68-74, Each



111 937 591
98-8661-B •
Fuel Box Clip, Type 1 61-71, Ghia 61-71, Type 2 61-67, Each

111 941 115H
98-9501-B •
Early Headlight Lens, Type 1 50-66, Type 2 50-67, Each

111 941 115HCB
98-9502-B •
Early Headlight Lens, Cibie Style, Type 1 50-66, Each

311 941 195A
98-9415-B
Screw, Headlight Rim (Chrome), Type 1 67-79, Type 2 68-79, Type 3 64-73, Each

113 941 531E
98-9424-B •
Headlight Switch, 8 Prong, Type 1 71-77, Each

NEW!

111 941 115HT2
98-9504-B •
Early Headlight Lens, Type 2 50-67, Each

111 941 371
98-9625-B •
Back-Up Light Lens Only, Type 1 64-67, Ghia 69-71, Type 3 67-69, 57-71 Type 2, Each

211 941 531E
98-9980-B
Headlight Switch, 6 Prong, Type 2 71-79

111 941 115HVN
98-9503-B •
Early Headlight Lens, Vintage Style, Type 1 50-66, Each

111 941 515
98-8705-B •
Dash Switch Threaded 10mm Nut, Type 1 58-67, Ghia 58-67, Each

NEW!

111 941 541F
98-8708-B •
Dash Knob, Black, Type 1 68-72, Ghia 68-72, Type 3 68-72, Type 2 68-72, Each

NEW!

111 941 115POR
98-9505-B •
Early Headlight Lens, Porsche Style, Type 1 50-66, Each

111 941 515D
98-8706-B •
Dash Switch Threaded 14mm Nut, Type 1 68-77, Type 1 Conv. 68-72, S/B and S/B Conv. 71-72, Ghia and Ghia Conv. 68-74, Type 3 68-73, Type 2 68-79, Thing 73-74, Each

NEW!

113 941 541IV
98-8707-B •
Dash Knob, Ivory, Type 1 to 66, Ghia 56-66, Type 2 55-66, Each

NEW!

111 941 119
98-9411-B
Gasket, Headlight Lens, Type 1 50-66, Type 2 50-67, Grey, Each

211 941 521
98-9416-B
Switch, Back-up Light, Type 1 66-79, Ghia 66-74, Type 2 67-79, Type 3 66-73, Each

111 941 543G
98-9435-B •
Headlight Switch Insert, Type 1 68-77, S/B 71-72, Each

NEW!

111 941 125C
98-9412-B
Retainer Spring, Headlight Glass, Type 1 50-67, Type 2 50-67, Each

311 941 531A
98-9421-B
Switch, Headlight, Push/Pull, 6 Prong, Type 1 58-67, Ghia 58-67, Type 2 68-70, Type 3 64-67, Each

111 941 561B
98-9436-B
Metal Housing Switch, Headlight Dimmer, Type 1 50-65, Ghia 54-65, Type 2 50-65, Each

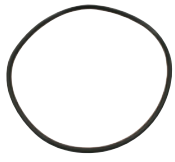
311 941 177
00-9479-B •
Headlight Door, Chrome, Type 1 67-79, Type 2 68-79, Type 3 64-73, Each

133 941 531B
98-9422-B •
Headlight Switch, 6 Prong, Type 1 S/B 73-79, Each

NEW!

111 941 583
98-9437-B
Relay, headlight (12-Volt), 5 Prong, Type 1 67-79, Ghia 67-74, Type 2 67-79, Type 3 67-73, Each

111 941 191
98-9414-B
Gasket, Headlight Assembly, Type 1 50-66, Type 2 50-67, Each



311 941 531B
98-9423-B •
Headlight Switch, 6 Prong, Type 1 68-70, Each

NEW!

311 943 121A
98-9431-B •
License Plate Light w/ Seal, Type 1 64-79, S/B 71-79, Type 3 61-73, Each

NEW!

