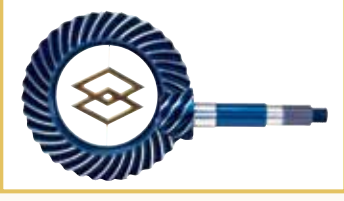


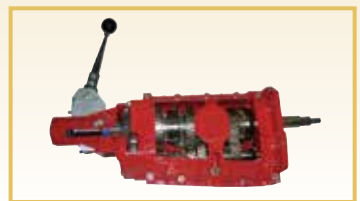


Winners Run RICHMOND!

Performance Products



- Ring & Pinion
- Installation Kits
- Full Spools & Mini Spools
- Transmissions
- Quick-Change
- Lubricants
- Purpose Built Gears



Ring And Pinion Sets



- 4-WD, Light Truck
- Off-Road, SUV
- Street and Utility



EXTREME TRACTION SYSTEMS



- 4-WD, Light Truck
- Off-Road, Utility Vehicles
- Race, Street Performance



Winners Run RICHMOND!

Performance Products

SECTION 1 Contents



Ring & Pinions

Richmond is the leading manufacturer of professional quality, hi-performance ring and pinion sets. For over 80 years, the Double Diamond has signified the highest quality gears in the racing industry!

The superior quality of Richmond Performance Products is a result of continual research and development, outstanding design and state-of-the-art manufacturing. Extensive testing is performed on all Richmond products. Engineered to perform faster and more reliable, our products are winners both at the Daytona 500 and U.S. Nationals for decades!

Demand Richmond Products!

Richmond Transmissions



Richmond "Bullet Proof" transmissions are packed with power and speed. The superior quality is a result of constant research and development and extensive testing at our Liberty, South Carolina facility. Outstanding engineering design has made the Double Diamond gearing the winner at the track or on the street.

Professional quality and our enthusiastic approach to drivers who demand winning performance are built into every transmission and gear set that carries the Richmond name.





Winners Run RICHMOND!

Ring and Pinion Sets

Chrysler/Dodge H198

MODEL	YEAR
300	06-09
Charger	06-09
Magnum	05-08

INSTALLATION KIT

PART NO.

R198RMKT AWD Rear

RATIO	PART NO.	
3.55	49-0164-1	AWD Rear
3.73	49-0165-1	AWD Rear

Chrysler/Dodge H210

MODEL	YEAR
300	06-09
300C	05-10
Challenger	09-10
Charger	06-10
Magnum	05-08

INSTALLATION KIT

PART NO.

R210RMKT most 5.7L

RATIO	PART NO.	
3.23	49-0161-1	most 5.7L
3.55	49-0162-1	most 5.7L





Winners Run RICHMOND!

Ring and Pinion Sets

Chrysler/Dodge H215

MODEL	YEAR
300C	05-10
Challenger	08-10
Charger	06-10
Magnum	06-08

RATIO	PART NO.	
3.23	49-0153-1	6.1L*
3.55	49-0154-1	6.1L*

INSTALLATION KIT

PART NO.	
R215RMKT	most 6.1L with aluminum housing

* most with aluminum housing

Chrysler/Dodge H226

MODEL	YEAR
300C	10+
Challenger	10+
Charger	10+

RATIO	PART NO.	
3.55	49-0197-1	6.1L & 6.4L*

INSTALLATION KIT

PART NO.	
83-1086-1	
83-1086-C	Half-Kit

* most with cast iron housing



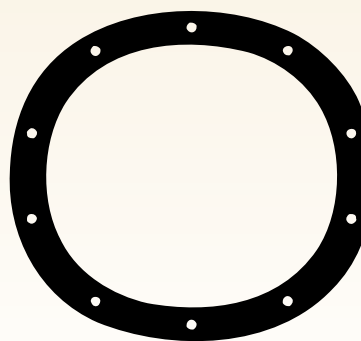


Winners Run RICHMOND!

Performance Products

Chrysler 8.25 & 8.375

MODEL	YEAR
Cars, various passenger	67-89
B100, B150, B200, B250	69-03
B, D, W100	66-93
Aspen, Volare	76-80, 07-09
Barracuda, Challenger	70-74
Charger, Coronet	69-78
Cherokee (XJ), Comanche	91-01
Chrysler 300	72-79
Cordoba	75-83
Dakota	87-11
Dart	73-76
Diplomat, LeBaron	77-89
Durango	98-08
Fifth Avenue, New Yorker	72-89
Fury, Gran Fury	67-89
Imperial	81-83
Liberty	02-12
Magnum	78-79
Miranda	80-83
Newport	72-81
Polara, Satelite	67-74
St. Regis	79-81
Ramcharger, Trailduster	78-93



- 11-3/8"
- Oval Cover 10 Holes
- 10 Bolt
- 8.250" Diameter Ring Gear
- 1.626" Diameter Pinion
- 27 Splines

RATIO	PART NO.	TEETH
3.55	49-0074-1	39-11
3.91	49-0076-1	43-11
4.10*	69-0314-1*	41-10
4.56*	69-0316-1*	41-9

Fits 2.73 ratio and numerically higher carrier.

* Cross shaft pin 80-0278-1 required.

INSTALLATION KIT

PART NO.	
83-1070-1	Most Except XJ
83-1070-B	Half-Kit
83-1071-1	97-01 XJ Cherokee
83-1071-B	Half-Kit

SPOOLS

PART NO.	SPLINE	CARRIER
Consult Factory		

SPOOL BEARING KIT

PART NO.
Consult Factory



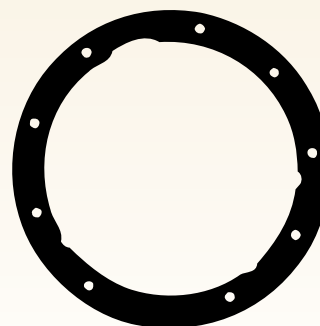


Winners Run RICHMOND!

Ring and Pinion Sets

Chrysler 8.75, 742

MODEL	YEAR
B200, B250	65-68
Barracuda	68
Belvedere, 300	57-70
Challenger	68
Charger -- Daytona	66-70
Concord, Monaco,	63-68
Polara, Coronet	60-70
Dart, Swinger	60-62,66-68
Fury, Imperial,	57-42
Town & Country	57-68
New Yorker	57-68
Newport	57-68
Road Runner, Satellite	65-70
Super Bee	68
Truck 3/4 Ton	65-68
Valiant	68
W100, W150	63-68



- 8-11/16" x 10-19/32"
- Housing 10 Holes
- 12 Bolt
- 8.750" Diameter Ring Gear
- 1.750" Diameter Straight Pinion
- 10 Splines
- Casting 742

RATIO	PART NO.	TEETH
3.91	69-0375-1	43-11
4.10	69-0045-1	41-10
4.30	69-0046-1	43-10
4.57	69-0047-1	32-7
4.86	69-0048-1	34-7
5.13	69-0145-1	41-8

INSTALLATION KIT/HALF KIT

PART NO.

83-1037-1*
83-1037-B Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

81-87530-1 30
81-87535-1 35

SPOOL BEARING KIT

PART NO.

29-0010-1

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

* Carrier bearings in Kit will not fit full spool application. Use Part #29-0010-1.



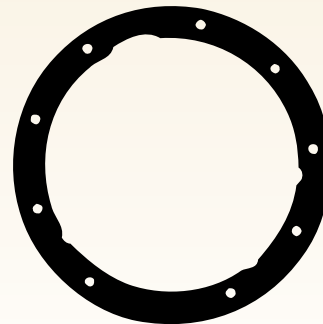


Winners Run RICHMOND!

Ring and Pinion Sets

Chrysler 8.75, 489

MODEL	YEAR
B100, B150, B200, B250	69-74
Barracuda	69-74
Belvedere	69-70
Challenger	70-74
Charger -- Daytona	69-74
Chrysler 300	69-71
Coronet	69-74
Dart, Swinger	69-72
Duster	70-74
Fury	69-74
Imperial, Newport	68-74
New Yorker	69-73
Monaco, Polara	69-74
Road Runner, Satellite	69-74
Super Bee	69-70
Town & Country	69-74
Valiant	69-72
W100, W150	69-74



- 8-11/16" x 10-19/32"
- Housing 10 Holes
- 12 Bolt
- 8.750" Diameter Ring Gear
- 1.875" Diameter Tapered Pinion
- 10 Splines
- 489 Case

RATIO	PART NO.	TEETH
3.55	69-0371-1	39-11
3.91	69-0058-1	43-11
3.91	69-0372-1*	43-11
4.10	69-0059-1	41-10
4.30	69-0060-1	43-10
4.57	69-0061-1	32-7
4.86	69-0062-1	34-7
4.86	69-0374-1*	34-7
4.86	79-0133-L**	34-7
5.13	69-0063-1	41-8
5.38	69-0151-1	43-8

INSTALLATION KIT/HALF KIT

PART NO.

83-1031-1
83-1031-B Half-Kit

SPOOLS

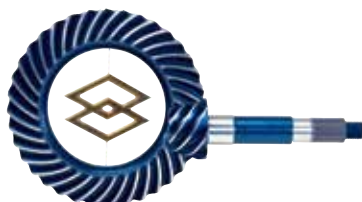
PART NO. SPLINE CARRIER

81-87530-1 30
81-87535-1 35

SPOOL BEARING KIT

PART NO.

29-0010-1



For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

* 29 spline pinion - use with any 8.75" model 29 spline yoke.
** Pro Series - Drag Use Only

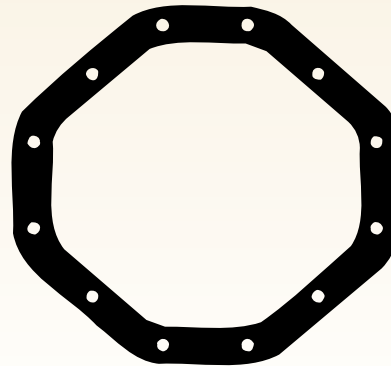


Winners Run RICHMOND!

Ring and Pinion Sets

Chrysler 9.25

MODEL	YEAR
Aspen	07-09
Cordoba	75-79
Dakota	87-10
Durango	98-08
Fury, Gran Fury	73-81
Newport	73-81
New Yorker	74-81
Charger	74-78
Monaco	73-78
Polara	73
Ramcharger	74-93
Roadrunner	73-75
Trailduster	74-81
B100, B150, B250, B350	74-03
D300, D350	74-93
D & W100, W150, Ram 1500	74-Present
D & W200, W250, Ram 2500	74-02



- Irregular Cover
- 12 Holes
- 12 Bolt
- 9.25" Diameter Ring Gear
- 1.877" Diameter Pinion
- 29 Splines

RATIO	PART NO.	TEETH
3.55	49-0078-1	39-11
3.91	49-0080-1	43-11
4.10	69-0220-1	41-10
4.56	69-0222-1*	41-9

* Special Cross Pin required:
Use 80-0280-1

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1041-1

83-1041-M

83-1041-B Half-Kit

SPOOLS

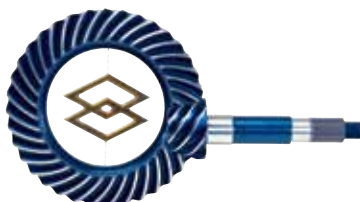
PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory





Winners Run RICHMOND!

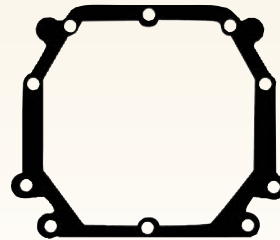
Ring and Pinion Sets

Corvette Dana 36

MODEL	YEAR
Corvette	84-96 1/2

RATIO	PART NO.	TEETH
3.54	49-0143-1*	46-13
3.75	49-0110-1*	45-12

Fits 2.73 ratio and numerically lower carrier.



- 10 Holes
- 10 Bolt
- 7.725" Diameter Ring Gear
- 1.376" Diameter Pinion
- 26 Splines

INSTALLATION KIT

PART NO.

83-1057-1

83-1057-C Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil





Winners Run RICHMOND!

Ring and Pinion Sets

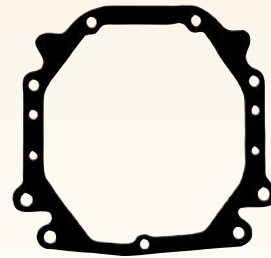
Dana 44HD

MODEL	YEAR
Corvette	84-96
Viper	92-09
Grand Cherokee	96-04



RATIO	PART NO.	TEETH
3.75	49-0108-1	45-12

Fits 3.07 ratio and numerically higher carrier.



- 11-1/8"
- Irregular Cover
- 13 Holes
- 10 Bolt
- 8.537" Diameter Ring Gear
- 1.626" Diameter Pinion
- 29 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1074-1
83-1074-B Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil





Winners Run RICHMOND!

Ring and Pinion Sets

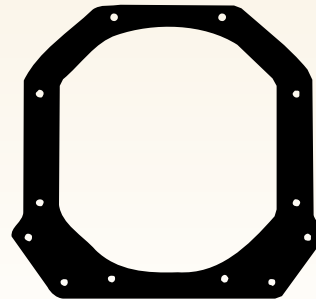
Corvette

MODEL	YEAR
Corvette	63-79

RATIO	PART NO.	TEETH
3.08	49-0097-1	40-13
3.36	49-0139-1	37-11
3.55	49-0021-1	39-11
3.70	49-0023-1	37-10
3.90	49-0031-1	39-10
4.11	49-0025-1*	37-9



* When replacing a 2.41 to 3.70 with a Richmond Ring and Pinion, the carrier must be replaced with a carrier from a stock 4.10 or numerically higher.



- 10-1/8" x 9-29/32"
- Irregular Housing 12 Holes
- 1.625" Diameter Pinion
- 30 Splines

INSTALLATION KIT/HALF KIT

PART NO.

- 83-1024-1
- 83-1024-B Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil



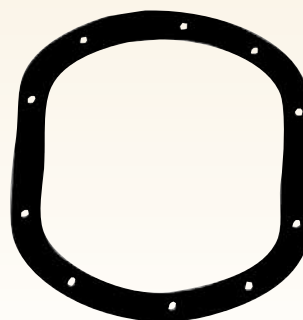


Winners Run RICHMOND!

Ring and Pinion Sets

Dana 30

MODEL	YEAR
American Motors	
Eagle (Front)	80-88
Ford	
Aerostar (Rear)	86-91
Bronco (Front)	67-71
International	
Scout (Front)	68-77
Jeep	
CJ (Front)	71-86
Jeepster (Front)	72-73
Wrangler TJ	97-06**
Wagoneer (Front)	71-73
ZJ	
Grande Cherokee (Front)	92-96
Grande Cherokee (Front)	96-98**
<i>(92-96 ZJ - must use with our complete Master Kit - see application guide)</i>	



RATIO	PART NO.	CARRIER	TEETH
3.54	SD3002*	2	39-11
3.73	SD3003*	3	41-11
4.10	SD3004*	3	41-10
4.56	SD3005*	3	41-9
**4.56	SD30J04*	3	41-9
4.88	SD3006*	3	39-8
**4.88	SD30J05*	3	39-8

NOTES: 2 fits cases 3.54 and numerically lower carrier; 3 fits 3.73 and numerically higher carrier.

** TJ Style Dana 30 only

*SPORTSMAN Brand

- 9-3/16" x 8-3/4"
- 10 Bolt
- 10 Holes Oval
- 7.2 Inch Diameter Ring Gear
- 1.376 Pinion Stem
- 26 Splines

INSTALLATION KIT

PART NO.

- 83-1058-1 (All Except ZJ/TJ Frt.)
- 83-1056-1 (TJ Style Only)
- R30FRMKT (92-96 ZJ Style Only)

SPOOLS

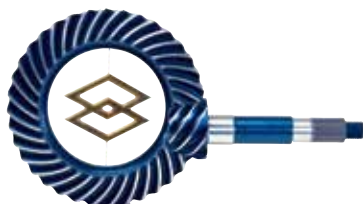
PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory



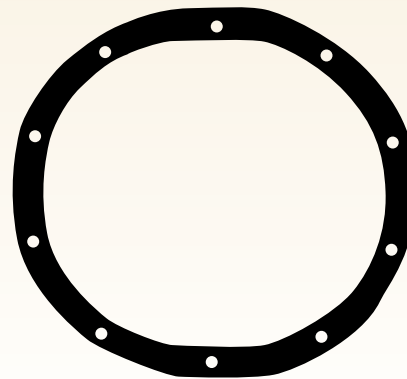


Winners Run RICHMOND!

Ring and Pinion Sets

Dana 35

MODEL	YEAR
AMC Various	70-88
Dodge	
Dakota (Front)	97-99
Durango (Front)	97-99
Ford	
Ranger (Front)	98-11
Explorer (Front)	95-05
Jeep	
Cherokee (Rear)	84-01
Comanche (Rear)	86-92
Wrangler (Rear)	87-06
Grand Cherokee	92-04



RATIO	PART NO.	CARRIER	TEETH
3.55	SD3501*		39-11
3.73	SD3502*		41-11
4.10	SD3503*		41-10
4.56	SD3504*		41-9
4.88	SD3505*		39-8

- 7.562" Diameter Ring Gear
- 1.376" Diameter Pinion
- 8 7/16" x 20 RH Threaded Bolts
- 26 Splines

NOTES: fits cases 3.54 and numerically higher.

*SPORTSMAN Brand

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.
83-1060-1
83-1060-B Half-Kit

SPOOLS

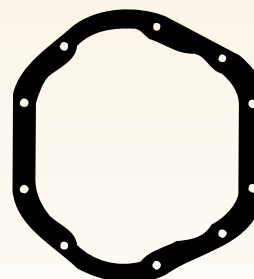
PART NO.	SPLINE	CARRIER
Contact Factory		

SPOOL BEARING KIT

PART NO.
Contact Factory



MODEL	YEAR
Dodge	
Ramcharger Trailduster W100, W150 (Front), Ram 1500	74-93
69-02	
W200, W250 (Front), Ram 2500	
69-02	
W300, W350 (Front)	69-74
Ford	
Bronco & U100 (Front)	70-77
Cobra	63-67
4x4 F100, F150 (Rear)	62-69,
77-79	
4x2 F100, F150 (Rear)	59-68,
77-79	
F250	67-77
Thunderbird (Rear)	55-56
GM	
Corvette (Rear)	80-82
Chevrolet K-10, K-20 (Front)	67-79
Chevrolet K30, K35 (Front)	67-76
C10, C15 (Rear)	60-70
Blazer (Front)	75-79
International	
Scout (Front & Rear)	67-80
Models 100, 150, 200, 1100, 1200, 1210 (front & Rear)	66-75
Jeep	
Comanche (Rear)	86-92
Cherokee (Rear)	76-92
Grand Wagoneer (Front)	84-92
Jeep C101 (Rear)	67-72
Jeep CJ5 (Front & Rear)	67-75
Jeep CJ7 (Front & Rear)	67-75
Jeep Wagoneer (Front & Rear)	68-83
J10, J20 (Front)	74-86
Jeepster (Rear)	72-73
Scrambler (Rear)	72-75
Wagoneer (Front)	74-83
Wagoneer (Rear)	72-79
TJ (Rear)	97-06



- 9-3/8" x 10-1/4"
- Irregular Cover
- 10 Holes
- 10 Bolt
- 8.5" Diameter Ring Gear
- 1.376" Diameter Pinion
- 26 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1033-1 / 83-1033-B (Half Kit)

SPOOLS

PART NO.	SPLINE	CARRIER
81-4430-1	30	3.92 Up
81-4430X-1	30	3.73 Down

SPOOL BEARING KIT

PART NO.

29-0007-1

MINI-SPOOLS

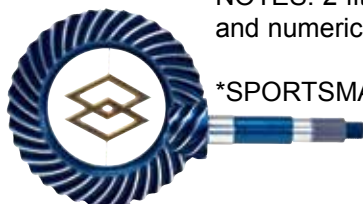
PART NO.	SPLINE
78-4430-1	30

Cross Shaft Pin
CSPD44

RATIO	PART NO.	TEETH	CARRIER
3.54	SD4402*	39-11	2
3.73	SD4403*	41-11	2
4.10	69-0216-1	41-10	3
4.56	69-0218-1	41-9	3
4.88	SD4406*	39-8	3
5.13	SD4407*	41-8	3
5.38	SD4408*	43-8	3

NOTES: 2 fits 3.07-3.73 carrier; 3 fits 3.92 and numerically higher carrier.

*SPORTSMAN Brand





Winners Run RICHMOND!

Ring and Pinion Sets

Dana 44 Reverse

MODEL	YEAR
Bronco (Front)	78-96
F100, F150 (Front)	76-96
F250 (Front)	77-88
F350 (Front)	81-85

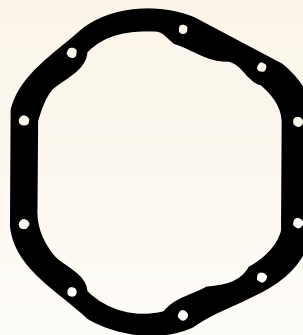


RATIO	PART NO.	CARRIER	TEETH
3.54R	SD44R02*	2	39-11
3.73R	SD44R03*	2	41-11
4.10R	SD44R04*	3	41-10
4.56R	SD44R05*	3	41-9
4.88R	SD44R06*	3	39-8
5.13R	SD44R07*	3	41-8
5.38R	SD44R08*	3	43-8

Pinion stem enters the case above the centerline of the axles.

NOTES: 2 fits 3.07-3.73 carrier; 3 fits 3.92 and numerically higher carrier.

* SPORTSMAN Brand



- 9-3/8" x 10-1/4"
- Irregular Cover
- 10 Bolt Holes
- 10 Bolts
- 8.5" Diameter Ring Gear
- 1.376" Diameter Pinion
- 26 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1033-1 / 83-1033-B (Half Kit)

SPOOLS

PART NO.	SPLINE	CARRIER
81-4430-1	30	3.92 Up
81-4430X-1	30	3.73 Down

MINI-SPOOLS

PART NO.	SPLINE	PIN NO.
78-4430-1	30	CSPD44

NOTE: All spools require C-clip eliminator kit

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil



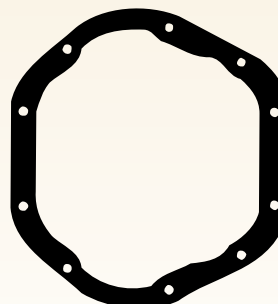


Winners Run RICHMOND!

Ring and Pinion Sets

Dana 60

MAKE	YEAR
Chevrolet	
K30, K35, K3500 (Front)	77-02
C20, C25 (Rear)	65-72
G30-G35 (Rear)	73-91
Chrysler	
Dodge w/Hemi Engines	66-73
Plymouth w/Hemi Engines	66-73
Dodge/Ply W200, W2500 (Front)	75-02
Dodge/Ply W300, W3500 (Front)	75-02
Dodge/Ply W200, W2500 (Rear)	69-02
Dodge/Ply D200, D2500 (Rear)	69-03
Dodge/Ply D300, D3500 (Rear)	69-03
Ford	
F250 (Front)	67-76
F250, E250 (Rear)	66-86
F350, E350 (Rear)	66-86
E250, E300, E350 (Rear)	66-Present
Jeep	
J10 (Rear)	66-84



- 12-1/8"
- Irregular Cover
- 10 Holes
- 12 Bolt
- 9.750" Diameter Ring Gear
- 1.626" Diameter Pinion
- 29 Splines

RATIO	PART NO.	TEETH	CARRIER
3.54	49-0129-1	39-11	2
3.73	49-0130-1	41-11	2
4.10	69-0052-1	41-10	3
4.56	69-0053-1	41-9	3
4.88	69-0054-1	39-8	3
5.13	69-0057-1	41-8	3
5.38	69-0146-1	43-8	3

2 - Fits 3.07 - 4.10 carrier.

3 - Fits 4.56 and numerically higher carrier.

Note: Machined for shims; not crush sleeve type.

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1034-1

83-1034-B Half-Kit

*PRO GEAR

RATIO PART NO. TEETH

4.10	79-0011-1	41-10
4.56	79-0077-1	41-9
4.88	79-0068-1	39-8
5.13	79-0025-1	41-8
5.38	79-0013-1	43-8
6.17	79-0041-1	37-6
6.50	79-0037-1	39-6

* Fits 4 series carrier only.

* Pro Gears are specifically designed for drag race only.





Winners Run RICHMOND!

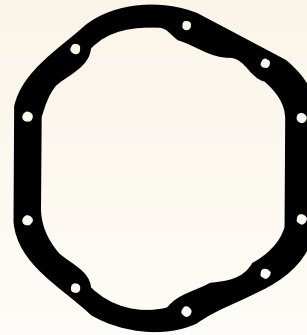
Ring and Pinion Sets

Dana 60 Reverse

MODEL	YEAR
Excursion	02-05
F250 (Front)	78-79, 02-present
F350 (Front)	78-present
F450 (Front)	99-present
F550 (Front)	99-Present



RATIO	PART NO.	TEETH
4.10R	SD60R03*	41-10
4.56R	SD60R04*	41-9
4.88R	SD60R05*	39-8



NOTE: Pinion stem enters the case above the centerline of the axles.

NOTE: 4.10, 4.56 and 4.88 fit 3.07 - 4.10 carrier.

NOTE: F450 & F550 must use F350 4.10 case.

*SPORTSMAN Brand

- 12-1/8"
- Irregular Cover
- 10 Holes
- 12 Bolt
- 9.750" Diameter Ring Gear
- 1.626" Diameter Pinion
- 29 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1034-1

83-1034-B Half Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil





Winners Run RICHMOND!

Ring and Pinion Sets

Dana 80

MODEL	YEAR
Chevy/GMC K3500	92-02
Chevy/GMC P30	92-99
Dodge 2500/3500	94-02
Ford E350	96-99
Ford F350	99-11
Ford F450	87-04
Ford F550	99-04



RATIO	PART NO.	CARRIER	TEETH
3.54	49-0157-1	3	46-13
3.73	49-0158-1	3 or 4*	41-11
4.10	69-0447-1	4	41-10

*NOTES:

Chevy/GMC/Dodge/(Ford up to 98 most):
3 fits 3.54-3.73 carrier; 4 fits 4.10 and
numerically higher carrier.

Ford OE 99+ most:
3 fits 3.54 carrier; 4 fits 3.73 and numeri-
cally higher carrier.

INSTALLATION KIT/HALF KIT

PART NO.

83-1068-1	97 & earlier
83-1068-B	Half Kit
83-1069-1	98 & later
83-1069-B	Half Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

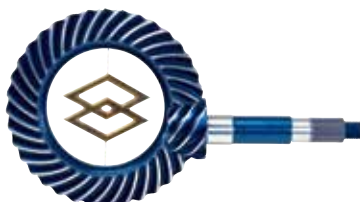
PART NO.

Contact Factory

For Maximum Protection and
Performance use
Part # LUBE (pg 125)



RICHMOND GEAR Synthetic
Gear Oil



Pinion stem enters the case above the
centerline of the axles.

NOTES: 2 fits 3.07-3.73 carrier; 3 fits 3.92
and numerically higher carrier.

* SPORTSMAN Brand

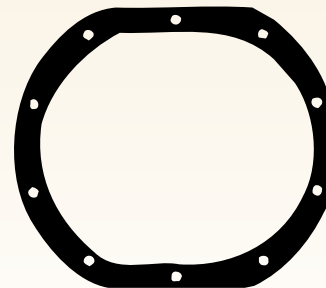


Winners Run RICHMOND!

Ring and Pinion Sets

Ford 7.5

MAKE	YEAR
All Compact & Intermediate	78-97
Aerostar	90-95
Bobcat	75-80
Bronco II	84-90
Capri	79-86
Fairmont	78-86
Ford Full Size	78-86
Granada	81-82
Mercury Full Size	79-86
Monarch	79-80
Mustang 4 & 6 cyl	79-Present
Mustang 8 cyl	78-85
Ranger	83-Present
Thunderbird	80-97
Zephyr	79-83



RATIO	PART NO.	TEETH
3.73	49-0043-1	41-11
4.10	69-0318-1*	41-10
4.56	69-0320-1*	41-9

- 10-3/4" x 9-9/16"
- Oval Cover
- 10 Holes
- 7.50" Diameter Ring Gear
- 1.626" Diameter Pinion
- 28 Splines

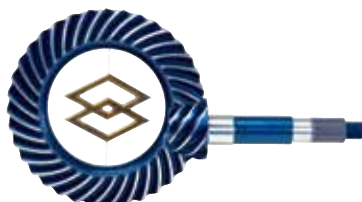
* Special Cross Shaft Pin 80-0271-1 required.
This pin will not fit Auburn carrier.

INSTALLATION KIT/HALF KIT

PART NO.	
83-1045-1	
83-1045-B	Half-Kit

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil



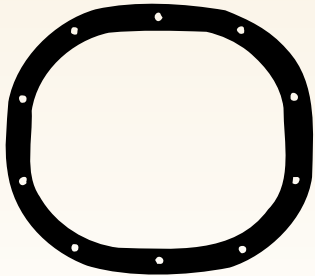


Winners Run RICHMOND!

Ring and Pinion Sets

Ford 8

MAKE	YEAR
Bobcat	75-80
Comet	63-71
Cougar	67-79
Fairlane	64-74
Fairmont	75-79
Falcon	64-70
Granada	75-79
Maverick	71-78
Monarch	74-80
Mustang	64-78
Pinto	74-80
Torino	71-74
Zephyr	78



RATIO	PART NO.	TEETH
3.00	49-0100-1	39-13
3.55	49-0101-1	39-11
3.80	49-0111-1	38-10
4.11	69-0064-1	37-9
4.62	69-0065-1	37-8

- 11"
- Oval Housing
- 10 Holes
- 10 Bolt
- 8" Diameter Ring Gear
- 1.188" Diameter Pinion
- 25 Splines

INSTALLATION KIT/HALF KIT

PART NO.
83-1015-1
83-1015-B Half-Kit

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil





Winners Run RICHMOND!

Ring and Pinion Sets

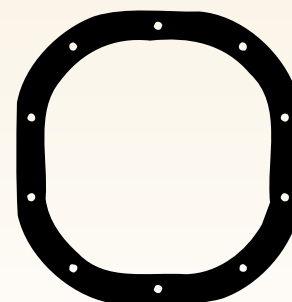
Ford 8.8

MODEL	YEAR
Aerostar	89-97
Bronco	84-91
Capri V8	86
Cougar	88-97
E150	87-06
Explorer	90-Present
Expedition 4.6L	97-05
F-150	81-Present
Full Size Car	82-Present
Marauder	03-04
Mustang V8	86-Present
Thunderbird	87-97
Ranger	90-Present



STREET/STRIP & OFF-ROAD		
RATIO	PART NO.	TEETH
3.55	49-0103-1	39-11
3.73	49-0104-1	41-11
3.89	69-0311-1	35-9
4.10	69-0310-1	41-10
4.33	69-0376-1	39-9
4.56	69-0312-1*	41-9
4.88	69-0382-1*	39-8

* Special Cross Pin required:
 Use 80-0273-1 All (except below)
 Use 80-0279-1 87+ trucks & 31 spline axle cars



- 10-9/16" x 10-3/16"
- Oval Cover
- 10 Holes
- 8.8" Diameter Ring Gear
- 1.626" Diameter Pinion
- 30 Splines

DRAG ONLY - PRO GEAR		
RATIO	PART NO.	TEETH
3.75	79-0127-L	45-12
4.11	79-0128-L	37-9
4.29	79-0131-L	30-7

MINI-SPOOLS

PART NO.	SPLINE
78-8828-1	Early 28
78-8831-1	Late 31
Cross Shaft Pin	
CSPF88E	
CSPF88L	

SPOOLS

PART NO.	SPLINE	CARRIER
81-8831-1	31	
81-8833-1	33	
81-8835-1	35	

SPOOL BEARING KIT

PART NO.
29-0005-1

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.	
83-1043-1	
83-1043-M	
83-1043-B	Half-Kit

NOTE: All spools require C-clip eliminator kit





Winners Run RICHMOND!

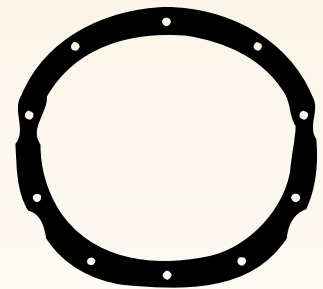
Ring and Pinion Sets

Ford 9

MODEL	YEAR
All Light Trucks	57-87
Bronco	67-86
Comet	63-72
Cougar	65-73
F-100, F-150	57-86
E-100, E-150	57-86
E-200	68-74
Ford Full Size	57-78
Fairlane	62-73
Granada	75-80
LTD II	71-79
Monarch	75-80
Montego	68-76
Mustang	65-73
Torino	71-70
Versailles	77-80

RATIO	PART NO.	TEETH
2.91	49-0121-1	32-11
2.94	49-0105-1	47-16
3.00	49-0038-1	39-13
3.07	49-0092-1	43-14
3.15	69-0268-1	41-13
3.25	69-0284-1	39-12
3.45	69-0414-1	38-11
3.50	49-0027-1	35-10
3.55	69-0195-1	39-11
3.70	69-0443-L*	37-10
3.70	69-0361-1	37-10
3.80	69-0442-L*	38-10
3.82	69-0286-1	42-11
3.89	69-0177-1	35-9
4.00	69-0272-1	36-9
4.11	69-0179-1	37-9
4.22	69-0367-1	38-9
4.33	69-0161-1	39-9
4.44	69-0368-1	40-9
4.50	69-0369-1	36-8
4.56	69-0185-1	41-9
4.63	69-0379-1	37-8
4.71	69-0362-1	33-7
4.86	69-0067-1	34-7
5.00	69-0360-1	30-6
5.14	69-0068-1	36-7
5.29	69-0270-1	37-7
5.43	69-0069-1	38-7
5.67	69-0070-1	34-6
5.83	69-0288-1	35-6
6.00	69-0199-1	30-5
6.20	69-0290-1	31-5
6.33	69-0276-1	38-6
6.50	69-0197-1	39-6
6.60	69-0441-L*	33-5
6.80	69-0417-L*	34-5
7.00	69-0418-L*	35-5
7.20	69-0419-L*	36-5
7.40	69-0420-L*	37-5

** L = Lightend Weight



- 11-3/4"
- Oval Housing
- 10 Holes
- 10 Bolt
- 9.00" Diameter Ring Gear
- 1.313" Diameter Pinion
- 28 Splines

INSTALLATION KIT/HALF KIT

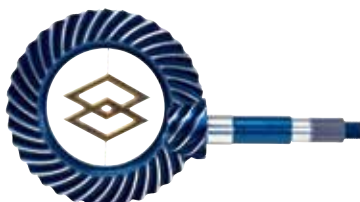
PART NO.	CARRIER BRG.
83-1011-1	2.891
83-1013-1	3.062
83-1003-1	3.062 - HRW
83-1005-1	3.250 - HRW
83-1007-1	31 Spline Trk. Lck./3.062
83-1009-1	28 Spline Trk. Lck./2.891
83-1011-B	Half-Kit

MINI-SPOOLS

PART NO.	SPLINE
78-0928-1	28
78-0931-1	31
Cross Shaft Pin	
CSPF9	

SPOOL BEARING KIT

PART NO.	CASE
29-0002-1	2.891
29-0004-1	3.062
29-0003-1	3.250
29-0011-1	3.812



SPOOLS - STEEL

PART NO.	SPLINE	BORE SIZE	PRESSURE ANGLE
81-0928-1	28	2.891/3.062 case	45
81-0931-1	31	2.891/3.062 case	45
81-0933-1	33	2.891/3.062 case	45
81-0935-3	35	3.250 case	30
81-0935x-1	35	2.891/3.062 case	30





Winners Run RICHMOND!

Ring and Pinion Sets

Ford 9.75

MODEL	YEAR	RATIO	PART NO.	TEETH
Ford		3.73	49-0152-1	41-11
E150	97-06	4.10	69-0443-1	41-10
Expedition	97-10	4.56	69-0445-1	41-9
F150	97-10			
F250 LD	97-99			

Lincoln

Blackwood	2002
Mark LT	06-08
Navigator	98-11

INSTALLATION KIT

PART NO.	
83-1050-1	97-99
83-1050-B	Half-Kit
83-1049-1	99-11
83-1049-B	Half-Kit





Winners Run RICHMOND!

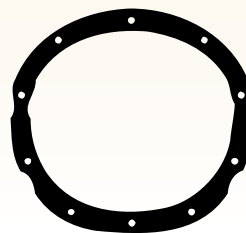
Ring and Pinion Sets

Ford 9 PRO GEAR*

*PRO GEAR

RATIO	PART NO.	TEETH	
3.40	79-0001-1**	34-10	NEW
3.50	79-0002-1**	35-10	NEW
3.60	79-0003-1**	36-10	NEW
3.70	79-0004-1**	37-10	NEW
3.89	79-0043-1**	35-9	
4.11	79-0045-1**	37-9	
4.29	79-0079-1**	30-7	
4.57	79-0080-1**	32-7	
4.71	79-0070-1**	33-7	
4.86	79-0060-1**	34-7	
4.86	79-0066-1□	34-7	
5.00	79-0078-1□	30-6	
5.14	79-0017-1□	36-7	
5.29	79-0069-1□	37-7	
5.43	79-0005-1□	38-7	
5.67	79-0007-1□	34-6	
5.83	79-0019-1□	35-6	
6.00	79-0021-1□	30-5	
6.20	79-0023-1□	31-5	
6.50	79-0054-1□	39-6	

** Special pinion support - 35 SPL
□ 28 Spline



* Pro Gears are specifically designed for drag race only.

Ford 9.5 PRO GEAR*

*PRO GEAR

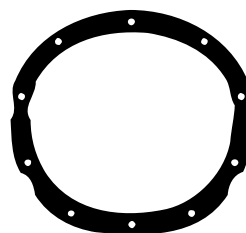
	RATIO	PART NO.	TEETH
1	4.11	79-0097-1	37-9
1	4.29	79-0098-1	30-7
1	4.57	79-0101-1	32-7
2	5.00	79-0108-L	30-6
2	5.11	79-0110-L	46-9
2	5.17	79-0112-L	31-6
2	5.20	79-0111-L	26-5

1 35 Spline Pinion Stem
2 28 Spline Pinion Stem

For Maximum Protection and Performance use Part # LUBE (pg 125)



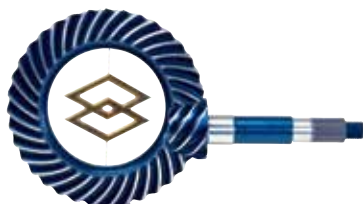
RICHMOND GEAR Synthetic Gear Oil



- Stem Size 1-7/8"
- 35 Spline & 28 Spline
- 10 Holes
- 20 Bolt
- 9.25 Diameter Ring Gear

Housing must be modified to allow larger ring gear to fit.

* Pro Gears are specifically designed for drag race only.





Winners Run RICHMOND!

Ring and Pinion Sets

GM Late Camaro 7.6"

MODEL	YEAR
Camaro V6	2010-Present

INSTALLATION KIT

PART NO.

83-1079-1

83-1079-B Half-Kit

RATIO	PART NO.	
3.55	49-0192-1	V6

GM Late Camaro 8.6"

MODEL	YEAR
Camaro V8	2010-Present

INSTALLATION KIT

PART NO.

83-1077-1

83-1077-B Half-Kit

RATIO	PART NO.	
3.73	49-0187-1	V8
4.10	69-0492-1	V8
4.11*	89-0003-1	V8
4.33	69-0493-1	V8

* Special Heavy-Duty Road Race Cut





Winners Run RICHMOND!

Ring and Pinion Sets

GM Pontiac G8

MAKE **YEAR**

Pontiac G8 08-09

RATIO **PART NO.** **TEETH**

3.55 49-0201-1 39-11

INSTALLATION KIT

PART NO.

83-1087-1

83-1087-C Half-Kit

For Maximum Protection and
Performance use
Part # LUBE (pg 125)



RICHMOND GEAR Synthetic
Gear Oil

GM Pontiac Late GTO

MAKE **YEAR**

Pontiac GTO 04-06

RATIO **PART NO.** **TEETH**

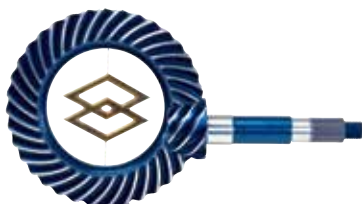
3.90 69-0461-1 39-10

INSTALLATION KIT

PART NO.

83-1090-1

83-1090-B Half-Kit





Winners Run RICHMOND!

Ring and Pinion Sets

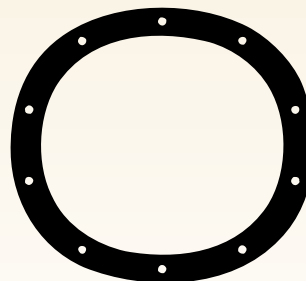
GM 7.5 & 7.625

MODEL	YEAR
GM Models	77-05
Astro & Safari	82-05
Bravada	91-04
Buick Full Size	77-85
Camaro	82-02
Century	78-81
Chevy Full Size Car	77-96
Cutlass	78-87
El Camino	77-87
Firebird, Trans-Am, Z28	82-02
Grand Prix	78-87
Monte Carlo	78-87
Olds Full Size	77-89
Omega	75-79
Pontiac Full Size	77-89
Phoenix	78-81
Regal	78-87
Skylark	76-79
S10, S15 (Rear)	82-04
Ventura	78-81
Isuzu Rodeo	89-93

Will not fit OE Vega or Monza type models

RATIO	PART NO.	TEETH	CARRIER
2.73	49-0048-1	41-15	2
3.08	49-0001-1	40-13	2
3.23	49-0044-1	42-13	3
3.23	49-0003-1	42-13	2
3.42	49-0045-1	41-12	3
3.42	49-0005-1	41-12	2
3.73	49-0046-1	41-11	3
3.73	49-0007-1	41-11	2
3.90	49-0284-1	39-10	3
3.90	49-0285-1	39-10	2
• 4.10	69-0322-1	41-10	3
• 4.10	49-0009-1	41-10	2
• 4.56	69-0324-1	41-9	3*
• 4.56	69-0326-1	41-9	2*

* Special Cross Pin 80-0270-1 required.
 2 Fits 3.08 and numerically lower carrier.
 3 Fits 3.23 and numerically higher carrier.
 • Will not fit on Torsen differential.
 • For use in factory carrier only. Not for Mini Spool or Torsen differential.



- 8-5/16" x 10-9/16"
- Oval Cover
- 10 Holes
- 10 Bolt
- 7.5" & 7.625" Diameter Ring Gear
- 1.438" Diameter Pinion
- 27 Splines

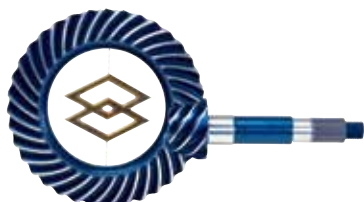
INSTALLATION KIT/HALF KIT

PART NO.	
83-1016-1	77-81
83-1044-1	82-98
83-1016-M	77-81
83-1044-M	82-98
83-1044-B	Half Kit

MINI-SPOOLS

PART NO.	SPLINE
• 78-7526-1	26
Cross Shaft Pin	CSPGM75

- Will not fit 7.625 carrier





Winners Run RICHMOND!

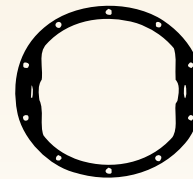
Ring and Pinion Sets

GM 8.2 (65-72)

MAKE	YEAR
Camaro	67-71
Caprice	65-71
El Camino	64-71
Impala	65-72
Monte Carlo	70-72
Nova, Chevy II, Chevelle	64-72
Sprint	71-72



RATIO	PART NO.	TEETH
3.08	49-0011-1	37-12
3.36	49-0013-1	37-11
3.55	49-0015-1	39-11
3.73	49-0112-1	41-11
4.11	69-0159-1	37-9
4.56	69-0028-1	41-9



Fits 3.08 + carrier.
Use Crush Sleeve from GM 7-1/2 - 10B or 8.2 - 10B Pontiac

- 11"
- Oval Cover
- 10 Holes
- 10 Bolt
- 8.20" Diameter Ring Gear
- 1.438" Diameter Pinion
- 25 Splines

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1022-1	
83-1022-M	
83-1022-B	Half Kit

MINI-SPOOLS

PART NO.

SPLINE

78-8228-1	28
Cross Shaft Pin	
CSPGM82	





Winners Run RICHMOND!

Ring and Pinion Sets

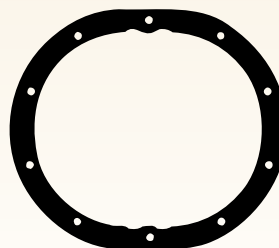
GM 8.2 Drop Out (Early)

MAKE	YEAR
Chevrolet	55-64
Corvette	55-62

RATIO	PART NO.	TEETH
3.55	49-0052-1*	39-11
3.73	49-0099-1*	41-11



* Fits 3.08 to 3.70 carrier.
** Fits 4.11 to 4.56 carrier.



- 11-5/16"
- Oval Housing
- 10 Holes
- 10 Bolt
- 8.20" Diameter Ring Gear
- 1.438" Diameter Pinion
- 17 Splines

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1052-1

83-1052-B Half-Kit





Winners Run RICHMOND!

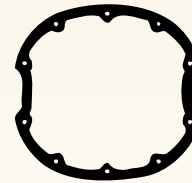
Ring and Pinion Sets

GM 8.2 B or P Axle

MAKE	YEAR	
Olds F-85	64-70	
Tempest/GTO	64-71	
Firebird	67-71	
RATIO	PART NO.	TEETH
3.55	49-0082-1	39-11
3.90	49-0084-1	39-10



Use higher series carrier when replacing 2.56, 2.79, 2.93, 3.08 and 3.23 ratios.
Use 3.36+ carrier - 3/8" holes.



- Bottom: 10-5/8"
- Irregular Cover
- 10 Holes
- 10 Bolt
- 8.20" Diameter Ring Gear
- 1.438" Diameter Pinion
- 27 Splines
- "B" or "P" Axle Only

INSTALLATION KIT/HALF KIT

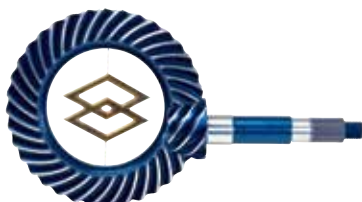
PART NO.

83-1040-1
83-1040-B Half Kit

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil



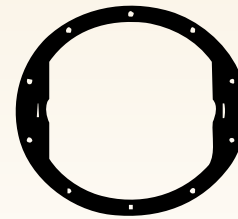


Winners Run RICHMOND!

Ring and Pinion Sets

GM 8.5 & 8.625

MAKE	YEAR
Buick Full Size	77-96
Blazer (K Series Front)	77-91
Apollo, Regal, Century	73-77
Biscayne	71-74
Grand National	84-87
Skylark, GS	71-75, 77-79
Chevelle	70-76
Chevy Full Size	71-96
Chevy II, Nova	70-79
Camaro, Firebird, TA	71-81
Cutlass	71-77
Electra	76-78
Gran Sport	73-77
GTO, Firebird	70-81
LeSabre	73-74
Olds Full Size	71-89
Olds, Hurst	85-88
Pontiac Full Size	71-89
Hurst Olds	85-88
Omega	73-75, 77-79
Grand Prix, Lemans	71-77
Roadmaster	71-74, 91-96
Ventura, Phoenix	71-77
Z28	72-81
Olds F-65	70-76
C10, C15 (Rear), 1500	80-Present
K10, K15 (Rear), 1500	80-Present
K10, K20 (Front)	77-87
Suburban (Rear)	80-Present
Suburban (Front)	77-91
El Camino	73-76
G10, G20 Van, Express 1500	70-Present
Hummer H3	05-10
Escalade	02-11
Avalanche 1500	02-Present
Tahoe	00-Present
Yukon	00-Present



- 11"
- Oval Cover
- 10 Holes
- 8.50" & 8.625" Diameter Ring Gear
- 1.626" Diameter Pinion
- 30 Splines

RATIO	PART NO.	TEETH
3.08	49-0017-1	40-13
3.23	49-0019-1	42-13
3.42	49-0278-1	41-12
3.70	49-0033-1	37-10
3.73	49-0041-1	41-11
3.90	49-0034-1	39-10
4.10	69-0165-1	41-10
4.56	69-0167-1	41-9
4.88	69-0169-1	39-8
5.13	69-0171-1	41-8
5.38	69-0173-1*	43-8
5.57	69-0175-1*	39-7

SPOOL BEARING KIT INSTALLATION KIT/HALF KIT

PART NO.	PART NO.
29-0013-1 (28 Spline)	83-1021-1 (Car & Truck rear)
29-0006-1 (30 Spline)	(Truck rear thru 1998)
	83-1020-1 (Front)
	83-1021-M (Car Only)
	83-1021-TE (Truck 73-87)
	83-1020-B Half Kit
	83-1021-B Half Kit

SPOOLS

PART NO.	SPLINE
81-1028-1	28
81-1030-1	30

• Does not fit 8.6 carrier.

MINI-SPOOLS

PART NO.	SPLINE
78-1028-1	28
Cross Shaft Pin	
CSPGM85	

* Cross Pin 80-0272-1 required.
When replacing a stock 2.56 and numerically lower, the carrier must be replaced with a carrier of 2.73 or higher.



NOTE: All spools require C-clip eliminator kit



Winners Run RICHMOND!

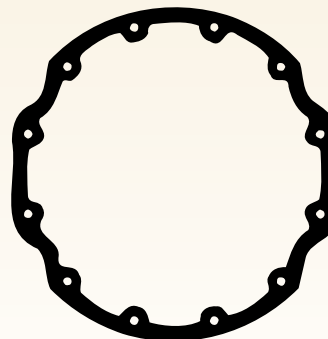
Ring and Pinion Sets

GM 8.5 "O" Axle

MAKE	YEAR
Cutlass	68-70
442	68-70

RATIO	PART NO.	TEETH
3.42	49-0049-1	41-12
3.90	49-0050-1	39-10
4.10	69-0328-1	41-10

Fits 2.93-3.23 ratio carrier.



- 10-3/8" x 11"
- Irregular Cover
- 12 Holes
- 10 Bolt
- 8.5" Diameter Ring Gear
- 1.626" Diameter Pinion
- 27 Splines
- "O" Axle Only
- 12 Bolt Cover
- 10 Bolt Gear

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1088-1

83-1088-C Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory





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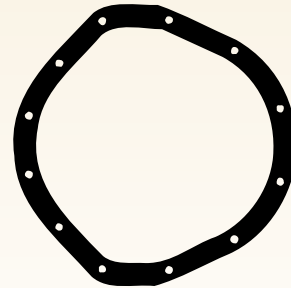
Ring and Pinion Sets

GM 8.875 Truck

MAKE	YEAR
Blazer	64-82
C10	64-82
C15	64-82
K10 (Rear)	64-82
K20 (Rear)	64-82
G10, G15	64-81
G20, G25	69-81



RATIO	PART NO.	TEETH	CARRIER
3.08	49-0068-1	40-13	3
3.42	49-0070-1	41-12	3
3.73	49-0072-1	41-11	3
3.73	49-0280-1	41-11	4
4.10	69-0204-1	41-10	4
4.10	69-0350-1	41-10	3
4.56	69-0206-1	41-9	4
4.56	69-0352-1	41-9	3
4.88	69-0298-1	39-8	4
5.13	69-0300-1	41-8	4
5.38	69-0302-1	43-8	4



- 11-1/2"
- Irregular 12 Holes
- Truck 12 Bolt Cover
- 8.875" Diameter Ring Gear
- 1.438" Diameter Pinion
- 30 Splines

When installing 5.13 and 5.38 ratio sets, differential cross shaft #80-0269-1 must be used.

Note: For use with factory carrier only. Not for use with Mini-Spool

3 - Fits 3.40 ratio and numerically lower carrier.

4 - Fits 3.73 ratio and numerically higher carrier.

Will not fit 2.56 & 2.73 carrier on 80-83 Truck and Blazer

INSTALLATION KIT/HALF KIT

PART NO.

83-1018-1
83-1018-M
83-1018-B

Half Kit

SPOOLS

PART NO. SPLINE CARRIER

81-1230T-1 30 4

SPOOL BEARING KIT

PART NO.

29-0005-1

MINI-SPOOLS

PART NO. SPLINE

78-1230-1 30
Cross Shaft Pin
CSPGM2

NOTE: All spools require C-clip eliminator kit

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil





Winners Run RICHMOND!

Ring and Pinion Sets

GM 8.875 "C" Axle, Car

MAKE	YEAR
Chevrolet	64-72
Chevy II	64-72
Chevelle	64-72
Camaro	67-72
El Camino	65-72
Firebird	67-72
Grand Prix	70-72
GTO, Lemans	65-72
Monte Carlo	70-72
Nova	70-72
Olds F85	68-70

RATIO	PART NO.	TEETH	CARRIER
3.08	49-0094-1	40-13	3
3.42	49-0113-1	41-12	3
3.55	49-0095-1	39-11	3
3.73	49-0039-1	41-11	3
3.73	49-0096-1	41-11	4
3.90	49-0040-1	39-10	3
3.90	49-0088-1	39-10	4
4.10	69-0304-1	41-10	3
4.10	69-0031-1	41-10	4
4.33	69-0378-1	39-9	4
4.56	69-0306-1	41-9	3
4.56	69-0032-1	41-9	4
4.88	69-0033-1	39-8	4
5.14	69-0034-1	36-7	4
5.38	69-0035-1	43-8	4
5.86	69-0037-1	41-7	4
6.14	69-0038-1	43-7	4

When installing 5.14 to 6.14, differential pin #80-0269-1 must be used.

Note: For use with factory carrier only. Not for use with Mini-Spool

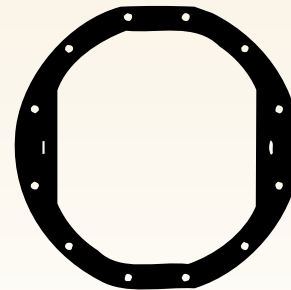
3 - Fits 3.07 to 3.73 ratio carrier.

4 - Fits 3.90 ratio and numerically higher carrier.

*PRO GEAR

RATIO	PART NO.	TEETH	CARRIER	
4.11	79-0099-1	37-9	4	NEW
4.33	79-0074-1	39-9	4	
4.56	79-0072-1	41-9	4	
4.88	79-0064-1	39-8	4	
5.14	79-0027-1	36-7	4	
5.38	79-0029-1	43-8	4	
5.57	79-0031-1	39-7	4	
5.86	79-0033-1	41-7	4	
6.14	79-0035-1	43-7	4	

* Pro Gears are specifically designed for drag race only.



- 10-7/8"
- Oval Cover 12 Holes
- 8.875" Diameter Ring Gear
- 1.625" Diameter Pinion
- 30 Splines
- "C" Axle Only

INSTALLATION KIT/HALF KIT

PART NO.

83-1019-1
 83-1019-M (will not fit "B" body)
 83-1019-B Half Kit

SPOOLS

PART NO. SPLINE CARRIER

81-1230-1 30
 81-1233-1 33

SPOOL BEARING KIT

PART NO.

29-0005-1

MINI-SPOOLS

PART NO. SPLINE

78-1230-1 30
 Cross Shaft Pin
 CSPGM12

NOTE: All spools require C-clip eliminator kit



Winners Run RICHMOND!

Ring and Pinion Sets

GM 9.3 "C" Axle

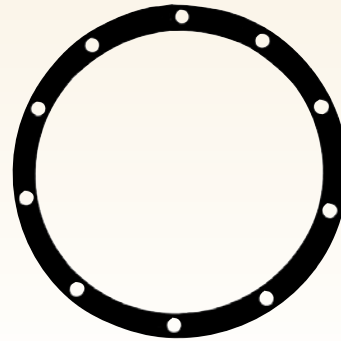
MAKE	YEAR
Oldsmobile	57-64
Pontiac	57-64



RATIO	PART NO.	TEETH	CARRIER
4.10	69-0006-1	41-10	
4.56	69-0008-1	41-9	
4.88	69-0009-1	39-8	

When replacing 3 23 and numerically lower ratios, the higher carrier must be replaced with a carrier 4.10 or higher.

- 10-3/16" x 11-13/16"
- Housing 10 Holes
- 12 Bolt
- 9.30" Diameter Ring Gear
- 1.876" Diameter Pinion
- 13 Splines



Nissan Titan

MODEL	YEAR
Titan - Rear	2008-Present

MODEL	YEAR
Titan - Front	2008-Present

RATIO	PART NO.
3.73	49-0180-1
4.10	69-0481-1

RATIO	PART NO.
3.73	49-0181-1
4.10	69-0482-1

INSTALLATION KIT

PART NO.
83-1085-1
83-1085-C Half-Kit

INSTALLATION KIT

PART NO.
Contact Factory





Winners Run RICHMOND!

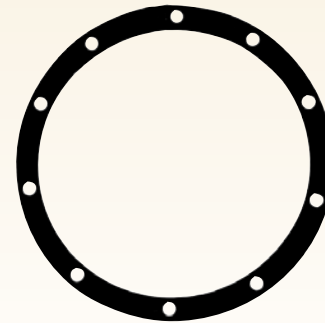
Ring and Pinion Sets

Toyota 7.5 IFS & Rear

MODEL	YEAR
4 Runner & Truck (Front)	86-95
T100 (Front)	93-96
Truck 2wd (Rear)	76-95



RATIO	PART NO.	TEETH
4.56	STY7502*	41-9
4.88	STY7503*	39-8
5.29	STY7504*	37-7
5.71	STY7505*	40-7



*SPORTSMAN Brand

INSTALLATION KIT/HALF KIT

PART NO.

83-1039-1 (Rear Only)
 83-1039-B Half Kit
 R11RIFMKT (Front)

- 8-3/8" x 9-3/32"
- 10 Holes Round
- RG Diameter 7.5"
- 10 - 11mm x 1mm RH Threaded Bolts
- 1.3785" Diameter Pinion
- 23 Splines

Toyota 8 Late High Pinion IFS

MODEL	YEAR
4 Runner (Front)	03-11
Tacoma (Front)	05-11
FJ Cruiser (Front)	07-11

RATIO PART NO.

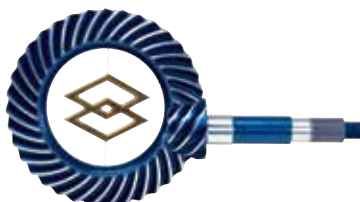
4.88 69-0500-1

* Fits 3.90+ ratio cases. When replacing 3.70 & lower ratios, must use 3.90+ case.

INSTALLATION KIT

PART NO.

Contact Factory





Winners Run RICHMOND!

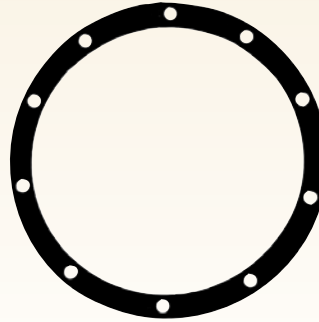
Ring and Pinion Sets

Toyota 8 (7.8)

MODEL	YEAR
4x4 Light Truck (Front & Rear)	79-85
4 Runner (Front & Rear)	79-85
4x4 (Rear)	86-95
4 Cylinder w/out Turbo (Rear)	76-95
4 Runner w/out Turbo (Rear)	86-89



RATIO	PART NO.	TEETH
4.10	STY802*	41-10
4.56	STY804*	41-9
4.88	STY805*	39-8
5.29	STY806*	37-7
5.71	STY807*	40-7



*SPORTSMAN Brand

- 8-3/8" x 9-3/32"
- 10 Holes Round
- RG Diameter 7.8"
- 10 - 11mm x 1mm RH Threaded Bolts
- 1.3785" Diameter Pinion
- 10 Bolt 3rd Member
- 27 Splines

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1030-1

83-1030-B Half Kit

SPOOLS

PART NO. SPLINE

81-T1030-1 30

SPOOL BEARING KIT

PART NO.

29-0009-1

NOTE: All spools require C-clip eliminator kit





Winners Run RICHMOND!

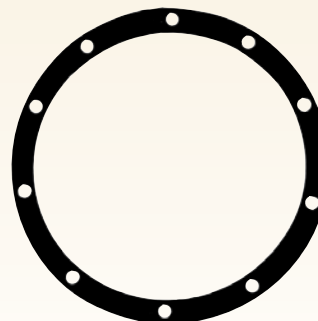
Ring and Pinion Sets

Toyota V-6

MODEL

YEAR

All with TRD Locked Rear**	95-Present
Toyota 4x4 V6 (Rear)	88-95
Toyota 4x4 w/Turbo (Rear)	87-95
Toyota 4 Runner (Rear)	
w/Turbo & V6*	84-Present
Celica Supra (Rear)	79-81
FJ Cruiser	07-Present



RATIO

PART NO.

TEETH

4.10	STYV602*	41-10
4.56	STYV603*	41-9
4.88	STYV604*	39-8
5.29	STYV605*	37-7
5.71	STYV606*	40-7

NOTE: Will not fit 3rd members that had factory 4.88 ratio, must replace with non-4.88 3rd member case

**NOTE: 2002+ models require use of earlier model 27 spline pinion yoke sold separately.

*SPORTSMAN Brand

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

- 8-3/8" x 9-3/32"
- 10 Holes Round
- RG Diameter 7.8"
- 10 - 11mm x 1mm RH Threaded Bolts
- 1.3785" Diameter Pinion
- 10 Bolt 3rd Member
- 27 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1046-1	Non-TRD
83-1046-B	Half Kit Non-TRD
R11RTACLMK	TRD Only

SPOOLS

PART NO. SPLINE

81-T1030-V	30
------------	----

SPOOL BEARING KIT

PART NO.

29-0012-1

NOTE: All spools require C-clip eliminator kit



Choose The Gear Ratio That Is Best For Your Vehicle

When selecting a Gear Ratio, you should consider the following:

1. Tire Size
2. Transmission Ratio
3. Final Gear Ratio
4. Engine RPM at Cruise Speed

The following formula has been developed to calculate the optimum final Gear Ratio to suit your application.

$$\frac{\text{M.P.H. X Gear Ratio}}{\text{Tire Diameter}} \times 336 = \text{RPM}$$

The chart shown below shows **RPM** calculations at **55 MPH** for various combinations of final **Gear Ratio** and **Tire Diameter**.

Gear Ratio	Tire Diameter																
	24	25	26	27	28	29	30	31	32	33	34	35	36	38	40	42	44
2.56	1972	1892	1820	1752	1690	1631	1577	1526	1478	1434	1391	1352	1314	1245	1183	1126	1075
2.73	2102	2018	1940	1869	1802	1740	1682	1627	1577	1529	1484	1441	1401	1328	1261	1201	1147
2.94	2264	2173	2090	2012	1942	1874	1811	1753	1698	1646	1599	1552	1509	1429	1358	1294	1235
3.08	2372	2277	2189	2108	2033	1963	1897	1836	1779	1725	1674	1626	1581	1498	1423	1355	1294
3.21	2472	2373	2282	2197	2119	2046	1977	1914	1854	1798	1745	1695	1648	1561	1483	1412	1348
3.31	2549	2447	2353	2266	2185	2110	2039	1973	1912	1854	1799	1748	1699	1610	1529	1456	1390
3.42	2633	2528	2430	2341	2257	2179	2107	2039	1975	1915	1859	1806	1756	1663	1580	1505	1436
3.54	2726	2617	2516	2423	2336	2256	2181	2110	2044	1982	1924	1869	1817	1722	1635	1558	1487
3.73	2872	2757	2651	2553	2462	2377	2298	2224	2154	2089	2027	1969	1915	1814	1723	1641	1567
3.90	3003	2883	2772	2669	2574	2485	2402	2325	2252	2184	2120	2059	2002	1897	1802	1716	1638
4.10	3157	3031	2914	2806	2706	2613	2526	2444	2368	2296	2228	2165	2105	1994	1894	1804	1722
4.27	3288	3156	3035	2923	2818	2721	2630	2545	2466	2391	2321	2255	2192	2077	1973	1879	1793
4.56	3511	3371	3291	3121	3010	2906	2809	2718	2633	2554	2478	2408	2341	2218	2107	2006	1915
4.88	3758	3607	3469	3340	3221	3110	3006	2909	2818	2733	2652	2577	2505	2373	2255	2147	2050
5.29	4073	3910	3760	3621	3491	3371	3259	3154	3055	2962	2875	2793	2716	2573	2444	2328	2222
5.38	4143	3977	3824	3682	3551	3428	3314	3207	3107	3013	2924	2841	2762	2616	2486	2367	2260
5.71	4397	4221	4058	3908	3769	3639	3517	3404	3298	3198	3104	3015	2931	2777	2638	2512	2398
6.17	4751	4561	4385	4223	4072	3932	3801	3678	3563	3455	3354	3258	3167	3001	2851	2715	2591
7.17	5521	5300	5096	4907	4732	4569	4417	4274	4141	4015	3897	3786	3681	3487	3313	3155	3011

How To Choose The Gear Ratio Based on Speed

When selecting a Gear Ratio, you need the following information:

1. Tire Size (diameter)
2. Final Transmission Ratio
3. Engine RPM at Cruise Speed

Formula to calculate Gear Ratio based on speed

$$\frac{\text{RPM X Tire Diameter}}{\text{MPH X 336}} = \text{Ratio}$$

Example: If you want to **Cruise** at 60 MPH at 2000 RPM and your **Tire Diameter** is 30", the **Gear Ratio** you need is a **3.00**

$$\frac{2000 \text{ RPM X } 30'' \text{ Tire Dia.}}{60 \text{ MPH X } 336} = 3.00$$





Winners Run RICHMOND!

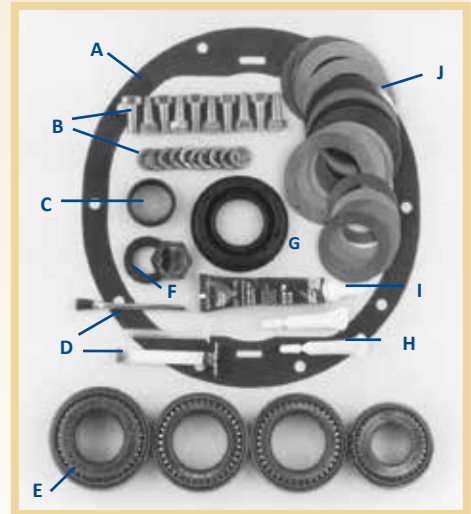
Installation Kits

Complete Kits

PRODUCT DESCRIPTION

PART NO.

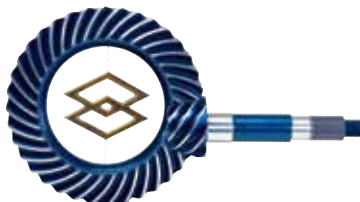
AMC 20	Complete Kit	83-1054-1
Chrysler 8.25	Complete Kit	83-1070-1
Chrysler 8.25 97-01 XJ Cherokee	Complete Kit	83-1071-1
Chrysler 8.75 Early	Complete Kit	83-1037-1
Chrysler 8.75 Late	Complete Kit	83-1031-1
Chrysler 9.25	Complete Kit	83-1041-1
CHRYSLER H226	Complete Kit	83-1086-1
Dana 30 - all except below	Complete Kit	83-1058-1
Dana 30 JK	Complete Kit	83-1084-1
Dana 30 TJ	Complete Kit	83-1056-1
Dana 35	Complete Kit	83-1060-1
Dana 36 - Corvette	Complete Kit	83-1057-1
Dana 44 - except below	Complete Kit	83-1033-1
Dana 44 - Corvette 80-82	Complete Kit	83-1073-1
Dana 44 - Corvette 84-96	Complete Kit	83-1074-1
Dana 44 - JK Wrangler Front	Complete Kit	83-1082-1
Dana 44 - JK Wrangler Rear	Complete Kit	83-1083-1
Dana 44 - Nissan Titan	Complete Kit	83-1085-1
Dana 60	Complete Kit	83-1034-1
Dana 80 - 97 & earlier	Complete Kit	83-1068-1
Dana 80 - 98 & later	Complete Kit	83-1069-1
Ford 7.5	Complete Kit	83-1045-1
Ford 8	Complete Kit	83-1015-1
Ford 8.8	Complete Kit	83-1043-1
Ford 9 (T-Lok) in 2.89" case	Complete Kit	83-1010-1
Ford 9 28 Spl. Open	Complete Kit	83-1011-1
Ford 9 HRW Pro 3.062" case	Complete Kit	83-1003-1
Ford 9 HRW Pro 3.250" case	Complete Kit	83-1005-1
Ford 9 3.062" case 31 Spline	Complete Kit	83-1013-1
Ford 9 Trac Lock 31 Spline	Complete Kit	83-1007-1
Ford 9 Trac Lock 28 Spline	Complete Kit	83-1009-1
Ford 9.75 97-99	Complete Kit	83-1050-1
Ford 9.75 99 & later	Complete Kit	83-1049-1
Ford 10.25 (fits 10 5 when used with 10 25 gear)	Complete Kit	83-1059-1
GM 10 bolt 7.5 77-81	Complete Kit	83-1016-1
GM 10 bolt 7.5/7.625 82-02	Complete Kit	83-1044-1
GM Late Camaro 7.6 - V6	Complete Kit	83-1079-1
GM 10 bolt 8.2 (use with Richmond Gear Set)	Complete Kit	83-1022-1
GM 10 bolt 8.2 (use with Factory OE Gear Set)	Complete Kit	83-1023-1
GM 10 bolt 8.2 Buick/Pontiac	Complete Kit	83-1040-1
GM 3rd member 8.2 55-64 car	Complete Kit	83-1052-1
GM 10 bolt 8.5 Rear	Complete Kit	83-1021-1
GM 10 bolt 8.5 Front	Complete Kit	83-1020-1
GM 12 bolt 8.5 'O' - Olds 442 F85	Complete Kit	83-1088-1
GM 10 bolt 8.6 99-08	Complete Kit	83-1026-1
GM Late Camaro 8.6 - V8	Complete Kit	83-1077-1
GM 12 Bolt 8.875 Car	Complete Kit	83-1019-1
GM 12 Bolt 8.875 Truck	Complete Kit	83-1018-1
GM 3rd member 9.3 - 57-62 Olds/Pontiac	Complete Kit	83-1053-1
GM 14 Bolt 9.5 up to 97	Complete Kit	83-1066-1
GM 14 Bolt 9.5 98 & later	Complete Kit	83-1067-1
GM 14 bolt 10.5 72-88	Complete Kit	83-1063-1
GM 14 bolt 10.5 88-97	Complete Kit	83-1064-1
GM 14 bolt 10.5 98 & later	Complete Kit	83-1065-1
GM Corvette - 63-79	Complete Kit	83-1024-1
GM Pontiac G8	Complete Kit	83-1087-1
GM Pontiac GTO	Complete Kit	83-1090-1
Toyota 7.5 IFS	Complete Kit	83-1039-1
Toyota 7.8	Complete Kit	83-1030-1
Toyota V-6	Complete Kit	83-1046-1



- A. Cover gasket
- B. Ring gear bolts and washers
- C. Crush sleeve
- D. Marking compound and brush
- E. Pinion and carrier bearings
- F. Pinion nut and washer
- G. Pinion seal
- H. Thread locking compound
- I. Silicone sealer
- J. Pinion and carrier shims

NOTE: Richmond Gear Lube Part No. LUBE (quart)
 Richmond Gear Lube Part No. LUBE-CASE (12 qt. Bottles)
 Ring & Pinion Installation Video Part No. VIDEO

Richmond Kits use only TIMKEN Bearings





Winners Run RICHMOND!

Installation Kits

Half Kits

PRODUCT DESCRIPTION		PART NO.
AMC 20	Half Kit	83-1054-B
Chrysler 8.25	Half Kit	83-1070-B
Chrysler 8.25 97-01 XJ Cherokee	Half Kit	83-1071-B
Chrysler 8.75 Early	Half Kit	83-1037-B
Chrysler 8.75 Late	Half Kit	83-1031-B
Chrysler 9.25	Half Kit	83-1041-B
CHRYSLER H226	Half Kit	83-1086-C
Dana 30 - all except below	Half Kit	83-1058-B
Dana 30 JK	Half Kit	83-1084-B
Dana 30 TJ	Half Kit	83-1056-B
Dana 35	Half Kit	83-1060-B
Dana 36 - Corvette	Half Kit	83-1057-B
Dana 44 - except below	Half Kit	83-1033-B
Dana 44 - Corvette 80-82	Half Kit	83-1073-B
Dana 44 - Corvette 84-96	Half Kit	83-1074-B
Dana 44 - JK Wrangler Front	Half Kit	83-1082-B
Dana 44 - JK Wrangler Rear	Half Kit	83-1083-B
Dana 44 - Nissan Titan	Half Kit	83-1085-C
Dana 60	Half Kit	83-1034-B
Dana 80 - 97 & earlier	Half Kit	83-1068-B
Dana 80 - 98 & later	Half Kit	83-1069-B
Ford 7.5	Half Kit	83-1045-B
Ford 8	Half Kit	83-1015-B
Ford 8.8	Half Kit	83-1043-B
Ford 9 28 Spl. Open	Half Kit	83-1011-B
Ford 9.75 97-99	Half Kit	83-1050-B
Ford 9.75 99 & later	Half Kit	83-1049-B
Ford 10.25 (fits 10.5 when used with 10.25 gear)	Half Kit	83-1059-B
GM 10 bolt 7.5 77-81	Half Kit	83-1016-B
GM 10 bolt 7.5/7.625 82-02	Half Kit	83-1044-B
GM Late Camaro 7.6 - V6	Half Kit	83-1079-B
GM 10 bolt 8.2 (use with Richmond Gear Set)	Half Kit	83-1022-B
GM 10 bolt 8.2 (use with Factory OE Gear Set)	Half Kit	83-1023-B
GM 10 bolt 8.2 Buick/Pontiac	Half Kit	83-1040-B
GM 3rd member 8.2 55-64 car	Half Kit	83-1052-B
GM 10 bolt 8.5 Rear	Half Kit	83-1021-B
GM 10 bolt 8.5 Front	Half Kit	83-1020-B
GM 12 bolt 8.5 'O' - Olds 442 F85	Half Kit	83-1088-C
GM 10 bolt 8.6 99-08	Half Kit	83-1026-B
GM Late Camaro 8.6 - V8	Half Kit	83-1077-B
GM 12 Bolt 8.875 Car	Half Kit	83-1019-B
GM 12 Bolt 8.875 Truck	Half Kit	83-1018-B
GM 3rd member 9.3 - 57-62 Olds/Pontiac	Half Kit	83-1053-B
GM 14 Bolt 9.5 up to 97	Half Kit	83-1066-B
GM 14 Bolt 9.5 98 & later	Half Kit	83-1067-B
GM 14 bolt 10.5 72-88	Half Kit	83-1063-B
GM 14 bolt 10.5 88-97	Half Kit	83-1064-B
GM 14 bolt 10.5 98 & later	Half Kit	83-1065-B
GM Corvette - 63-79	Half Kit	83-1024-B
GM Pontiac G8	Half Kit	83-1087-C
GM Pontiac GTO	Half Kit	83-1090-B



- A. Cover gasket
- B. Crush sleeve
- C. Pinion Sleeve
- D. Pinion Shims





Winners Run RICHMOND!

Installation Kits

Mega Kits

PRODUCT DESCRIPTION

PART NO.

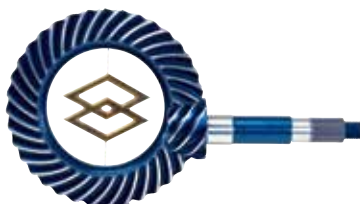
Chrysler 9.25 Rear	Mega Kit	83-1041-M
Ford 8.8 Car (non-IRS)	Mega Kit	83-1043-M
GM 10 bolt 7.5 77-81	Mega Kit	83-1016-M
GM 10 bolt 7.5/7.625 82-02	Mega Kit	83-1044-M
GM 10 bolt 8.5 Rear Car Only	Mega Kit	83-1021-M
GM 10 bolt 8.5 Rear Truck	Mega Kit	83-1021-TE
GM 10 bolt 8.2 (use with Richmond Gear Set)	Mega Kit	83-1022-M
GM 12 Bolt 8.875 Car	Mega Kit	83-1019-M
GM 12 Bolt 8.875 Truck	Mega Kit	83-1018-M



Richmond Mega Kits have the same quality parts as the regular installation kits but include Axle Seals and Axle Bearings for a Total Rear Rebuild.

NOTE: Richmond Gear Lube Part No. LUBE (quart)
Richmond Gear Lube Part No. LUBE-CASE (12 qt. Bottles)
Ring & Pinion Installation Video Part No. VIDEO

Richmond Kits use only TIMKEN Bearings





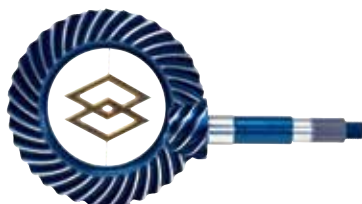
Winners Run RICHMOND!

Installation Kits

Individual Components

PRODUCT DESCRIPTION

PRODUCT DESCRIPTION	PART NO.
Dana 60	Carrier Shims 38-0008-1
Ford 7.5, 8.8 - GM 8.5 -10B,12B "C"	Pinion Shims 16-0090-1
Ford 8.8 - GM 12B Tk. "C"	Carrier Shims 38-0007-1
Ford 7.5 - GM 7 1/2 - 8 1/2 - 8.2	Carrier Shims 38-0006-1
Solid Spacer 12 Bolt GM Car	Spacer 04-0012-1
Solid Spacer w/Shims 12 Bolt Car	Spacer/Shims 04-0012-S
Solid Spacer Late 8.75	Spacer 04-0013-1
Solid Spacer w/Shims 8.75	Spacer/Shims 04-0013-S
Solid Spacer 8.8/9" Ford	Spacer 04-0011-1
Solid Spacer w/Shims 9"	Spacer/Shims 04-0011-S
Ford 7.5", 8.8", 9"	Crush Sleeve 19-0002-1
GM 8.5"	Crush Sleeve 19-0004-1
Ford 9	Cover Gasket 14-0010-1
Sealant Kit	Kit 35-0007-1
Marking Compound	Compound 55-0001-1
Richmond Gear Lube	Quart Lube
Richmond Gear Lube	Case Lube-Case
Ring & Pinion Installation Video	Video
Shop Cord Reel (35')	Cord Reel
Shop Light	Shop Light





Winners Run RICHMOND!

Installation Kits

Full Spools

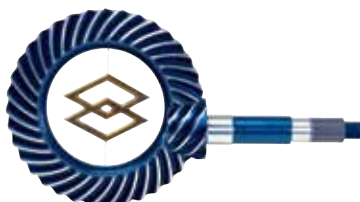
All Richmond Spools . . .

- Are CAD/CAM designed for lightest weight yet optimum strength
- Are CNC machined 4140 forged and are fully heat treated to aircraft specifications
- Have minimum run out to allow the optimum pattern for performance and life
- Are race proven on strip and track



REAR END TYPE	TYPE	MATL	DESCRIPTION	SPLINE	PART #	PRESSURE ANGLE
Ford 9"	Full	Steel		28	81-0928-1	45
Ford 9"	Full	Steel		31	81-0931-1	45
Ford 9"	Full	Steel		33	81-0933-1	45
Ford 9"	Full	Steel	3.250 case 30 PA	35	81-0935-3	30
Ford 9"	Full	Steel	2.891/3.062 case	35	81-0935X-1	30
Ford 8.8	Full	Steel	C-Clip elim reqd	31	81-8831-1	45
Ford 8.8	Full	Steel	C-Clip elim reqd	33	81-8833-1	45
GM 8.5 10 Bolt	Full	Steel	C-Clip elim reqd	28	81-1028-1	45
GM 8.5 10 Bolt	Full	Steel	C-Clip elim reqd	30	81-1030-1	45
GM 12 Bolt	Full	Steel	C-Clip elim reqd	30	81-1230-1	45
GM 12 Bolt	Full	Steel	C-Clip elim reqd	33	81-1233-1	45
GM 12 Bolt Trk 4 ser	Full	Steel	C-Clip elim reqd	30	81-1230T-1	45
Dana 44 3.92 up	Full	Steel		30	81-4430-1	30
Chry 8-3/4	Full	Steel		30	81-87530-1	30

NOTE: Pressure angle of spool must be the same as the angle of the axle splines.





Winners Run RICHMOND!

Installation Kits

Mini-Spools

REAR END TYPE	TYPE	MATL	SPLINE	PART #
Ford 9"	Mini	Steel	28	78-0928-1
Ford 9"	Mini	Steel	31	78-0931-1
GM 8.5 10 Bolt	Mini	Steel	28	78-1028-1
GM 8.2 10 Bolt	Mini	Steel	28	78-8228-1
GM 12 Bolt Car	Mini	Steel	30	78-1230-1
Ford 8.8	Mini	Steel	28	78-8828-1
Ford 8.8	Mini	Steel	31	78-8831-1
GM 7.5	Mini	Steel	26	78-7526-1*
GM 7.5	Mini	Steel	28	78-7528-1**
Dana 44	Mini	Steel	30	78-4430-1



*NOTE: Mini-Spool 78-7526-1 fits 7.5" carrier with 26 Splines with inside carrier spacing of 2.680". Mini-Spools will not fit 7.625" carriers.

**NOTE: For use with bolt-in 28 spline style axles only.

Cross Shaft Pins

REAR END TYPE	TYPE	MATL	SPLINE	PART #
Ford 9"	Mini	Steel	All	CSPF9
GM 8.5 10 Bolt	Mini	Steel	28	CSPGM85
GM 8.2 10 Bolt	Mini	Steel	28	CSPGM82
GM 12 Bolt Car	Mini	Steel	30	CSPGM12
Ford 8.8	Mini	Steel	28	CSPF88E
Ford 8.8	Mini	Steel	31	CSPF88L
GM 7.5	Mini	Steel	26	CSPGM75
Dana 44	Mini	Steel	30	CSPD44

These Cross Pins can be used only with Mini-Spools.



Spool Bearing Kits

REAR END TYPE	TYPE		PART #
Ford 9"	Full	2.891 case	29-0002-1
Ford 9"	Full	3.062 case	29-0004-1
Ford 9"	Full	3.250 case	29-0003-1
Ford 9"	Full	3.812 case	29-0011-1
Ford 8.8	Full		29-0005-1
GM 8.5, 10 Bolt	Full	(28 spline)	29-0013-1
GM 8.5, 10 Bolt	Full	(30 spline)	29-0006-1
GM 12 Bolt	Full		29-0005-1
Chry 8-3/4	Full		29-0010-1

Spool Bearing Kits come only with Bearings and Bearing Races.





Winners Run RICHMOND!

Transmissions

FAQ's

How much oil does the 5-Speed, 5-Speed with Over Drive and 6-Speed hold? Two (2) quarts. Due to the angle of the transmission on some installations, the transmission may hold slightly less than 2 quarts (1.8 - 2 qts.). When oil flows out of the fill hole, let the transmission sit for a few minutes to assure there are no air bubbles in the unit.

How much oil does the 4-Speed hold? 2.4 pints.

How much oil does the 2-Speed hold? 2.4 pints.

What oil should I use in Richmond manual transmissions? Richmond T-Lube, high performance synthetic manual transmission fluid. Richmond T-Lube is designed for extreme load and long duration exposure in high performance manual transmissions. Richmond T-Lube is designed to withstand high heat and provide anti-score protection for high speeds. Red Line 70/90 NS is also acceptable.

What modifications will I need to make when replacing a 4-Speed with a Richmond 6-Speed transmission or the new 5-Speed with Over Drive?

Standard Modifications: move the cross member back 3.75" and lower the cross member approximately 9/16" Cross member modifications will vary with each application. For example, the shifter will be back approximately 1" to 2" from the 4-speed location.

What modifications will I need to make when replacing a 4-Speed with a Richmond 5-Speed transmission?

Standard Modifications: move the cross member back 2.25" and lower the cross member approximately .38" to .50" Cross member modifications will vary with each application. For example, the shifter will be back approximately 1" to 2" from the 4-speed location.

What modifications will I need to make when replacing a 4-Speed with the new Richmond 5-Speed with Over Drive transmission?

See 6-Speed installation comments.

What modifications will I need to do to my car when installing a Richmond 4-Speed transmission?

No modifications are required when replacing a factory 4-Speed transmission with Richmond T-10 4-Speed Transmissions.

Does the 6-Speed come with a shifter? Yes. The shifter is manufactured by Long.