113 943 191
00-6707-B •
Seal, License Light Housing, Type 1 64-66, Each

111 945 096NE
98-2024-B •
Tail Light Assy., Right w/Euro Lens, Type 1 62-67, Each (Painted Metal)

111 945 117A
98-8710-B •
Chrome Tail Light Trim, Left/Right, Type 1 68-70, Each

111 943 191B
00-6714-B •
Seal, License Light Housing, Type 1 52-57, Each

111 945 096RE
98-1092-B •
Tail Light Assy., Right w/Euro Lens, Type 1 68-70, Each (Painted Metal)

211 945 119A
98-9508-B •
Side Marker Lens, Yellow/Silver, Type 2 70-74, Each

111 943 191C
00-6713-B •
Seal, License Light Housing, Type 1 58-63, Each

133 945 097A
98-9452-B •
Tail Light Assy., Left/Right, Universal, Type 1 73-79, Each (Black Plastic)

211 945 119B
98-9509-B •
Side Marker Lens, Yellow/Black, Type 2 75-79, Each

111 943 191E
00-6708-B •
Seal, License Light Housing, Type 1 67-79, Each

133 945 097AK
98-9455-B •
Tail Light Assy., Left, Type 1 73-79, Each Supplied w/ Pig Tail (Gray Plastic)

211 945 161
98-9512-B •
Front Side Reflector Base, Type 2 70-79, Each

111 945 095N
98-2054-B •
Tail Light Assy., Left w/Red Lens, Type 1 62-67, Each (Painted Metal)

133 945 098AK
98-9456-B •
Tail Light Assy., Right, Type 1 73-79, Each Supplied w/ Pig Tail (Gray Plastic)

113 945 191/192
00-6706-B •
Seal, Tail Light Assy., L & R, Pair, Type 1 71-72

111 945 095NE
98-2023-B •
Tail Light Assy., Left w/Euro Lens, Type 1 62-67, Each (Painted Metal)

113 945 109
98-9506-B •
Tail Light Reflector, Left, Type 1 70-72, Each

111 945 191E
00-6704-B •
Seal, Tail Light Assy., L & R, Pair, Type 1 62-67

111 945 095RE
98-1091-B •
Tail Light Assy., Left w/Euro Lens, Type 1 68-70, Each (Painted Metal)

113 945 110
98-9507-B •
Tail Light Reflector, Right, Type 1 70-72, Each

111 945 191G/2A
00-6705-B •
Seal, Tail Light Assy., L & R, Pair, Type 1 68-70

111 945 096N
98-2055-B •
Tail Light Assy., Right w/Red Lens, Type 1 62-67, Each (Painted Metal)

111 945 117
98-8709-B •
Chrome Tail Light Trim, Left/Right, Type 1 62-67, Each

133 945 223A
98-1065-B •
Lens, Tail Light, Left, Type 1 73-79, Each

311 945 223B
98-9626-B •
Tail Light lens,
Type 3 64-69, Each

211 945 241D
98-8617-B •
T/L Lens Only,
Type 2 62-71,
Amber/Red, Each

NEW!

113 945 242B
98-9630-B •
Light lens - Euro,
Type 1 71-72, Right, Each

311 945 223P
98-9627-B •
Tail Light lens,
Type 3 70-73,
Ghia 72-74, Each

111 945 241DE
98-1074-B •
Lens, Tail Light,
Red/Amber,
Type 1 62-67,
Each

211 945 245A
98-9631-B •
Tail Light Seals,
Type 2 62-71, Each

133 945 224A
98-1066-B •
Lens, Tail Light, Right,
Type 1 73-79, Each

211 945 241G
98-9513-B •
Lens, Tail Light, Red,
Type 2 62-71, Each

211 945 351A
98-9516-B •
Bulb Holder,
Type 2, Rear
Side Marker,
Type 2 70-79,
Each

141 945 227D
98-8616-B •
Tail Light Lens w/ Chrome
Ring, Ghia 60-69,
100% Red, Each

NEW!

111 945 241J
98-1077-B •
Lens, Tail Light, Red/Red,
Type 1 68-70, Each

211 945 363A
98-9510-B •
Side Marker Lens,
Red/Silver,
Type 2 70-74,
Each

211 945 237K
98-9514-B •
Tail Light Assembly,
Type 2 62-71, Each

111 945 241JE
98-1076-B •
Lens, Tail Light,
Red/Amber,
Type 1 68-70,
Each

211 945 363B
98-9511-B •
Side Marker Lens,
Red/Black,
Type 2 75-79,
Each

113 945 241A
98-2025-B •
Lens, Tail Light,
Red/Red, Left,
Type 1 71-72,
Each

211 945 241R
98-9454-B •
Lens, Tail Light,
Red/Amber,
Type 2 72-79, Each

113 945 515G
98-2057-B •
Switch, Brake Light,
3 Prong, Type 1 68-79,
Ghia 68-74, Type 2 68-79,
Vanagon 80-91, Type 3 68-73, Each