Does the 4-Speed and 5-Speed come with a shifter? No. Long shifters are available from Richmond.

Does the 5-Speed with Over Drive come with a shifter? Yes. The shifter is manufactured by Long.

What gear ratios do I need for my car?

Transmission ratios are based off the rear axle ring and pinion ratio. Richmond transmissions are available in a wide range of gear ratios to meet all driving requirements.

Can I install a Richmond Transmission without cutting my tunnel? In most cases, they will fit any car that originally had a 4-Speed.

What is the Richmond Transmission warranty?

The transmission is warranted one year against workmanship and materials defects.

What bell housings do Richmond Transmissions fit (bolt to)?

Richmond Transmissions will fit factory 4-speed or after market bell housings.

What speedometer components do I need for installation? All Richmond Transmissions use T-10 or Muncie 4-Speed components.

Are the T-10 and Muncie components for the speedo the same? Yes, they are the same.

Are different shift handles available? Yes. Richmond recommends the Long shifters; however, some Hurst shifters will also work.

What torque rating does the 5-Speed and 6-Speed have?

Conservatively, the transmission is rated at 450 ft. lb. of torque.

What torque rating does the 4-Speed have?

Conservatively, the transmission is rated at 300-375 ft. lb. of torque depending on the gear ratios selected.

Will the Richmond 6-Speed "power shift" at high RPM's?

Yes, with proper clutch adjustment and bell housing alignment. However, shift characteristics change greatly at 6,500 RPM and higher.

When installing a Richmond Transmission, will I need to shorten my drive shaft? No. The Richmond 4-Speed, 5-Speed and 6-Speed are all the same length as the original 4-speed.

What yoke do I need to use?

All Richmond transmissions use a Turbo 400 Yoke.

What clutch set-up do I need to use?

Factory 4-speed style clutch components.

Does Richmond manufacture the T-10 for Ford Applications?

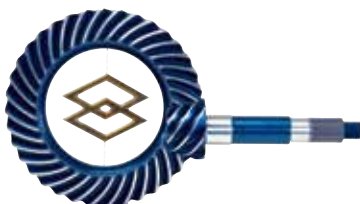
No. The T-10 is only manufactured for GM applications with the 26 spline input.

What is the difference between the Street 5-Speed Transmission and the Road Race version?

The Road Race version has heavy duty synchronizing assembly and a billet bearing retainer.

What is the difference between the Super T-10 4-Speed and the Super T-10 Plus Road Race Transmission?

The Road Race version has heavy duty synchronizing assembly and a billet bearing retainer.





Winners Run RICHMOND!

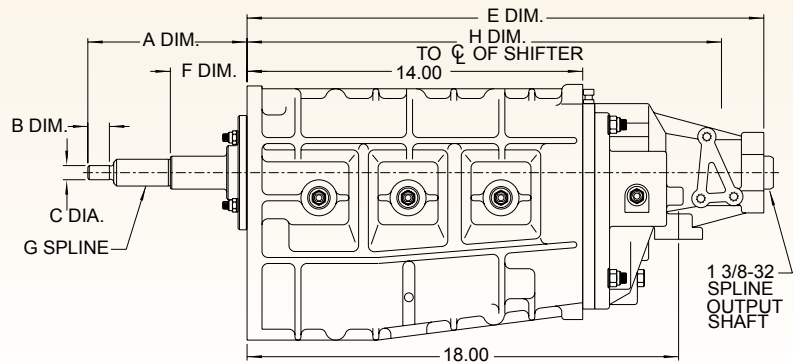
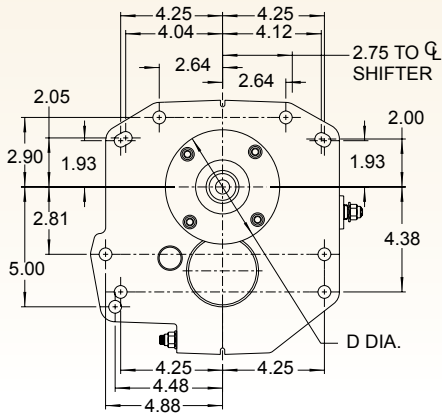
Transmissions

6-Speed Overdrive - ROD

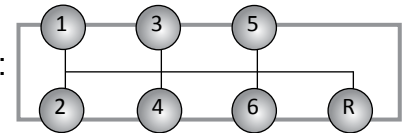


Dimensions

The Richmond Six Speed overdrive transmission was designed with the driving enthusiast in mind. The six speed transmission is assembled in the U.S.A. by American Craftsmen using the latest CNC machining and heat treat. Based on our bullet proof five speed design, the Richmond ROD has another gear-to-grab overdrive!



Shift Pattern:



MOUNTING SPECIFICATION GUIDE

APPLICATION	PART NO.	A DIM.	B DIM.	C DIA.	D DIA.	E DIM.	F DIM.	G SPLINE	H DIM.	J DIM.
Corvette (4)	7071626	6.66	1.06	.590	4.683	23.50	3.22	1-1/8 - 26	22.38	2.63
Ford	7041626	6.49 (1)	1.14 (1)	.668	4.849	24.00	3.83	1-1/8 - 26	20.75	2.00
Ford (7)	7041610	7.18	1.14	.668	4.849	24.00	4.37	1-1/16 - 10	20.75	2.00
Ford T-5 (2)	7081610	7.18	1.14	.668	4.849	24.00	4.37	1-1/16 - 10	20.75	2.00
GM	7021610	6.66	1.06	.590	4.683	21.57	3.22	1-1/8 - 10	20.75	2.00
GM	7021626	6.66	1.06	.590	4.683	21.57	3.22	1-1/8 - 26	20.75	2.00
GM T-5 (5)	7051626	6.66	1.06	.590	4.683	24.00	3.22	1-1/8 - 26	23.25	1.50 (3)
GM Truck (6)	7061610	6.66	1.06	.590	5.124	21.57	3.22	1-1/8 - 10	20.75	2.00
Mopar	7031618	8.57	2.54	.748	4.807	24.00	4.28	1-3/16 - 18	20.75	2.00

- (1) For small block engines. For big block engines, cut pilot (B Dim.) by .38.
- (2) 1984 - 1993 (5.0 L) Includes cross member and speedometer hook-up kit. Bellhousing must be replaced with Lakewood p/n 15202, or equivalent. May also use '79 - '83 Mustang V-8 bellhousing.
- (3) Transmission is mounted on a 17 degree angle.
- (4) Corvette 4 + 3 replacement transmission 1984 - 1988. Includes special tailhousing and shifter for torque arm hook-up.
- (5) "F" body T-5 replacement comes with cross member, speedo cable extension and special shifter for torque arm hook-up.
- (6) Uses 5.124 dia. input bearing retainer, GM truck 1968 - Up.
- (7) '78 - '83 (5.0 L) All transmissions include shifter, back-up light switch and wire harness.

Use RICHMOND
Transmission Lube
Part # TLUBE (pg 126)

Performance Matched For
WINNERS!

Center Distance	3.50 Inches
Oil Capacity	2 U.S Quarts (2-1/2 Quarts = GM T-5 version)
Approximate Dry Weight	108 lbs.
Case & Extension Housing	Aluminum
Controls	Side Lever



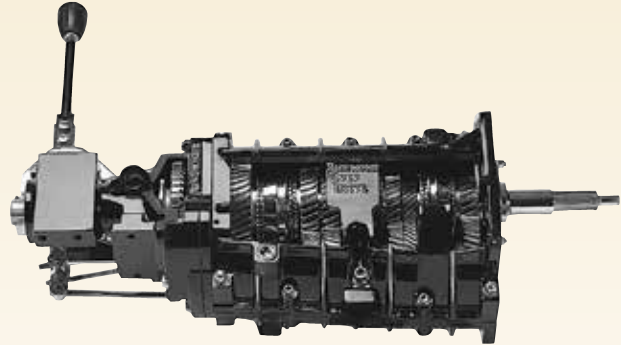
Winners Run RICHMOND!

Transmissions

6-Speed Overdrive - ROD

Input Sets & Selection Guide

Aided in design with NASCAR proven technology, the Richmond ROD features smooth, positive and fast shifting. Available in multiple gear ratios, the ROD delivers strong, light weight performance. Overdrive ratios are available from .91 to .52. Engineered with a pro-quality approach, the Richmond ROD delivers the strength and performance you expect!



INPUT SETS

	22T/37T INPUT/CLUSTER	27T/31T INPUT/CLUSTER
GM 1-1/8" 26 Spline	4521826 / 5551837	4522827 / 5522531
GM 1-1/8" 10 Spline	4521810 / 5551837	N/A
Ford 1-1/8" 26 Spline	4541826 / 5551837	N/A
Ford 1-1/16" 10 Spline	4541810 / 5551837	N/A
Mopar 1-3/16" 18 Spline	4531818 / 5551837	N/A

TRANSMISSION PART NO. DESCRIPTION

Part no. (7 Digits) + Ratio Letter
 Example 7021610AA
 GM six speed 10 spline
 Input 3.28 1st .76 6th

1ST LETTER = 1ST GEAR RATIO A=3.28

B=4.06

C=4.42 D=3.01
 E=2.77 J=3.04
 K=2.08 L=2.24

2ND LETTER = 6TH GEAR RATIO

A=.76 B=.81
 C=.86 D=.62
 E=.91 G=.59
 H=.52 I=.55

SPECIAL 9 DP ROAD RACE RATIOS

K=.80 L=.84



TRANSMISSION RATIO SELECTION GUIDE

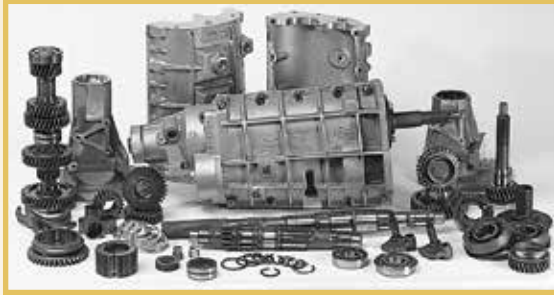
			MASTER DRIVE SET DRIVE RATIO		22/37	27/31
					1.682	1.148
GEAR	TOOTH COUNT	SET RATIO	MAINSHAFT GEAR	CLUSTER GEAR	RATIO	
1st	42/16	2.625	1071842	1551516	4.41	3.01
	41/17	2.412	1071841	1551517	4.06	2.77
	39/20	1.950	1071839	1551820	3.28	2.24
	38/21	1.810	1022838	1522821	3.04	2.08
2nd & 3rd	36/22	1.636	2322836	2522822	2.75	1.88
	35/24	1.458	2322835	2522824	2.45	1.67
	33/25	1.320	2371833	2551525	2.22	1.52
	33/26	1.269	2371833	2551826	2.13	1.46
	32/27	1.185	2322832	2522827	1.99	1.36
4th	28/30	0.933	2371528	2551830	1.57	1.07
	25/34	0.735	2460025	2560034	1.24	0.84
5th	30/29	1.034	2460030	2560029	1.74	1.19
					1.00	1.00
6th	24/53	0.453	4112024	5110053	0.76	0.52
	25/52	0.481	4112025	5110052	0.81	0.55
	26/51	0.510	4112026	5110051	0.86	0.59
	27/50	0.540	4112027	5110050	0.91	0.62
6th	25/34	0.735	4112925	5110934	N/A	0.84
	19/40	0.475	4112919	5110940	0.80	N/A



Winners Run RICHMOND!

Ring and Pinion Sets

6-Speed Overdrive - ROD



1ST GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
1	1071842	42/16 Tooth Count
	1071841	41/17 Tooth Count
	1071839	39/20 Tooth Count
	1022838	38/21 Tooth Count

1ST GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
2	1551516	42/16 Tooth Count
	1551517	41/17 Tooth Count
	1551820	39/20 Tooth Count
	1522821	38/21 Tooth Count

2ND & 3RD GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
3 & 4	2322836	36/22 Tooth Count
	2322835	35/24 Tooth Count
	2371833	33/25 Tooth Count
	2371833	33/26 Tooth Count
	2322832	32/27 Tooth Count
	2371528	28/30 Tooth Count

2ND & 3RD GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
6 & 7	2522822	36/22 Tooth Count
	2522824	35/24 Tooth Count
	2551525	33/25 Tooth Count
	2551826	33/26 Tooth Count
	2522827	32/27 Tooth Count
	2551830	28/30 Tooth Count

4TH GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
5	2460025	34/25 Tooth Count
	2460030	29/30 Tooth Count

Replacement Parts

4TH GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
8	2560034	34/25 Tooth Count
	2560029	29/30 Tooth Count

INPUT SHAFT (5TH DRIVE GEAR)

VIEW #	PART NO.	DESCRIPTION
9	4531818	Mopar 18 Spline 22/37 TC
	4521810	GM 10 Spline 22/37 TC
	4521826	GM 26 Spline 22/37 TC
	4522827	GM 26 Spline 27/31 TC
	4541810	Ford 10 Spline 22/37 TC
	4541826	Ford 26 Spline 22/37 TC

INPUT DRIVE GEAR (5TH CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
10	5551837	22/37 Tooth Count
	5522531	27/31 Tooth Count

6TH GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
11	4112024	24/53 Tooth Count
	4112025	25/52 Tooth Count
	4112026	26/51 Tooth Count
	4112027	27/50 Tooth Count
	4112925	25/34 Tooth Count
	4112919	19/40 Tooth Count

6TH GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
12	5110053	24/53 Tooth Count
	5110052	25/52 Tooth Count
	5110051	26/51 Tooth Count
	5110050	27/50 Tooth Count
	5110934	25/34 Tooth Count
	5110940	19/40 Tooth Count





Winners Run RICHMOND!

Transmissions

6-Speed Overdrive - ROD

Replacement Parts (con't)

VIEW #	PART NO.	DESCRIPTION
13	5271922	Reverse Idler Gear
14	6560037	Reverse Mainshaft
15	5260013	Reverse Clustershaft Gear
16	1304093020	Keys (All)
17	4682AJ	Springs (All) (Not Shown)
18	1304091010	Synchro Brass 1-2 & 3-4
19	6460001	Synchro Brass 5-6
20	6151600	Hub 1-2 & 3-4
21	6160002	Hub 5-6
22	1304089006	Slider 1-2 & 3-4
23	6520000	Slider 5-6
24	6591600	Synchro Assem. 1-2 & 3-4
25	6560001	Synchro Assem. 5-6
26	1304096002	Shift Fork 1-2 & 3-4
27	6760000	Shift Fork 5-6
28	T-1024	Shift Fork, Reverse
29	6660001	Shift Arm, Reverse
30	6692012	Shift Arm 1-2
31	6655034	Shift Arm 3-4
32	6660050	Shift Arm 5-6
33	7855112	Input I.D. Bearing
34	7855716	Center Cluster Bearing
35	7855306	Front Cluster Bearing
35A	7855606	Rear Cluster Bearing
36	1000130010	Front & Rear Mainshaft Bearing
37	7871030	Rev. Idler Gear Bearing Assem.
38	7871052	2nd & 3rd Gear Bearing Assem. (Not Shown)
39	7871142	1st Gear Bearing Assem. (Not Shown)
40	7899142	4th Gear Bearing (Not Shown)
41	7880046	6th Gear Bearing (Not Shown)
42	8195086	Bearing Retainer Gasket (All)
43	8225750	Input Seal, Ford & Mopar
	8245625	Input Seal, AMC
44	103565	Taper Pin
45	7168113	Maincase (2) Halves
46	7226000	Tailhousing, GM
	7226001	Tailhousing, GM T-5 Repl. Version
	7246000	Tailhousing, Ford & Mopar
	7246001	Tailhousing, Ford Mustang T-5 Repl.
	7276000	Tailhousing, Corvette 4+3 Repl.
47	7360000	Mid-Plate
48	7561004	Mainshaft, GM
	7546101	Mainshaft, Ford, Mopar & Corvette 4+3 Repl. & GM T-5 Repl.

VIEW #	PART NO.	DESCRIPTION
49	7660005	Clustershaft (All)
50	7760001	Rev. Idler Shaft
51	8358113	Flanged Sleeve, 6th Gear
52	8255132	Tailhousing Seal
53	8358112	Shift Arm Bushings 1-2, 3-4 & 5-6
54	1000127050	Tailhousing Bushing
55	1304110002	Speedo Gear (All)
56	8635307	Front Bearing Retainer, Mopar
	8622911	Front Bearing Retainer, GM
	8625920	Front Bearing Retainer, GM Truck
	8644033	Front Bearing Retainer, Ford
	8644035	Front Bearing Retainer, Ford 78-83 1 1/16 - 10 Input
57	6960000	Detent Kit
58	8060000	Small Parts Kit
59	8260000	Case Plug Kit
60	9060000	Fastener Kit
61	8180050	Tailhousing Gasket
62	8260001	Shifter Arm Seal Kit
63	8358114	Flanged Sleeve, Input (Not Shown)
64	8060009	Snap Ring, 5/6 Hub

ADDITIONAL ITEMS NOT SHOWN

PART NO.	DESCRIPTION
5980004	Reverse Back-Up Light Switch
5960000	Reverse Back-Up Switch Wire Harness
6360005-21	Ford/GM Speedo Adaptor Kit
6360001	Ford Mustang Crossmember (T-5 replacement only)
6360002	Ford Mustang Crossmember Spacer (used with above)
6360000	GM "F" Body Crossmember (for 6 speed replacement of T-5 transmission only)
HR-6000	"Long" 6 Speed Shifter (all except GM T-5 replacement and Corvette 4+3 replacement)
HR-6002	"Long" 6 Speed Shifter (GM T-5 replacement only)
HR-6003	"Long" 6 Speed Shifter (Corvette 4+3 replacement only)
9260000	Corvette Console Shift Emblem (1968-1976)
9260001	Corvette Console Shift Emblem (1977-1981)
9260002	Corvette "Richmond Over Drive" Console Emblem (1984-1988)
8460000	Speedo Ext. Cable (T-5 replacement)
Sy-1310	Slip Yolk Turbo 400
Sy-1330	Slip Yolk Turbo 400
6-SP 760003P	Breather
8260003-1	Vent



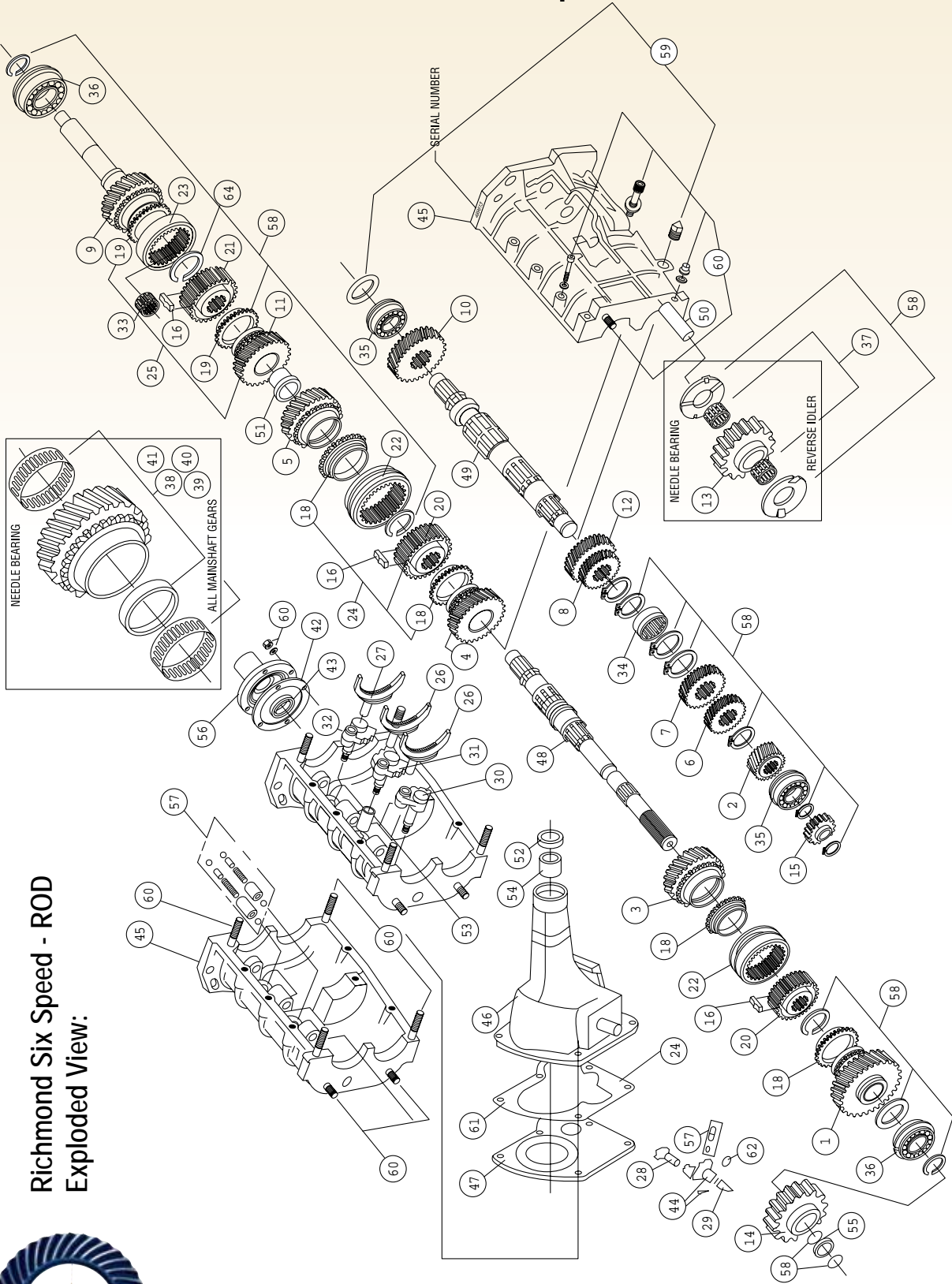


Winners Run RICHMOND!

Transmissions

6-Speed Overdrive - ROD

Exploded View



Richmond Six Speed - ROD
Exploded View:





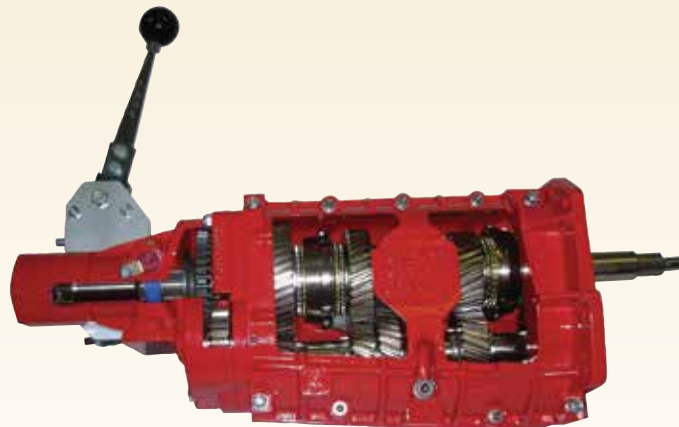
Winners Run RICHMOND!

Transmissions

NEW Super Street 5-Speed with O.D.

Features

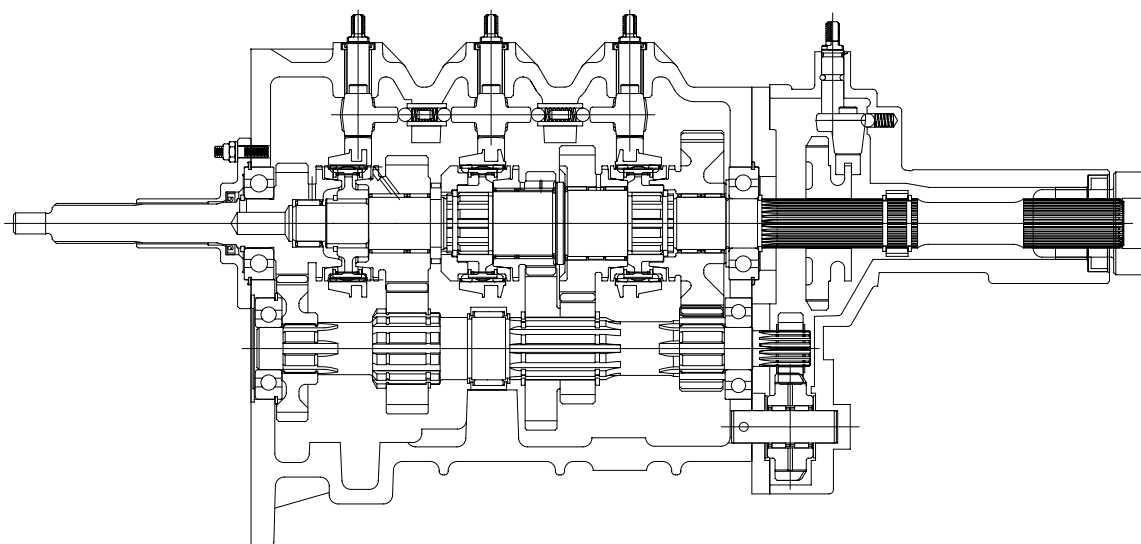
- NEW SUPER STREET 5-Speed with Overdrive
- Fully Rated at 600 ft. lbs. of torque
- Fits GM and Ford applications
- Features a Long Shifter for Performance & Durability



The SUPER STREET 5-Speed with Overdrive is the newest addition to the Richmond line of **Bullet Proof** transmissions. The SUPER STREET is fully rated at **600 ft. lbs. of torque** to confidently handle the demands of street performance, hot rods, muscle car, racing and other high performance applications.

Based on the successful Richmond NASCAR-type design and technology, the SUPER STREET is manufactured in the USA by skilled craftsmen using the best in CNC machining, gear cutting technology and race-proven in house treating. The transmission is built on the successful and dependable Richmond manual transmission housing. The design allows for more robust gears and components to give you the torque handling capacity higher horsepower cars require.

The SUPER STREET transmission comes complete with a Long Shifter for the ultimate in shift performance and durability. Designed to fit GM and Ford applications, the Richmond SUPER STREET is the answer for the performance enthusiasts who know that **"Winners Run RICHMOND!"**

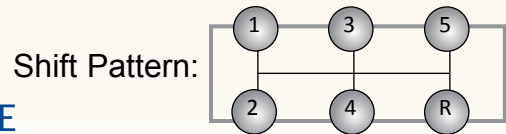
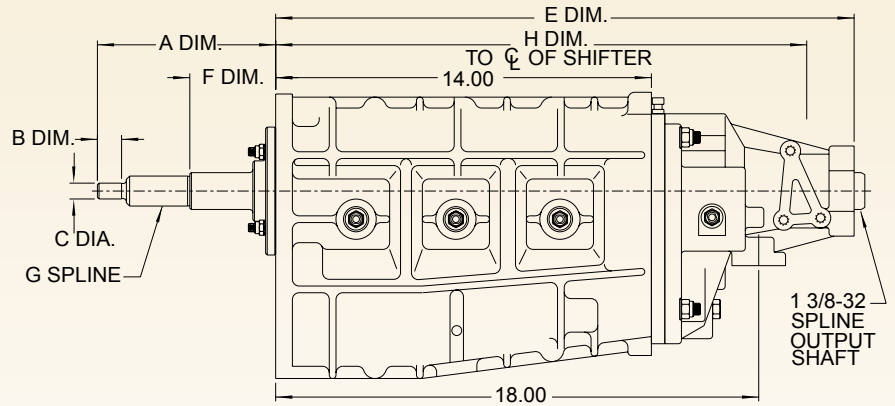
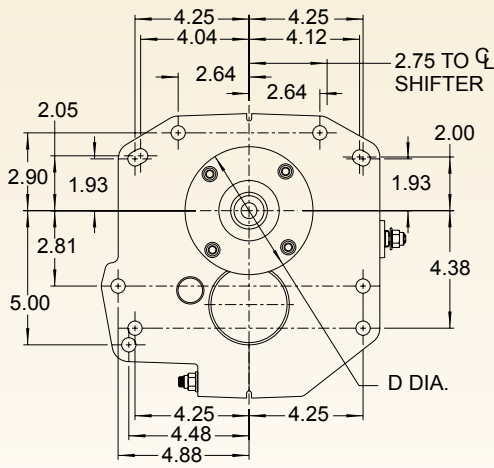




Winners Run RICHMOND!

Transmissions

NEW Super Street 5-Speed with O.D.



PART NUMBER AND MOUNTING SPECIFICATION GUIDE

APPLICATION	PART NO.	A DIM.	B DIM.	C DIA.	D DIA.	E DIM.	F DIM.	G SPLINE	H DIM.	J DIM.
GM 3.33 10-Spline*	7020510A	6.66	1.06	0.59	4.683	21.57	3.22	1 1/8-10	20.75	2.00
GM 2.89 10-Spline*	7020510B	6.66	1.06	0.59	4.683	21.57	3.22	1 1/8-10	20.75	2.00
GM 3.06 10-Spline*	7020510C	6.66	1.06	0.59	4.683	21.57	3.22	1 1/8-10	20.75	2.00
GM 3.33 26-Spline*	7020526A	6.66	1.06	0.59	4.683	21.57	3.22	1 1/8-10	20.75	2.00
GM 2.89 26-Spline*	7020526B	6.66	1.06	0.59	4.683	21.57	3.22	1 1/8-10	20.75	2.00
GM 3.06 26-Spline*	7020526C	6.66	1.06	0.59	4.683	21.57	3.22	1 1/8-10	20.75	2.00
Ford 3.33 10-Spline*	7040510A	7.18	1.14	0.668	4.849	24.00	4.37	1 1/16-10	20.75	2.00
Ford 2.89 10-Spline*	7040510B	7.18	1.14	0.668	4.849	24.00	4.37	1 1/16-10	20.75	2.00
Ford 3.06 10-Spline*	7040510C	7.18	1.14	0.668	4.849	24.00	4.37	1 1/16-10	20.75	2.00
Ford 3.33 26-Spline*(2)	7040526A	6.49	1.14	0.668	4.849	24.00	3.83	1 1/8-26	20.75	2.00
Ford 2.89 26-Spline*(2)	7040526B	6.49	1.14	0.668	4.849	24.00	3.83	1 1/8-26	20.75	2.00
Ford 3.06 26-Spline*(2)	7040526C	6.49	1.14	0.668	4.849	24.00	3.83	1 1/8-26	20.75	2.00
5.0 Mustang 3.33 (T-5), 10-Spline*(1)	7080510A	7.18	1.17	0.668	4.849	24.00	4.37	1 1/16-10	20.75	2.00
5.0 Mustang 2.89 (T-5), 10-Spline*(1)	7080510B	7.18	1.17	0.668	4.849	24.00	4.37	1 1/16-10	20.75	2.00
5.0 Mustang 3.06 (T-5), 10-Spline*(1)	7080510C	7.18	1.17	0.668	4.849	24.00	4.37	1 1/16-10	20.75	2.00
Corvette 3.33 26-Spline*	7070526A	6.66	1.06	0.59	4.683	23.50	3.22	1 1/8-26	22.38	2.00
Corvette 2.89 26-Spline*	7070526B	6.66	1.06	0.59	4.683	23.50	3.22	1 1/8-26	22.38	2.00
Corvette 3.06 26-Spline*	7070526C	6.66	1.06	0.59	4.683	23.50	3.22	1 1/8-26	22.38	2.00
GM 3.33 T-5*(3)	7050526A	6.66	1.06	0.59	4.683	24.00	3.22	1 1/8-26	23.25	1.50
GM 3.89 T-5*(3)	7050526B	6.66	1.06	0.59	4.683	24.00	3.22	1 1/8-26	23.25	1.50
GM 3.06 T-5*(3)	7050526C	6.66	1.06	0.59	4.683	24.00	3.22	1 1/8-26	23.25	1.50
MOPAR 3.33 18-Spline	7030518A	8.75	2.54	0.748	4.807	24.00	4.28	1 1/316-18	20.75	2.00
MOPAR 2.89 18-Spline	7030518B	8.75	2.54	0.748	4.807	24.00	4.28	1 1/316-18	20.75	2.00
MOPAR 3.06 18-Spline	7030518C	8.75	2.54	0.748	4.807	24.00	4.28	1 1/316-18	20.75	2.00

* With Long Shifter

- (1) 1984-1993 (5.0L) includes cross member and speedometer hook-up kit. Bellhousing must be replaced with Lakewood part # 15202, or equivalent. A 1979-1983 Mustang V-8 bellhousing may also be used
- (2) For small block engines. For big block engines, cut pilot (B dimension) by 0.38".
- (3) "F" body T-5 transmission comes with cross member, speedocable extension and special shifter for torque are hook-up



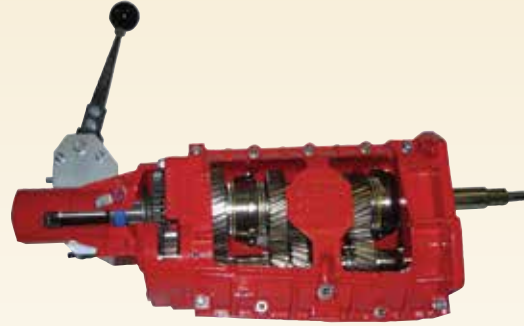


Winners Run RICHMOND!

Transmissions

NEW Super Street 5-Speed with O.D.

Input Sets & Selection Guide



INPUT SETS

	26/33 INPUT/CLUSTER
GM 1-1/8" 26 Spline	4520526 / 5550533
GM 1-1/8" 10 Spline	4520510 / 5550533
Ford 1-1/8" 26 Spline	4540526 / 5550533
Ford 1-1/16" 10 Spline	4540510 / 5550533
Mopar 1-3/16" 18 Spline	4530518 / 5550533

TRANSMISSION PART NO. DESCRIPTION

Part no. (7 Digits) + Ratio Letter
Example 7020510A
 GM five speed 10 spline
 Input 3.33 or 7020510B

TRANSMISSION RATIO SELECTION GUIDE

			MASTER DRIVE SET		26/33
			DRIVE RATIO		1.269
GEAR	TOOTH COUNT	SET RATIO	MAINSHAFT GEAR	CLUSTER GEAR	RATIO
1st	42/16	2.625	1050542	1550516	3.33
	41/18	2.277	1050541	1550518	2.89
	41/17	2.411	1051541	1550517	3.06
2nd	35/24	1.458	2350535	2550524	1.85
3rd	30/29	1.034	2350530	2550529	1.31
4th	—	—	—	—	1.00
5th	22/36	.611	4150522	5150536	0.77

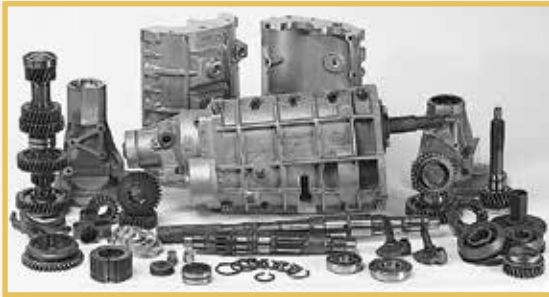
Use RICHMOND
 Transmission Lube
 Part # TLUBE (pg 126)



Performance Matched For
 WINNERS!

Center Distance	3.50 Inches
Oil Capacity	2 U.S Quarts
Approximate Dry Weight	106.5 lbs.
Case & Extension Housing	Aluminum
Controls	Side Lever





Replacement Parts

1ST GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
1	1050542	42/16 Tooth Count
	1050541	41/18 Tooth Count
	1051541	41/17 Tooth Count

1ST GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
2	1550516	42/16 Tooth Count
	1550518	41/18 Tooth Count
	1550517	41/17 Tooth Count

2ND & 3RD GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
3 & 5	2350535	35/24 Tooth Count
	2350530	30/29 Tooth Count

2ND & 3RD GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
6 & 8	2550524	35/24 Tooth Count
	2550529	30/29 Tooth Count

OVERDRIVE GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
4	4150522	22/36 Tooth Count

OVERDRIVE GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
7	5150536	22/36 Tooth Count

INPUT SHAFT

VIEW #	PART NO.	DESCRIPTION
9	4520510	26/33
	4520526	26/33
	4540510	26/33
	4540526	26/33

INPUT DRIVE GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
10	5550533	26/33





Winners Run RICHMOND!

Transmissions

NEW Super Street 5-Speed with O.D.

Replacement Parts (con't)

VIEW #	PART NO.	DESCRIPTION	VIEW #	PART NO.	DESCRIPTION
13	5271922	Reverse Idler Gear	51	6350005	Retainer O.D.
14	6560037	Reverse Mainshaft	52	8255132	Tailhousing Seal
15	5260013	Reverse Clustershaft Gear	53	8358112	Shift Arm Bushings 1-2, 3-4 & 5
16	1304093020	Keys (All)	54	1000127050	Tailhousing Bushing
17	4682AJ	Springs (All) (Not Shown)	55	1304110002	Speedo Gear (All)
18	1304091010	Synchro Brass 1-2 & O.D.	56	8622911	Front Bearing Retainer, GM (26T)
19	6460001	Synchro Brass 3 & 4		8644033	Front Bearing Retainer, Ford (26T)
20	6151600	Hub 1-2 & O.D.		8644035	Front Bearing Retainer, Ford (10T)
21	6150000	Hub 3 & 4		8635307	Front Bearing Retainer, Mopar (18T)
22	1304089006	Slider 1-2 & O.D.	57	6960000	Detent Kit
23	6520000	Slider 3 & 4	58	8060000	Small Parts Kit
24	6591600	Synchro Assem. 1-2	59	8260000	Case Plug Kit
25	6560002	Synchro Assem. 3 & 4		8260003P	Breather Assembly
26	1304096002	Shift Fork 1-2 & O.D.	60	9060000	Fastener Kit
27	6760000	Shift Fork 3 & 4	61	8180050	Tailhousing Gasket
28	T-1024	Shift Fork, Reverse	62	8260001	Shifter Arm Seal Kit
29	6660001	Shift Arm, Reverse	70	7899054	Overdrive Gear Bearing
30	6692012	Shift Arm 1-2	71	7899053	Overdrive Bearing
31	6650005	Shift Arm O.D.	72	8071400	Thrust Collar
32	6660050	Shift Arm 3 & 4	73	6350006	Thrust Ring Sleeve
33	7855112	Input I.D. Bearing	74	7899442	3rd Gear Bearing
34	7855716	Center Cluster Bearing	75	7855606	Rear Cluster Bearing
35	7855306	Front Cluster Bearing	76	6591601	Synchro Assy OD
36	1000130010	Front & Rear Mainshaft Bearing			
37	7871030	Rev. Idler Gear Bearing Assem.			
38	7871052	2nd Gear Bearing Assem. (Not Shown)			
39	7871142	1st Gear Bearing Assem. (Not Shown)			
40	7899142	3rd Gear Bearing			
42	8195086	Bearing Retainer Gasket (All)			
43	8225750	Input Seal, Ford, GM & Mopar			
	8245625	Input Seal, AMC			
44	103565	Taper Pin			
45	7168113	Maincase (2) Halves			
46	7226000	Tailhousing, GM			
	7246000	Tailhousing, Ford & Mopar			
	7276000	Tailhousing, Vette 4+3			
	7246001	Tailhousing, Mustang T-5 Rep.			
	7226001	Tailhousing, GM "F" Body, T-5 Rep.			
47	7360000	Mid-Plate			
48	7520532	Mainshaft, GM			
	7540532	Mainshaft, Ford, Mopar, Vette 4+3, GM T-5 Rep.			
49	7650000	Clustershaft (All)			
50	7760001	Rev. Idler Shaft			

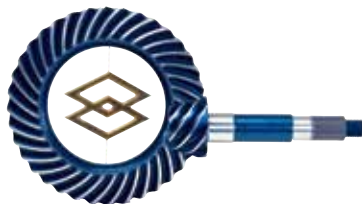
ADDITIONAL ITEMS NOT SHOWN

PART NO.	DESCRIPTION
5980004	Reverse Back-Up Light Switch
5960000	Reverse Back-Up Switch Wire Harness
6360005-21	Ford/GM Speedo Adaptor Kit
15202	Ford Mustang "Lakewood" Steel Bellhousing (for T-5 replacement only with Richmond 5 or 6 speed)
Sy-1310	Slip Yoke Turbo 400
Sy-1330	Slip Yoke Turbo 400
6-SP 760003P	Breather
8260003-1	Vent
3630001	Ford Mustang Crossmember (T-5 replacement only)
9060026	Screw (Mustang T-5 replacement)
6360000	GM "F" Body Crossmember (T-5 replacement only)
6360002	Crossmember Spacer (Mustang T-5 replacement)
HR5000-0	5-Speed Shifter - All except GM T-5 replacement and Vette 4+3
HR5002-0	5-Speed Shifter (GM T-5 replacement only)
HR5003-0	5-Speed Shifter (Vette 4+3 replacement)

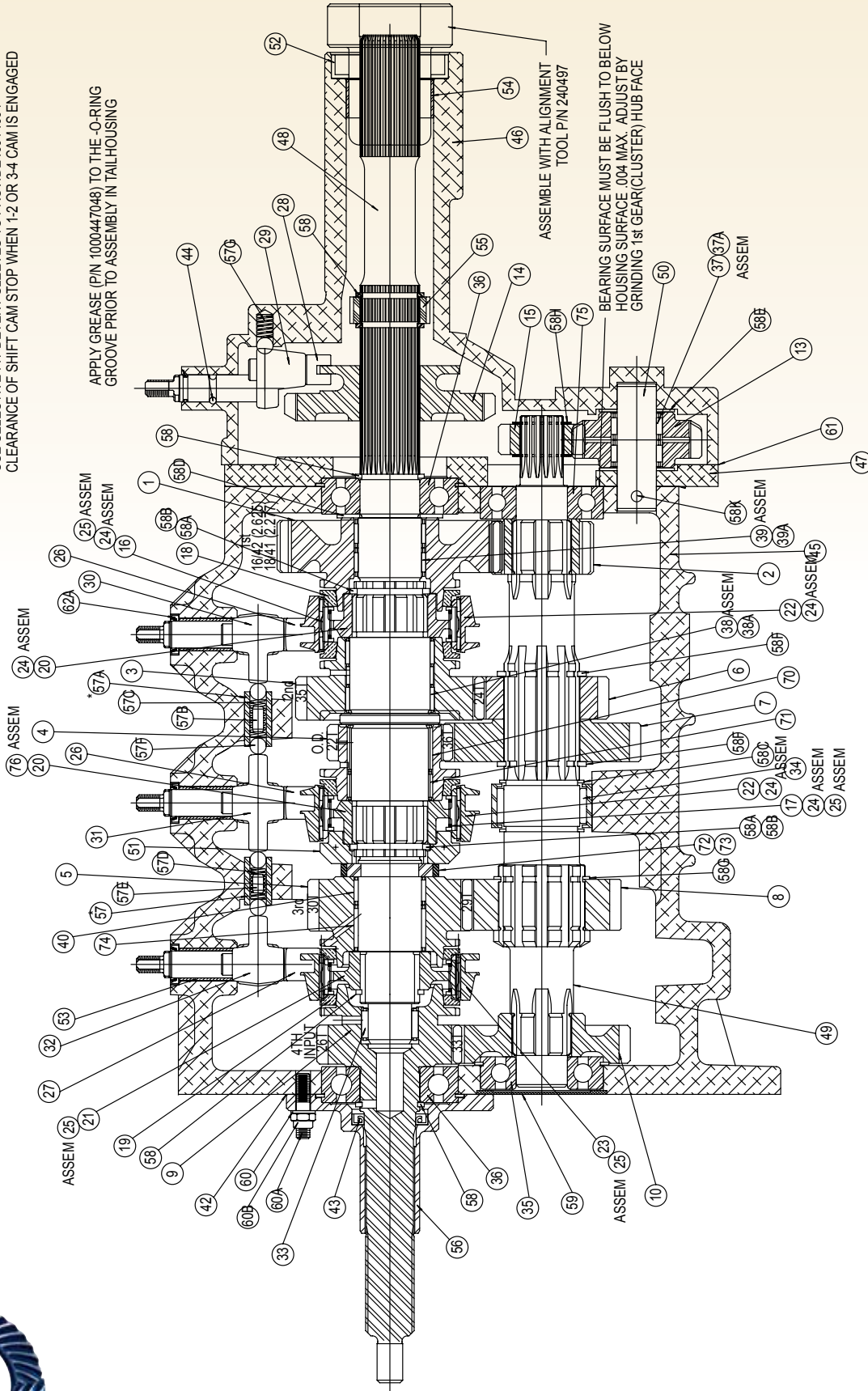


NEW Super Street 5-Speed with O.D.

Richmond Super Street Five Speed with Overdrive
Exploded View:



* USE SELECTIVE FIT DETENT SLEEVES TO PROVIDE .001-.004 CLEARANCE OF SHIFT CAM STOP WHEN 1-2 OR 3-4 CAM IS ENGAGED



APPLY GREASE (P/N 1000447048) TO THE O-RING GROOVE PRIOR TO ASSEMBLY IN TAILHOUSING

ASSEMBLE WITH ALIGNMENT TOOL P/N 240497

BEARING SURFACE MUST BE FLUSH TO BELOW HOUSING SURFACE .004 MAX. ADJUST BY GRINDING 1st GEAR (CLUSTER) HUB FACE

- 1 25 ASSEM
- 2 29 ASSEM
- 3 16
- 4 24 ASSEM
- 5 20
- 6 26
- 7 57A
- 8 57B
- 9 31
- 10 51
- 11 57C
- 12 57D
- 13 40
- 14 74
- 15 57E
- 16 57F
- 17 32
- 18 59
- 19 27
- 20 21
- 21 25 ASSEM
- 22 19
- 23 58
- 24 9
- 25 60A
- 26 60B
- 27 60C
- 28 42
- 29 33
- 30 43
- 31 56
- 32 36
- 33 35
- 34 59
- 35 23
- 36 25 ASSEM
- 37 10
- 38 49
- 39 58
- 40 36
- 41 14
- 42 15
- 43 58A
- 44 58B
- 45 75
- 46 50
- 47 37
- 48 37A ASSEM
- 49 13
- 50 61
- 51 47
- 52 68B
- 53 39 ASSEM
- 54 39A
- 55 22
- 56 24 ASSEM
- 57 45
- 58 25 ASSEM
- 59 25 ASSEM
- 60 72
- 61 73
- 62 58A
- 63 58B
- 64 58C
- 65 58D
- 66 58E
- 67 58F
- 68 58G
- 69 58H
- 70 58I
- 71 58J
- 72 58K
- 73 58L
- 74 58M
- 75 58N
- 76 58O
- 77 58P
- 78 58Q
- 79 58R
- 80 58S
- 81 58T
- 82 58U
- 83 58V
- 84 58W
- 85 58X
- 86 58Y
- 87 58Z



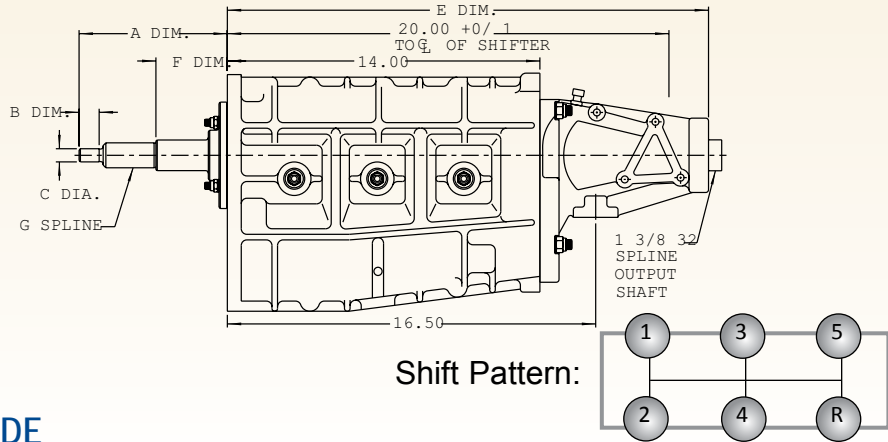
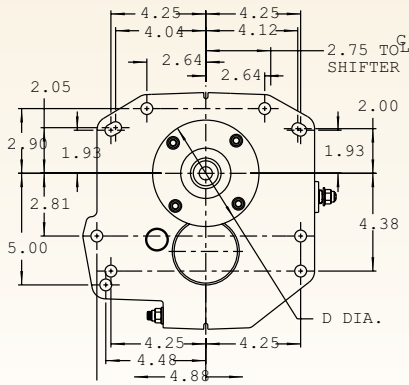
Winners Run RICHMOND!

Transmissions

Street 5-Speed

Dimensions, Input Sets & Selection Guide

The Richmond Street Five Speed transmission delivers the ultimate blend of performance and economy. Utilization of four extra low gear ratios provide dramatic improvements in acceleration, while a 1:1 fifth gear allows maintenance of original fuel economy.



MOUNTING SPECIFICATION GUIDE

APPLICATION	PART NO.	A DIM.	B DIM.	C DIA.	D DIA.	E DIM.	F DIM.	G SPLINE
Ford	7041710	6.49*	1.14*	.668	4.849	24.00	3.83	1-1/8 - 26
Ford**	7041711	7.18	1.14	.668	4.849	24.00	4.37	1-1/16 - 10
GM	7021710	6.66	1.06	.590	4.683	21.57	3.22	1-1/8 - 26
GM	7021711	6.66	1.06	.590	4.683	21.57	3.22	1-1/8 - 10
GM Truck	7061710	6.66	1.06	.590	5.124	21.57	3.22	1-1/8 - 10
GM Truck	7061726	6.66	1.06	.590	5.124	21.57	3.22	1-1/8 - 26
Mopar	7031710	8.57	2.54	.748	4.807	24.00	4.28	1-3/16 - 18

* For small block engines. For big block, cut pilot (B Dim.) by .38
 ** '78 - '83 (5.0 L)

TRANSMISSION RATIO SELECTION GUIDE

PART NO.	DESCRIPTION	SPLINE	1ST	2ND	3RD	4TH	5TH	REV.	TORQUE
7021710-A	GM 1-1/8	26	3.28	2.13	1.57	1.24	1.00	4.79	450 FP
7021711-A	GM 1-1/8	10	3.28	2.13	1.57	1.24	1.00	4.79	450 FP
7031710-A	Mopar 1-3/16	18	3.28	2.13	1.57	1.24	1.00	4.79	450 FP
7041710-A	Ford 1-1/8	26	3.28	2.13	1.57	1.24	1.00	4.79	450 FP
7041711-A	Ford 1-1/16	10	3.28	2.13	1.57	1.24	1.00	4.79	450 FP
7061726-A	GM Truck 1-1/8	26	3.28	2.13	1.57	1.24	1.00	4.79	450 FP
7061710-A	GM Truck 1-1/8	10	3.28	2.13	1.57	1.24	1.00	4.79	450 FP
Part No. - B			4.06	2.22	1.57	1.24	1.00	4.79	400 FP
Part No. - C			4.41	2.22	1.57	1.24	1.00	4.79	373 FP

Center Distance	3.50 Inches
Oil Capacity	2 U.S Quarts
Approximate Dry Weight	95 lbs.
Case & Extension Housing	Aluminum
Controls	Side Lever



INPUT SETS

	SPLINE	22T/37T INPUT/CLUSTER
GM 1-1/8"	26	4521826 / 5551837
GM 1-1/8"	10	4521810 / 5551837
Ford 1-1/8"	26	4541826 / 5551837
Ford 1-1/16"	10	4541810 / 5551837
Mopar 1-3/16"	18	4531818 / 5551837



Winners Run RICHMOND!

Transmissions

Street 5-Speed



Replacement Parts

VIEW #	PART NO.	DESCRIPTION	VIEW #	PART NO.	DESCRIPTION
1	1071839	1st Gear Mainshaft 3.28 A Ratio	26	7571532	Mainshaft GM
	1071841	1st Gear Mainshaft 4.06 B Ratio		7572203	4WD Main Shaft
	1071842	1st Gear Mainshaft 4.41 C Ratio	27	7651010	Cluster Shaft
2	1551820	1st Gear Cluster 3.28 A Ratio	28	7774115	Shaft Reverse Idler
	1551517	1st Gear Cluster 4.06 B Ratio	29	7855112	Input ID Bearing
	1551516	1st Gear Cluster 4.41 C Ratio	30	7855716	Center Cluster Bearing
3	2371833	2nd Gear Mainshaft	31	7855306	Rear Cluster Bearing
4	2371528	3rd Gear Mainshaft	31A	7855605	Front Cluster Bearing
5	2471825	4th Gear Mainshaft	32	1000130010	Rear Output Bearing
6	2551525	2nd Gear Cluster B & C Ratio	33	7871030	Rev. Gear Bearing Assembly
	2551826	2nd Gear Cluster A Ratio	34	7871052	2nd & 3rd Gear Bearing Assembly (Not Shown)
7	2551830	3rd Gear Cluster	35	7871142	1st Gear Bearing Assembly (Not Shown)
8	2551834	4th Gear Cluster	36	7899442	4th Gear Bearing Assembly (Not Shown)
9	4521826	Input 26 Spline GM	37	1000130010	Input Bearing
	4531818	Input 18 Spline Mopar	38	8051500	Small Parts Kit
	4541826	Input 26 Spline Ford	39	8071400	Split Thrust Collar 4th Bearing
	4541810	Input 10 Spline Ford 78-83	40	8195086	Bearing Retainer Gasket (All)
11	5271922	Rev. Idler Gear	41	8225750	Input Seal, GM, Ford, Mopar
10	5551837	5th Gear Cluster	42	8251500	Case Plug Kit
12	6251500	Keys & Springs 5-REV	43	8255132	Extension Housing Seal
13	6291034	Keys & Springs 1-2-3-4	44	T90A108	Shifting Arm Seals (3 req.'d.)(Not Shown)
14	6451500	Synchro Brass 5-REV	45	8358112	Shift Arm Bushings
15	1304091002	Synchro Brass 1-2 & 3-4	46	1000127050	Extension Housing Bushing
16	6571837	5-REV Synchro Assembly		8380008	Extension Housing Bushing 9/85 & Newer
16 Alt.	6591700	5-REV Synchro Assy-1 New Bullet Proof	47	1304110002	Speedo Gear (All)
17	6591510	Synchro Assembly 1-2-3-4	48	8624911	Front Bearing Retainer, GM
17 Alt.	6591600	Synchro Assy 1-2-3-4 New Bullet Proof		8625920	Front Bearing Retainer, GM Truck
18	6692012	1-2 Shift Arm		8635307	Front Bearing Retainer, Mopar
19	6655034	3-4 Shift Arm		8644033	Front Bearing Retainer, Ford
20	6691034	5-REV Shift Arm		8644035	Front Bearing Retainer, Ford 78-83
21	6751550	Shift Fork 5-REV	49	9055500	Fastener Kit
22	1304096002	Shift Fork		HN1000	Shifter (Long)
23	6951500	Detent Kit		HN1002	Shifter (Long) 82-90 "F" Body
24	7158113	Main Case (2 Halves)		Sy-1310	Slip Yoke Turbo 400
	7158114	Main Case (2 Halves) 4 WD		Sy-1330	Slip Yoke Turbo 400
25	7221003	Extension Housing GM			
	7241003	Extension Housing Ford & Mopar			
	7252203	4WD Adapter Plate			
26	7541532	Mainshaft Ford & Mopar			

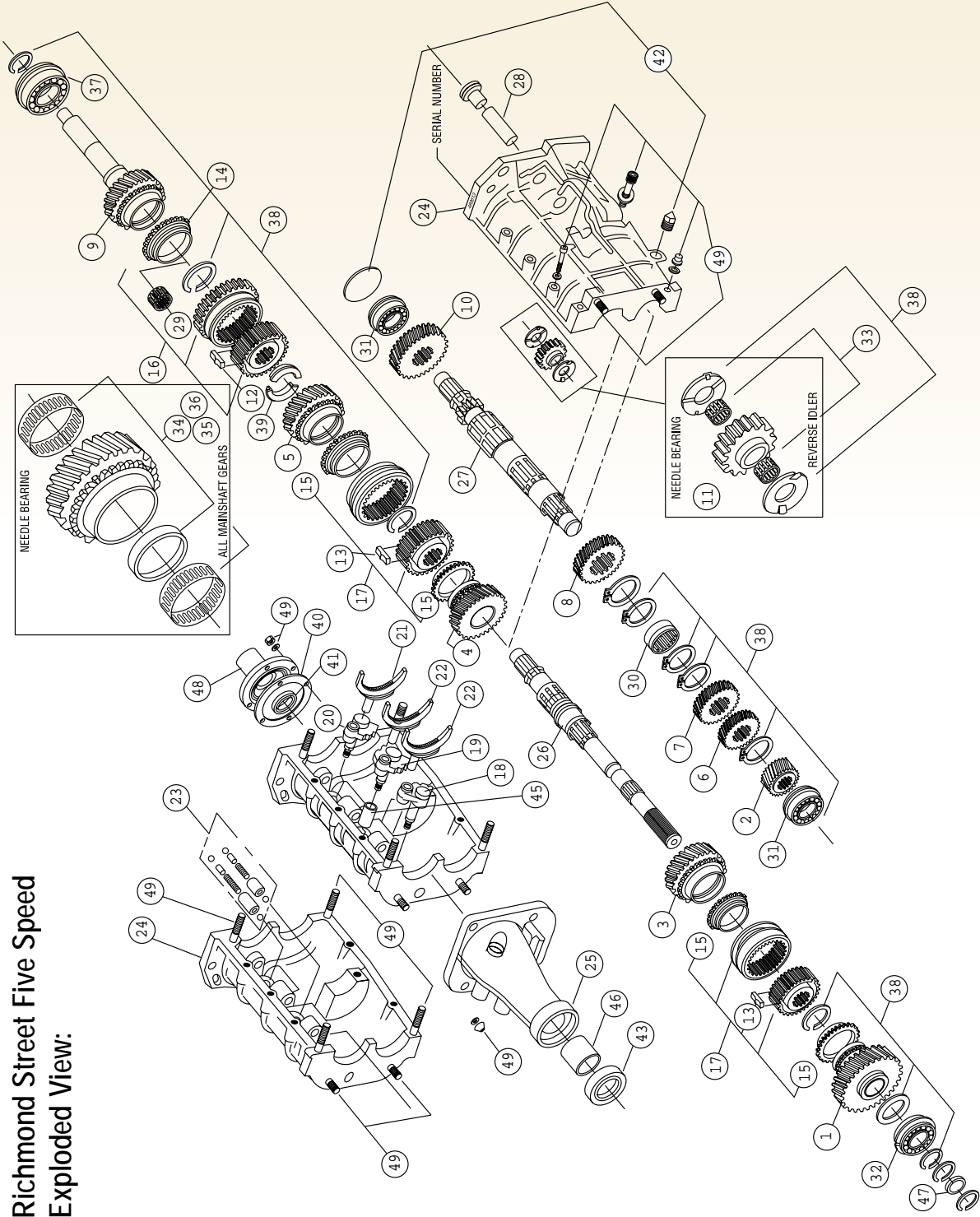




Winners Run RICHMOND!

Transmissions

Street 5-Speed Exploded View



Richmond Street Five Speed
Exploded View:





Winners Run RICHMOND!

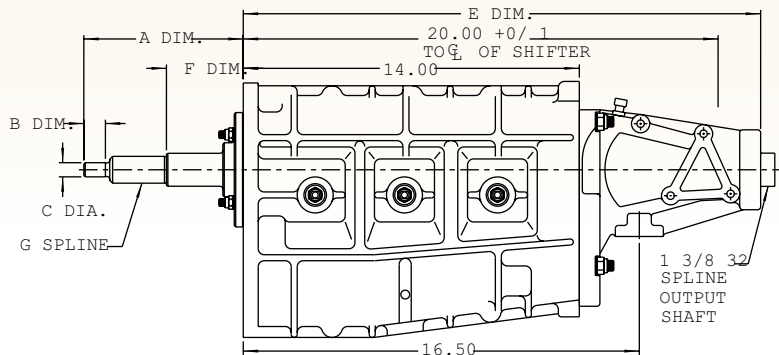
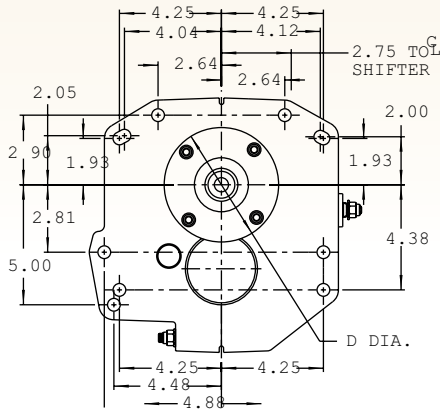
Transmissions

5-Speed Road Race

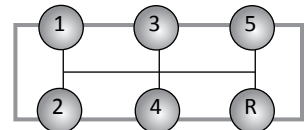
Dimensions



The Richmond Road Race Five Speed transmission is designed for the specific requirements of the road racer. The five speed transmission is assembled in the U.S.A. by American Craftsmen using the latest CNC machining and heat treat. This transmission features NASCAR proven road race style brass and a steel billet front bearing retainer for strength. Available in a wide variety of ratios, this transmission has tremendous torque multiplication and easy serviceability. Fully synchronized for smooth shifting, this five speed meets the challenge of demanding shifting of the road racer!



Shift Pattern:



MOUNTING SPECIFICATION GUIDE

APPLICATION	PART NO.	A DIM.	B DIM.	C DIA.	D DIA.	E DIM.	F DIM.	G SPLINE
Ford	7042726	6.49*	1.14*	.668	4.849	24.00	3.83	1-1/8 - 26
Ford**	7042710	7.18	1.14	.668	4.849	24.00	4.37	1-1/16 - 10
GM	7022726	6.66	1.06	.590	4.683	21.57	3.22	1-1/8 - 26
GM	7022710	6.66	1.06	.590	4.683	21.57	3.22	1-1/8 - 10
GM Truck	7062710	6.66	1.06	.590	5.124	21.57	3.22	1-1/8 - 10
GM Truck	7062726	6.66	1.06	.590	5.124	21.57	3.22	1-1/8 - 26
Mopar	7032718	8.57	2.54	.748	4.807	24.00	4.28	1-3/16 - 18

* For small block engines. For big block, cut pilot (B Dim.) by .38

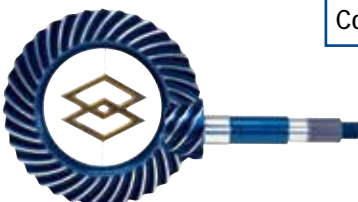
** '78 - '83 (5.0 L)

Center Distance 3.50 Inches
 Oil Capacity 2 U.S Quarts
 Approximate Dry Weight 95 lbs.
 Case & Extension Housing Aluminum
 Controls Side Lever

Use RICHMOND
 Transmission Lube
 Part # TLUBE (pg 126)



Performance Matched For
 WINNERS!





Winners Run RICHMOND!

Transmissions

5-Speed Road Race



Selection Guide &
Input Sets

INPUT SETS

	22T/37T INPUT/CLUSTER	27T/31T INPUT/CLUSTER
GM 1-1/8" - 26 Spline	4521826 / 5551837	4522827 / 5522531
GM 1-1/8" - 10 Spline	4521810 / 5551837	N / A
Ford 1-1/8" - 26 Spline	4541826 / 5551837	N / A
Ford 1-1/16" - 10 Spline	4541810 / 5551837	N / A
Mopar 1-3/16" - 18 Spline	4531818 / 5551837	N / A

TRANSMISSION RATIO SELECTION GUIDE

			MASTER DRIVE SET		22/37	27/31
			DRIVE RATIO		1.682	1.148
GEAR	TOOTH COUNT	SET RATIO	MAINSHAFT GEAR	CLUSTER GEAR	RATIO	
1st	42/16	2.625	1071842	1551516	4.41	3.01
	41/17	2.412	1071841	1551517	4.06	2.77
	39/20	1.950	1071839	1551820	3.28	2.24
	38/21	1.810	1022838	1522821	3.04	2.08
2nd & 3rd	36/22	1.636	2322836	2522822	2.75	1.88
	35/24	1.458	2322835	2522824	2.45	1.67
	33/25	1.320	2371833	2551525	2.22	1.52
	33/26	1.269	2371833	2551826	2.13	1.46
	32/27	1.185	2322832	2522827	1.99	1.36
4th	28/30	0.933	2371528	2551830	1.57	1.07
	25/34	0.735	2471825	2551834	1.24	0.84
	28/31	0.903	2422828	2522831	1.52	1.04
5th	30/29	1.034	2422830	2522829	1.74	1.19
					1.00	1.00





Winners Run RICHMOND!

Transmissions

5-Speed Road Race



Replacement Parts

1ST GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
1	1071842	42/16 Tooth Count
	1071841	41/17 Tooth Count
	1071839	39/20 Tooth Count
	1022838	38/21 Tooth Count

1ST GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
2	1551516	42/16 Tooth Count
	1551517	41/17 Tooth Count
	1551820	39/20 Tooth Count
	1522821	38/21 Tooth Count

2ND & 3RD GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
3 & 4	2322836	36/22 Tooth Count
	2322835	35/24 Tooth Count
	2371833	33/25 Tooth Count
	2371833	33/26 Tooth Count
	2322832	32/27 Tooth Count
	2371528	28/30 Tooth Count

2ND & 3RD GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
6 & 7	2522822	36/22 Tooth Count
	2522824	35/24 Tooth Count
	2551525	33/25 Tooth Count
	2551826	33/26 Tooth Count
	2522827	32/27 Tooth Count
	2551830	28/30 Tooth Count

4TH GEAR (MAINSHAFT)

VIEW #	PART NO.	DESCRIPTION
5	2471825	25/34 Tooth Count
	2422828	28/31 Tooth Count
	2422830	30/29 Tooth Count

4TH GEAR (CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
8	2551834	25/34 Tooth Count
	2522831	28/31 Tooth Count
	2522829	30/29 Tooth Count

INPUT SHAFT (5TH DRIVE GEAR)

VIEW #	PART NO.	DESCRIPTION
9	4521826	22/37 T/C GM 1-1/8" 26 Spline
	4522827	27/31 T/C GM 1-1/8" 26 Spline
	4521810	22/37 T/C GM 1-1/8" 10 Spline
	4541826	22/37 T/C Ford 1-1/8" 26 Spline
	4541627	27/31 T/C Ford 1-1/8" 26 Spline
	4541810	22/37 T/C Ford 1-1/16" 10 Spline
	4531818	22/37 T/C Mopar 1-3/16" 18 Spline

INPUT GEAR (5TH CLUSTERSHAFT)

VIEW #	PART NO.	DESCRIPTION
10	5551837	22/37 Tooth Count
	5522531	27/31 Tooth Count





Winners Run RICHMOND!

Transmissions

5-Speed Road Race

Replacement Parts (con't)

VIEW #	PART NO.	DESCRIPTION
11	5271922	Rev. Idler Gear
12	6251500	Keys & Springs 5-REV
13	1304093020	Keys 1-2-3-4
14	4682AJ	Spring 1-2 & 3-4 ((Not Shown))
15	1304091010	Synchro Brass (All)
16	6591700	5-REV Synchro Assy.-1
17	6591600	Synchro Assy. 1-2-3-4
18	6692012	1-2 Shift Arm
19	6655034	3-4 Shift Arm
20	6691034	5-REV Shift Arm
21	6751550	Shift Fork 5-REV
22	1304096002	Shift Fork
23	6951500	Detent Kit
24	7158113	Main Case (2 Halves)
	7158114	Main Case (2 Halves) 4 WD
25	7221003	Extension Housing GM
	7241003	Extension Housing Ford & Mopar
	7252203	4 WD Adapter Plate

VIEW#	PART NO.	DESCRIPTION
26	7541532	Mainshaft Ford & Mopar
	7571532	Mainshaft GM
	7572203	4 WD Main Shaft
27	7651010	Cluster Shaft
28	7774115	Shaft Reverse Idler
29	7855112	Input ID Bearing
30	7855716	Center Cluster Bearing
31	7855306	Rear Cluster Bearing
31A	7855606	Front Cluster Bearing
32	1000130010	Rear Output Bearing
33	7871030	Rev. Gear Bearing Assy.
34	7871052	2nd & 3rd Gear Bearing Assy.
35	7871142	1st Gear Bearing Assy.
36	7899422	4th Gear Bearing Assy.
37	1000130010	Input Bearing
38	8051500	Small Parts Kit
39	8071400	Split Thrust Collar 4th Bearing
40	8195086	Bearing Retainer Gasket (All)
41	8225750	Input Seal, GM, Ford, Mopar
42	8251500	Case Plug Kit
43	8255132	Extension Housing Seal
44	T90A108	Shifting Arm Seals (3 req'd)(Not Shown)
45	8358012	Shift Arm Bushing
46	8380008	Extension Housing Bushing
47	1304110002	Speedo Gear (All)
48	8622911	Front Bearing Retainer, GM
	8625920	Front Bearing Retainer, GM Truck
	8635307	Front Bearing Retainer, Mopar
	8644033	Front Bearing Retainer, Ford
	8644035	Front Bearing Retainer, Ford 78-83
49	9055500	Fastener Kit
	HN1000	Shifter (Long)
	HN1002	Shifter (Long) 82-90 "F" Body
	Sy-1310	Slip Yolk Turbo 400
	Sy-1330	Slip Yolk Turbo 400



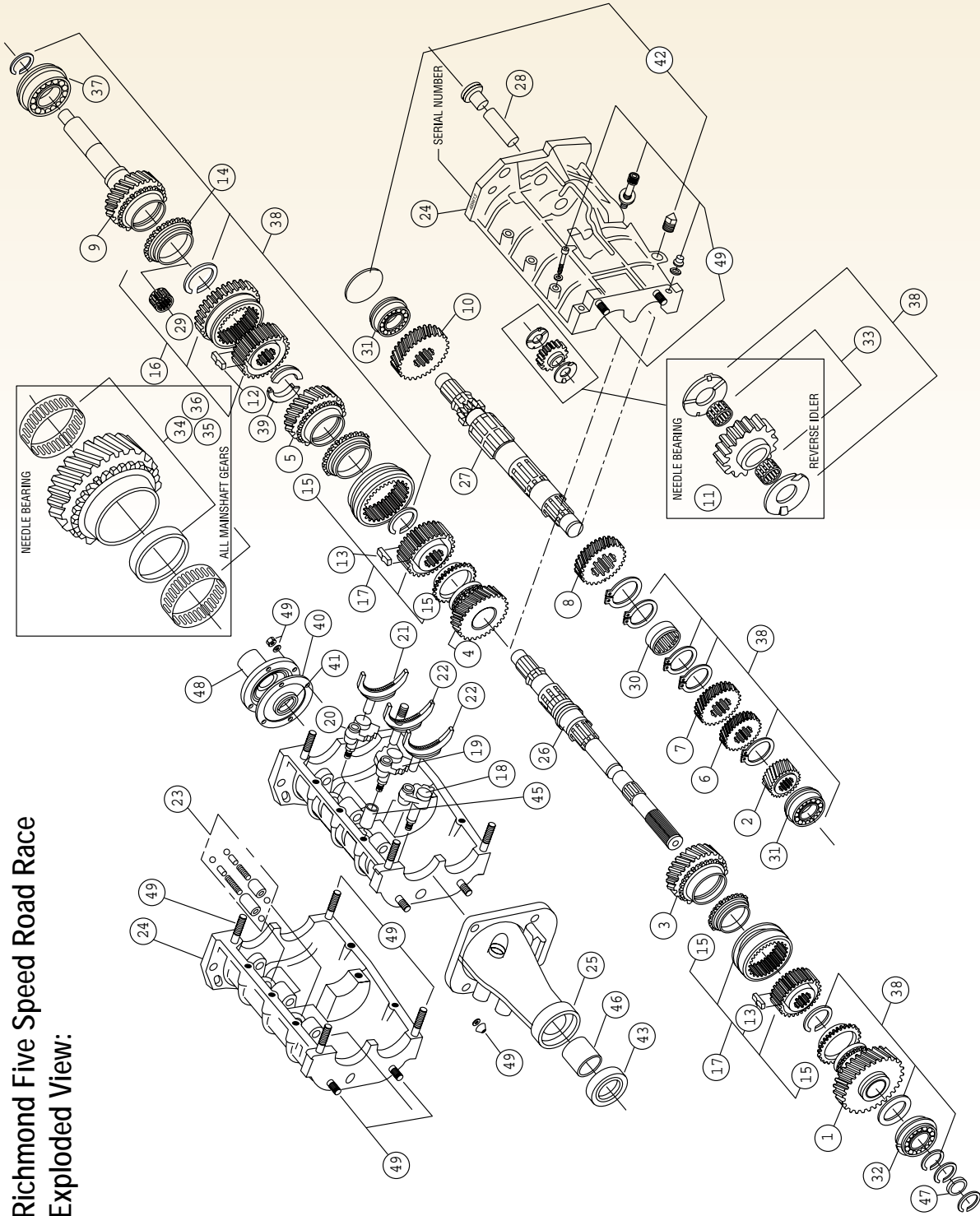


Winners Run RICHMOND!

Transmissions

5-Speed Road Race

Exploded View



Richmond Five Speed Road Race Exploded View:





Winners Run RICHMOND!

Transmissions

Street 5-Speed



How to Make 5th Gear Act Like an Overdrive

Example:

Muncie close ratio is 2.20 1st gear (multiply by the likely rear end) x 4.56 = 10.03

Assume 27" tire, RPM @ 70 MPH = 3972

With 7021710A 5 Speed ratio is 3.28 1st gear (multiply by the likely rear end x 3.08 = 10.10

Assume 27" tire, RPM @ 70 MPH = 2683

2683/3972 = the same as a .68 overdrive!!

Now what?

1. The Richmond 5 Speed can duplicate the Muncie through first 4 gears if you choose.

Muncie Trans Rear Ratio	VS.	RICHMOND Trans Rear Ratio
1st 2.20 4.56 10.03		1st 3.28 3.08 10.10
2nd 1.64 4.56 7.48		2nd 2.45 3.08 7.55
3rd 1.28 4.56 5.84		3rd 1.99 3.08 6.13
4th 1.00 4.56 4.56		4th 1.52 3.08 4.68

The Richmond 5-Speed matches a Muncie!

NOW! Shift into 5th for an absolutely quiet overdrive.

All overdrives are gears under power in mesh. All gears under power make some noise. The Richmond 5-Speed is straight through and **dead quiet!**

OR

2. The Richmond 5-Speed can run 5 gears, all tuned to equal energy.

7021710A has 5 gears to shift with equal splits, but in 5th gear it is 68% less RPM than a Muncie.





Winners Run RICHMOND!

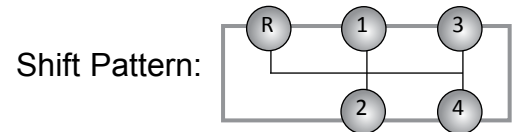
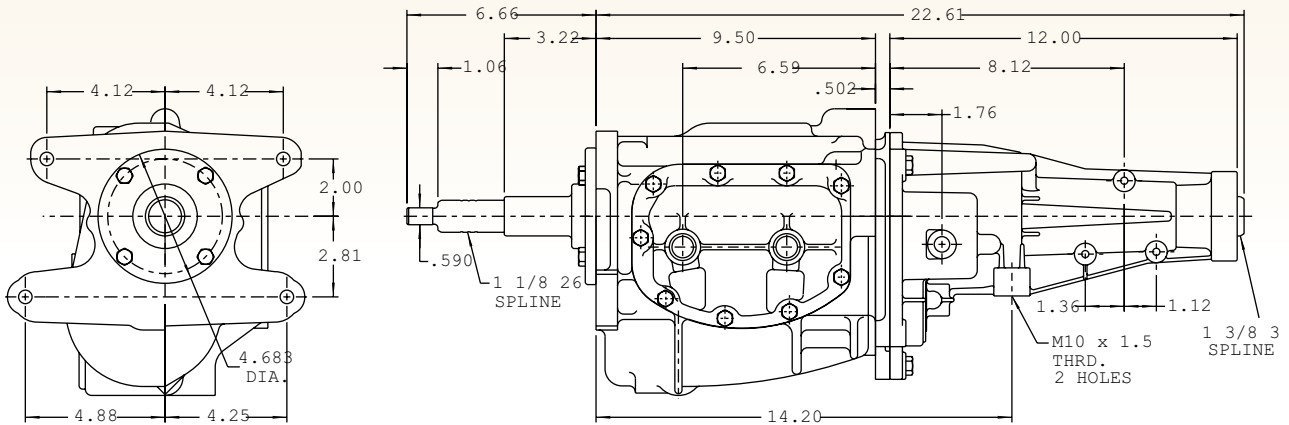
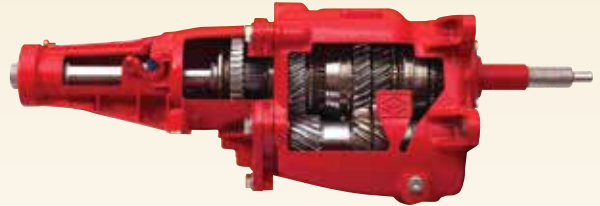
Transmissions

Super T-10 4-Speed

Dimensions

Available in G.M. Applications only.

The Richmond Super T-10 is a four speed countershaft helical gear transmission synchronized in all forward gears. First and reverse are constant mesh to prevent gear clash. Strut-type synchronizers are provided for longer life and easier shifting. The T-10 is used in applications for performance type automobiles and light trucks. The Richmond Super T-10 is the NASCAR standard.



GENERAL SPECIFICATIONS

PART NO.	DESCRIPTION	1ST	2ND	3RD	4TH	REV.	TORQUE
1304000070	2.43 "S" Ratio	2.43	1.61	1.23	1.00	2.35	375 Ft. Lbs.
1304000069	2.64 "W" Ratio	2.64	1.75	1.34	1.00	2.55	325 Ft. Lbs.
7021090	2.64 "X" Ratio	2.64	1.60	1.23	1.00	2.55	325 Ft. Lbs.
1304000072	2.88 "CC" Ratio	2.88	1.91	1.33	1.00	2.78	300 Ft. Lbs.

Center Distance	3.25 Inches
Oil Capacity	2.4 U.S Pints
Approximate Dry Weight	70 Lbs.
Case & Extension Housing	Aluminum
Controls	Side Lever

Use RICHMOND
Transmission Lube
Part # TLUBE (pg 126)



Performance Matched For
WINNERS!





Winners Run RICHMOND!

Transmissions

Super T-10 4-Speed

ASSEMBLIES

PART NO.	DESCRIPTION
1304000069	2.64 W Ratio
1304000070	2.43 S Ratio
1304000072	2.88 CC Ratio
7021090	2.64 X Ratio
1304000062	2.88 Y Ratio
1304000071	3.42 Z Ratio

VIEW #	PART NO.	DESCRIPTION
1	AT10107A	Rear Adapter Assembly
2	T101451/2C	Adapter Gasket
3	T10146 A	Adapter Gasket
4	T1024	Reverse Shift Fork
5	T1035	Reverse Idler Shaft
6	T1088A	Thrust Washer
7	T22110A	Ext. Housing Seal
8	T85B115	Side Cover Gasket
9	T85G25	Spacer
10	T85G26	Input Needle Bearing
11	T86166	Cluster Needle Bearing
12	T89C54	Front Bearing Retainer Seal
14	T90A108	Control Housing Seal
15	8680003	Thrust Washer (2 Required)
16	103565	Taper Pin
17	103905	Woodruff Key
18	1000127050	Extension Housing Bushing
19	1000130010	Mainshaft Bearing
20	1000130010	Input Bearing
21	1304027001	Front Bearing Retainer
22	1304053003	Cluster Bearing Spacer
23	1304053004	Cluster Bearing Washer
24	1304068001	Cluster Shaft
25	1304070002	Reverse Gear All Ratios
26	1304077008	Cluster Gear 2.64 W Ratio
	1304077009	Cluster Gear 2.43 S Ratio
	1304077010	Cluster Gear 2.64 X Ratio
	1304077012	Cluster Gear 2.88 Y Ratio
	1304077016	Cluster Gear 3.42 Z Ratio
	1304077017	Cluster Gear 2.88 CC Ratio
27	1304080004	First Gear W, S, CC, X, Y, Ratios
	1304080023	First Gear Z Ratio
28	1304080001	Second Gear S, W, CC, Z Ratios
	1304080020	Second Gear X, Y Ratios
29	1304080019	Third Gear X, CC, Y Ratios
	T10S11	Third Gear S, W Ratios
	T10U11	Third Gear Z Ratio

Replacement Parts

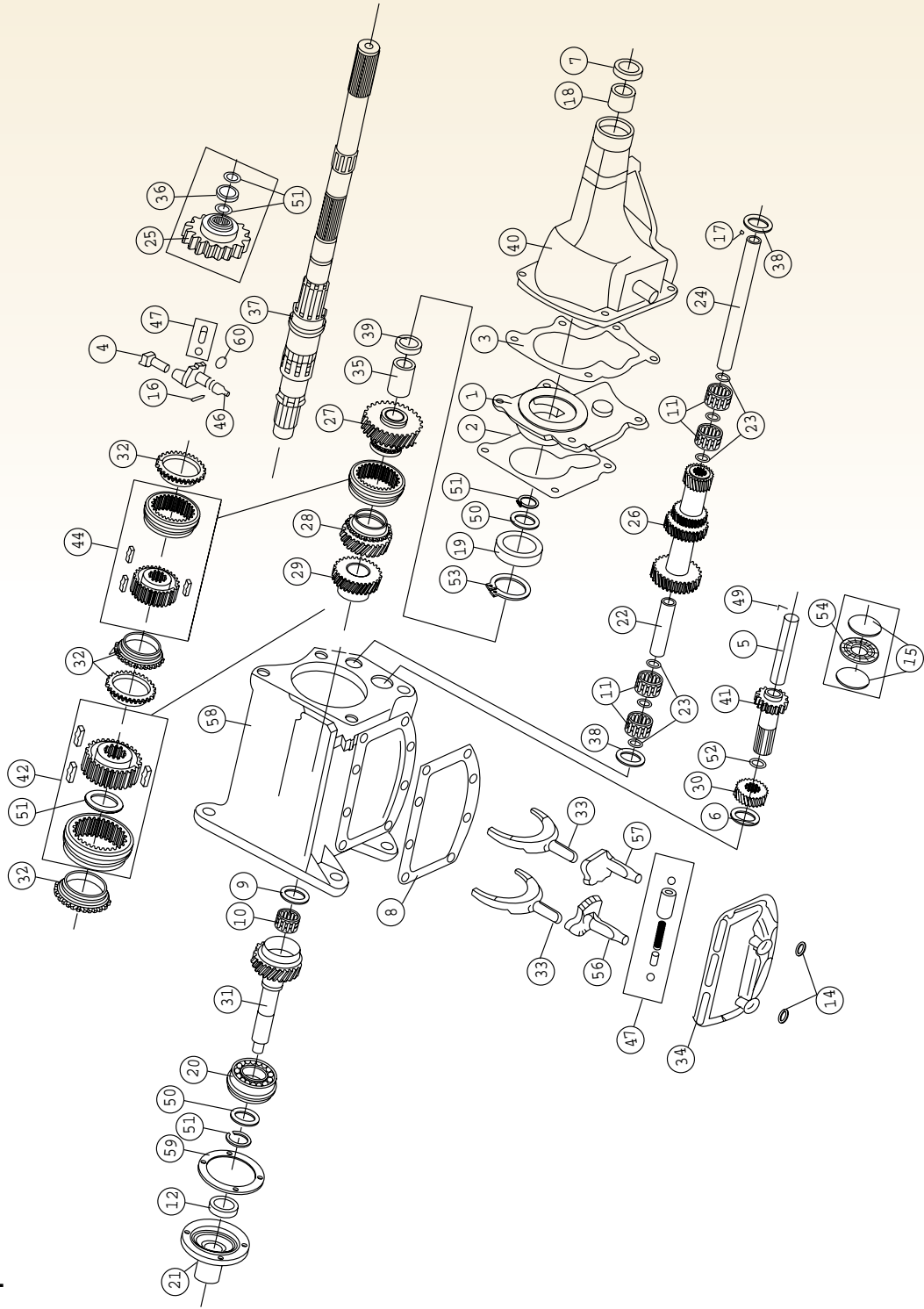
& Assemblies (con't)

VIEW #	PART NO.	DESCRIPTION
30	1304084004	Reverse Gear Z Ratio
	1304084005	Reverse Idler Gear W, S, CC, X, Y Ratios
31	1304085006	Input Drive S Ratio
	1304085016	Input Drive W, X, Ratio
	1304085022	Input Drive CC, Y Ratio
	1304085023	Input Drive Z Ratio
32	1304091002	Brass Snychro Ring
33	1304096002	Shift Fork
34	1304097004	Side Cover
35	1304103001	First Gear Sleeve
36	1304110002	Speed O Gear All Ratios
37	1304171005	Mainshaft
38	1304193101	Thrust Washer
39	1304193002	Thrust Washer
40	1304566005	Extension Housing Assy.
41	1304584002	Reverse Idler Gear Assy. All Ratios
42	1304590007	3-4 Synchro Assy. w/o brass
43	1304590008	3-4 Synchro Assy. w/brass
44	1304590009	1-2 Synchro Assy. w/o brass
45	1304590010	1-2 Synchro Assy. w/brass
46	1304598003	Reverse Shift Cam Assy.
47	1304603010	Detent Kit
48	1304603011	Small Parts Kit (Needle Bearings, Snap Rings, Spacers & Washers) ((Not Shown))
	1304603012	Gasket Kit: 2, 3, 8 & 59 ((Not Shown))
49	456876	Lock Pin
50	4652U	Spacer
51	4734A-E	Snap Ring
52	4821A	Snap Ring
53	4829	Snap Ring
54	7880010	Needle Thrust Bearing
55	6291034	Synchro Key and Spring Kit
56	6680025	3-4 Shift Cam Assy.
57	6692012	1-2 Shift Cam Assy.
58	7180049	Main Case
59	8195086	Bearing Retainer Gasket
60	8280040	"O" Ring
	Sy-1310	Slip Yolk Turbo 400
	Sy-1330	Slip Yolk Turbo 400



Super T-10 4-Speed Exploded View

Richmond Super T-10 Four Speed
Exploded View:





Winners Run RICHMOND!