113 945 241B
98-9629-B •
Tail Light lens - Euro,
Type 1 71-72, Left, Each

211 945 241RA
98-9453-B •
Tail Light Assy., Red,
Type 2 72-79, Each

113 945 515H
98-2058-B •
Switch, Brake Light,
2 Prong, Type1 50-67,
Ghia 56-67, Type 2 50-67,
Type 3 64-67, Each

111 945 241D
98-1075-B •
Lens, Tail Light,
Red/Red,
Type 1 62-67,
Each

113 945 242A
98-2026-B •
Lens, Tail Light,
Red/Red, Right,
Type 1 71-72,
Each

111 947 111E
98-1089-B •
Push-on terminals,
1970-77 Type 1
(Exc. Convertible).
Will fit 52-69 but will not have the OE look.

113 947 561E
98-9471-B •
Interior Light Door Contact Switch, Left Door, Type 1 70-79, Type 2 68-73, Each

113 953 042N
98-9534-B •
Turn Signal Assy., Right, Type 1 70-79, Each
(Chrome Plated Plastic)

113 953 161ACL
98-9521-B •
Turn Signal Lens, Clear, Type 1 58-63, Each

113 947 565A
98-2035-B •
Seal, Door Contact Switch, Type 1 61-79, Ghia 61-74, Type 2 68-79, Type 3 64-73, Each

113 953 049AK
98-1071-B •
Turn Signal Assy., L or R for 113 707 103DM, Type 1 68-73, Each

113 953 161B
98-9517-B •
Turn Signal Lens, Left, Amber, Type 1 70-79, Each

111 951 111H
98-2030-B •
Horn, 6-Volt, Type1 50-66, Ghia 56-66, Type 2 55-66, Type 3 64-66, Each

211 953 141/142
98-9635-B •
Turn Signal Lens - Amber, Type 2 73-79, Left/Right, Each

211 953 161B
98-9640-B •
Turn Signal Lens - Amber, Type 2 63-67, Left, Each

111 951 113B
98-2031-B •
Horn, 12-Volt, Type 1 67-79, Ghia 67-74, Type 2 62-79, Type 3 67-73, Vanagon 80-91, Each

211 953 141J
98-9525-B •
Turn Signal Lens, L or R, Type 2 68-71, Each

113 953 161BCL
98-9518-B •
Turn Signal Lens, Left, Clear, Type 1 70-79, Each

113 953 041C
98-9530-B •
Turn Signal Assy., L or R, Type 1 58-63, Each
(Chrome Plated Steel)

311 953 157J
98-9637-B •
Turn Signal Lens - Amber, Type 3 70-73, Left/Right, Each

315 953 161D
98-9526-B •
Turn Signal Lens, Bullet, KG/T3, Amber, Ghia 64-69, Type 3 64-69, Each

113 953 041CA
98-9529-B •
Turn Signal Assy., Amber, Type 1 58-63, Each
(Chrome Plated Steel)

111 953 161
98-9638-B •
Turn Signal Lens - Clear, Type 1 55-57, Type 2 56-62, Left/Right, Each

315 953 161DCL
98-9527-B •
Turn Signal Lens, Bullet, KG/T3, Clear, Ghia 64-69, Type 3 64-69, Each

113 953 041J
98-9531-B •
Turn Signal Assy., L or R, Type 1 64-66, Each
(Chrome Plated Plastic)

111 953 161A
98-9639-B •
Turn Signal Lens - Amber, Type 1 68-69, Left/Right, Each

111 953 161J
98-9524-B •
Turn Signal Lens, Amber, Type 1 64-66, Each

113 953 041N
98-9533-B •
Turn Signal Assy., Left, Type 1 70-79, Each
(Chrome Plated Plastic)

113 953 161A
98-9522-B •
Turn Signal Lens, Amber, Type 1 58-63, Each

111 953 161JCL
98-9523-B •
Turn Signal Lens, Clear, Type 1 64-66, Each

113 953 162B
98-9519-B •
Turn Signal Lens,
Right, Amber,
Type 1 70-79, Each

211 953 215C
98-8713-B •
Turn Signal Flasher Relay,
12-Volt, 4 Prong,
Type 1 68-70, Ghia 68-70,
Type 3 68-70, Type 2 68-70
Thing 73-74, Each

113 955 113G
17-2807-0
039 024 6050 (Bosch Reference)
12 Volt Wiper Motor,
Type 1, 69-71, Boxed
2 Speed Motor
Negative Ground

211 953 162B
98-9641-B •
Turn Signal Lens - Amber,
Type 2 63-67, Right, Each

191 953 227A
98-8714-B •
Turn Signal Flasher Relay,
12-Volt, 3 Prong, Type 1 71-79,
Ghia 71-74, Type 3 71-73,
Type 4 69-74, Type 2 71-79,
Thing 73-74, Vanagon 80-91, Each

133 955 261
98-9579-B
Wiper Shaft Grommet,
Type 1 S/B 73-79,
Vanagon 80-91, Each

113 953 162BCL
98-9520-B •
Turn Signal Lens,
Right, Clear,
Type 1 70-79, Each

211 953 235A
98-9575-B
Switch, Emergency Flasher,
S/B 71-72, Type 1 68-73,
Ghia 68-73, Type 2 68-72,
Type 3 68-72, Each

111 955 261A
98-9578-B
Wiper Shaft Grommet,
Type 1 58-69,
Type 1 Conv. 58-69,
Ghia 58-69, Type 3 62-69,
Each

211 953 165C
98-8615-B •
Turn Signal Seal,
Type 2 68-72, Each

311 953 513B
98-9539-B •
Switch, Turn Signal,
Type 1 68-70,
Ghia 68-70,
Type 3 68-69,
Each

211 955 261A
98-8718-B
Wiper Shaft
Grommet,
Type 2 55-67, Each

211 953 165D
98-8712-B •
Turn Signal Lens Seal,
Type 2 73-79, Each

111 953 513C
98-9537-B •
Switch, Turn Signal, Type 1 71,
Ghia 71, Each

311 955 261A
98-9580-B
Ferrule, Windshield Wiper
Shaft, S/B, 71-72,
Type 1 70-77, Ghia 68-74,
Type 2 69-79, Type 3 64-73,
Each

111 953 193
00-6701-B •
Seal, Turn Signal,
Pair, Type 1 58-63

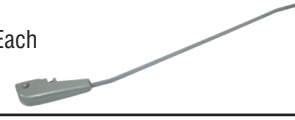
111 953 513F
98-9538-B •
Switch, Turn Signal,
Type 1 72-79,
Ghia 72-74,
Type 3 72-73, Each

211 955 275A
98-9581-B
Protective Cover, Windshield
Wiper Shaft, Type 1 70-79,
Ghia 70-74, Type 2 69-79,
Type 3 70-73, Each

113 953 193
00-6703-B •
Seal, Turn Signal,
Pair, Type 1 70-79

211 953 513K
98-8717-B •
Turn Signal Switch,
Type 2 74-79, Each

221 955 407A
98-9642-B
Wiper Arm, Silver,
Left or Right,
Type 2 to 67, Each



111 953 193E
00-6702-B •
Seal, Turn Signal,
Pair, Type 1 64-69

141 953 517F
98-9576-B •
Switch, Turn Signal,
Type 1 62-67,
Ghia 62-67, Black, Each
(Do not connect dimmer
switch wire on early cars)

OEM Type 1 62-65 is ivory in color. EMPI's is black.

113 955 407B
98-9553-B •
Wiper Arm, Silver,
Left or Right, Type 1 58-64,
Each

111 955 407D
98-9551-B •
Wiper Arm, Silver, Left, Type 1 68-69, Each

113 955 407D
98-9554-B •
Wiper Arm, Silver, Left or Right, Type 1 65-67, Each

111 955 407F
98-9552-B •
Wiper Arm, Silver, Left, Type 1 70-72, Each

111 955 407H
98-9549-B •
Wiper Arm, Black, Left, Type 1 73-77 (Exc. S/B) Super Beetle Sedan 71-72