Transmissions

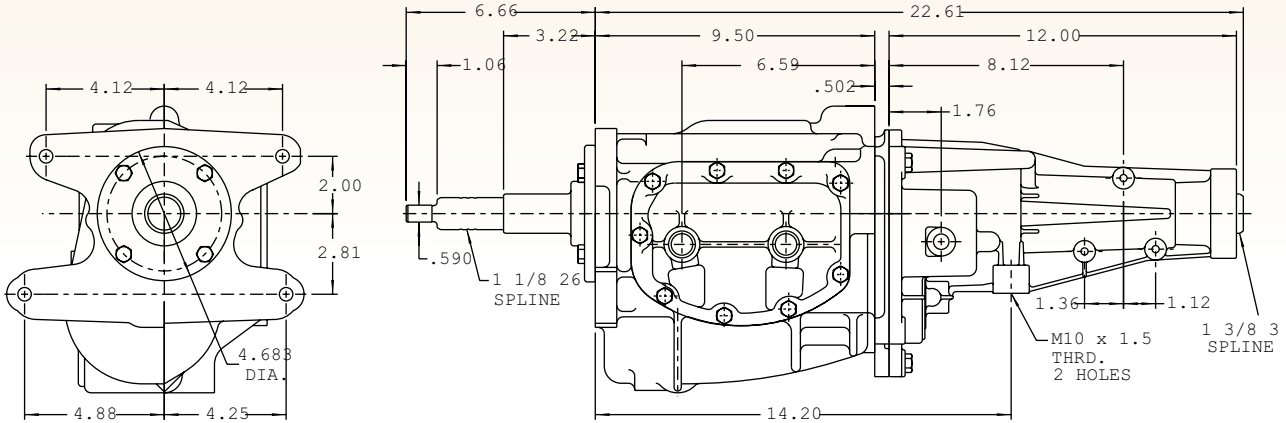
Super T-10 Plus 4-Speed



Dimensions

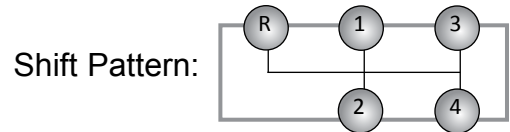
Available in G.M. Applications only.

Designed for the rigors of a road course, the Richmond T-10 Plus is assembled in the U.S.A. by American Craftsmen. Using the latest CNC machining and heat treat, this T-10 is available in a multiple range of ratios. The T-10 Plus combines race proven synchro assemblies and NASCAR proven technology to deliver smoothness and strength needed for the demands of a road course. Engineered with a pro-quality approach, the Richmond T-10 Plus delivers the quality and performance you expect!



SPECIAL FEATURES

- Steel Input Bearing Retainer
- Race Brass Synchro Rings



GENERAL SPECIFICATIONS

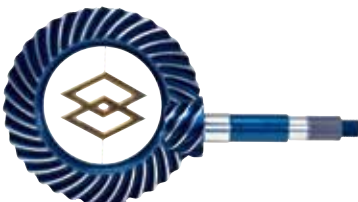
PART NO.	DESCRIPTION	1ST	2ND	3RD	4TH	REV.	TORQUE
7021510	2.43 "S" Ratio	2.43	1.61	1.23	1.00	2.35	375 Ft. Lbs.
7021520	2.64 "W" Ratio	2.64	1.75	1.34	1.00	2.55	325 Ft. Lbs.
7021530	2.64 "X" Ratio	2.64	1.60	1.23	1.00	2.55	325 Ft. Lbs.
7021540	2.88 "CC" Ratio	2.88	1.91	1.33	1.00	2.78	300 Ft. Lbs.
7021560	3.42 "Z" Ratio	3.42	2.28	1.46	1.00	3.51	286 Ft. Lbs.

Center Distance	3.25 Inches
Oil Capacity	2.4 U.S Pints
Approximate Dry Weight	70 Lbs.
Case & Extension Housing	Aluminum
Controls	Side Lever

Use RICHMOND
Transmission Lube
Part # TLUBE (pg 126)



Performance Matched For
WINNERS!





Winners Run RICHMOND!

Transmissions

Super T-10 Plus 4-Speed

ASSEMBLIES

PART NO.	DESCRIPTION
7021510	2.43 S Ratio
7021520	2.64 W Ratio
7021530	2.64 X Ratio
7021540	2.88 CC Ratio
7021550	2.88 Y Ratio
7021560	3.42 Z Ratio

Replacement Parts & Assemblies (con't)

VIEW #	PART NO.	DESCRIPTION
1	AT10107A	Rear Adapter Assembly
2	T101451/2C	Adapter Gasket
3	T10146 A	Adapter Gasket
4	T1024	Reverse Shift Fork
5	T1035	Reverse Idler Shaft
6	T1088A	Thrust Washer
7	T22110A	Ext. Housing Seal
8	T85B115	Side Cover Gasket
9	T85G25	Spacer
10	T85G26	Input Needle Bearing
11	T86166	Cluster Needle Bearing
12	T89C54	Front Bearing Retainer Seal
14	T90A108	Control Housing Seal
15	8680003	Thrust Plate (2 Required)
16	103565	Taper Pin
17	103905	Woodruff Key
18	1000127050	Extension Housing Bushing
19	1000130010	Mainshaft Bearing
20	1000130010	Input Bearing
21	1304027010	Front Bearing Retainer
22	1304053003	Cluster Bearing Spacer
23	1304053004	Cluster Bearing Washer
24	1304068001	Cluster Shaft
25	1304070002	Reverse Gear All Ratios
26	1304077008	Cluster Gear 2.64 W Ratio
	1304077009	Cluster Gear 2.43 S Ratio
	1304077010	Cluster Gear 2.64 X Ratio
	1304077012	Cluster Gear 2.88 Y Ratio
	1304077016	Cluster Gear 3.42 Z Ratio
	1304077017	Cluster Gear 2.88 CC Ratio
	1304077056	Cluster Gear 2.41 T Ratio
27	1304080004	First Gear W, S, CC, X, Y, Ratios
	1304080023	First Gear Z Ratio
28	1304080001	Second Gear S, W, CC, Z Ratios
	1304080020	Second Gear X, Y Ratios
29	1304080019	Third Gear X, CC, Y Ratios
	T10S11	Third Gear S, W Ratios
	T10U11	Third Gear Z Ratio

VIEW #	PART NO.	DESCRIPTION
30	1304084004	Reverse Gear Z Ratio
	1304084005	Reverse Idler Gear W, S, CC, X, Y Ratios
31	1304085006	Input Drive S Ratio
	1304085016	Input Drive W, X, Ratio
	1304085022	Input Drive CC, Y Ratio
	1304085023	Input Drive Z Ratio
32	1304091010	Brass Synchro Ring
33	1304096002	Shift Fork
34	1304097004	Side Cover
35	1304103001	First Gear Sleeve
36	1304110002	Speed O Gear All Ratios
37	1304171005	Mainshaft
38	1304193101	Thrust Washer
39	1304193002	Thrust Washer
40	1304566005	Extension Housing Assy.
41	1304584002	Reverse Idler Gear Assy. All Ratios
42	1304590016	3-4 Synchro Assy. w/ Brass
43	1304590018	1-2 Synchro Assy. w/ Brass
44	1304093020	Keys (All)
45	4682AJ	Springs (All)
46	1304598003	Reverse Shift Cam Assy.
47	1304603010	Detent Kit
48	1304603011	Small Parts Kit (Needle Bearings, Snap Rings, Spacers & Washers) ((Not Shown))
	1304603012	Gasket Kit: 2, 3, 8 & 59 ((Not Shown))
49	456876	Lock Pin
50	4652U	Spacer
51	4734A-E	Snap Ring
52	4821A	Snap Ring
53	4829	Snap Ring
54	7880010	Needle Thrust Bearing
56	6680025	3-4 Shift Cam Assy.
57	6692012	1-2 Shift Cam Assy.
58	7180049	Main Case
59	8195086	Bearing Retainer Gasket
60	8280040	"O" Ring
61	1304090010	1-2 Hub
62	1304090009	3-4 Hub
	Sy-1310	Slip Yolk Turbo 400
	Sy-1330	Slip Yolk Turbo 400
		HB1000S/Shifter



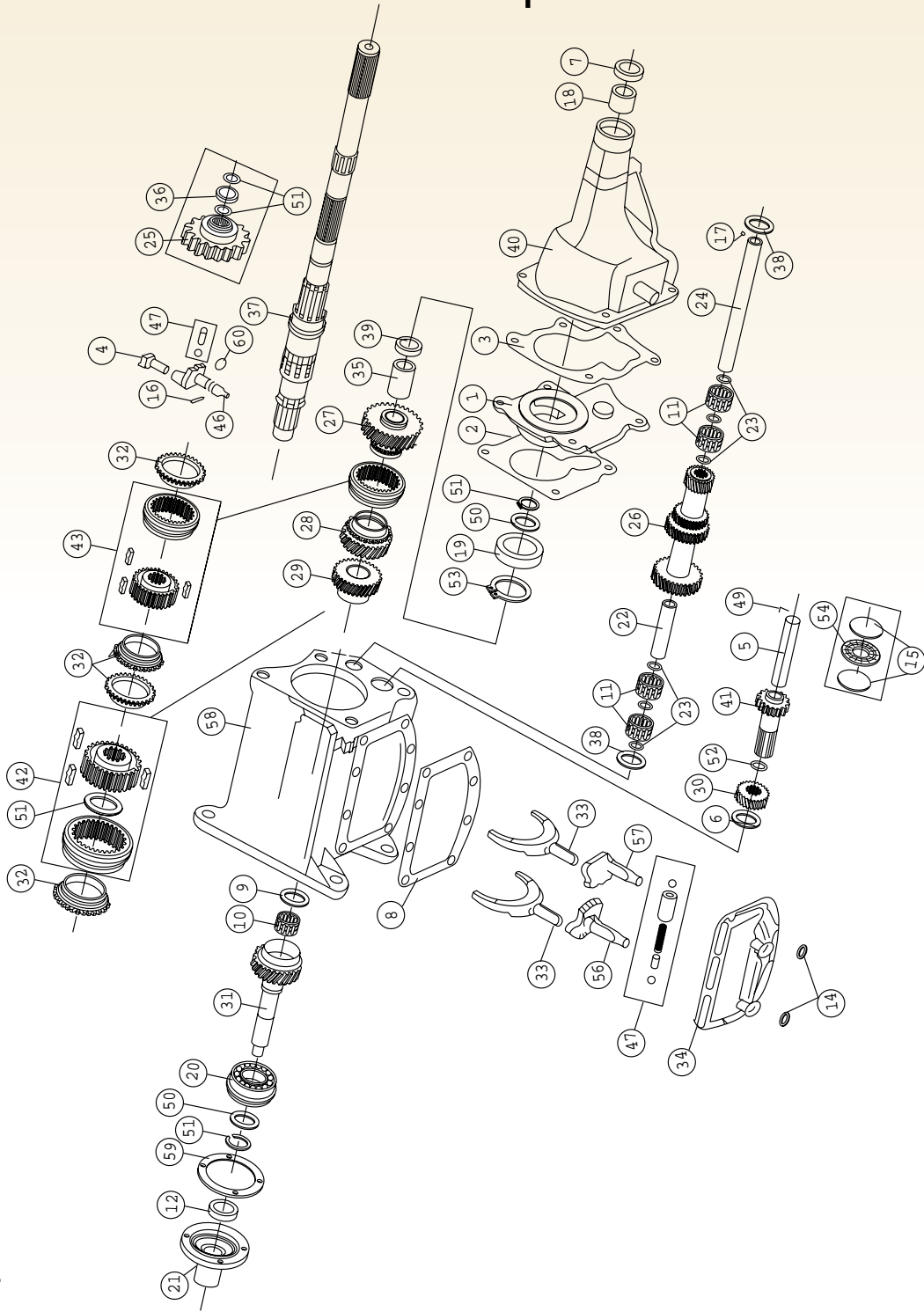


Winners Run RICHMOND!

Transmissions

Super T-10 Plus 4-Speed Exploded View

Richmond Super T-10 Plus Four Speed
Exploded View:





Winners Run RICHMOND!

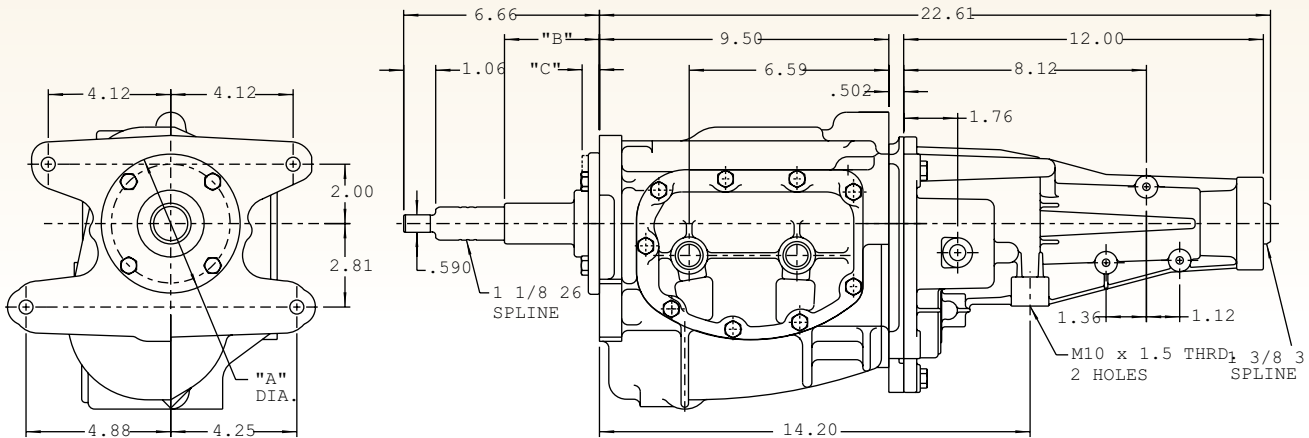
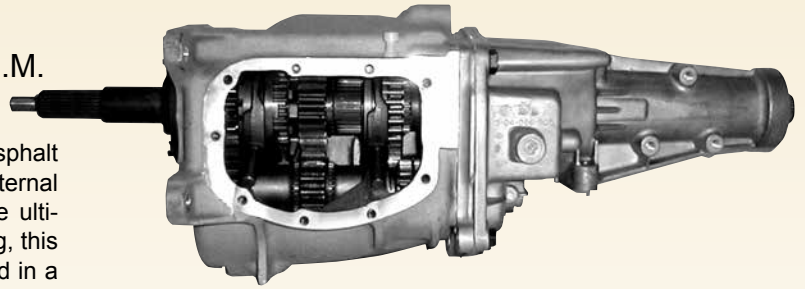
Transmissions

Super T-10 Plus 2-Speed

Dimensions

Available in G.M. 1 1/8-26 Input Spline and G.M. 1 1/8-10 Input Spline.

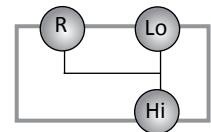
The Richmond Two Speed is designed for either dirt or asphalt racing where the rules stipulate an OEM case with an external clutch. The Two Speed utilizes straight cut gears for the ultimate in strength and durability. The best part is the shifting, this Two Speed uses Dog Rings for clutchless shifting. Offered in a variety of ratios, the two speed will let you get a "jump" on the competition.



SPECIAL FEATURES

- Clutchless Shifting
- Straight Cut Gears
- Legal OEM Case
- Interchangeable Cluster

Shift Pattern:



GENERAL SPECIFICATIONS

PART NO.	SPLINES	RATIO A	RATIO B	RATIO C	RATIO D	RATIO E	RATIO F	RATIO G
7020010	10	1.03	1.12	1.23	1.34	1.46	1.59 -- NEW	1.74 -- NEW
7020026	26	1.03	1.12	1.23	1.34	1.46	1.59 -- NEW	1.74 -- NEW

Center Distance	3.25 Inches
Oil Capacity	2.4 U.S. Pints
Approximate Dry Weight	62 Lbs.
Case & Extension Housing	Aluminum
Controls	Side Lever

Use RICHMOND Transmission Lube Part # TLUBE (pg 126)

Performance Matched For WINNERS!

Also available with the following options:

- 10 Spline Input and 27 Spline Output
- 10 Spline Input and 32 Spline Output
- 26 Spline Input and 32 Spline Output
- Bushing or Roller bearing option in 27 Spline Output
- Bushing only in 32 Spline Output





Winners Run RICHMOND!

Transmissions

Super T-10 Plus 2-Speed

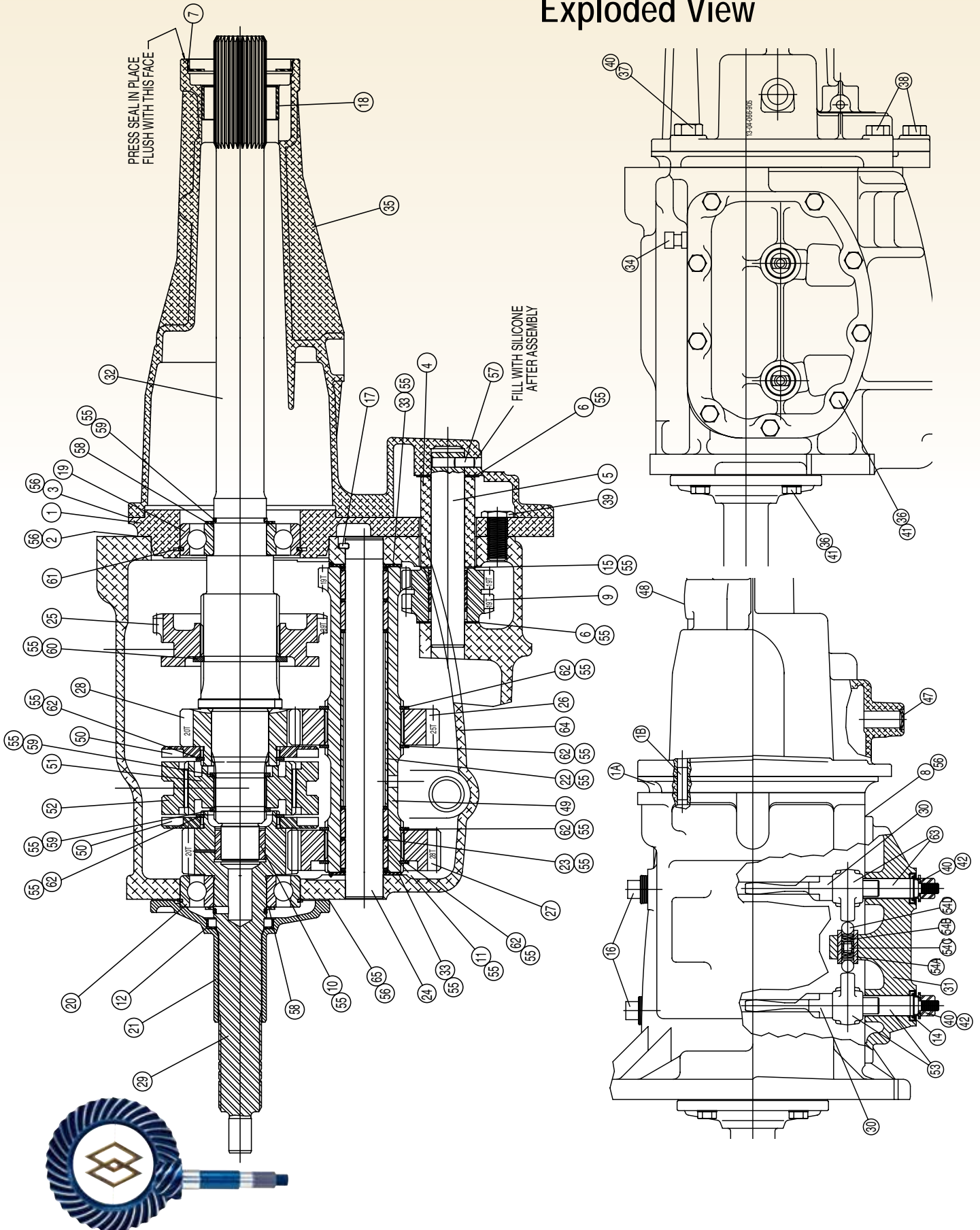
VIEW #	PART NO.	DESCRIPTION	VIEW #	PART NO.	DESCRIPTION
1	AT10107A	Rear Adapter Assembly	32	7520000	Mainshaft
1A	T10107A	Extension Adapter	33	1304193101	Thrust Washer
1B	1000043008	Dowel Pin	34	8256375	Breather Assy
2	T101451/2C	Adapter Gasket	35	1304566020	Extension Housing Assembly
3	T10146 A	Adapter Gasket	36	179817	Bolt
4	6320000	Reverse Idler Shaft	37	179888	Bolt
5	T1035	Reverse Idler Shaft	38	411382	Bolt
6	T1088A	Thrust Washer	39	4737D	Bolt
7	T22110A	Ext. Housing Seal	40	9056601	Washer
8	T85B115	Side Cover Gasket	41	114605	Lock Washer
9	5220000	Reverse Idler Gear	42	9056621	Lock Nut
10	7855112	Input Needle Bearing (Caged)	43	9980025	Rag, Oil Warning, Warranty
11	T86166	Cluster Needle Bearing	44	1000191012	Shipping Cover Rear
12	T89C54	Front Bearing Retainer Seal	45	4681AM	Output Shaft Shipping
14	T90A108	Control Housing Seal			Cover
15	8620000	Thrust Washer	46		Owners Manual
16	1000052021	Pipe Plug	47	095042	Expansion Plug (.625 Dia.)
17	103905	Woodruff Key	48	8220000	Expansion Plug (.875 Dia.)
18	1000127050	Extension Housing Bushing	49	7620000	Cluster Shaft
19	1000130010	Mainshaft Bearing	50	4320000	Dog Ring 1st & 2nd Gear
20	1000130010	Input Bearing	51	6120000	Hub 1st & 2nd Gear
21	1304027001	Front Bearing Retainer	52	6520001	Slider 1st & 2nd Gear
22	1304053003	Cluster Bearing Spacer	53	6620000	Shift Arm Assy 1st & 2nd Gear
23	1304053004	Cluster Bearing Washer	54	1304603010	Detent Kit
24	1304068001	Cluster Shaft	54A	1304103013	Interlock Sleeve
25	6520002	Reverse Slider Gear	54B	T85B42	Spring
26	1520023	First Gear Cluster 23T	54C	T85B87	Interlock Pin
	1520024	First Gear Cluster 24T	54D	453593	Steel Ball
	1520025	First Gear Cluster 25T	55	8020000	Small Parts Kit (Needle Bearings, Snap Rings, Spacers & Washers)
27	2520027	Second Gear Cluster 27T			Gasket Kit - Consists of 2, 3, 8 & 65
	2520028	Second Gear Cluster 28T	56	1304603012	Lock Pin
28	1020020	First Gear Mainshaft 20T			Spacer
	1020021	First Gear Mainshaft 21T	57	456876	Snap Ring
	1020022	First Gear Mainshaft 22T	58	4652U	Snap Ring (Reverse)
29	4520026	Input Shaft (GM 1.125-26 Spline)	59	4734A-E	Snap Ring
	4520010	Input Shaft (GM 1.125-10 Spline)	60	8056694	Snap Ring
	4521026	Input Shaft (GM 1.125-26 Spline)	61	4829	Snap Ring
	4521010	Input Shaft (GM 1.125-10 Spline)	62	8056200	Snap Ring
30	1304096002	Shift Fork	63	6692012	Rev. Shift Cam Assy.
31	1304097004	Side Cover	64	7180049	Main Case
			65	8195086	Bearing Retainer Gasket

RATIO	INPUT	2ND CLUSTER	1ST CLUSTER	1ST MAIN SHAFT
1.03	4521026 (21T) 4521010 (21T)	2520027 (27T)	1520025 (25T)	1020020 (20T)
1.12	4520026 (20T) 4520020 (20T)	2520028 (28T)	1520025 (25T)	1020020 (20T)
1.23	4520026 (20T) 4520010 (20T)	2520028 (28T)	1520024 (24T)	1020021 (21T)
1.34	4520026 (20T) 4520010 (20T)	2520028 (28T)	1520023 (23T)	1020022 (22T)
1.46	4517026 (17T) 4517010 (17T)	2520031 (31T)	1520025 (25T)	1020020 (20T)
1.59	4517026 (17T) 4517010 (17T)	2520031 (31T)	1520024 (24T)	1020021 (21T)
1.74	4517026 (17T)			



Super T-10 Plus 2-Speed

Exploded View



RICHMOND GEAR INSTALLATION INSTRUCTION VIDEO

It is our strong recommendation that you read this set of instructions very carefully before beginning the actual gear set installation, since no gear set can be expected to withstand the abuse of performance applications if not carefully and properly installed. An extra ten minutes at this point could spell the difference in regard to safety and extended gear life...or a prematurely failed gear set. Don't rush the installation! It can be a foolish waste of time.



The RICHMOND GEAR INSTALLATION INSTRUCTION VIDEO is designed for you to see how to properly install ring and pinion gear sets.

Applications covered in this video include:

American Motors • Chevrolet 10 bolt 1955-1964 • Chrysler 8.25" • Chrysler 8.75" and 9.25" • Corvette 1955-1962 • Corvette 1963 - present • Dana 28-44-60 • Ford 8"-8.8"-9"-7.50" • GM 10 Bolt • GM 12 Bolt car and truck • Oldsmobile and Pontiac 1957-1964 • Toyota

Available through your local RICHMOND GEAR Distributor.

VERIFY RATIO BEFORE ASSEMBLY

STEP 1. Remove the gears to be replaced and thoroughly clean both the gear carrier and housing with solvent to remove any gear/bearing residue, which could lead to abrasive failure of the new gear set. After cleaning, dry-wipe (or air-dry) all disassembled parts, housings, and covers.

STEP 2. Examine the ring gear mounting surface for nicks or burrs which might prevent total landing of the newly installed ring gear. Ring/pinion tooth depth variations can result from a ring gear that is "cocked" on its mounting surface. If a ring gear spacer is to be used, also

check it for similar surface imperfections, dressing these with block backed pieces of grit paper or a small file. Following material removal (from ANY part of the assembly), bathe the pieces in the solvent and wipe or air-dry.



NOTE:
Spacers

not normally recommended

Location of backlash dimension & gear serial no. on ring gear

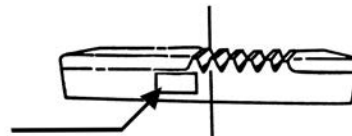
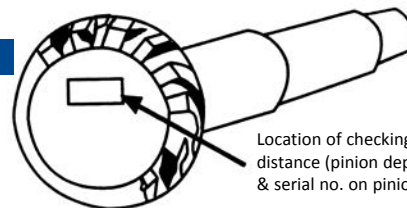


Illustration A

Illustration B

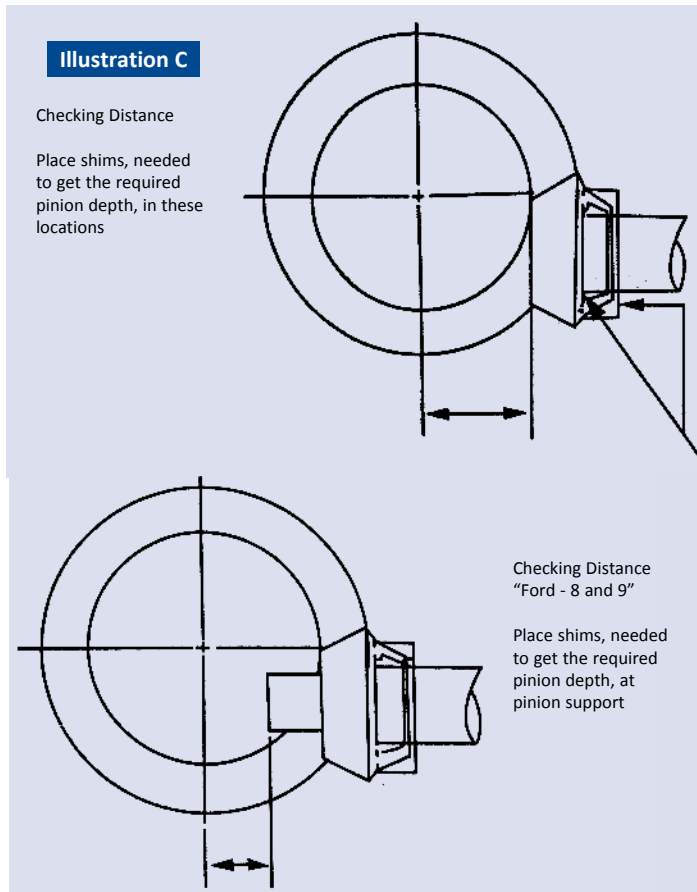


Location of checking distance (pinion depth) & serial no. on pinion

STEP 3. Study the illustrations provided with these instructions. Familiarize yourself with the terms "backlash" and "pinion depth" (sometimes called checking distance). Each set of gears is a matched pair which has been prerun on a gear test machine. Consequently, the pair should never be mixed with other rings or pinions. Also, since all gear sets have been run-checked, specific settings are supplied with each ring/pinion pair. These specifications vary from set to set. Backlash settings are marked on the outside diameter face of the ring gear as follows (see illustration A): Ref: BL.008, which means a backlash figure of .008 inch at the closest point. Pinion depth settings (or checking distance) are marked on the face of the pinion gear as follows (see illustration B): Ref: CD 2.799, which means distance of 2.799 inches from centerline of the ring gear to pinion face. Dimensional variations for backlash SHOULD NOT EXCEED .004" variation. **Example: If backlash is .008, the backlash -- including maximum variation -- should be .008-.012.**

STEP 4. When installing the pinion gear you must check its depth in the housing as per the pinion depth dimension. Add or subtract pinion depth shims to arrive at the checking distance etched on the surface of the pinion face. (See illustration C.). Refer to Helpful Hints & Additions to Richmond Gear Installation Instructions.

STEP 5. Using a new crush collar or preload shim pack,



set the pinion rotating torque to 10-15 (used bearings) 20-25 (new bearings) inch pounds. For oval track applications when not using a cooling pump, set at 16-17 inch pounds on new bearings and 10 inch pounds maximum on used bearings.

STEP 6. After correct installation of the pinion gear, position the ring gear and check for backlash. Mount a magnetic-base dial indicator on the axle housing in such a way that the indicator plunger will be moving in a line that is tangent to rotation of the ring gear. This will provide you with a backlash reading which should conform to the figure etched on the side of the ring gear. Again, maintain a tolerance of .004 variation. Example: If backlash is .008, the backlash - including maximum variation - should be .008-.012. (Backlash is always measured in 3 or more places equally spaced around in the ring gear.) Note:

For oval track racing set BL at approximately .012-.014 inches.

STEP 7. Compensation for variations in this setting can be made by side-adjustment of the ring gear. Adjusting rings or side-shim packs can be changed to bring the backlash and rotating torque figures into tolerance. (Use same torque on gear bearings as on pinion bearings.) You are now ready to check the tooth contact pattern to assure that no accidental departures from the factory-marked specifications have been made. Apply a thin coat of RICHMOND GEAR compound ("Part # 55-0001-1") on gear teeth for best results. Tooth contact patterns should comply with those shown on next page. (Note rounded or bullet nose shape at heel end of pattern on Gear drive sides).

If the pattern is not in those approximate positions, reset the pinion depth and reset gear backlash until the patterns are closer to the above diagram. Pinion and/or gear should not be adjusted to try to achieve a deeper pattern. The length of the pattern may vary with the amount of the load applied during the check procedure.

If satisfactory pattern results cannot be obtained after a reasonable adjustment, return the gear set to RICHMOND GEAR for evaluation. An accurate evaluation can not be obtained on a used set.

STEP 8. Fill the gear case with sufficient amount of RICHMOND GEAR 75-140 Synthetic Gear Lube and maintain the proper level at all times. Proper maintenance is a must to protect your safety and working life of your gear set. Check oil level between scheduled oil change to insure that proper oil level is maintained. Inspect vent plug to insure it is clean and operating. Inspect oil leakage, excessive heating, or any unusual noise or vibration. Note: For oval track racing, add 2 to 3 additional pts. gear lube.

RICHMOND GEAR OIL



75-140 Synthetic Oil.

GL6 with Limited Slip Additive
1 U.S. Quart / 0.946 Liter



INSTALLATION INSTRUCTIONS

FINAL RESULTS

Properly designed, manufactured, and maintained RICHMOND GEAR gears, correctly assembled by you in a clean rigid gear box, and operated with the proper lubricant, should result in safe and satisfactory performance. Be sure you select the proper application for your gear set.

For any questions concerning these installation instructions, please contact:

RICHMOND GEAR TECH LINE

WARRANTY

Warranty is limited to material and/or workmanship defect at time of shipment from the factory, and in no event shall seller have any liability for consequential damages of any kind resulting from a breach of this warranty. This warranty will be void on all products that show evidence of misapplication, improper installation, abuse, lack of proper maintenance, negligence, or alteration from original design. This warranty is in lieu of any other warranties, either express or implied, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR ANY PARTICULAR PURPOSE.

ADDITIONAL INFORMATION

Buyer shall be solely responsible for determining the adequacy of the product for any and all uses to which buyer shall apply the product. The application by buyer shall not be subject to any implied warranty of fitness for that particular purpose. The manufacturer makes no warranty or representations, expressed or implied, by operation of law or otherwise as to the merchantability or fitness for a particular purpose of the goods sold hereunder. Buyer acknowledges that it alone has determined that the goods purchased hereunder will suitably meet the requirements of their intended use. In no event will the manufacturer be liable for consequential, incidental or other damages.

These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency to be met in connection with selection, installation, operation, lubrication, and maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purpose, the matter should be referred to RICHMOND GEAR.

BREAK IN

A new ring and pinion installation, especially a high numeric ratio with new bearings, can cause an excessive heat buildup in the rear end and cause softening of the gear teeth and bearings if a break in is not performed.

Street vehicles should be driven at normal street driving speed for approximately 10 miles, then stop and let cool for 30 minutes. Do this 2 to 3 times. Towing vehicles need approximately 200 to 300 miles of normal street driving before being used for towing.

On circle track race cars make approximately 6 to 8 laps at slow speed, then let cool for 30 minutes. Make 6 to 8 more laps at slow speed, then 2 to 3 laps at full speed, then let cool again for 30 minutes.

Drag cars need only an initial run-in since they are driven short distances and heat is not normally a problem with proper lube and backlash allowance.

NOTE: If after the above break in is performed, overheating of the rear end is suspected, repeat the final portion of the break in procedures.

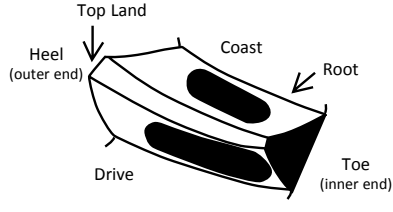
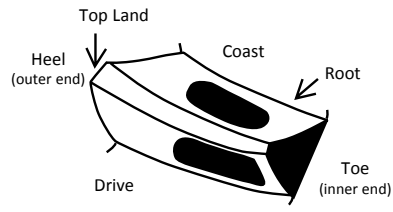
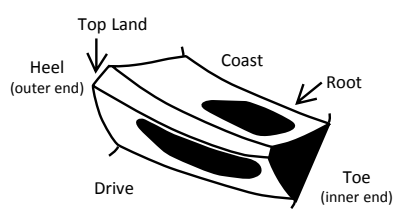
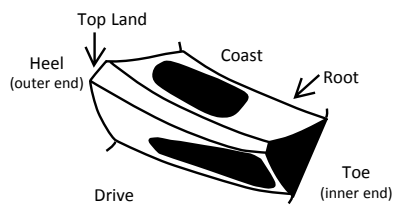
HELPFUL HINTS & ADDITIONS TO RICHMOND GEAR INSTALLATION INSTRUCTIONS

After completely reading instructions, go back to step #4. The following group of shim thickness are only if you do not have access to a pinion depth gauge or the old shim from the old pinion to start with. G.M.- .035, Ford 8-9" - .020, Ford 8.8 - 7.5 - .030, All Dana's- .035, 8-3/4 x 1-3/4 pin, - .090, 8-3/4 x 1-7/8 pin, - .020, Mopar- 9-1/4 - .020.

Pinion depth shims are located underneath the rear pinion bearing cone that is pressed on pinion with exception of the Dana Models. Dana pinion depth shims are underneath the rear pinion bearing cup in the housing. Dana carrier bearing preload shims are between carrier and bearing cone. All others are on the outside of bearing cup unless spanners are used as in the Ford 8 and 9 inch, both 8-3/4 and Mopar 9-1/4. Ford 8 and 9 inch pinion depth is regulated by shims between pinion support and chuck or center section.

Step #5 - If crush collar is used to set bearing preload, do not use until you have established pinion depth and backlash and you are satisfied with the pattern you get. You can simulate pinion bearing preload by tightening pinion nut until the right preload is achieved with only motor oil on the pinion bearings. The crush collar and pinion seal should be last to install.

TOOTH CONTACT CHART

	Ring Gear Tooth Contact	Coast Side	Drive Side	Condition	Remedy
A		49-Series Ideal Pattern		IDEAL PATTERN	V/A
B		69-79-Series Ideal Pattern		IDEAL PATTERN	N/A
C		All Series - Pattern Too High		HIGH TOOTH CONTACT heavy on the top of the drive gear tooth profile	Move the Drive PINION DEEPER into MESH.
D		All Series - Pattern Too Low		LOW TOOTH CONTACT heavy on the root of the drive gear tooth profile	Move the Drive PINION OUT of MESH.

TORQUE SPECIFICATIONS

RING GEAR BOLTS GRADE 8

3/8" x all lengths	60-65 ft lbs.
1/2" x all lengths	100-110 ft lbs.

CARRIER CAP BOLTS

7/16" (5/8" head)	60-65 ft lbs.
1/2" (3/4" head)	80-85 ft lbs.

Step #7-G.M. rear cover style housings use shims on the outside, between bearing cup and housing, adjusting backlash and carrier bearing preload. If starting with a bare housing, or you are installing a spool or different carrier, before you mount the ring gear, establish equal shim pack on each side of carrier and enough to create a drag when you slide it in and out of the housing by hand. Keep in mind you should keep the thickest shim next to the bearing cup. With a little loctite on the threads of the ring gear bolt, mount gear to carrier or spool. After adjusting shim pack

to get proper backlash and once you have established your pattern, remove carrier and pinion. Now is the time to install crush collar and pinion seal. NOTE: Always use loctite on the pinion nut. If you do not have a rear end housing spreader, you will have to work at installing the carrier once you add more shim to preload the carrier bearings. As a rule of thumb all carrier bearings will require .010 preload. After adding .005 to each side of the shim pack, coat surfaces of the shims with axle bearing grease to hold them in the housing, make sure the cups stay straight. Using a plastic or brass hammer, gently pound on bearing cups side to side until carrier has seated in housing. Again, it is important that you keep the cups straight during this operation. A spreader is almost necessary for all Dana Model rear ends. Torque caps to proper torque value.

SPORTSMAN Ring And Pinion Sets



RING AND PINIONS

Performance is the focus of today's 4-Wheel Drive, Light Trucks, SUV's, Off-Road and Street Performance vehicles. To meet your performance demands, RICHMOND GEAR has specifically designed and built the SPORTSMAN ring and pinion. The SPORTSMAN line provides you performance product at a more affordable price. Based on the RICHMOND Hi-Performance line of racing gears, SPORTSMAN is built on the same principals that keep RICHMOND the leader in hi-performance gearing. SPORTSMAN is a result of continuing research and development, outstanding design and state of the art manufacturing. With over 100 years of winning customer satisfaction, you can count on the new SPORTSMAN line of ring and pinions to deliver the value and performance you demand.



- 4-Wheel Drive
- Light Truck
- SUV
- Off-Road
- Street Performance



SPORTSMAN Ring And Pinion Sets



SPORTSMAN

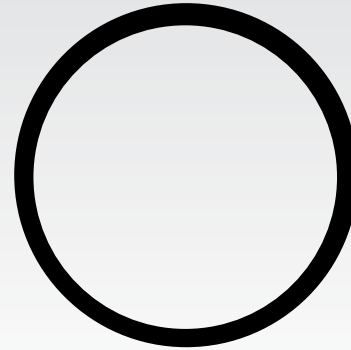
by 



- A new line of performance ring & pinion - at a more affordable price!
- Specifically designed for 2 & 4 Wheel Drive, Off-Road, Truck and SUV applications.



MODEL	YEAR
Ambassador	1968-1974
AMX	1968-1979
CJ	1976-1986
Concord	1978-1979
Gremlin V-8	1970-1976
Hornet V-8	1973-1977
Javelin V-8	1970-1974
J10	1980-1986
Matador	1972-1978
Pacer V-8	1978-1979
Scrambler	1976-1978
Sprint V-8	1979
Wagoneer	1979-1986



RATIO	PART NO.	TEETH
3.54	SAM2001	39-11
3.73	SAM2002	41-11
4.10	SAM2003	41-10
4.56	SAM2004	41-9

NOTES: fits cases 3.08 and numerically higher

- 10 1/32" x 10 25/64"
- 8.875" Diameter Ring Gear
- 1.625" Diameter Pinion
- 8 7/16" x 20 RH Threaded Bolts
- 28 Splines

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT

PART NO.

R20RMKT

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

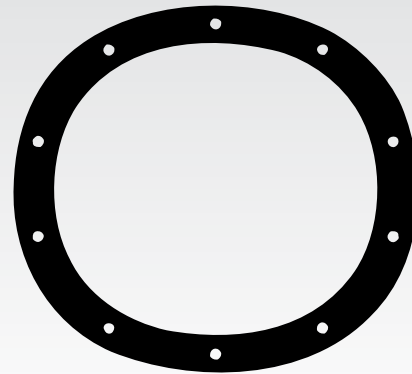
SPOOL BEARING KIT

PART NO.

Contact Factory



MODEL	YEAR
Cars, various passenger	67-89
B100, B150, B200, B250	69-03
B, D, W100	66-93
Aspen, Volare	76-80, 07-09
Barracuda, Challenger	70-74
Charger, Coronet	69-78
Cherokee (XJ), Comanche	91-01
Chrysler 300	72-79
Cordoba	75-83
Dakota	87-11
Dart	73-76
Diplomat, LeBaron	77-89
Durango	98-08
Fifth Avenue, New Yorker	72-89
Fury, Gran Fury	67-89
Imperial	81-83
Liberty	02-12
Magnum	78-79
Miranda	80-83
Newport	72-81
Polara, Satelite	67-74
St. Regis	79-81
Ramcharger, Trailduster	78-93



- 11-3/8"
- Oval Cover 10 Holes
- 10 Bolt
- 8.250" Diameter Ring Gear
- 1.626" Diameter Pinion
- 27 Splines

RATIO	PART NO.	TEETH
3.55	SCR82502	39-11
3.91	SCR82503	43-11
4.10*	SCR82504	41-10
4.56*	SCR82505	41-9

Fits 2.73 ratio and numerically higher carrier.

* Cross shaft pin 80-0278-1 required.

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil



INSTALLATION KIT

PART NO.	
83-1070-1	Most Except XJ
83-1070-B	Half-Kit
83-1071-1	97-01 XJ Cherokee
83-1071-B	Half-Kit

SPOOLS

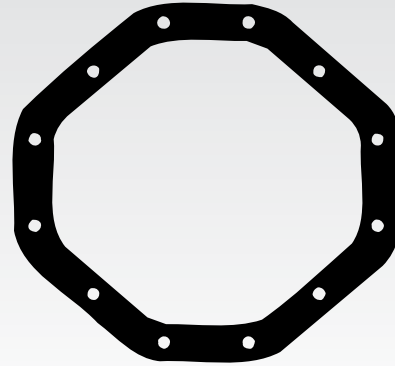
PART NO.	SPLINE	CARRIER
Contact Factory		

SPOOL BEARING KIT

PART NO.
Contact Factory



MODEL	YEAR
Aspen	07-09
Cordoba	75-79
Dakota	87-10
Durango	98-08
Fury, Gran Fury	73-81
Newport	73-81
New Yorker	74-81
Charger	74-78
Monaco	73-78
Polara	73
Ramcharger	74-93
Roadrunner	73-75
Trailduster	74-81
B100, B150, B250, B350	74-03
D300, D350	74-93
D & W100, W150, Ram 1500	74-Present
D & W200, W250, Ram 2500	74-02



- Irregular Cover
- 12 Holes
- 12 Bolt
- 9.25" Diameter Ring Gear
- 1.877" Diameter Pinion
- 29 Splines

RATIO	PART NO.	TEETH
3.55	SCR92502	39-11
3.91	SCR92504	43-11
4.10	SCR92505	41-10
4.56	SCR92506	41-9

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

- 83-1041-1
- 83-1041-M
- 83-1041-B Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

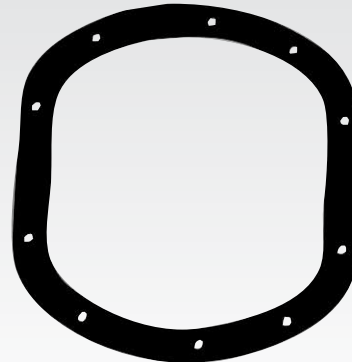
PART NO.

Contact Factory



MODEL	YEAR
American Motors	
Eagle (Front)	80-88
Ford	
Aerostar (Rear)	86-91
Bronco (Front)	67-71
International	
Scout (Front)	68-77
Jeep	
CJ (Front)	71-86
Jeepster (Front)	72-73
Wrangler TJ	97-06**
Wagoneer (Front)	71-73
ZJ	
Grande Cherokee (Front)	92-96
Grande Cherokee (Front)	96-98**

(92-96 ZJ - must use with our complete Master Kit - see application guide)



RATIO	PART NO.	CARRIER	TEETH
3.54	SD3002	2	39-11
3.73	SD3003	3	41-11
4.10	SD3004	3	41-10
4.56	SD3005	3	41-9
**4.56	SD30J04	3	41-9
4.88	SD3006	3	39-8
**4.88	SD30J05	3	39-8

NOTES: 2 fits cases 3.54 and numerically lower carrier; 3 fits 3.73 and numerically higher carrier.

** TJ Style Dana 30 only

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil



- 9-3/16" x 8-3/4"
- 10 Bolt
- 10 Holes Oval
- 7.2" Diameter Ring Gear
- 1.376 Pinion Stem
- 26 Splines

INSTALLATION KIT

PART NO.

83-1058-1 (All Except ZJ/TJ Frt.)

83-1056-1 (TJ Style Only)

R30FRMKT (92-96 ZJ Style Only)

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory



Dana 30 Reverse

MODEL	YEAR
-------	------

Jeep

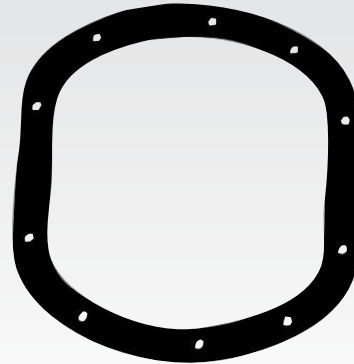
Cherokee XJ (Front)	84-99
Wrangler YJ (Front)	87-96
Comanche MJ (Front)	86-92



RATIO	PART NO.	TEETH
-------	----------	-------

3.54	SD30R01	39-11
3.73	SD30R02	41-11
4.10	SD30R03	41-10
4.56	SD30R04	41-9
4.88	SD30R05	39-8

NOTES: When replacing a 3.54 and numerically lower with a 3.73 or higher, the case must be changed to a 3.73 and numerically higher case



- 10 Bolt
- 10 Holes Oval
- 7.2" Diameter Ring Gear
- 1.357 Pinion Stem
- 26 Splines

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT

PART NO.

83-1058-1

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

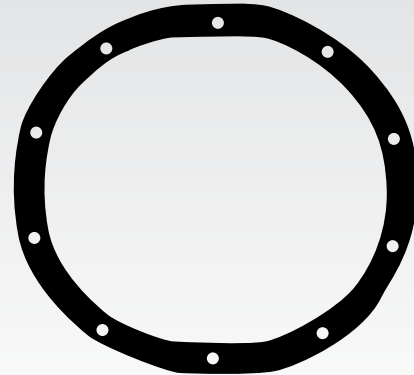
SPOOL BEARING KIT

PART NO.

Contact Factory



MODEL	YEAR
AMC Various	70-88
Dodge	
Dakota (Front)	97-99
Durango (Front)	97-99
Ford	
Ranger (Front)	98-11
Explorer (Front)	95-05
Jeep	
Cherokee (Rear)	84-01
Comanche (Rear)	86-92
Wrangler (Rear)	87-06
Grand Cherokee	92-04



RATIO	PART NO.	CARRIER	TEETH
3.55	SD3501		39-11
3.73	SD3502		41-11
4.10	SD3503		41-10
4.56	SD3504		41-9
4.88	SD3505		39-8

NOTES: fits case 3.54 and numerically higher.

- 7.562" Diameter Ring Gear
- 1.376" Diameter Pinion
- 8 3/8" x 24 RH Threaded Bolts
- 26 Splines

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil



INSTALLATION KIT

PART NO.

- 83-1060-1
- 83-1060-B Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

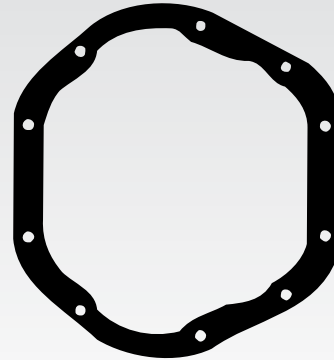
PART NO.

Contact Factory



Dana 44

MODEL	YEAR
Dodge	
Ramcharger Trailduster	74-93
W100, W150 (Front), Ram 1500	69-02
W200, W250 (Front), Ram 2500	69-02
W300, W350 (Front)	69-74
Ford	
Bronco & U100 (Front)	70-77
Cobra	63-67
4x4 F100, F150 (Rear)	62-69, 77-79
4x2 F100, F150 (Rear)	59-68, 77-79
F250	67-77
Thunderbird (Rear)	55-56
GM	
Corvette (Rear)	80-82
Chevrolet K-10, K-20 (Front)	67-79
Chevrolet K30, K35 (Front)	67-76
C10, C15 (Rear)	60-70
Blazer (Front)	75-79
International	
Scout (Front & Rear)	67-80
Models 100, 150, 200, 1100, 1200, 1210 (front & Rear)	66-75
Jeep	
Comanche (Rear)	86-92
Cherokee (Rear)	76-92
Grand Wagoneer (Front)	84-92
Jeep C101 (Rear)	67-72
Jeep CJ5 (Front & Rear)	67-75
Jeep CJ7 (Front & Rear)	67-75
Jeep Wagoneer (Front & Rear)	68-83
J10, J20 (Front)	74-86
Jeepster (Rear)	72-73
Scrambler (Rear)	72-75
Wagoneer (Front)	74-83
Wagoneer (Rear)	72-79
TJ (Rear)	97-06



- 9-3/8" x 10-1/4"
- Irregular Cover
- 10 Holes
- 10 Bolt (3/8 x 24)
- 8.5" Diameter Ring Gear
- 1.376" Diameter Pinion
- 26 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1033-1

SPOOLS

PART NO. SPLINE CARRIER

81-4430-1 30 3.92 Up

81-4430X-1 30 3.73 Down

MINI-SPOOLS

PART NO. SPLINE PIN NO.

78-4430-1 30 CSPD44

NOTE: All spools require
C-clip eliminator kit

RATIO PART NO. CARRIER TEETH

3.54	SD4402	2	39-11
3.73	SD4403	2	41-11
4.10	SD4404	3	41-10
4.56	SD4405	3	41-9
4.88	SD4406	3	39-8
5.13	SD4407	3	41-8
5.38	SD4408	3	43-8

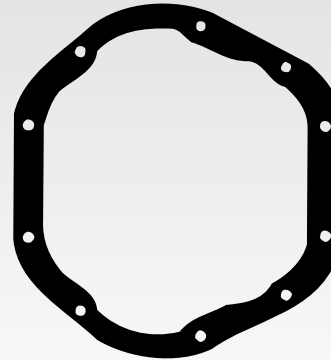


NOTES: 2 fits 3.07-3.73 carrier; 3 fits 3.92
and numerically higher carrier.

MODEL	YEAR
Bronco (Front)	78-96
F100, F150 (Front)	76-96
F250 (Front)	77-88
F350 (Front)	81-85



RATIO	PART NO.	CARRIER	TEETH
3.54R	SD44R02	2	39-11
3.73R	SD44R03	2	41-11
4.10R	SD44R04	3	41-10
4.56R	SD44R05	3	41-9
4.88R	SD44R06	3	39-8
5.13R	SD44R07	3	41-8
5.38R	SD44R08	3	43-8



Pinion stem enters the case above the centerline of the axles.

NOTES: 2 fits 3.07-3.73 carrier; 3 fits 3.92 and numerically higher carrier.

- 9-3/8" x 10-1/4"
- Irregular Cover
- 10 Bolt Holes
- 10 Bolts
- 8.5" Diameter Ring Gear
- 1.376" Diameter Pinion
- 26 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1033-1

SPOOLS

PART NO. SPLINE CARRIER

81-4430-1 30 3.92 Up

81-4430X-1 30 3.73 Down

MINI-SPOOLS

PART NO. SPLINE PIN NO.

78-4430-1 30 CSPD44

NOTE: All spools require C-clip eliminator kit

For Maximum Protection and Performance use Part # LUBE (pg 125)



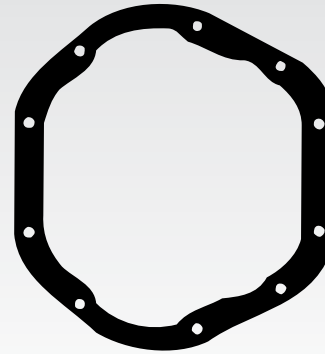
RICHMOND GEAR Synthetic Gear Oil





Dana 60

MODEL	YEAR
Chevrolet	
K30, K35, K3500 (Front)	77-02
C20, C25 (Rear)	65-72
G30-G35 (Rear)	73-91
Chrysler	
Dodge w/Hemi Engines	66-73
Plymouth w/Hemi Engines	66-73
Chrysler W200, W2500 (Front)	75-02
Chrysler W300, W3500 (Front)	75-02
Chrysler W200, W2500 (Rear)	69-02
Chrysler D200, D2500 (Rear)	69-03
Chrysler D300, D3500 (Rear)	69-03
Ford	
F250 (Front)	67-76
F250, E250 (Rear)	66-86
F350, E350 (Rear)	66-86
E250, E300, E350 (Rear)	66-Present
Jeep	
J10 (Rear)	66-84



- 12-1/8"
- Irregular Cover
- 10 Holes
- 12 Bolt
- 9.750" Diameter Ring Gear
- 1.626" Diameter Pinion
- 29 Splines

RATIO	PART NO.	CARRIER	TEETH
3.54	SD6001	2	39-11
3.73	SD6002	2	41-11
4.10	SD6003	3	41-10
4.56	SD6004	3	41-9
4.88	SD6005	3	39-8

NOTES:

- 2 - Fits 3.07 - 4.10 carrier.
- 3 - Fits 4.56 and numerically higher carrier.
- Gears fit Non-Crush Sleeve applications only.

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1034-1

83-1034-B Half Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory



Dana 60 Reverse

MODEL	YEAR
Excursion	02-05
F250 (Front)	78-79, 02-present
F350 (Front)	78-present
F450 (Front)	99-present
F550 (Front)	99-Present

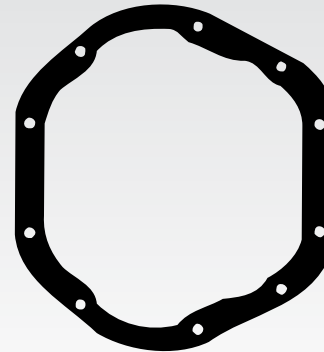


RATIO	PART NO.	TEETH
4.10R	SD60R03	41-10
4.56R	SD60R04	41-9
4.88R	SD60R05	39-8

NOTE: Pinion stem enters the case above the centerline of the axles.

NOTE: 4.10, 4.56 and 4.88 fit 3.07 - 4.10 carrier.

NOTE: F450 & F550 must use F350 4.10 case.



- 12-1/8"
- Irregular Cover
- 10 Holes
- 12 Bolt
- 9.750" Diameter Ring Gear
- 1.626" Diameter Pinion
- 29 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1034-1
83-1034-B Half Kit

SPOOLS

PART NO.	SPLINE	CARRIER
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Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

For Maximum Protection and Performance use Part # LUBE (pg 125)



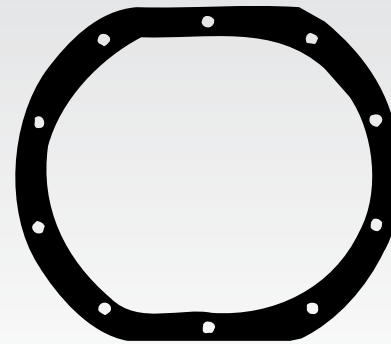
RICHMOND GEAR Synthetic Gear Oil





Ford 7.5

MODEL	YEAR
All Compact & Intermediate	70-97
Aerostar	90-95
Bobcat	75-80
Bronco II	84-90
Capri	79-86
Fairmont	78-86
Ford Full Size	78-86
Granada	81-82
Mercury Full Size	79-86
Monarch	79-80
Mustang 4 & 6 cyl	79-Present
Mustang 8 cyl	78-85
Ranger w/o 4.0L	83-Present
Thunderbird	80-97
Zephyr	79-83



- 10-3/4" x 9-9/16"
- Oval Cover
- 10 Holes
- 7.50" Diameter Ring Gear
- 1.626" Diameter Pinion
- 28 Splines

RATIO	PART NO.	TEETH
3.45	SFD7503	38-11
3.73	SFD7504	41-11
4.10*	SFD7505	41-10
4.56*	SFD7506	41-9
5.13*	SFD7507	41-8

*Special Cross Shaft Pin 80-0271-1 required.
This pin will not fit Auburn carrier.

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1045-1

83-1045-B Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

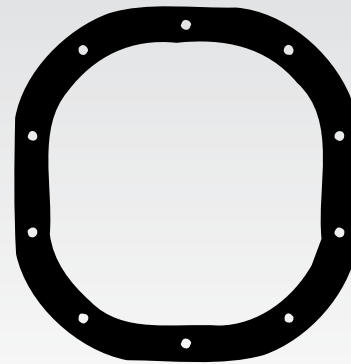
SPOOL BEARING KIT

PART NO.

Contact Factory



MODEL	YEAR
Aerostar	89-97
Bronco	84-91
Capri V8	86
Cougar	88-97
E150	87-06
Explorer	90 1/2-Present
Expedition except 5.4L	97-05
F-150	81-Preset
Ford Full Size	86-Present
Mercury Full Size	82-Present
Mercury Marauder	03-04
Mustang V8	86-Present
Thunderbird	87-97
Ranger	90 1/2-Present



RATIO	PART NO.	TEETH
3.55	SFD8803	39-11
3.73	SFD8804	41-11
3.89	SFD8805	35-9
4.10	SFD8806	41-10
4.56*	SFD8807	41-9

* Special Cross Pin required:
 Use 80-0273-1 All (except below)
 Use 80-0279-1 87+ trucks & 31 spline axle cars

- 10-9/16" x 10-13/16"
- Oval Cover
- 10 Holes
- 8.8" Diameter Ring Gear
- 1.626" Diameter Pinion
- 30 Splines

INSTALLATION KIT/HALF KIT

PART NO.

- 83-1043-1
- 83-1043-M
- 83-1043-B Half-Kit

SPOOLS

PART NO. SPLINE

- 81-8831-1 31
- 81-8833-1 33
- 81-8835-1 35

SPOOL BEARING KIT

PART NO.

- 29-0005-1

MINI-SPOOLS

PART NO. SPLINE PIN NO.

- 78-8828-1 Early 28 CSPF88E
- 78-8831-1 Late 31 CSPF88L

NOTE: All spools require
 C-clip eliminator kit

For Maximum Protection and
 Performance use
 Part # LUBE (pg 125)

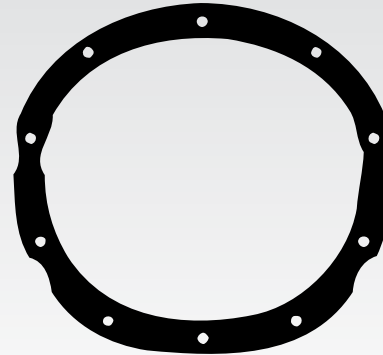
RICHMOND GEAR Synthetic
 Gear Oil





Ford 9

MODEL	YEAR
All Light Trucks	57-87
Bronco	67-86
Comet	63-72
Cougar	65-73
F-100, F-150	57-86
E-100, E-150	57-86
E-200	68-74
Ford Full Size	57-78
Fairlane	62-73
Granada	75-80
LTD II	71-79
Monarch	75-80
Montego	68-76
Mustang	65-73
Torino	71-70
Versailles	77-80



RATIO	PART NO.	TEETH
3.50	SFD903	35-10
3.70	SFD904	37-10
3.89	SFD905	35-9
4.11	SFD906	37-9
4.56	SFD907	41-9
4.86	SFD908	34-7

- 11-3/4"
- Oval Housing
- 10 Holes
- 10 Bolt
- 9" Diameter Ring Gear
- 1.313" Diameter Pinion
- 28 Splines

INSTALLATION KIT/HALF KIT

PART NO.	
83-1011-1	2.891 Carrier Brg.
83-1013-1	3.062 Carrier Brg.
83-1003-1	3.062 Carrier Brg.-HRW
83-1005-1	3.250 Carrier Brg.-HRW
83-1007-1	31 Spline Trk. Lck./3.062 Carrier Brg.
83-1009-1	28 Spline Trk. Lck./2.891 Carrier Brg.
83-1011-B	Half Kit

SPOOLS - ALUMINUM

PART NO.	SPLINE	BORE SIZE
81-0935A-1	35	3.250 case
81-0935A-P	35	3.812 case
81-0940A-P	40	3.812 case

SPOOLS - STEEL

PART NO.	SPLINE	BORE SIZE
81-0928-1	28	2.891/3.062 case
81-0931-1	31	2.891/3.062 case
81-0933-1	33	2.891/3.062 case
81-0935-3	35	3.250 case*
81-0935-4	35	3.250 case**
81-0935x-1	35	2.891/3.062 case
81-0940-1	40	3.250 case

SPOOL BEARING KIT

PART NO.	
29-0004-1	3.062 case

MINI-SPOOLS

PART NO.	SPLINE	PIN NO.
78-0928-1	28	CSPF9
78-0931-1	31	CSPF9

NOTE: All spools require C-clip eliminator kit

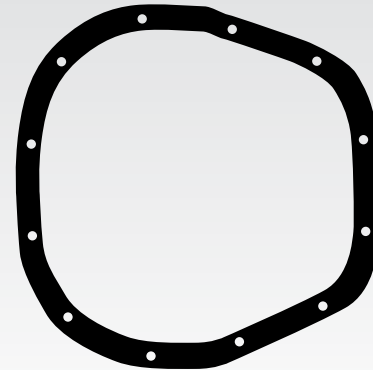


* Pressure angle 30
 ** Pressure angle 45

MODEL	YEAR
Excursion	2000-2005**
F-250	1985-1992 1993-1997* 1999-2010**
F-350	1985-1992 1993-1997* 1999-2010**



RATIO	PART NO.	TEETH
3.55	SF102501	39-11
4.10	SF102503	41-10
4.56	SF102504	41-9
3.55**	SF1025L01	39-11
4.10**	SF1025L03	41-10



*NOTES: 1993 and later use the part number with suffix "L". Otherwise you will have to change the yoke. When replacing a 10.5" gear set, use a 10.25" ring and pinion with the suffix "L".

- 12 1/8" x 13 5/16"
- 10.25" Diameter Ring Gear
- 1.940" Diameter Pinion
- 12 1/2" x 20 RH Threaded Bolts
- 31 Splines

**NOTES: Must be used with Master Kit 83-1059-1

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil

INSTALLATION KIT

PART NO.

83-1059-1

83-1059-B Half Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

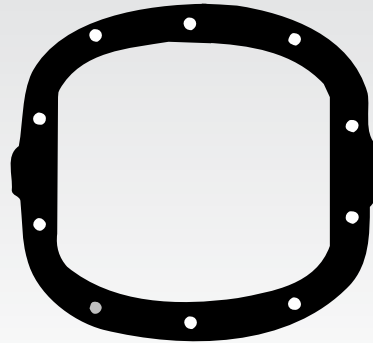
Contact Factory





GM 7.5 & 7.652 10 Bolt

MODEL	YEAR
All GM Models	77-02
Astro & Safri	82-05
Bravada	91-01
Buick Full Size	77-85
Camaro	82-02
Century	78-81
Chevy Full Size Car	77-96
Cutlass	78-87
El Camino	77-87
Firebird, Trans-Am, Z28	82-02
Grand Prix	78-87
Monte Carlo	78-87
Olds Full Size	77-89
Omega	75-79
Pontiac Full Size	77-89
Phoenix	78-81
Regal	78-87
Skylark	76-79
S10, S15 (Rear)	82-05
Ventura	78-81
Isuzu Rodeo	89-93



- 8-5/16" x 10-9/16"
- Oval Cover
- 10 Holes
- 10 Bolt
- 7.5" & 7.625" Diameter Ring Gear
- 1.438" Diameter Pinion
- 27 Splines

RATIO	PART NO.	CARRIER	TEETH
3.23	SGM7502	3	42-13
3.23T	SGM7503	2	42-13
3.42	SGM7504	3	41-12
3.42T	SGM7505	2	41-12
3.73	SGM7506	3	41-11
3.73T	SGM7507	2	41-11
4.10	SGM7508	3	41-10
4.10T	SGM7509	2	41-10
4.56*	SGM7510	3	41-9
4.56T*	SGM7511	2	41-9

Will not fit Monza, etc.

* - Special cross pin

No. 80-0270-1 required.

NOTE: 2 fits 3.08 and numerically lower carrier; 3 fits the 3.23 and numerically higher.

INSTALLATION KIT/HALF KIT

PART NO.	
83-1016-1	77-81
83-1044-1	82-98
83-1016-M	77-81
83-1044-M	82-98
83-1044-B	Half Kit

MINI-SPOOLS

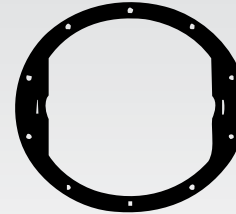
PART NO.	SPLINE	PIN NO.
78-7526-1**	26	

CSPGM75

** Will not fit 7.625 carrier.



MODEL	YEAR
Buick Full Size	77-96
Blazer (K Series Front)	77-91
Apollo, Regal, Century	73-77
Biscayne	71-74
Grand National	84-87
Skylark, GS	71-75, 77-79
Chevelle	70-76
Chevy Full Size	71-96
Chevy II, Nova	70-79
Camaro, Firebird, TA	71-81
Cutlass	71-77
Electra	76-78
Gran Sport	73-77
GTO, Firebird	70-81
LeSabre	73-74
Olds Full Size	71-89
Olds, Hurst	85-88
Pontiac Full Size	71-89
Hurst Olds	85-88
Omega	73-75, 77-79
Grand Prix, Lemans	71-77
Roadmaster	71-74, 91-96
Ventura, Phoenix	71-77
Z28	72-81
Olds F-65	70-76
C10, C15 (Rear), 1500	80-Present
K10, K15 (Rear), 1500	80-Present
K10, K20 (Front)	77-87
Suburban (Rear)	80-Present
Suburban (Front)	77-91
El Camino	73-76
G10, G20 Van, Express 1500	70-Present
Hummer H3	05-10
Escalade	02-11
Avalanche 1500	02-Present
Tahoe	00-Present
Yukon	00-Present



- Top: 11"
- Oval Cover
- 10 Holes
- 8.50" Diameter Ring Gear
- 1.626" Diameter Pinion
- 30 Splines

INSTALLATION KIT/HALF KIT

PART NO.

- 83-1021-1 (Truck, Car 98-earlier)
- 83-1020-1 (Front)
- 83-1021-M, Car only
- 83-1021-TE (Truck 73-87)
- 83-1021-B Half Kit

SPOOLS

PART NO. SPLINE

- 81-1028-1 28
- 81-1030-1 30

MINI-SPOOLS

PART NO. SPLINE PIN NO.

- 78-1028-1 28 CSPGM85

NOTE: All spools require C-clip eliminator kit

RATIO	PART NO.	TEETH
3.42	SGM8504	41-12
3.73	SGM8505	41-11
4.10	SGM8506	41-10
4.56	SGM8507	41-9
4.88	SGM8508	39-8

NOTE: When replacing a stock 2.56 and numerically lower, the carrier must be replaced with a carrier of 2.73 or higher.



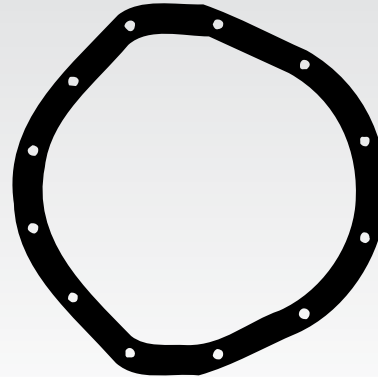


GM 8.875 12 Bolt Truck

MODEL	YEAR
Blazer	64-82
C10	64-82
C15	64-82
K10 (Rear)	64-82
K20 (Rear)	64-82
G10, G15	64-81
G20, G25	69-81



RATIO	PART NO.	CARRIER	TEETH
3.08	SGM12T01	3	40-13
3.42	SGM12T03	3	41-12
3.73	SGM12T04	4	41-11
3.73T	SGM12T05	3	41-11
4.10	SGM12T06	4	41-10
4.10T	SGM12T07	3	41-10
4.56	SGM12T08	4	41-9
4.56T	SGM12T09	3	41-9



When installing 5.13 and 5.38 ratio sets, differential cross shaft #80-0269-1 must be used.

- 3 - Fits 3.40 ratio and numerically lower carrier.
- 4 - Fits 3.73 ratio and numerically higher carrier.

Will not fit 2.56 & 2.73 carrier on 80-83 Truck and Blazer

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

- 11-1/2"
- Irregular 12 Holes
- Truck 12 Bolt Cover
- 8.875" Diameter Ring Gear
- 1.438" Diameter Pinion
- 30 Splines

INSTALLATION KIT/HALF KIT

PART NO.

- 83-1018-1
- 83-1018-M
- 83-1018-B Half Kit

SPOOLS

PART NO. SPLINE CARRIER

- 81-1230T-1 30 4

SPOOL BEARING KIT

PART NO.

- 29-0005-1

NOTE: All spools require C-clip eliminator kit





GM 8.25 IFS

MODEL	YEAR
K-15	88-98
Full Size Blazer	92-94
Tahoe, vvJimmy	92-Present
Suburban	92-Present
Escalade	99-Present
Avalanche 1500	99-Present
Silverado 1500	99-Present
Yukon XL	00-Present



RATIO	PART NO.	TEETH
3.73	SGM82502	41-11
4.10	SGM82503	41-10
4.56	SGM82504	41-9

- 10 Holes
- 8.153" Diameter Ring Gear
- 1.626" Diameter Pinion
- 30 Splines

INSTALLATION KIT

PART NO.

R8.2RIFSMKT 88-98

R8.2RIFSLMKT 99-Present

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

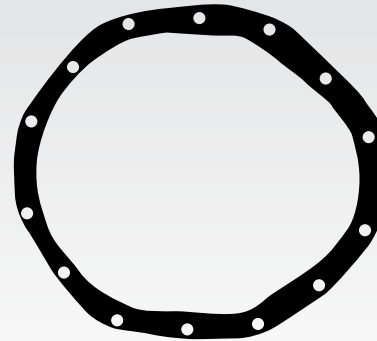
For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil



MODEL	YEAR
C10, C15, C20	1988-Present
C30, C35	1983-Present
K10, K15	1988-Present
K20, K25	1981-Present
K30, K35	1989-Present
3/4 - 1 Ton	1981-Present
Hummer H2	2003-Present
Avalanche	2002-Present
Tahoe	2007-Present
Express, G Van	1996-Present
Silverado	1999-Present
Suburban	1982-Present



RATIO	PART NO.	TEETH
3.42	SGM9501	41-12
3.73	SGM9502	41-11
4.10	SGM9503	41-10
4.56	SGM9504	41-9
4.88	SGM9505	39-8

- 12 1/8" x 13 5/16"
- 9.5" Diameter Ring Gear
- 1.876" Diameter Pinion
- 12 12MM x 1.50" LH Threaded Bolts
- 30 Splines

INSTALLATION KIT

PART NO.

83-1066-1	81-97
83-1066-B	Half-Kit
83-1067-1	98-09
83-1067-B	Half-Kit

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

For Maximum Protection and Performance use Part # LUBE (pg 125)



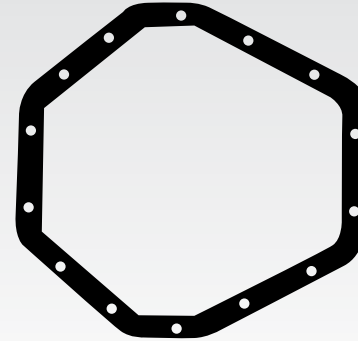
RICHMOND GEAR Synthetic Gear Oil



MODEL	YEAR
(Most) 3/4 Ton - 1 Ton	1973-Present
G30, G35	1973-Present
C20, C25	1973-1996
C30, C35	1973-Present
K20, K25	1973-Present
K30, K35	1973-Present



RATIO	PART NO.	TEETH
3.73	SGM10501	41-11
4.10	SGM10502	45-10
*4.56	SGM10503	41-9



NOTES: Fits *4.56 and numerically higher

For Maximum Protection and Performance use Part # LUBE (pg 125)

RICHMOND GEAR Synthetic Gear Oil

- 14 7/8" x 13"
- 10.5" Diameter Ring Gear
- 1.750: Diameter Pinion
- 12 9/16" x 18 RH Threaded Bolts
- 30 Splines

INSTALLATION KIT

PART NO.	KIT	YEAR
83-1063-1	Complete Kit	72-87
83-1063-B	Half-Kit	72-87
83-1064-1	Complete Kit	88-97
83-1064-B	Half-Kit	88-97
83-1065-1	Complete Kit	98-Present
83-1065-B	Half-Kit	98-Present

SPOOLS

PART NO.	SPLINE	CARRIER
Contact Factory		

SPOOL BEARING KIT

PART NO.
Contact Factory



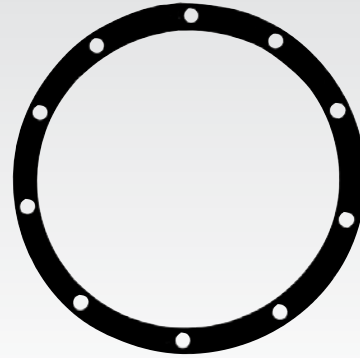


Toyota 7.5 IFS & Rear

MODEL	YEAR
4 Runner & Truck (Front)	86-95
T100 (Front)	93-96
Truck 2wd (Rear)	76-95



RATIO	PART NO.	TEETH
4.10	STY7501	41-10
4.56	STY7502	41-9
4.88	STY7503	39-8
5.29	STY7504	37-7
5.71	STY7505	40-7



- 8-3/8" x 9-3/32"
- 10 Holes Round
- RG Diameter 7.5"
- 11mm x 1mm RH Threaded Bolts
- 1.3785" Diameter Pinion
- 23 Splines

INSTALLATION KIT/HALF KIT

PART NO.

- 83-1039-1 (Rear Only)
- 83-1039-B Half Kit
- R11RIFMKT (Front)

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil

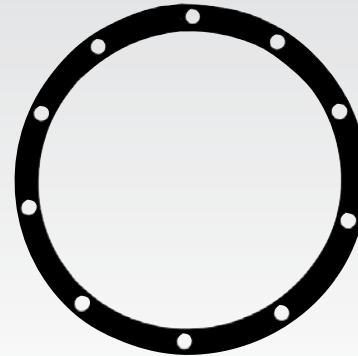


Toyota 8 (7.8)

MODEL	YEAR
4x4 Light Truck (Front & Rear)	79-85
4 Runner (Front & Rear)	79-85
4x4 (Rear)	86-95
4 Cylinder w/out Turbo (Rear)	76-95
4 Runner w/out Turbo (Rear)	86-89



RATIO	PART NO.	TEETH
4.10	STY802	41-10
4.56	STY804	41-9
4.88	STY805	39-8
5.29	STY806	37-7
5.71	STY807	40-7



- 8-3/8" x 9-3/32"
- 10 Holes Round
- RG Diameter 7.8"
- 11mm x 1mm RH Threaded Bolts
- 1.3785" Diameter Pinion
- 10 Bolt 3rd Member
- 27 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1030-1

83-1030-B Half Kit

SPOOLS

PART NO. SPLINE

81-T1030-1 30

SPOOL BEARING KIT

PART NO.

29-0009-1

NOTE: All spools require C-clip eliminator kit

For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil





Toyota V-6

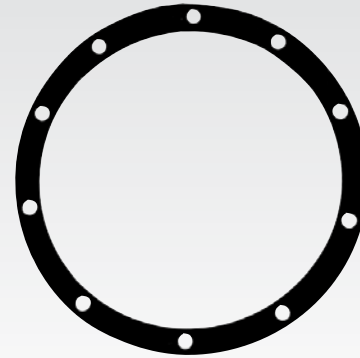
MODEL	YEAR
All with TRD Locked Rear**	95-Present
Toyota 4x4 V6 (Rear)	88-95
Toyota 4x4 w/Turbo (Rear)	87-95
Toyota 4 Runner (Rear)	
w/Turbo & V6**	84-Present
Celica Supra (Rear)	79-81
FJ Cruiser**	07-Present



RATIO	PART NO.	TEETH
4.10	STYV602	41-10
4.56	STYV603	41-9
4.88	STYV604	39-8
5.29	STYV605	37-7
5.71	STYV606	40-7

NOTE: Will not fit 3rd members that had factory 4.88 ratio, must replace with non-4.88 3rd member case

**NOTE: 2002+ models require use of earlier model 27 spline pinion yoke sold separately.



- 8-3/8" x 9-3/32"
- 10 Holes Round
- RG Diameter 7.8"
- 11mm x 1mm RH Threaded Bolts
- 1.3785" Diameter Pinion
- 10 Bolt 3rd Member
- 27 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1046-1	Non-TRD
83-1046-B	Half Kit Non-TRD
R11RTACLMK	TRD Only

SPOOLS

PART NO. SPLINE

81-T1030-V	30
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SPOOL BEARING KIT

PART NO.

29-0012-1

NOTE: All spools require C-clip eliminator kit

For Maximum Protection and Performance use Part # LUBE (pg 125)



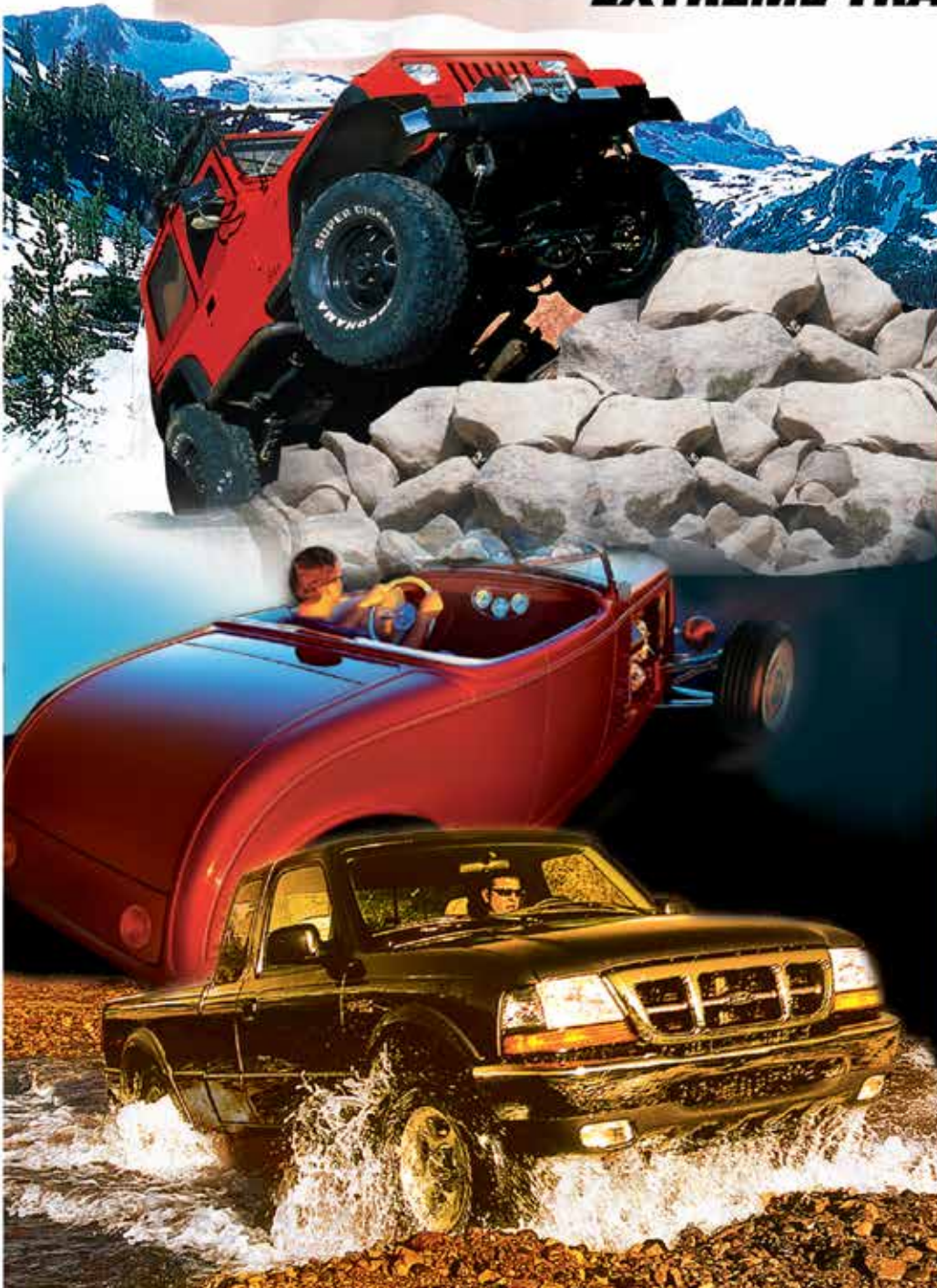
RICHMOND GEAR Synthetic Gear Oil





POWERTRAX[®]

EXTREME TRACTION SYSTEMS



POWERTRAX[®]
No-Slip Traction System™



**LOCK
RIGHT[®]**
POWERTRAX

Application Guide



POWERTRAX[®] No-Slip Traction System™

With the **Powertrax® No-Slip Traction System**, you can unleash your performance vehicle's maximum power or give your truck /SUV the ability to get you just about anywhere. Whether you want the added safety of high traction for everyday street use or extreme traction for the most demanding applications, the No-Slip advantage is just a simple upgrade away. Precision synchronization control provides exceptionally smooth and quiet operation. There are no friction clutches to wear out and no special lubricants required. Installs easily in about an hour with no special tools or setup needed. Easily converts your "open", limited-slip or locking differential for superior traction output.