111 955 408
98-9558-B •
Wiper Arm, Silver, Right, Type 1 68-69, Each

111 955 408B
98-9555-B •
Wiper Arm, Silver, Right, Type 1 70-72, Each

111 955 408H
98-9550-B •
Wiper Arm, Black, Right, Type 1 73-77 (Exc. S/B) Super Beetle Sedan 71-72

111 955 409
98-9556-B •
Wiper Arm, Black, Left, Super Beetle, Type 1 73-79, Each

133 955 410
98-9557-B •
Wiper Arm, Black, Right, Super Beetle, Type 1 73-79, Each

211 955 417A
98-9648-B
Wiper Arm to Shaft Cap Nut, Silver, Type 1 70-72, Ghia 70-72, Type 1 S/B 71-72, Type 2 69-79, Each

211 955 417B
98-9647-B
Wiper Arm to Shaft Cap Nut, Silver, Type 1 70-72, Ghia 70-72, Type 1 S/B 71-72, Type 2 69-79, Each

133 955 425A
98-9568-B
Wiper Blade, 15", Black, S/B 73-79, Type 3 71-73, Each

133 955 425B
98-9644-B •
Wiper Blade, 10.5" / 268mm, Silver, Type 1 65-67, Each

113 955 425B
98-9559-B
Wiper Blade, 10" / 255mm, Black, Type 1 58-64, Type 2 50-67, Each

141 955 425B
98-9567-B
Wiper Blade, 13", Black, Ghia 58-74, Type 3 62-70, Each

221 955 425C
98-9643-B
Wiper Blade, 10.75" / 274mm, Silver, Type 2 to 67, Each

221 955 425CBL
98-9645-B
Wiper Blade, 10.75" / 274mm, Black, Type 2 to 67, Each

111 955 425F
98-9548-B
Wiper Blade, 11.3" / 288mm, Black, Type 1 68-77 (Exc. S/B), Super Beetle 71-72

113 955 425S
98-9566-B
Wiper Blade, 10" / 255mm, Silver, Type 1 58-64, Type 2 50-67, Each

133 955 435
98-9582-B
Cap, Windshield Wiper Shaft, Type 1 73-79, Ghia 70-74, Type 2 73-79, Type 3 70-73, Each

113 955 541BGY
98-8719-B •
Wiper Switch Knob, Grey, Type 1 62-66, Each

111 955 549
98-8720-B •
Wiper Switch Knob, Black, Type 1 68 and later, Ghia 68 and later, Type 3 68-71, Type 2 68-72, Each

211 955 993
98-9587-B •
Windshield Spray Nozzle, Type 2 68-79, Each

111 955 993A
98-9586-B •
Nozzle, Windshield Washer, Type 1 60-79, Ghia 61-74, Type 3 64-73, Each

113 957 063B
98-8722-B •
Fuel Level Guage,
Type 1 68-79,
Thing 73-74,
Each

NEW!

111 957 861
98-9809-B
Dust Boot, Speedometer
Cable, Type 1 61-77,
Ghia 56-74, Each

B6HS
98-9944-B
Spark Plug, NGK, Sold Each
14mm, 1/2" Reach
Tip installed on plug

113 957 099A
98-9588-B •
Fuel Gauge Stabilizer,
Type 1 68-77,
Type 1 S/B 71-79,
Ghia 73-74, Type 2 73-79,
Thing 73-74, Each

NEW!

111 998 031
98-9986-B
Ignition Wire Set,
Type 1 50-79,
Ghia 56-74,
Type 2 50-71, Each

BOSCH

B7ES
98-9960-B
Spark Plug, NGK, Sold Each
14mm, 3/4" Reach,
Tip installed on plug

NEW!

111 957 397
98-8723-B
Bulb Socket with
Push-In Connector.
Used in Instrument Panel,
All Years

NEW!

111 998 031A
00-9314-B •
Ignition Wire Set,
Black, Type 1 52-79,
Ghia 56-74,
Type 2 thru 71,
Each

(USA Made)

B7HS
98-9961-B
Spark Plug, NGK, Sold Each
14mm, 1/2" Reach,
Tip installed on plug

NEW!

113 957 801A
98-9803-B
Speedometer Cable,
Super Beetle,
Type 1 71-74,
Each

AL82N
00-9444-1
(Bosch) Alternator, Each
55 Amp
New, No Core

BOSCH

B8ES
98-9945-B
Spark Plug, NGK, Sold Each
14mm, 3/4" Reach
Tip Installed on Plug

211 957 801E
98-9804-B
Speedometer Cable,
Type 2 55-67,
Each

00-9445-7
EMPI Alternator,
55 Amp,
Type 1 75-79, Each
New, No Core

B8HS
98-9962-B
Spark Plug, NGK, Sold Each
14mm, 1/2" Reach,
Tip installed on plug

NEW!

211 957 801F
98-9805-B
Speedo. Cable,
Type 2 68-74 & 75-79
w/o EGR,
Left Hand Drive,
Each

NEW!

B5ES
98-9957-B
Spark Plug, NGK, Sold Each
14mm, 3/4" Reach,
Tip installed on plug

NEW!

BP5ES
98-9963-B
Spark Plug, NGK, Sold Each
14mm, 3/4" Reach
Tip Installed on Plug

NEW!

111 957 801J
98-9801-B
Speedometer Cable,
Type 1 58-65, Each

B5HS
98-9958-B
Spark Plug, NGK, Sold Each
14mm, 1/2" Reach,
Tip installed on plug

NEW!

BP5HS
98-9965-B
Spark Plug, NGK, Sold Each
14mm, 1/2" Reach,
Tip installed on plug

NEW!

111 957 801K
98-9802-B
Speedometer Cable,
Type 1 66-74, Each

B6ES
98-9959-B
Spark Plug, NGK, Sold Each
14mm, 3/4" Reach,
Tip installed on plug

NEW!

BP6ES
98-9964-B
Spark Plug, NGK, Sold Each
14mm, 3/4" Reach
Tip Installed on Plug

NEW!

REPLACEMENT PARTS

BP6HS
98-9966-B
Spark Plug, NGK, Sold Each
14mm, 1/2" Reach,
Tip installed on plug

D6EA
98-9967-B
Spark Plug, NGK, Sold Each
12mm, 3/4" Reach

D7EA
98-9968-B
Spark Plug, NGK, Sold Each
12mm, 3/4" Reach

D8EA
98-9949-B
Spark Plug, NGK, Sold Each
12mm, 3/4" Reach

D9EA
98-9969-B
Spark Plug, NGK, Sold Each
12mm, 3/4" Reach

DP7EA9
98-9937-B
Spark Plug, NGK, Sold Each
12mm, 3/4" Reach

DP8EA9
98-9938-B
Spark Plug, NGK, Sold Each
12mm, 3/4" Reach

DP9EA9
98-9939-B
Spark Plug, NGK, Sold Each
12mm, 3/4" Reach
Tip Installed on Plug

GR15N BOSCH
98-9031-B
Generator, 12-Volt,
Type 1 67-74, Ghia 67-74,
Type 2 67-68, Each
New, No Core

M79AHV
31-2955-0
Melling Oil Pump,
1300-1600cc,
Type 1 thru 70,
8mm Studs,
w/Flat Cam Gear

M79CHV
31-2952-0
Melling Oil Pump,
1600cc, 71 & Later,
8mm Studs,
w/Dish Cam Gear

N011 152 1
98-0112-B
Nut for Valve Adjustment
Screw, Type 1 50-79, Each

N012 548 1
98-0118-B
Cotter Pin, Rear Axle Nut
(5 x 55mm), Type 1 50-79,
Ghia 56-74, Type 2 50-79,
Type 3 64-73, Each

N012 705 1
98-0111-B •
Bulk Gen./Alt. Woodruff Key,
Type 1 50-79, Ghia 56-74,
Type 2 50-71, Type 3 64-73,
Each

N012 810 1
98-0117-B •
Pin for Window Crank and Door
Handle, Each, Type 1 50-67,
Ghia 50-67, Each

N013 776 1
98-0119-B
Gasket, Carburetor Base,
28/30 PICT Carburetor,
Type 1 50-70, Ghia 56-70,
Type 2 50-70, Each

N0138174
98-8738-B
Washer, Oil Relief Valve,
1200, 1300, 1500, 1600cc
Aircooled Engines,
Each

N0147791
99-4372-0
Bolt – Rotor to Hub, 8.8
Grade Socket Head M8X20
Bolt, Type 2, 73-79, Each

N0123191
98-0127-B
Circlip for IRS Inner
Bearing, Type 1 68-79,
Type 3 68-73,
Each