LOCK RIGHT[®] **POWERTRAX**

Powertrax® Lock-Right Lockers are brute force devices for rugged truck applications. They provide the best value for greatly increasing the traction of 2-wheel drive and 4x4 trucks and Jeeps. Lock-Right is the first design not requiring complete replacement of the differential case assembly. Installation is simple because the ring and pinion setups are not altered. Installs easily in rear axle, front axle, or both front and rear. Best suited for extreme off-road to severe on-road use. Proven in the most demanding applications worldwide.



SECTION III Contents**EXTREME
TRACTION
SYSTEMS!**

- Brute force for rugged applications - on & off-road
- Best value for increasing traction in 2 & 4 WD vehicles
- Positive Traction, Full Locker



- Smooth, quiet operation - fully automatic
- Ultimate traction for 2 & 4 WD vehicles
- Ideal for both street & off-road
- Positive Traction, Full Locker

Model Listing

MFG	Size	Axle Code	Spline	Type	Spec Note	PowerTrax	Lock Right
AMC	8.875	AMC-20	29	OPEN		92-0120-2900	1710-LR
AMC	8.875	AMC-20	29	TRAC-LOK		92-0120-2920	
CHRY	8.250		27	OPEN		92-0382-2705	1230-LR
CHRY	8.250		27	TRAC-LOK		92-0382-2725	
CHRY	8.250		29	OPEN		92-0382-2905	
CHRY	8.250		29	TRAC-LOK		92-0382-2925	
CHRY	8.750		30	OPEN			1240-LR
CHRY	9.250		31	OPEN		92-0392-3105	1220-LR
CHRY	9.250		31	TRAC-LOK		92-0392-3125	
CHRY			"POWER WAGON, WC, M"				1210-LR
DANA	7.750	MODEL-25	10	OPEN			2110-LR
DANA	7.200	MODEL-27	10	OPEN			2115-LR
DANA	6.625	MODEL-28	23	OPEN			2116-LR
DANA	7.200	MODEL-30	27	OPEN		92-0430-2700	2210-LR
DANA	7.565	MODEL-35	27	OPEN	NON C CLIP	92-0435-2700	2310-LR
DANA	7.565	MODEL-35	27	OPEN	IFS	92-0435-2701	2310-LR
DANA	7.565	MODEL-35	27	OPEN	IFS & ABS	92-0435-2702	2311-LR
DANA	7.565	MODEL-35	27	OPEN	C CLIP	92-0435-2705	2310-LR
DANA	7.565	MODEL-35	27	OPEN	C CLIP & ABS	92-0435-2706	2311-LR
DANA	7.565	MODEL-35	27		TRAC-LOK NON C CLIP	92-0435-2720	
DANA	7.565	MODEL-35	27		TRAC-LOK C CLIP	92-0435-2725	
DANA	8.500	MODEL-44	19	OPEN			2413-LR
DANA	8.500	MODEL-44	27	OPEN		92-0444-2700	2414-LR
DANA	8.500	MODEL-44	30	OPEN		92-0444-3000	2410-LR
DANA	8.500	MODEL-44	10	OPEN			2415-LR
DANA	8.500	MODEL-44	10	OPEN			2416-LR
DANA	8.500	MODEL-44	30	OPEN		92-0444-3001	2410-LR
DANA	8.500	MODEL-44	30	TRAC-LOK		92-0444-3020	
DANA	9.000	MODEL-50	30	OPEN			2510-LR
DANA	9.000	MODEL-50	30	OPEN			2510-LR
DANA	9.750	MODEL-60	30	OPEN	NON C CLIP	92-0460-3000	2610-LR
DANA	9.750	MODEL-60	30	OPEN	C CLIP	92-0460-3005	2610-LR
DANA	9.750	MODEL-60	30	TRAC-LOK	NON C CLIP	92-0460-3020	
DANA	9.750	MODEL-60	30	TRAC-LOK	C CLIP	92-0460-3025	
DANA	9.750	MODEL-60	32	OPEN		92-0460-3200	
DANA	9.750	MODEL-60	32	TRAC-LOK		92-0460-3220	
DANA	9.750	MODEL-60	35	OPEN		92-0460-3500	2620-LR
DANA	9.750	MODEL-60	35	TRAC-LOK		92-0460-3520	
DANA	10.500	MODEL-70	32	OPEN		92-0470-3200	2711-LR
DANA	10.500	MODEL-70	35	OPEN		92-0470-3500	2710-LR
DANA	11.250	MODEL-80	35	OPEN		92-0480-3500	2810-LR
DANA	11.250	MODEL-80	37	OPEN		92-0480-3700	2811-LR
FORD	7.500		28	OPEN		92-0675-2805	1830-LR
FORD	8.000		28	OPEN		92-0680-2800	1810-LR
FORD	8.800	3/4 SHAFT	28	OPEN		92-0688-2807	1820-LR
FORD	8.800	3/4 SHAFT	28	TRAC-LOK		92-0688-2827	
FORD	8.800	3/4 SHAFT	31	OPEN		92-0688-3107	1821-LR
FORD	8.800	7/8 SHAFT	31	OPEN		92-0688-3108	1822-LR
FORD	8.800	3/4 SHAFT	31	TRAC-LOK		92-0688-3127	
FORD	8.800	7/8 SHAFT	31	TRAC-LOK		92-0688-3128	
FORD	9.000		28	OPEN		92-0690-2800	1810-LR
FORD	9.000		31	OPEN		92-0690-3100	1810-LR
FORD	9.000		35	OPEN		92-0690-3500	
FORD	9.750		34	OPEN		92-0697-3405	
FORD	10.250		35	OPEN			1840-LR
FORD	10.500	3 PINION	35	OPEN		92-0605-3500	
GM	7.200		26	OPEN	IFS		1935-LR
GM	7.500	10 BOLT	26	OPEN		92-0775-2605	1930-LR
GM	7.625	10 BOLT	26	OPEN		92-0776-2605	1932-LR
GM	7.625	10 BOLT	28	OPEN		92-0776-2805	1931-LR
GM	8.200	10 BOLT	28	OPEN	B.O.P.	92-0782-2801	
GM	8.200	10 BOLT	28	OPEN		92-0782-2805	1940-LR
GM	8.500	10 BOLT	28	OPEN		92-0785-2805	1920-LR
GM	8.500	10 BOLT	30	OPEN		92-0785-3005	1921-LR
GM	8.600	10 BOLT	30	OPEN		92-0786-3005	
GM	8.875	12 BOLT	30	OPEN		92-0788-3005	1910-LR
GM	9.200	14 BOLT	33	OPEN	IFS	92-0792-3301	1950-LR
GM	9.500	14 BOLT	33	OPEN		92-0795-3305	1950-LR
GM	10.500	14 BOLT	30	OPEN		92-0705-3000	1955-LR
NISSAN	9.100	H 233	31	OPEN			3220-LR
NISSAN		C200K		OPEN		92-1480-3100	
SUZUKI	6.900		26	OPEN	SAMURAI		1510-LR OR 1530-LR
SUZUKI	6.900		26	OPEN	SIDEKICK		1512-LR OR 1532-LR
TOYOTA	7.500		27	OPEN			1611-LR
TOYOTA	8.000	2 PINION	30	OPEN	PRE - 95	92-2080-3001	1610-LR
TOYOTA	8.000	2 PINION	30	OPEN	TACOMA	92-2080-3002	1615-LR
TOYOTA	8.000	4 PINION	30	OPEN			1620-LR
TOYOTA	8.875	12 BOLT	10	OPEN	LAND CRUISER	92-2088-1005	1631-LR
TOYOTA	8.875	12 BOLT	30	OPEN	LC FRONT	92-2088-3001	

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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BUICK® RANIER

2004-2007 - GM 8" MIDSIZE TRUCK & SUV - REAR	n/a	n/a	n/a
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CADILLAC® ESCALADE (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1999-2000 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2002-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
2007-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® ASTRO (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR. (b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1985-1989 - GM 10 BOLT 7.5" - 26 SPLINE AXLES - REAR	1930-LR (a)	92-0775-2605 (b)	n/a
1990-2005 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a

CHEVROLET® AVALANCHE 1500 (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

2002-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a

CHEVROLET® AVALANCHE 2500

2002-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
2002-2006 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

CHEVROLET® BLAZER - FULL SIZE

1969-1982 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1982-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-1994 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a

CHEVROLET® BLAZER - S10

1983-1989 - GM 10 BOLT 7.5" - 26 SPLINE AXLES - REAR	1930-LR (a)	92-0775-2605 (b)	n/a
1988-2005 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a
1995-2001 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2002-2005 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a

CHEVROLET® COLORADO (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

2004-UP - GM 8" MIDSIZE TRUCK & SUV - REAR	n/a	n/a	n/a
2009-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a

CHEVROLET® PICKUP - C/K10

1955-1962 - GM CORP 9.375" - REAR	n/a	n/a	n/a
1963-1982 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1982-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-1999 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
1988-1999 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® PICKUP - SILVERADO 1500 (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1999-2006 & 2007 'CLASSIC' - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
1999-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® PICKUP - SILVERADO 1500HD

2001-2007 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
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CHEVROLET® PICKUP - C/K20

1963-1967 - GM CORP HO72 - REAR	n/a	n/a	n/a
1968-1972 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1973-1987 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1981-1987 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® PICKUP - R/V2500

1988-1989 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1988-1989 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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CHEVROLET® PICKUP - C/K 2500

1988-2000 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1988-2000 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

CHEVROLET® PICKUP - SILVERADO 2500

1999-2004 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1999-2004 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1999-2004 - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a

CHEVROLET® PICKUP - SILVERADO 2500HD

2001-2005 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
2001-2006 & 2007 'CLASSIC' - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
2001-2006 & 2007 'CLASSIC' - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a
2007-UP - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
2007-UP - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a

CHEVROLET® PICKUP - C/K30

1973-1987 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1973-1987 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a

CHEVROLET® PICKUP - R/V3500

1988-1991 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1988-1991 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a

CHEVROLET® PICKUP - C/K3500

1988-2002 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1988-1991 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1992-2002 - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a

CHEVROLET® PICKUP - SILVERADO 3500

2001-UP - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a
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CHEVROLET® PICKUP - S10

1983-1989 - GM 10 BOLT 7.5" - 26 SPLINE AXLES - REAR	1930-LR (a)	92-0775-2605 (b)	n/a
1988-2004 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a
1994-2001 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2002-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
 (b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

CHEVROLET® SUBURBAN - C/K/R/V 10 1500 (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1965-1981 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1965-1968 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	n/a
1968-1970 - DANA 60 - 30 SPLINE AXLES - SEMI FLOAT - REAR	2610-LR	92-0460-3005	n/a
1982-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1982-1999 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1988-1999 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2000-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
2007-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® SUBURBAN - C/K/R/V 20 2500

1973-1991 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1982-2007 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
2000-UP - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

CHEVROLET® SSR

2004-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2004-2006 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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CHEVROLET® TAHOE (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1995-1999 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2000-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
2007-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® TRAILBLAZER (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

2002-2009 - GM 8" MIDSIZE TRUCK & SUV - REAR	n/a	n/a	n/a
2002-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-2009 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
2006-2009 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® VAN - G10 EXPRESS 1500 (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1964-1971 - GM CHEVY 8.2" 10 BOLT - REAR	1940-LR	92-0782-2805	n/a
1964-1981 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1978-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-2002 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2003-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a

CHEVROLET® VAN - G20 EXPRESS 2500

1967-1981 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1979-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-1995 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
1996-2002 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1996-2002 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
2009-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CHEVROLET® VAN - G30 EXPRESS 3500

1973-1978 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1973-1987 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1975-1987 - DANA 60 - 35 SPLINE AXLES - FULL FLOAT - REAR	2620-LR	92-0460-3500	92-0460-3520
1975-1983 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1975-1978 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1984-1991 - DANA 70U - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1988-1991 - DANA 70-3HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1988-2002 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
2009-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

DODGE® DAKOTA

1987-1993 - CHRYSLER 7.25" - REAR	n/a	n/a	n/a
1987-1996 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725
1987-2010 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125
1997-2010 - CHRYSLER 8.25" 10 BOLT - 29 SPLINE - REAR	1250-LR	92-0382-2905	92-0382-2925

DODGE® DURANGO

1998-2008 - CHRYSLER 8.25" 10 BOLT - 29 SPLINE - REAR	1250-LR	92-0382-2905	92-0382-2925
1998-2008 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125

DODGE® PICKUP- D/W 100/150/1500

1959-1968 - DANA 60 - 16 SPLINE AXLES - FULL FLOAT - REAR	n/a	n/a	n/a
1963-1971 - CHRYSLER 8.75" 741 - REAR	1240-LR	n/a	n/a
1963-1968 - CHRYSLER 8.75" 742 - REAR	1240-LR	n/a	n/a
1969-1974 - CHRYSLER 8.75" 489 - REAR	1240-LR	n/a	n/a
1972-1993 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725
1974-2010 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125
2006-2010 - CHRYSLER 10.5" - REAR	n/a	n/a	n/a

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LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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DODGE® PICKUP- D/W 200/250/2500

1959-1970 - DANA 60 - 16 SPLINE AXLES - FULL FLOAT - REAR	n/a	n/a	n/a
1969-2002 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1974-2002 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125
1987-1990 - DANA 70U - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1991-2002 - DANA 70U - 32 SPLINE AXLES - REAR	2711-LR	92-0470-3200	n/a
1994-2002 - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a
2003-2010 - CHRYSLER 10.5" - REAR	n/a	n/a	n/a
2003-2010 - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a

DODGE® PICKUP- D/W 300/350/3500

1958-1968 - DANA 70B - 23 SPLINE AXLES - REAR	n/a	n/a	n/a
1969-1990 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1983-1995 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1974-2002 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125
1991-2002 - DANA 70U - 32 SPLINE AXLES - REAR	2711-LR	92-0470-3200	n/a
1994-2002 - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a
2003-2010 - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a

DODGE® RAMCHARGER

1974-1993 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125
1978-1993 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725

DODGE® VAN - B100/1500

1971-1996 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725
1971-1974 - CHRYSLER 8.75" 489 - REAR	1240-LR	n/a	n/a
1971 - CHRYSLER 8.75" 741 - REAR	1240-LR	n/a	n/a
1974-2003 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125
1997-2003 - CHRYSLER 8.25" 10 BOLT - 29 SPLINE - REAR	1250-LR	92-0382-2905	92-0382-2925

DODGE® VAN - B200/2500

1971-1996 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725
1971-2003 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1971 - CHRYSLER 8.75" 741 - REAR	1240-LR	n/a	n/a
1973-1978 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1984-2003 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125

DODGE® VAN - B300/3500

1971-2003 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1973-1978 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1984-2003 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125

FORD® AEROSTAR

1986-1991 - DANA 30 - REAR	2210-LR	92-0430-2700	n/a
1986-1997 - FORD 7.5" - REAR	1830-LR	92-0675-2805	92-0675-2825
1990-1997 - FORD 8.8" - 28 SPLINE - REAR	1820-LR	92-0688-2807	92-0688-2827

FORD® BRONCO

1966-1977 - FORD 9" - 28 SPLINE - REAR	1810-LR	92-0690-2800	n/a
1978-1986 - FORD 9" - 31 SPLINE - REAR	1810-LR	92-0690-3100	n/a
1983-1986 - FORD 8.8" - 31 SPLINE - REAR	1821-LR	92-0688-3107	92-0688-3127
1987-1996 - FORD 8.8" - 31 SPLINE - REAR	1822-LR	92-0688-3108	92-0688-3128

FORD® BRONCO II

1983-1990 - FORD 7.5" - REAR	1830-LR	92-0675-2805	92-0675-2825
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FORD® EXCURSION

2000-2005 - FORD STERLING 10.5" - REAR	n/a	92-0605-3500	n/a
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FORD® EXPEDITION

1997-2010 - FORD 9.75" - REAR	n/a	92-0697-3405	n/a
1997-2005 - FORD 8.8" - 31 SPLINE - REAR	1822-LR	92-0688-3108	92-0688-3128

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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FORD® EXPLORER

1991-2005 - FORD 8.8" - 31 SPLINE - REAR	1822-LR	92-0688-3108	92-0688-3128
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FORD® PICKUP - F150

1948-1966 - DANA 44 - 19 SPLINE - REAR	2413-LR	92-0444-1900	n/a
1957-1981 - FORD 9" - 28 SPLINE - REAR	1810-LR	92-0690-2800	n/a
1964-1969 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1968-1986 - FORD 9" - 31 SPLINE - REAR	1810-LR	92-0690-3100	n/a
1967-1968 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	n/a
1977-1979 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	n/a
1983-1986 - FORD 8.8" - 31 SPLINE - REAR	1821-LR	92-0688-3107	92-0688-3127
1987-2010 - FORD 8.8" - 31 SPLINE - REAR	1822-LR	92-0688-3108	92-0688-3128
1997-2010 - FORD 9.75" - REAR	n/a	92-0697-3405	n/a

FORD® PICKUP - F250

1960-1975 - DANA 60 - 16 SPLINE AXLES - FULL FLOAT - REAR	n/a	n/a	n/a
1974-1975 - DANA 70B - 23 SPLINE AXLES - REAR	n/a	n/a	n/a
1975-1979 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1975-1978 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1980-1985 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT - REAR	n/a	n/a	n/a
1985-1992 - FORD STERLING 10.25" - SEMI FLOAT - REAR	1840-LR	n/a	n/a
1993-1998 - FORD STERLING 10.25" - SEMI FLOAT - REAR	1840-LR	n/a	n/a
1999-UP - FORD STERLING 10.5" - REAR	n/a	92-0605-3500	n/a

FORD® PICKUP - F250LD

1997-1999 - FORD 9.75" - REAR	n/a	92-0697-3405	n/a
1997-1999 - FORD STERLING 10.25" - SEMI FLOAT - REAR	1840-LR	n/a	n/a

FORD® PICKUP - F350

1960-1975 - DANA 70B - 23 SPLINE AXLES - REAR	n/a	n/a	n/a
1975-1983 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1981-1987 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1983 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT - REAR	n/a	n/a	n/a
1983-1984 - DANA 70U - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1985-1992 - FORD STERLING 10.25" - FULL FLOAT - REAR	1840-LR	n/a	n/a
1988-1989 - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a
1990-1991 - DANA 80 - 37 SPLINE AXLES - REAR	2811-LR	92-0480-3700	n/a
1993-1997 - FORD STERLING 10.25" - FULL FLOAT - REAR	1840-LR	n/a	n/a
1999-UP - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a
1999-UP - FORD STERLING 10.5" - REAR	n/a	92-0605-3500	n/a

FORD® PICKUP - F450

1987-1989 - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a
1987-2004 - DANA 80 - 37 SPLINE AXLES - REAR	2811-LR	92-0480-3700	n/a
2001-2004 - FORD STERLING 10.5" - REAR	n/a	92-0605-3500	n/a
2005-2009 - SPICER S110 - REAR	n/a	n/a	n/a

FORD® PICKUP - F550

1999-2004 - DANA 80 - 37 SPLINE AXLES - REAR	2811-LR	92-0480-3700	n/a
1999-2004 - SPICER S135 - REAR	n/a	n/a	n/a
2005-2009 - SPICER S110 - REAR	n/a	n/a	n/a

FORD® VAN - E100/150

1963-1981 - FORD 9" - 28 SPLINE - REAR	1810-LR	92-0690-2800	n/a
1981-1987 - FORD 9" - 31 SPLINE - REAR	1810-LR	92-0690-3100	n/a
1987-2006 - FORD 8.8" - 31 SPLINE - REAR	1822-LR	92-0688-3108	92-0688-3128
1997-2006 - FORD 9.75" - REAR	n/a	92-0697-3405	n/a

FORD® VAN - E200/250

1968-1974 - FORD 9" - 28 SPLINE - REAR	1810-LR	92-0690-2800	n/a
1980 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1981-2001 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT - REAR	n/a	n/a	n/a
1983-1986 - FORD 8.8" - 31 SPLINE - REAR	1821-LR	92-0688-3107	92-0688-3127
1997-2003 - FORD 9.75" - REAR	n/a	92-0697-3405	n/a

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FORD® VAN - E300/350

1968-1996 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1974-1983 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1981-2001 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1982-1994 - DANA 70U - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1992-1998 - DANA 70U - 32 SPLINE AXLES - REAR	2711-LR	92-0470-3200	n/a
1992-2001 - DANA 70-2U - 32 SPLINE AXLES - REAR	2711-LR	92-0470-3200	n/a
1994-1995 - DANA 70HD - 32 SPLINE AXLES - REAR	2711-LR	92-0470-3200	n/a
1995-2001 - DANA 60 - 32 SPLINE AXLES - REAR	n/a	92-0460-3200	92-0460-3220
1996-1999 - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a

GMC® CANYON

2004-UP - GM 8" MIDSIZE TRUCK & SUV - REAR	n/a	n/a	n/a
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GMC® ENVOY (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1998-2001 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a
1998-2001 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2002-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-2009 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
2002-2009 - GM 8" MIDSIZE TRUCK & SUV - REAR	n/a	n/a	n/a
2006-2009 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

GMC® ENVOY XL

2002-2009 - GM 8" MIDSIZE TRUCK & SUV - REAR	n/a	n/a	n/a
2002-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a

GMC® JIMMY - FULL SIZE

1970-1982 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1982-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-1991 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a

GMC® JIMMY - S15 (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR. (b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1983-1989 - GM 10 BOLT 7.5" - 26 SPLINE AXLES - REAR	1930-LR (a)	92-0775-2605 (b)	n/a
1983-2001 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a
1995-2001 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a

GMC® PICKUP - C/K1500

1955-1964 - GM CORP 9.375" - REAR	n/a	n/a	n/a
1963-1982 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1982-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-1999 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
1988-1999 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

GMC® PICKUP - SIERRA 1500 (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1999-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
1999-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

GMC® PICKUP - SIERRA 1500HD

2001-2007 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
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GMC® PICKUP - C/K2500

1963-1967 - GM CORP HO72 - REAR	n/a	n/a	n/a
1968-1972 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1973-1987 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1973-1987 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

GMC® PICKUP - R/V2500

1988-1989 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1988-1989 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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GMC® PICKUP - C/K2500

1988-2000 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1988-2000 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

GMC® PICKUP - SIERRA 2500

1999-2004 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1999-2004 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1999-2004 - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a

GMC® PICKUP - SIERRA 2500HD

2001-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
2001-UP - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
2001-UP - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a

GMC® PICKUP - C/K3500

1973-1987 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1973-1987 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a

GMC® PICKUP - R/V3500

1988-1991 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1988-1991 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a

GMC® PICKUP - C/K3500

1988-2002 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1988-1991 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1992-2002 - DANA 80 - 35 SPLINE AXLES - REAR	2810-LR	92-0480-3500	n/a

GMC® PICKUP - SIERRA 3500

2001-UP - AAM 14 BOLT 11.5" - REAR	n/a	n/a	n/a
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GMC® PICKUP - S15 (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR. (b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1982-1989 - GM 10 BOLT 7.5" - 26 SPLINE AXLES - REAR	1930-LR (a)	92-0775-2605 (b)	n/a
1988-2004 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a
1994-2000 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2001-2003 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a

GMC® SAFARI (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR. (b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1985-1989 - GM 10 BOLT 7.5" - 26 SPLINE AXLES - REAR	1930-LR (a)	92-0775-2605 (b)	n/a
1990-2005 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a

GMC® SUBURBAN C/K1500

1965-1981 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1965-1968 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	n/a
1968-1970 - DANA 60 - 30 SPLINE AXLES - SEMI FLOAT - REAR	2610-LR	92-0460-3005	n/a
1982-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1982-1999 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1988-1999 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a

GMC® SUBURBAN C/K2500

1973-1991 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1982-1999 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

GMC® YUKON (a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1992-1999 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2000-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
2007-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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GMC® YUKON XL 1500

(a) 2007 & newer requires change to 2000.5-2006 model case sold separately

2000-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
2000-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

GMC® YUKON XL 2500

2000-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
2000-UP - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

GMC® VAN - G1500/SAVANA 1500

(a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1964-1971 - GM CHEVY 8.2" 10 BOLT - REAR	1940-LR	92-0782-2805	n/a
1964-1981 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1978-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-2002 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
2003-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-UP - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a

GMC® VAN - G2500/SAVANA 2500

1967-1981 - GM 12 BOLT 8.875" TRUCK - REAR	1910-LR	92-0788-3005	n/a
1979-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - REAR	1920-LR	92-0785-2805	n/a
1988-1995 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - REAR	1921-LR	92-0785-3005	n/a
1996-2002 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
1996-1997 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1998-2002 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a

GMC® VAN - G3500/SAVANA 3500

1973-1978 - DANA 60 - 30 SPLINE AXLES - FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1973-1987 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
1975-1987 - DANA 60 - 35 SPLINE AXLES - FULL FLOAT - REAR	2620-LR	92-0460-3500	92-0460-3520
1975-1983 - DANA 70B - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1975-1978 - DANA 70HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1984-1991 - DANA 70U - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1988-1991 - DANA 70-3HD - 35 SPLINE AXLES - REAR	2710-LR	92-0470-3500	n/a
1988-2002 - 14 BOLT 10.5" - REAR	1955-LR	92-0705-3000	n/a
2009-UP - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

HUMMER® H1

(a) 2007 & newer requires change to 2000.5-2006 model case sold separately

1992-2006 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900 (a)	92-0120-2920 (a)
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HUMMER® H2 SUT

2004-2007 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
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HUMMER® H2 SUV

2003-2009 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a
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HUMMER® H3T

(a) 2007 & newer requires change to 2000.5-2006 model case sold separately

2009-2010 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a
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HUMMER® H3 SUV

(a) 2007 & newer requires change to 2000.5-2006 model case sold separately

2005-2006 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005	n/a
2007-2010 - GM 10 BOLT 8.6" - 30 SPLINE AXLES - REAR	n/a	92-0786-3005 (a)	n/a

INTERNATIONAL® SCOUT

1961-1967 - DANA 27 - REAR	2115-LR	n/a	n/a
1968-1971 - DANA 44 - 30 SPLINE - REAR	2210-LR	92-0430-2700	n/a

INTERNATIONAL® SCOUT II

1971-1980 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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JEEP® CHEROKEE (a) Fits 1.625" side gear hub - If 1.56" side gear hub, use 1994 application listing

1974-1979 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
1976-1983 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920
1984-1989 - DANA 35 - REAR	2309-LR	92-0435-2700	92-0435-2720
1990-1992 - DANA 35 - REAR	2310-LR	92-0435-2705	92-0435-2725
1993 - DANA 35 - REAR	2310-LR (a)	92-0435-2705 (a)	92-0435-2725
1994-2001 - DANA 35 - REAR	2311-LR	92-0435-2706	92-0435-2725
1987-1989 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
1991-1996 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725
1997-2001 - CHRYSLER 8.25" 10 BOLT - 29 SPLINE - REAR	1250-LR	92-0382-2905	92-0382-2925

JEEP® CJ2A

1941-1948 - DANA 41 - 10 SPLINE - REAR	2416-LR	n/a	n/a
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JEEP® CJ3A

1948 - DANA 41 - 10 SPLINE - REAR	2416-LR	n/a	n/a
1949-1953 - DANA 44 - 10 SPLINE - REAR	2415-LR	n/a	n/a

JEEP® CJ3B

1952-1965 - DANA 44 - 10 SPLINE - REAR	2415-LR	n/a	n/a
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JEEP® CJ5

1966-1968 - DANA 44 - 19 SPLINE - REAR	2413-LR	92-0444-1900	n/a
1969-1975 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
1976-1983 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920

JEEP® CJ6

1966-1968 - DANA 44 - 19 SPLINE - REAR	2413-LR	92-0444-1900	n/a
1969-1975 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
1976 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920

JEEP® CJ7

1977-1986 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920
1986 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020

JEEP® CJ8

1981 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920
1982-1985 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920

JEEP® COMANCHE

1986-1989 - DANA 35 - REAR	2309-LR	92-0435-2700	92-0435-2720
1990-1992 - DANA 35 - REAR	2310-LR	92-0435-2705	92-0435-2725
1986-1992 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
1986-1992 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725

JEEP® COMMANDO

1967-1973 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
1967-1970 - DANA 30 - REAR	2210-LR	92-0430-2700	n/a

JEEP® GRAND CHEROKEE (a) Fits 1.625" side gear hub - If 1.56" side gear hub, use 1994 application listing

1992 - DANA 35 - REAR	2310-LR	92-0435-2705	92-0435-2725
1993 - DANA 35 - REAR	2310-LR (a)	92-0435-2705 (a)	92-0435-2725
1994-2004 - DANA 35 - REAR	2311-LR	92-0435-2706	92-0435-2725
1992-1996 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725
1996-2000 - DANA 44 ZJ/WJ - 3/8" RING GEAR BOLTS - REAR	n/a	n/a	n/a
2000-2004 - DANA 44 ZJ/WJ - 7/16" RING GEAR BOLTS - REAR	n/a	n/a	n/a
1997-2004 - CHRYSLER 8.25" 10 BOLT - 29 SPLINE - REAR	1250-LR	92-0382-2905	92-0382-2925

JEEP® GRAND WAGONEER

1984-1986 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920
1984-1991 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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JEEP® J10

1974-1975 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920
1974-1988 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
1980-1986 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920

JEEP® J20

1974-1988 - DANA 60 - 30 SPLINE FULL FLOAT - REAR	2610-LR	92-0460-3000	92-0460-3020
1974-1988 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	2620-LR	n/a	n/a

JEEP® LIBERTY

2002-2009 - CHRYSLER 8.25" 10 BOLT - 29 SPLINE - REAR	1250-LR	92-0382-2905	92-0382-2925
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JEEP® WAGONEER

1974-1983 - AMC MODEL 20 - REAR	1710-LR	92-0120-2900	92-0120-2920
1984-1989 - DANA 35 - REAR	2309-LR	92-0435-2700	92-0435-2720
1990 - DANA 35 - REAR	2310-LR	92-0435-2705	92-0435-2725
1984-1990 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725

JEEP® WRANGLER (a) Fits 1.625" side gear hub - If 1.56" side gear hub, use 1994 application listing

1987-1989 - DANA 35 - REAR	2309-LR	92-0435-2700	92-0435-2720
1990-1992 - DANA 35 - REAR	2310-LR	92-0435-2705	92-0435-2725
1993 - DANA 35 - REAR	2310-LR (a)	92-0435-2705(a)	92-0435-2725
1994-2006 - DANA 35 - REAR	2311-LR	92-0435-2706	92-0435-2725
1987-2006 - DANA 44 - 30 SPLINE - REAR	2410-LR	92-0444-3000	92-0444-3020
2003-2006 - DANA 44 TJ RUBICON TYPE - REAR	n/a	n/a	n/a
2007-UP - DANA 44 JK TYPE - REAR	n/a	n/a	n/a
2007-UP - DANA 44 JK RUBICON TYPE - REAR	n/a	n/a	n/a

LINCOLN® BLACKWOOD

2002 - FORD 9.75" - REAR	n/a	92-0697-3405	n/a
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LINCOLN® NAVIGATOR

1998-UP - FORD 9.75" - REAR	n/a	92-0697-3405	n/a
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MERCURY® MOUNTAINEER

1997-2006 - FORD 8.8" - 31 SPLINE - REAR	1822-LR	92-0688-3108	92-0688-3128
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NISSAN® FRONTIER

2004-2007 - DANA 44 - 32 SPLINE - REAR	n/a	n/a	n/a
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NISSAN® PATHFINDER

1986-1996 - H233B - REAR	3220-LR	n/a	n/a
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NISSAN® PICKUP - HARDBODY

1986-1996 - H233B - REAR	3220-LR	n/a	n/a
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NISSAN® TITAN

2004-2007 - DANA 44 - 32 SPLINE - REAR	n/a	n/a	n/a
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NISSAN® XTERRA

2000-2001 - H233B - REAR	3220-LR	n/a	n/a
2004-2007 - DANA 44 - 32 SPLINE - REAR	n/a	n/a	n/a

OLDSMOBILE® BRAVADA

1991-2001 - GM 10 BOLT 7.625" - 28 SPLINE AXLES - REAR	1931-LR	92-0776-2805	n/a
2002-2004 - GM 8" MIDSIZE TRUCK & SUV - REAR	n/a	n/a	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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PLYMOUTH® TRAILDUSTER

1974-1981 - CHRYSLER 9.25" 12 BOLT - REAR	1220-LR	92-0392-3105	92-0392-3125
1978-1981 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE - REAR	1230-LR	92-0382-2705	92-0382-2725

SUZUKI® GRAND VITARA

1999-2001 - REAR	1520-LR	n/a	n/a
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SUZUKI® SAMURAI

(a) kit 1530-LR replaces side gears - kit 1510-LR uses factory side gears, which must be in good condition to operate properly. 1985-1995 - REAR	1530-LR (a)	n/a	n/a
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SUZUKI® SIDEKICK

(a) kit 1532-LR replaces side gears - kit 1512-LR uses factory side gears, which must be in good condition to operate properly 1989-1995 - REAR	1532-LR (a)	n/a	n/a
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TOYOTA® 4 RUNNER

1984-1995 - TOYOTA 8" 4CYL - REAR	1610-LR	92-2080-3001	n/a
1984-UP - TOYOTA 8" 6CYL (non-TRD) - REAR	1620-LR	n/a	n/a
1996-UP - TOYOTA 8" WITH TRD PUSH BUTTON LOCKER - REAR	n/a	n/a	n/a

TOYOTA® FJ CRUISER

2007-UP - TOYOTA 8" 6CYL (non-TRD) - REAR	1620-LR	n/a	n/a
2007-UP - TOYOTA 8" WITH TRD PUSH BUTTON LOCKER - REAR	n/a	n/a	n/a

TOYOTA® LANDCRUISER

1950-1968 - TOYOTA LANDCRUISER 9.5" - 10 SPLINE - REAR	n/a	92-2088-1005	n/a
1968-1998 - TOYOTA LANDCRUISER 9.5" - 30 SPLINE - REAR	1630-LR	92-2088-3005	n/a

TOYOTA® PICKUP

1976-1995 - TOYOTA 7.5" - REAR	1611-LR	n/a	n/a
1979-1995 - TOYOTA 8" 4CYL - REAR	1610-LR	92-2080-3001	n/a
1979-1995 - TOYOTA 8" 6CYL - REAR	1620-LR	n/a	n/a

TOYOTA® T100

1993-1998 - TOYOTA TACOMA STYLE 8" (NON-TRD) - REAR	1615-LR	92-2080-3002	n/a
1995-1998 - TOYOTA 8" WITH TRD PUSH BUTTON LOCKER - REAR	n/a	n/a	n/a

TOYOTA® TACOMA

1995-UP - TOYOTA TACOMA STYLE 8" (NON-TRD) - REAR	1615-LR	92-2080-3002	n/a
1995-UP - TOYOTA 8" WITH TRD PUSH BUTTON LOCKER - REAR	n/a	n/a	n/a

TOYOTA® TUNDRA

2001-2006 - TOYOTA TACOMA STYLE 8" (NON-TRD) - REAR	1615-LR	92-2080-3002	n/a
2001-2006 - TOYOTA 8" WITH TRD PUSH BUTTON LOCKER - REAR	n/a	n/a	n/a

TOYOTA® SEQUOIA

2001-2007 - TOYOTA TACOMA STYLE 8" (NON-TRD) - REAR	1615-LR	92-2080-3002	n/a
2001-2007 - TOYOTA 8" WITH TRD PUSH BUTTON LOCKER - REAR	n/a	n/a	n/a

BUICK® RAINIER

2004-2007 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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CADILLAC® ESCALADE

1999-2000 - GM 8.25" IFS - FRONT	n/a	n/a	n/a
2002-UP - GM 8.25" IFS - FRONT	n/a	n/a	n/a

CHEVROLET® ASTRO

1990-2005 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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CHEVROLET® BLAZER - FULL SIZE

1969-1979 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1980-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT	1920-LR	92-0785-2805	n/a
1988-1991 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT	1921-LR	92-0785-3005	n/a

CHEVROLET® COLORADO

2004-UP - GM 7.6" IFS - FRONT	n/a	n/a	n/a
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CHEVROLET® PICKUP - C/K10 SERIES

1963-1979 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1980-1987 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT	1920-LR	92-0785-2805	n/a
1988-1999 - GM 8.25" IFS - FRONT	n/a	n/a	n/a

CHEVROLET® PICKUP - SILVERADO 1500 SERIES

1999-UP - GM 8.25" IFS - FRONT	n/a	n/a	n/a
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CHEVROLET® PICKUP - SILVERADO 1500HD SERIES

2001-2007 - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
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CHEVROLET® PICKUP - C/K20 SERIES

1963-1980 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1981-1987 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT	1920-LR	92-0785-2805	n/a

CHEVROLET® PICKUP - R/V2500 SERIES

1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT	1920-LR	92-0785-2805	n/a
1988-1989 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT	1921-LR	92-0785-3005	n/a

CHEVROLET® PICKUP - C/K2500 SERIES

1988-2000 - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
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CHEVROLET® PICKUP - SILVERADO 2500 SERIES

1999-2004 - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
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CHEVROLET® PICKUP - SILVERADO 2500HD SERIES

2001-2007 - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
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CHEVROLET® PICKUP - SILVERADO 2500HD SERIES (NEWER BODY STYLE)

2007-UP - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
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CHEVROLET® PICKUP - C/K30 SERIES

1977-1987 - DANA 60 - 35 SPLINE AXLES - FRONT	2620-LR	92-0460-3500	92-0460-3520
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CHEVROLET® PICKUP - R/V3500 SERIES

1988-1991 - DANA 60 - 35 SPLINE AXLES - FRONT	2620-LR	92-0460-3500	92-0460-3520
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CHEVROLET® PICKUP - C/K3500 SERIES

1988-2002 - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
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CHEVROLET® PICKUP - SILVERADO 3500 SERIES

2001-UP - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
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CHEVROLET® SUBURBAN - C/K/R/V10 1500

1965-1979 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1980-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT	1920-LR	92-0785-2805	n/a
1988-1991 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT	1921-LR	92-0785-3005	n/a
1992-1999 - GM 8.25" IFS - FRONT	n/a	n/a	n/a
1995-1999 - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
2000-UP - GM 8.25" IFS - FRONT	n/a	n/a	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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CHEVROLET® SUBURBAN - C/K/R/V20 2500

1971-1981 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1981-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT	1920-LR	92-0785-2805	n/a
1988-1991 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT	1921-LR	92-0785-3005	n/a
1992-1999 - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a
2000-UP - GM 9.25" IFS - FRONT	1950-LR	92-0792-3301	n/a

CHEVROLET® S10 BLAZER

1983-2005 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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CHEVROLET® S10 PICKUP

1982-2004 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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CHEVROLET® TAHOE

1995-1999 - GM 8.25" IFS - FRONT	n/a	n/a	n/a
2000-UP - GM 8.25" IFS - FRONT	n/a	n/a	n/a

CHEVROLET® TRAILBLAZER

2002-2009 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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CHEVROLET® VAN - EXPRESS 1500 SERIES

2003-UP - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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CHEVROLET® VAN - EXPRESS 2500 SERIES

2003-2006 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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DODGE® DAKOTA

1987-1996 - CHRYSLER 7.25" - FRONT	n/a	n/a	n/a
1997-1999 - DANA 35 IFS WITH C.V. AXLESHAFTS - FRONT	2311-LR	92-0435-2702	n/a
2000-2010 - CHRYSLER 8" IFS - FRONT	n/a	n/a	n/a

DODGE® DURANGO

1998-1999 - DANA 35 IFS WITH C.V. AXLESHAFTS - FRONT	2311-LR	92-0435-2702	n/a
2000-2003 - CHRYSLER 8" IFS - FRONT	n/a	n/a	n/a

DODGE® PICKUP - D/W 100/150 & RAM 1500

1959-1968 - DANA 44 - 19 SPLINE - FRONT	2413-LR	92-0444-1900	n/a
1969-2001 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
2002-2010 - CHRYSLER 8" IFS - FRONT	n/a	n/a	n/a

DODGE® PICKUP - D/W 200/250 & RAM 2500

1959-1968 - DANA 44 - 19 SPLINE - FRONT	2413-LR	92-0444-1900	n/a
1969-2002 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1972-1974 - DANA 70B - 35 SPLINE AXLES - FRONT	2710-LR	92-0470-3500	n/a
1975-1993 - DANA 60 - 35 SPLINE AXLES - FRONT	2620-LR	92-0460-3500	92-0460-3520
1994-1999 - DANA 60 - 30 SPLINE AXLES - FRONT	2610-LR	92-0460-3000	92-0460-3020
2000-2002 - DANA 60 - 32 SPLINE AXLES - FRONT	n/a	92-0460-3200	92-0460-3220
2003-2010 - AAM 9.25" - FRONT	n/a	n/a	n/a

DODGE® PICKUP - D/W 300/350 & RAM 3500

1958-1965 - DANA 70B - 35 SPLINE AXLES - FRONT	2710-LR	92-0470-3500	n/a
1975-1993 - DANA 60 - 35 SPLINE AXLES - FRONT	2620-LR	92-0460-3500	92-0460-3520
1994-1999 - DANA 60 - 30 SPLINE AXLES - FRONT	2610-LR	92-0460-3000	92-0460-3020
2000-2002 - DANA 60 - 32 SPLINE AXLES - FRONT	n/a	92-0460-3200	92-0460-3220
2003-2010 - AAM 9.25" - FRONT	n/a	n/a	n/a

DODGE® RAMCHARGER

1974-1993 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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FORD® BRONCO - FULL SIZE

1966-1971 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a
1971-1977 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1978-1996 - DANA 44 REVERSE CUT - HIGH-PINION - FRONT	2410-LR	92-0444-3000	92-0444-3020

FORD® BRONCO II

1983-1990 - DANA 28 - FRONT	2116-LR	n/a	n/a
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FORD® EXCURSION