N0123201
98-0126-B
Replacement Clip Only,
For Double Snap Ring
Super Diff, Swing Axle,
Each

N020 029 1
98-0120-B •
Rubber Stop, Fuel Filler Door/
Glove Box, Type 1 52-77,
Ghia 56-74, Type 2 68-79,
Type 3 64-73, Each

N020 112 1
70-2860-7 •
Lug Nut (M14 x 1.5),
Steel Wheel, Gold, Each

N104707
98-9824-B
Engine Mounting Bolt,
10x70mm,
Type 1 47-47,
Ghia 56-74, Type 2 50-79,
Type 3 66-73, Type 4 70-74, Each

N10 710 8
00-9524-B •
Sheet Metal Screws
(Bag of 100),
Type 1 50-79,
Ghia 56-74, Type 2 50-79,
Type 3 64-73

N110102
98-9825-B
Hex Nut,
10mm x 1.5,
Each

N144438
98-8739-B
M8-1.25 x 38mm
Double End Stud,
Each

N20 355 1
98-0123-B
OE Style Braided
Fabric Fuel Hose,
5mm I.D.,
10 Meter Roll

N110624
99-2404-0
Acorn Cap Nut,
6mm x 1.0, Each

N144521
98-8735-B
6mm/8mm x 23mm
Step Stud, Each

SR11X BOSCH
98-9112-B
Starter, 6-Volt,
Type 1 50-66, Ghia 56-66,
Type 2 50-66, Each
Remanufactured, No Core

N122391
17-2829-7 •
Trans Cradle Bolt
Washer, Type 1 49-72,
Type 2 50-67,
Early Type 3, Each

N145251
98-8737-B
M10-1.5 x 85mm
Double End Stud,
Each

SR15N BOSCH
98-9110-B
Starter, Self Supporting,
12-Volt,
Type 1 67-79, Ghia 67-74,
Type 2 67-71, Each
New, No Core

N137761
00-3254-7 •
30 PICT 1 Carburetor, Base Gasket,
Each

N171211
00-9929-B
8 Amp Fuses, White
Box of 100

SR15NCH
98-9114-B
EMPI Starter,
12-Volt New,
Type 1 67-79
Exc. AutoStick

N138272
99-2510-0
Brake Fluid Reservoir
Sealing Washer,
Type 2 50-66, Each

N171214
00-9930-B
16 Amp Fuses, Red
Box of 100

W7CC BOSCH
98-9933-B
Spark Plug, Each, 10 per Box,
Sold Each
14mm, 3/4" Reach
Tip Installed on Plug

N14 389 1
00-4846-B •
Door Panel Clip (Bag
of 100), Type 1 50-79,
Ghia 56-74,
Type 2 68-79,
Type 3 64-73

N171215
00-9931-B
25 Amp Fuses, Blue
Box of 100

WR7AC BOSCH
98-9931-B
Spark Plug, Each, 4 per Box,
Sold Each
14mm, 1/2" Reach
Tip Installed on Plug

N143968
98-8736-B
M8-1.25 x 50mm
Double End Stud, Each

N20 350 1
98-0121-B
Brake Hose, Black,
7mm I.D., 13mm
O.D., 5 Meter Roll

WR8AC BOSCH
98-9932-B
Spark Plug, Each, 4 per Box,
Sold Each
14mm, 1/2" Reach
Tip Installed on Plug

N144021
98-8740-B
M6 x 1.0 / M8 x 1.25 x 31mm
Double End Repair Stud,
Each

N20 353 1
98-0122-B
OE Style Braided
Fabric Fuel Hose,
3.5mm I.D.,
10 Meter Roll

WR8CC BOSCH
98-9934-B
Spark Plug, Each, 4 per Box,
Sold Each
14mm, 3/4" Reach
Tip Installed on Plug

REPLACEMENT PARTS

WR8DP BOSCH
98-9823-B
Spark Plug, Each, 4 per Box, Sold Each
14mm, 3/4" Reach
Tip Installed on Plug

0 231 178 009EC
00-9431-B
EMPI Street Model Centrifugal Advance Distributor, Standard Curve (Boxed)

00 012
00-9409-B
Bosch Blue Coil w/Bracket, 12 Volt, Blue in Color, Primary Resistance 3.4 Ohms, (Boxed)
BOSCH

00 016
00-9408-B
Bosch Blue Coil w/ Bracket, 6 Volt, Silver in Color, Primary Resistance 1.5 Ohms (Boxed)
BOSCH

01 009
98-9941-B
Ignition Points, Each
BOSCH

01 011
00-9433-B •
Points for 009, Each
BOSCH

02 006
98-9815-B
Condenser, Each
BOSCH

02 007
98-9816-B
Condenser, Each
BOSCH

02 039
98-9817-B
Condenser, Each
BOSCH

02 054
98-9946-B
Condenser, Each
BOSCH

02 069
98-9947-B
Condenser, Each
BOSCH

02 074
98-9948-B
Condenser, Each
BOSCH

02 086
00-9434-B •
Condenser for 009, Each
BOSCH

03 001
98-9951-B
Distributor Cap, Each
BOSCH

03 010
00-9435-B •
Distributor Cap, Each
BOSCH

04 004
98-9821-B
Distributor Rotor, Each
BOSCH

04 006
98-9955-B
Distributor Rotor, Each
BOSCH

04 008
98-9822-B
Distributor Rotor, Each
BOSCH

04 010
98-9956-B
Distributor Rotor, Each
BOSCH

04 023
98-9605-0 •
6,500 RPM Rev Limiter, Each
BOSCH

04 024
98-9606-0 •
6,800 RPM Rev Limiter, Each
BOSCH

04 028
98-9607-0 •
7,100 RPM Rev Limiter, Each
BOSCH

04 030
98-9604-0 •
5,800 RPM Rev Limiter, Each
BOSCH

REPLACEMENT PARTS

04 110
00-9436-B •
Rotor for 009, Each
BOSCH

198940
98-1994-B
Piston & Cyl. Set, 94mm x 69mm Stroke, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

10-1071-B
Castle-Design Hubcap, Type 1, 5 Lug to 66-67, Bulk, Each

198860
98-1985-B
Piston & Cyl. Set, 85.5mm, 1500-1600cc, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

198950
98-1995-B
Piston & Cyl. Set, 94mm x 82mm Stroke, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

10-1072-B
Castle-Design Hubcap, Type 1, 4 Lug to 68-79, Bulk, Each

198861
98-1986-B
Piston & Cyl. Set, 87mm x 69mm, Cast, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

30 019
98-9068-B
Voltage Regulator, 12-Volt, Type 1 67-74, Ghia 67-74, Type 2 67-68, Each
BOSCH

10-1060-B •
Chrome Smoothie Cap, 4 Lug, 68-79, Each

198870
98-1987-B
Piston & Cyl. Set, 87mm, 1500-1600cc, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

40 716A
98-9564-B
Wiper Blade, 16", Type 2 68-79, Each
Includes Universal Adapters
BOSCH

10-1061-B •
Chrome Smoothie Cap, 5 Lug to 65, Each

198900
98-1990-B
Piston & Cyl. Set, 90.5mm x 69mm Stroke, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

40 718A
98-9565-B
Wiper Blade, 18", Vanagon 80-91, Each
Includes Universal Adapters
BOSCH

10-1063-B •
EMPI Stock Style Hub Cap, 4 Lug, 68-79, Each

198910
98-1991-B
Piston & Cyl. Set, 90.5mm x 82mm Stroke, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

93033203400E
87-9469-B
C.V. Joint, 930, EMPI Brand, Each

10-1059-B
Stock Style Hub Cap w/ Holes, 68-79, Bulk, Each

See page 341 for all crests.

198920
98-1992-B
Piston & Cyl. Set, 92mm x 69mm Stroke, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

93033203400
98-5093-B
C.V. Joint, 930, Lobro (EMPI Version Use P/N: 87-9469-B), Each

10-1055-B
Classic 'Nipple' Hub Caps for 4-Lug VW Wheels, 68-79, Bulk, Each

See page 341 for all crests.

198930
98-1993-B
Piston & Cyl. Set, 92mm x 82mm Stroke, Forged, Type 1 67-79, Ghia 67-74, Type 2 63-71, Type 3 64-73
MAHLE

10-1070-B
Castle-Design Hubcap, Type 1, 5 Lug to 65, Bulk, Each

10-1057-B
Classic 'Nipple' Hub Caps for 5-Lug VW Wheels to 65, Bulk, Each