2000-2001 - DANA 50 - 30 SPLINE AXLES - FRONT	2510-LR	n/a	n/a
2002-2005 - DANA 60 REVERSE CUT - HIGH-PINION - FRONT	2620-LR	92-0460-3500	92-0460-3520

FORD® EXPEDITION

1997-2010 - FORD 8.8" IFS WITH C.V. AXLESHAFTS - FRONT	1820-LR	92-0688-2807	n/a
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FORD® EXPLORER

1991-1994 - DANA 35 IFS WITH I-BEAM SUSPENSION - FRONT	2310-LR	92-0435-2705	92-0435-2725
1995-2005 - DANA 35 IFS WITH C.V. AXLESHAFTS - FRONT	2311-LR	92-0435-2706	n/a
2001-2005 - DANA 30 - FRONT	n/a	n/a	n/a

FORD® PICKUP - F100/F150

1959-1966 - DANA 44 - 19 SPLINE - FRONT	2413-LR	92-0444-1900	n/a
1967-1977 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1976-1996 - DANA 44 REVERSE CUT - HIGH-PINION - FRONT	2410-LR	92-0444-3000	92-0444-3020
1997-2010 - FORD 8.8" IFS WITH C.V. AXLESHAFTS - FRONT	1820-LR	92-0688-2807	n/a

FORD® PICKUP - F250

1960-1966 - DANA 44 - 19 SPLINE - FRONT	2413-LR	92-0444-1900	n/a
1967-1977 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1975-1977 - DANA 60 - 30 SPLINE AXLES - FRONT	2610-LR	92-0460-3000	92-0460-3020
1977-1988 - DANA 44 REVERSE CUT - HIGH-PINION - FRONT	2410-LR	92-0444-3000	92-0444-3020
1978-1979 - DANA 60 REVERSE CUT - HIGH-PINION - FRONT	2620-LR	92-0460-3500	92-0460-3520
1981-1998 - DANA 50 - 30 SPLINE AXLES - FRONT	2510-LR	n/a	n/a
1999-2001 - DANA 50 - 30 SPLINE AXLES - FRONT	2510-LR	n/a	n/a
2002-UP - DANA 60 REVERSE CUT - HIGH-PINION - FRONT	2620-LR	92-0460-3500	92-0460-3520

FORD® PICKUP - F250 LIGHT DUTY

1997-1999 - FORD 8.8" IFS WITH C.V. AXLESHAFTS - FRONT	1820-LR	92-0688-2807	n/a
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FORD® PICKUP - F350

1978-UP - DANA 60 REVERSE CUT - HIGH-PINION - FRONT	2620-LR	92-0460-3500	92-0460-3520
1980-2001 - DANA 50 - 30 SPLINE AXLES - FRONT	2510-LR	n/a	n/a
1981-1985 - DANA 44 REVERSE CUT - HIGH-PINION - FRONT	2410-LR	92-0444-3000	92-0444-3020

FORD® F450 SUPERDUTY

1999-2009 - DANA 60 REVERSE CUT - HIGH-PINION - FRONT	2620-LR	92-0460-3500	92-0460-3520
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FORD® F550 SUPERDUTY

1999-2009 - DANA 60 REVERSE CUT - HIGH-PINION - FRONT	2620-LR	92-0460-3500	92-0460-3520
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FORD® RANGER

1982-1989 - DANA 28 - FRONT	2116-LR	n/a	n/a
1990-1997 - DANA 35 IFS WITH I-BEAM SUSPENSION - FRONT	2310-LR	92-0435-2705	92-0435-2725
1998-UP - DANA 35 IFS WITH C.V. AXLESHAFTS - FRONT	2311-LR	92-0435-2706	n/a

GMC® CANYON

2004-UP - GM 7.6" IFS - FRONT	n/a	n/a	n/a
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GMC® ENVOY

1998-2009 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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GMC® ENVOY XL

2002-2006 - GM 7.25" IFS - FRONT

1935-LR	n/a	n/a
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GMC® JIMMY - FULL SIZE

1969-1979 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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1980-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT

1920-LR	92-0785-2805	n/a
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1988-1991 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT

1921-LR	92-0785-3005	n/a
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GMC® PICKUP - C/K/R/V 1500 SERIES

1963-1979 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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1980-1987 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT

1920-LR	92-0785-2805	n/a
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1988-1999 - GM 8.25" IFS - FRONT

n/a	n/a	n/a
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GMC® PICKUP - SIERRA 1500 SERIES

1999-UP - GM 8.25" IFS - FRONT

n/a	n/a	n/a
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GMC® PICKUP - SIERRA 1500HD SERIES

2001-2007 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® PICKUP - C/K/R/V 2500 SERIES

1963-1980 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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1981-1987 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT

1920-LR	92-0785-2805	n/a
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1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT

1920-LR	92-0785-2805	n/a
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1988-1989 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT

1921-LR	92-0785-3005	n/a
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1988-2000 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® PICKUP - SIERRA 2500 SERIES

1999-2004 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® PICKUP - SIERRA 2500HD SERIES

2001-2007 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® PICKUP - C/K/R/V 3500 SERIES

1977-1987 - DANA 60 - 35 SPLINE AXLES - FRONT

2620-LR	92-0460-3500	92-0460-3520
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1988-1991 - DANA 60 - 35 SPLINE AXLES - FRONT

2620-LR	92-0460-3500	92-0460-3520
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1988-2002 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® PICKUP - SIERRA 3500 SERIES

2001-UP - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® SUBURBAN - C/K/R/V 1500

1965-1979 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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1980-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT

1920-LR	92-0785-2805	n/a
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1988-1991 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT

1921-LR	92-0785-3005	n/a
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1992-1999 - GM 8.25" IFS - FRONT

n/a	n/a	n/a
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1995-1999 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® SUBURBAN - C/K/R/V 2500

1971-1981 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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1981-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES - FRONT

1920-LR	92-0785-2805	n/a
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1988-1991 - GM 10 BOLT 8.5" - 30 SPLINE AXLES - FRONT

1921-LR	92-0785-3005	n/a
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1992-1999 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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GMC® S15 JIMMY

1983-2001 - GM 7.25" IFS - FRONT

1935-LR	n/a	n/a
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GMC® S15 PICKUP

1982-1993 - GM 7.25" IFS - FRONT

1935-LR	n/a	n/a
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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GMC® SAFARI

1990-2005 - GM 7.25" IFS - FRONT

1935-LR	n/a	n/a
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GMC® SONOMA

1994-2004 - GM 7.25" IFS - FRONT

1935-LR	n/a	n/a
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GMC® VAN - SAVANA 1500 SERIES

2003-UP - GM 7.25" IFS - FRONT

1935-LR	n/a	n/a
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GMC® VAN - SAVANA 2500 SERIES

2003-2006 - GM 7.25" IFS - FRONT

1935-LR	n/a	n/a
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GMC® YUKON

1992-1999 - GM 8.25" IFS - FRONT

n/a	n/a	n/a
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2000-UP - GM 8.25" IFS - FRONT

n/a	n/a	n/a
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GMC® YUKON XL 1500

2000-UP - GM 8.25" IFS - FRONT

n/a	n/a	n/a
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GMC® YUKON XL 2500

2000-UP - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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HUMMER® H1

(a) Requires use of case AMC/Jeep AMC20 model style differential bare case and side thrust washers, not included in Lock Right or Powertrax kits.

1992-2006 - AMC MODEL 20 - FRONT

1710-LR (a)	92-0120-2900 (a)	92-0120-2920 (a)
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HUMMER® H2 SUT

2004-2007 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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HUMMER® H2 SUV

2003-2009 - GM 9.25" IFS - FRONT

1950-LR	92-0792-3301	n/a
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HUMMER® H3T

2009-2010 - GM 7.6" IFS - FRONT

n/a	n/a	n/a
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HUMMER® H3 SUV

2005-2010 - GM 7.6" IFS - FRONT

n/a	n/a	n/a
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INTERNATIONAL® SCOUT

1961-1971 - DANA 27 - FRONT

2115-LR	n/a	n/a
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1968-1971 - DANA 30 - FRONT

2210-LR	92-0430-2700	n/a
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INTERNATIONAL® SCOUT II

1971-1977 - DANA 30 - FRONT

2210-LR	92-0430-2700	n/a
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1973-1980 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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JEEP® CHEROKEE

1974-1979 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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1980-1983 - DANA 44 - 30 SPLINE - FRONT

2410-LR	92-0444-3000	92-0444-3020
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1984-1999 - DANA 30 REVERSE - FRONT

2210-LR	92-0430-2700	n/a
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2000-2001 - DANA 30 TJ TYPE - FRONT

2210-LR	92-0430-2700	n/a
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JEEP® CJ2A

1945-1949 - DANA 25 - 10 SPLINE - FRONT

2110-LR	n/a	n/a
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JEEP® CJ3A

1948-1953 - DANA 25 - 10 SPLINE - FRONT

2110-LR	n/a	n/a
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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JEEP® CJ3B

1952-1964 - DANA 25 - 10 SPLINE - FRONT	2110-LR	n/a	n/a
1964-1968 - DANA 27 - 10 SPLINE - FRONT	2115-LR	n/a	n/a

JEEP® CJ5

1971-1983 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a
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JEEP® CJ6

1971-1976 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a
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JEEP® CJ7

1977-1981 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a
1982-1986 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a

JEEP® CJ8

1981 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a
1982-1985 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a

JEEP® COMANCHEE

1986-1992 - DANA 30 REVERSE - FRONT	2210-LR	92-0430-2700	n/a
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JEEP® COMMANDO

1967-1971 - DANA 27 - 10 SPLINE - FRONT	2115-LR	n/a	n/a
1972-1973 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a

JEEP® GRAND CHEROKEE

1992-1996 - DANA 30 ZJ TYPE - FRONT	2210-LR	92-0430-2700	n/a
1996-2004 - DANA 30 TJ TYPE - FRONT	2210-LR	92-0430-2700	n/a

JEEP® GRAND WAGONEER

1984-1991 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
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JEEP® J10

1974-1988 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
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JEEP® J20

1974-1988 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
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JEEP® LIBERTY

2002-2007 - DANA 30 KJ TYPE - FRONT	2210-LR	92-0430-2700	n/a
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JEEP® WAGONEER

1971-1983 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
1971-1973 - DANA 30 - FRONT	2210-LR	92-0430-2700	n/a
1984-1990 - DANA 30 REVERSE - FRONT	2210-LR	92-0430-2700	n/a

JEEP® WRANGLER

1987-1996 - DANA 30 REVERSE - FRONT	2210-LR	92-0430-2700	n/a
1997-2006 - DANA 30 TJ TYPE - FRONT	2210-LR	92-0430-2700	n/a
2003-2006 - DANA 44 TJ RUBICON TYPE - FRONT	n/a	n/a	n/a
2007-2011 - DANA 30 JK TYPE - FRONT	n/a	n/a	n/a
2007-2011 - DANA 44 JK RUBICON TYPE - FRONT	n/a	n/a	n/a

LINCOLN® NAVIGATOR

1998-UP - FORD 8.8" IFS WITH C.V. AXLESHAFTS - FRONT	1820-LR	92-0688-2807	n/a
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MERCURY® MOUNTAINEER

1997-2006 - DANA 35 IFS WITH C.V. AXLESHAFTS - FRONT	2311-LR	92-0435-2706	n/a
2001-2006 - DANA 30 - FRONT	n/a	n/a	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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OLDSMOBILE® BRAVADA

1991-2004 - GM 7.25" IFS - FRONT	1935-LR	n/a	n/a
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PLYMOUTH® TRAILDUSTER

1974-1981 - DANA 44 - 30 SPLINE - FRONT	2410-LR	92-0444-3000	92-0444-3020
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SUZUKI® SAMURAI

(a) Kit 1510-LR uses factory side gears, which must be in good condition to operate properly

1985-1995 - FRONT	1510-LR (a)	n/a	n/a
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TOYOTA® 4 RUNNER

1984-1985 - TOYOTA 8" - FRONT	1610-LR	92-2080-3001	n/a
1986-1995 - TOYOTA 7.5" IFS WITH C.V. AXLESHAFTS - FRONT	1611-LR	n/a	n/a
1995-2002 - TOYOTA TACOMA/TUNDRA 7.5" C.V. STYLE - FRONT	1611-LR	n/a	n/a
2003-UP - TOYOTA 8" HIGH-PINION IFS - FRONT	n/a	n/a	n/a

TOYOTA® FJ CRUISER

2007-UP - TOYOTA 8" HIGH-PINION IFS - FRONT	n/a	n/a	n/a
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TOYOTA® LANDCRUISER

1950-1968 - TOYOTA LANDCRUISER 9.5" - 10 SPLINE - FRONT	n/a	92-2088-1005	n/a
1968-1989 - TOYOTA LANDCRUISER 9.5" - 30 SPLINE - FRONT	1630-LR	92-2088-3005	n/a
1990-1998 - 8" IFS - FRONT	1610-LR	92-2080-3001	n/a

TOYOTA® PICKUP

1976-1995 - TOYOTA 8" - FRONT	1610-LR	92-2080-3001	n/a
1986-1995 - TOYOTA 7.5" IFS WITH C.V. AXLESHAFTS - FRONT	1611-LR	n/a	n/a

TOYOTA® T100

1993-1996 - TOYOTA 7.5" IFS WITH C.V. AXLESHAFTS - FRONT	1611-LR	n/a	n/a
1997-1998 - TOYOTA TACOMA/TUNDRA 7.5" C.V. STYLE - FRONT	1611-LR	n/a	n/a

TOYOTA® TACOMA

1995-2004 - TOYOTA TACOMA/TUNDRA 7.5" C.V. STYLE - FRONT	1611-LR	n/a	n/a
2005-UP - TOYOTA 8" HIGH-PINION IFS - FRONT	n/a	n/a	n/a

TOYOTA® TUNDRA

1995-2004 - TOYOTA TACOMA/TUNDRA 7.5" C.V. STYLE - FRONT	1611-LR	n/a	n/a
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TOYOTA® SEQUOIA

1995-2004 - TOYOTA TACOMA/TUNDRA 7.5" C.V. STYLE - FRONT	1611-LR	n/a	n/a
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AMC® AMBASSADOR

1967-1974 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
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AMC® AMX

1968-1979 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
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AMC® CONCORD

1978-1981 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
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AMC® EAGLE

1980-1988 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
1980-1988 - DANA 35	2310-LR	92-0435-2700	92-0435-2720
1980-1988 - DANA 30 - (FRONT)	2210-LR	92-0430-2700	n/a

AMC® GREMLIN

1970-1978 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
1973-1978 - DANA 35	2310-LR	92-0435-2700	92-0435-2720

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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AMC® HORNET

1970-1977 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
1970-1977 - DANA 35	2310-LR	92-0435-2700	92-0435-2720

AMC® JAVELIN

1968-1974 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
1970-1974 - DANA 35	2310-LR	92-0435-2700	92-0435-2720

AMC® MARLIN

1967 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
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AMC MATADOR

1971-1978 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
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AMC® PACER

1978-1979 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
1975-1978 - DANA 35	2310-LR	92-0435-2700	92-0435-2720

AMC® RAMBLER

1969 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
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AMC® REBEL

1969 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
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AMC® SPIRIT

1979 - AMC MODEL 20	1710-LR	92-0120-2900	92-0120-2920
1979-1982 - DANA 35	2310-LR	92-0435-2700	92-0435-2720

BUICK® APOLLO

	(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.	(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605	
1973-1975 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1973-1975 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

BUICK® CENTURION

1971-1973 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
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BUICK® CENTURY

	(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.	(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605	
1973-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1981 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

BUICK® ELECTRA

	(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.	(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605	
1971-1985 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1985 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

BUICK® GRAND NATIONAL, T-TYPE & GNX

	(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.	(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605	
1982-1987 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1984-1987 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

BUICK® LASABRE

	(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.	(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605	
1971-1985 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1975-1985 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

BUICK® REGAL

	(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.	(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605	
1973-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1987 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1984-1987 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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BUICK® RIVIERA

1977-1978 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
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BUICK® ROADMASTER

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1991 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1991-1996 - GM 10 BOLT 7.5"/7.625" - 28 SPLINE AXLES	1931-LR	92-0776-2805	n/a
1991-1996 - GM 10 BOLT 8.5" - 30 SPLINE AXLES	1921-LR	92-0785-3005	n/a

BUICK® SKYLARK

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1975-1979 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1979 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

CADILLAC® FULL-SIZE

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1977-1984 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1982-1987 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1984-1996 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1988-1990 - GM 10 BOLT 7.625" - 26 SPLINE AXLES	1932-LR	92-0776-2605	n/a
1991-1996 - 14 BOLT 9.5" - REAR	1950-LR	92-0795-3305	n/a

CADILLAC® SEVILLE

1976-1979 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
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CHEVROLET® BEL AIR

1955-1964 - GM CHEVY 8.2" 3RD MEMBER	n/a	n/a	n/a
1965-1970 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1970 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1971-1975 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

CHEVROLET® BISCAYNE

1958-1964 - GM CHEVY 8.2" 3RD MEMBER	n/a	n/a	n/a
1965-1970 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1971-1972 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

CHEVROLET® BROCKWOOD

1969-1970 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1971-1972 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

CHEVROLET® CAMARO

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1967-1969 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1967-1969 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1970 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1970-1981 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1982-1989 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1985-1991 - GM 10 BOLT 7.75 - 9 BOLT	n/a	n/a	n/a
1990-2002 - GM 10 BOLT 7.5"/7.625" - 28 SPLINE AXLES	1931-LR	92-0776-2805	n/a
2010+ - 8.6" V8 CAMARO	n/a	n/a	n/a

CHEVROLET® CAPRICE

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1965-1972 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1970 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1973-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1992 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1989-1996 - GM 10 BOLT 8.5" - 30 SPLINE AXLES	1921-LR	92-0785-3005	n/a
1993-1996 - GM 10 BOLT 7.5"/7.625" - 28 SPLINE AXLES	1931-LR	92-0776-2805	n/a

CHEVROLET® CHEVELLE

1964 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1972 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1972 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1973-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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CHEVROLET CHEVY II

1965-1969 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1969 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a

CHEVROLET CORVETTE

1955-1962 - GM CHEVY 8.2" 3RD MEMBER	n/a	n/a	n/a
1963-1979 - GM EARLY CORVETTE	n/a	n/a	n/a
1980-1982 - DANA 44 CORVETTE	n/a	n/a	n/a
1984-1996 - DANA 36 CORVETTE	n/a	n/a	n/a
1984-1996 - DANA 44HD IRS	n/a	n/a	n/a
1997-2004 - GM CORVETTE LATE REAR	n/a	n/a	n/a

CHEVROLET® EL CAMINO

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1959-1960 - GM CHEVY 8.2" 3RD MEMBER	n/a	n/a	n/a
1964 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1972 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1972 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1973-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1987 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

CHEVROLET® IMPALA

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1959-1964 - GM CHEVY 8.2" 3RD MEMBER	n/a	n/a	n/a
1965-1970 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1970 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1971-1985 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1985 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1994-1996 - GM 10 BOLT 7.5"/7.625" - 28 SPLINE AXLES	1931-LR	92-0776-2805	n/a
1994-1996 - GM 10 BOLT 8.5" - 30 SPLINE AXLES	1921-LR	92-0785-3005	n/a

CHEVROLET® MALIBU

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1964 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1965-1967 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1973-1983 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1983 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

CHEVROLET® MONTE CARLO

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1970-1972 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1970-1972 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1973-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1988 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

CHEVROLET® MONZA

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1975-1980 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
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CHEVROLET® NOVA

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1964-1971 - GM CHEVY 8.2" 10 BOLT	1940-LR	92-0782-2805	n/a
1968-1971 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1972-1979 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1976-1979 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

CHEVROLET® ONE-FIFTY SERIES

1955-1957 - GM CHEVY 8.2" 3RD MEMBER	n/a	n/a	n/a
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CHEVROLET® TWO-TEN SERIES

1955-1957 - GM CHEVY 8.2" 3RD MEMBER	n/a	n/a	n/a
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CHEVROLET® VEGA

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1975-1977 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
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Application Guide

LOCK RIGHT
Open Case

POWERTRAX
Open Case

POWERTRAX
For Posi Case

CHRYSLER® 300

1957-1968 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1968 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1969-1971 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a

CHRYSLER® CORDOBA

1975-1983 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1975-1979 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125
1980-1983 - CHRYSLER 7.25"	n/a	n/a	n/a

CHRYSLER® FIFTH AVENUE

1983-1989 - CHRYSLER 7.25"	n/a	n/a	n/a
1983-1989 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

CHRYSLER® IMPERIAL

1957-1967 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1967 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1981-1983 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

CHRYSLER® LEBARON

1977-1983 - CHRYSLER 7.25"	n/a	n/a	n/a
1977-1983 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

CHRYSLER® NEW YORKER

1957-1967 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1968 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1969-1973 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1972-1989 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1974-1981 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125
1982-1989 - CHRYSLER 7.25"	n/a	n/a	n/a

CHRYSLER® NEWPORT

1957-1967 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1968 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1972-1981 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1974-1981 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

CHRYSLER® SARATOGA

1957-1960 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1960 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a

CHRYSLER® TOWN & COUNTRY

1957-1967 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1968 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1972-1981 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1974-1981 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125
1977-1981 - CHRYSLER 7.25"	n/a	n/a	n/a

CHRYSLER® WINDSOR

1957-1961 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1961 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a

DODGE® ASPEN

1976-1980 - CHRYSLER 7.25"	n/a	n/a	n/a
1976-1980 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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DODGE ® CHALLENGER

1970-1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1970-1974 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1970-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1970-1971 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1970-1971 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a

DODGE ® CHARGER

1966-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1966-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1966-1969 - DANA 60 - 23 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1968-1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1969-1978 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1969-1972 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1974-1978 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

DODGE ® CORONET

1957-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1966-1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1967-1969 - DANA 60 - 23 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1969-1976 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1969-1970 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1973-1976 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

DODGE ® DART

1963-1976 - CHRYSLER 7.25"	n/a	n/a	n/a
1966-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1968 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1969-1972 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1973-1976 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

DODGE ® DIPLOMAT

1977-1989 - CHRYSLER 7.25"	n/a	n/a	n/a
1977-1989 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

DODGE ® LANCER

1961-1962 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1961-1962 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a

DODGE ® MAGNUM

1978-1979 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1978-1979 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

DODGE ® MIRANDA

1980-1983 - CHRYSLER 7.25"	n/a	n/a	n/a
1980-1983 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

DODGE ® MONACO

1965-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1965-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1967-1978 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1969-1970 - DANA 60 - 23 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1969-1970 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1974-1978 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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DODGE® POLARA

1960-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1960-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1967-1973 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1969-1970 - DANA 60 - 23 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1969-1970 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1970-1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1969-1973 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a

DODGE® ROYAL MONACO

1977 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125
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DODGE® VIPER

1992-2009 - DANA 44HD IRS	n/a	n/a	n/a
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FORD® CROWN VICTORIA

1987-2006 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827
2005-2010 - FORD 8.8" - 31 SPLINE	1822-LR	92-0688-3108	92-0688-3128

FORD® FAIRLANE

1957-1970 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1964-1970 - FORD 8"	1810-LR	92-0680-2800	n/a

FORD® FAIRMONT

1978-1979 - FORD 8"	1810-LR	92-0680-2800	n/a
1979-1983 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825

FORD® FALCON

1965-1970 - FORD 8"	1810-LR	92-0680-2800	n/a
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FORD® GALAXIE

1959-1976 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
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FORD® GRANADA

1975-1979 - FORD 8"	1810-LR	92-0680-2800	n/a
1975-1980 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a

FORD® GRANADA

1980-1982 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
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FORD® LTD

1965-1979 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1979-1986 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825

FORD® LTD II

1977-1979 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
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FORD® MAVERICK

1970-1977 - FORD 8"	1810-LR	92-0680-2800	n/a
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FORD® MUSTANG

1964-1978 - FORD 8"	1810-LR	92-0680-2800	n/a
1965-1973 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1979-UP - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
1986-2004 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827
2005-UP - FORD 8.8" - 31 SPLINE	1822-LR	92-0688-3108	92-0688-3128

FORD® PINTO

1975-1980 - FORD 8"	1810-LR	92-0680-2800	n/a
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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FORD® RANCHERO

1957-1979 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
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FORD® THUNDERBIRD

1957-1979 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1980-1995 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
1987-1997 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827

FORD® TORINO

1968-1976 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1971-1974 - FORD 8"	1810-LR	92-0680-2800	n/a

LINCOLN® TOWNCAR

1982-2005 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827
2005-2010 - FORD 8.8" - 31 SPLINE	1822-LR	92-0688-3108	92-0688-3128

LINCOLN® VERSAILLES

1977-1980 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
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MERCURY BOBCAT

1975-1980 - FORD 8"	1810-LR	92-0680-2800	n/a
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MERCURY® CAPRI

1979-1986 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
1986 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827

MERCURY® COMET

1963-1977 - FORD 8"	1810-LR	92-0680-2800	n/a
1966-1969 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a

MERCURY® COUGAR

1967-1969 - FORD 8"	1810-LR	92-0680-2800	n/a
1967-1979 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1980-1997 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
1988-1997 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827

MERCURY® GRAND MARQUIS

1975-1978 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1979-1986 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
1980-1990 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827
1991 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827
1992-2006 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827
2005-2010 - FORD 8.8" - 31 SPLINE	1822-LR	92-0688-3108	92-0688-3128

MERCURY® MARAUDER

1963-1970 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
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MERCURY® MARAUDER

2003-2004 - FORD 8.8" - 31 SPLINE	1822-LR	92-0688-3108	92-0688-3128
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MERCURY® MARQUIS

1967-1978 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1979-1986 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
1982-1986 - FORD 8.8" - 28 SPLINE	1820-LR	92-0688-2807	92-0688-2827

MERCURY® MONARCH

1975-1980 - FORD 8"	1810-LR	92-0680-2800	n/a
1979-1980 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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MERCURY® MONTEGO

1968-1976 - FORD 9" - 28 SPLINE	1810-LR	92-0690-2800	n/a
1970-1974 - FORD 8"	1810-LR	92-0680-2800	n/a

MERCURY® ZEPHYR

1978-1983 - FORD 7.5"	1830-LR	92-0675-2805	92-0675-2825
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OLDSMOBILE® 442

1965-1968 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1967-1971 - GM 8.5" O AXLE	n/a	n/a	n/a
1971 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

OLDSMOBILE® 98

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1965-1970 - GM 8.5" O AXLE	n/a	n/a	n/a
1964-1970 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1971-1984 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1984 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

OLDSMOBILE CUTLASS

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1964-1970 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1971-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1988 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1985-1988 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

OLDSMOBILE® DELMONT

1967-1968 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1967-1968 - GM 8.5" O AXLE	n/a	n/a	n/a

OLDSMOBILE® DELTA 88

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1965-1970 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1965-1970 - GM 8.5" O AXLE	n/a	n/a	n/a
1971-1985 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1985 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

OLDSMOBILE® DYNAMIC

1964-1966 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1965-1966 - GM 8.5" O AXLE	n/a	n/a	n/a

OLDSMOBILE® F85

1964-1967 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1967-1970 - GM 8.5" O AXLE	n/a	n/a	n/a
1968-1970 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1971-1972 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

OLDSMOBILE® HURST

1968-1969 - GM 8.5" O AXLE	n/a	n/a	n/a
1968-1969 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a

OLDSMOBILE® JETSTAR 88

1965-1966 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1965-1965 - GM 8.5" O AXLE	n/a	n/a	n/a

OLDSMOBILE® OMEGA

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.

(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1973-1979 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1976-1979 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

OLDSMOBILE® SUPER 88

1964 - GM BOP 8.2"	n/a	92-0782-2801	n/a
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Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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PLYMOUTH® BARRACUDA

1964-1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1966-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1968 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1970-1971 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a

PLYMOUTH® BELVEDERE

1957-1970 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1966-1970 - CHRYSLER 7.25"	n/a	n/a	n/a
1966 - DANA 60 - 23 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1969-1970 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

PLYMOUTH® CARAVELLE

1982-1989 - CHRYSLER 7.25"	n/a	n/a	n/a
1982-1987 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

PLYMOUTH® CUDA

1970-1974 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1970-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1970-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1970-1971 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1973-1974 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

PLYMOUTH® DUSTER

1970-1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1970-1976 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1970-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1970-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1973-1976 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

PLYMOUTH® FURY

1957-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1967-1978 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1966-1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1970-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1969-1972 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1974-1975 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

PLYMOUTH® GRAN FURY

1972-1989 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1972 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1972 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1973-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1973-1981 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125
1982-1989 - CHRYSLER 7.25"	n/a	n/a	n/a

PLYMOUTH® GTX

1967-1971 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1967-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1967-1969 - DANA 60 - 23 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1969-1971 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1969-1971 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a

PLYMOUTH® ROADRUNNER

1968-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1968-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1968-1969 - DANA 60 - 23 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1969-1972 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a
1970-1975 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1973-1975 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

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LOCK RIGHT POWERTRAX POWERTRAX
Open Case Open Case For Posi Case

PLYMOUTH® SATELLITE

1965-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1965-1970 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1966-1968 - CHRYSLER 7.25"	n/a	n/a	n/a
1969-1974 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1969-1974 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1971 - CHRYSLER 7.25"	n/a	n/a	n/a
1973-1974 - CHRYSLER 9.25" 12 BOLT	1220-LR	92-0392-3105	92-0392-3125

PLYMOUTH® SAVOY

1957-1958 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1957-1958 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a

PLYMOUTH® VALIANT

1960-1976 - CHRYSLER 7.25"	n/a	n/a	n/a
1966-1972 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1968 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1969-1972 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1973-1976 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

PLYMOUTH® VIP

1966-1969 - CHRYSLER 8.75" 741	1240-LR	n/a	n/a
1966-1969 - CHRYSLER 8.75" 742	1240-LR	n/a	n/a
1967-1969 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725
1969 - CHRYSLER 8.75" 489	1240-LR	n/a	n/a
1969 - DANA 60 - 35 SPLINE AXLES - SEMI FLOAT	n/a	n/a	n/a

PLYMOUTH® VOLARE

1976-1980 - CHRYSLER 7.25"	n/a	n/a	n/a
1976-1980 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES	1230-LR	92-0382-2705	92-0382-2725

PONTIAC® BONNEVILLE

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1964-1970 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1971-1981 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1986 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

PONTIAC® CATALINA

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1964-1970 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1971-1981 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1981 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

PONTIAC® EXECUTIVE

1967-1970 - GM BOP 8.2"	n/a	92-0782-2801	n/a
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PONTIAC® FIREBIRD

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1967-1969 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1970-1981 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1970 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1982-1988 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1985-1991 - GM 10 BOLT 7.75 - 9 BOLT	n/a	n/a	n/a
1990-2002 - GM 10 BOLT 7.5"/7.625" - 28 SPLINE AXLES	1931-LR	92-0776-2805	n/a

PONTIAC® GRAND AM

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1973-1980 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1980 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

PONTIAC® GRAND LEMANS

(a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1975-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1983 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

Application Guide

LOCK RIGHT Open Case	POWERTRAX Open Case	POWERTRAX For Posi Case
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PONTIAC® GRAND PRIX (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1964-1969 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1970-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1970-1972 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1978-1987 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

PONTIAC® GRAND VILLE

1971-1975 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
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PONTIAC® GTO

1964-1972 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1970-1972 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1973 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

PONTIAC® LAURENTIAN (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1971-1972 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1981 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

PONTIAC® LEMANS (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1964-1972 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1970-1972 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a
1973-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1978-1981 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

PONTIAC® PARISIENNE (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1976 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1986 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1977-1986 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a

PONTIAC® PHOENIX (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1977-1979 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1977-1979 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

PONTIAC® STAR CHIEF

1964-1966 - GM BOP 8.2"	n/a	92-0782-2801	n/a
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PONTIAC® TEMPEST

1964-1970 - GM BOP 8.2"	n/a	92-0782-2801	n/a
1970 - GM 12 BOLT 8.875" CAR	1910-LR	92-0788-3005	n/a

PONTIAC® VENTURA (a) fits equal opening 7.5" case - for unequal opening 7.625" case use 1932-LR.
(b) fits equal opening 7.5" case - for unequal opening 7.625" case use 92-0776-2605

1971 - GM CHEVY 8.2" 10 BOLT	n/a	n/a	n/a
1972-1977 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a
1976-1977 - GM 10 BOLT 7.5" - 26 SPLINE AXLES	1930-LR (a)	92-0775-2605 (b)	n/a
1978 - GM 10 BOLT 8.5" - 28 SPLINE AXLES	1920-LR	92-0785-2805	n/a

Application Guide

IMPORTANT FRONT AXLE APPLICATION INFORMATION

The Powertrax[®] No-Slip Traction System and Lock-Right Locker works well on the front axle of 4-wheel drive vehicles provided a couple of important guidelines are followed. The Powertrax[®] No-Slip Traction System should be used only on vehicles equipped with locking hubs on the front axle or with front axle disconnect. In addition, the vehicle must not be equipped with full time 4 wheel drive. Vehicles equipped with a Powertrax[®] No-Slip Traction System on the front axle should not be operated on the highway with the front hubs locked and 4-wheel drive engaged. Following these guidelines will ensure very on-road driveability while still providing maximum off-road traction.

FREQUENTLY ASKED QUESTIONS

What is a traction-adding differential?

A traction-adding differential provides engine power to the wheels with the most amount of traction. A stock/open differential provides engine power to the wheels with the least amount of resistance or the wheels with the least amount of traction.

Why do I need a Powertrax[®] traction-adding differential?

Powertrax[®] traction adding differentials can enhance the performance of your vehicle in many ways. The No-Slip Traction System and Lock-Right Locker will provide your light truck, sport utility, van, or performance car with maximum traction when you need it most. Whether you need the added traction for safety, recreation, work, or piece of mind, the Powertrax line of traction-adding differentials is what you need.

What is the difference between the No-Slip Traction System and the Lock-Right Locker?

While both products offer maximum traction, full wheel differentiation, and easy installation, each product has features and benefits that meet the needs of different customers. The No-Slip Traction System uses SynTRAC technology and is the latest design in traction adding differentials. It provides the maximum traction of a locking differential combined with the smooth and quiet operation of a limited-slip device. The Lock-Right Locker is our original product line that offers extreme value in a traction-adding differential. The Lock-Right provides maximum traction, but a light clicking noise can be heard when turning as the Lock-Right gears allow for wheel differentiation. On some vehicles the engine noise will overcome the clicking noise.

Can I install a Powertrax No-Slip Traction System or Lock-Right Locker myself?

In most vehicles, the Powertrax No-Slip Traction System and Lock-Right Locker can be installed by the home mechanic in just a few hours. Detailed instructions that are model specific are provided.

What special tools and/or oils are required during installation?

The No-Slip Traction System and Lock-Right Locker do not require special tools or oils for installation. In most cases, a wrench and screwdriver are all you need. No special oil additives are required because the units are all gear (no frictional clutches).

What kind of maintenance is required once a No-Slip Traction System or Lock-Right Locker is installed in my vehicle?

We recommend you change the differential oil according to your vehicle manufacturer's specifications.

Is a model offered for my vehicle?

We offer applications for a wide range of domestic and import vehicles. Please see our No-Slip Traction System application chart or our Lock-Right Locker application chart.

Application Guide

Can I install a Powertrax® product in the front and rear of my 4 WD?

In most cases where an application is available, the answer is yes. However, we do not recommend installing a unit in the front differential if the vehicle has a full time 4 WD and is primarily used on the pavement.

Is the No-Slip Traction System just for trucks/SUV's, or can it be installed in a car?

Installing a No-Slip Traction System in your performance street rod will give you spool performance when coming off the line, combined with full wheel differentiation when turning. Imagine two wheels gripping the pavement instead of one spinning effortlessly.

Do I need a stock/open differential case to install a Powertrax® product?

The No-Slip Traction System can be installed in a wide range of stock/open and limited-slip differential cases. For specific applications, please see our application chart or contact us via. phone or e-mail. The Lock-Right Locker can only be installed in stock/open differential cases.

How does a No-Slip Traction System or Lock-Right Locker affect the towing of my trailer?

The No-Slip Traction System or Lock-Right Locker will have no affect on the towing of your trailer on the road other than you will have more traction when you need it.

Can I tow my vehicle if it has a No-Slip Traction System or Lock-Right Locker installed?

Yes. If the unit is installed in the rear differential, the No-Slip Traction System or Lock-Right Locker will simply provide full wheel differentiation when turning. If the unit is installed in the front differential, we recommend unlocking the front wheel hubs and putting the transfer case in 2WD.

Does tire wear increase with a No-Slip Traction System or Lock-Right Locker installed?

No. The No-Slip Traction System and Lock-Right Locker provide full wheel differentiation when turning. Tire wear is minimized.

Will there be a decrease in gas mileage with the No-Slip Traction System or Lock-Right Locker installed in my vehicle?

No. The No-Slip Traction System and Lock-Right Locker will not have an effect on your "on the road" gas mileage. Off road, you could actually increase your mileage because it will take less effort to get through the loose traction conditions. With a standard open differential you will have to apply more power and get more wheel spin-up, thus using more gas.

What is the price of the No-Slip Traction System and Lock-Right Locker?

Please contact a local distributor or call us for a distributor near you. All our distributors offer competitive pricing.

Do you have applications for front wheel drive cars at this time?

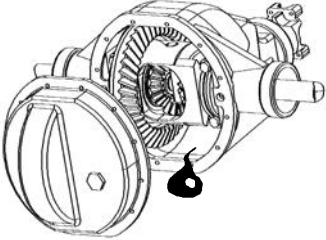
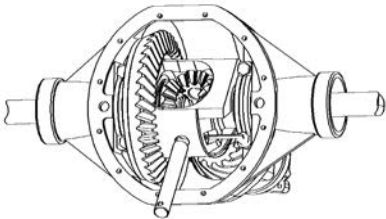
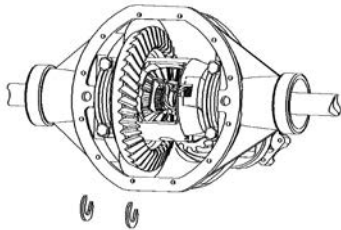
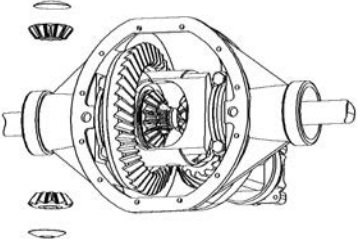
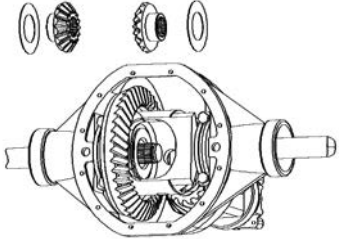
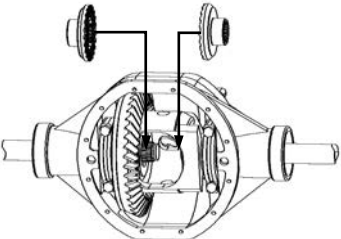
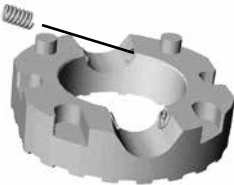
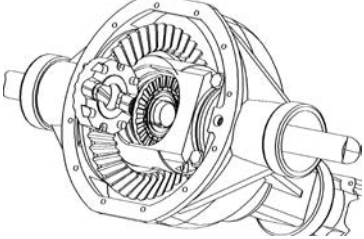
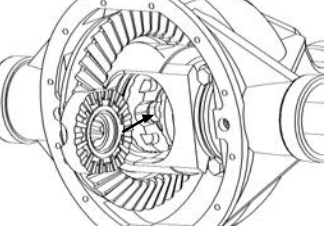
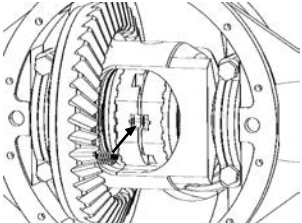
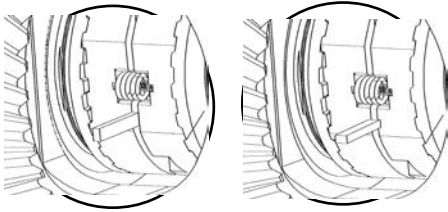
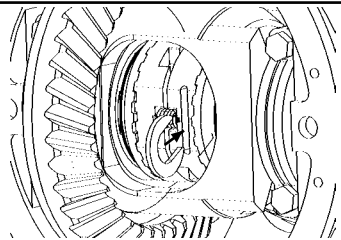
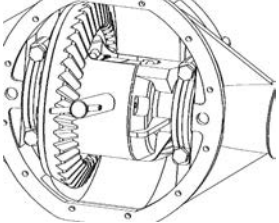
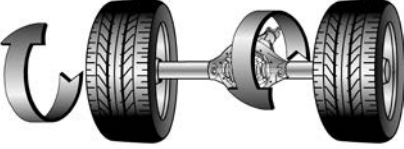

Powertrax® does not offer applications for front wheel drive passenger cars at this time.

For Maximum Protection and
Performance use
Part # LUBE (pg 125)



RICHMOND GEAR Synthetic
Gear Oil

Application Guide

 <p>1. Remove cover and drain oil.</p>	 <p>2. Remove cross-shaft.</p>	 <p>3. Push axles in and remove C-clips.</p>
 <p>4. Rotate wheel to remove spider gears.</p>	 <p>5. Remove side gears, and for limited-slip differentials, remove friction plates.</p>	 <p>6. Install couplers, ring gear side first. Install C-clip on ring gear side only.</p>
 <p>7. Insert springs between drivers, on both sides</p>	 <p>8. Insert spacer in driver and seal together on ring gear side coupler</p>	 <p>9. Insert driver and spacer on opposite side coupler.</p>
 <p>10. Insert springs between drivers, on both sides.</p>	 <p>11. Check gap between drivers using check block provided.</p>	 <p>12. Push in axle and insert second C-clip thru slot in driver/spacer.</p>
 <p>13. Install cross-shaft. Twist and push to get past saddle springs.</p>	 <p>14. Test by holding driver side wheel forward. Sharply turn the passenger side wheel in opposite direction (to disengage the unit). Passenger wheel should rotate freely.</p>	 <p>15. Apply sealant to cover and reinstall. Add differential oil.</p>



HI-PERFORMANCE GEAR OIL

100% SYNTHETIC FORMULA



• **MADE IN THE U.S.A.**

- 75W - 140 GL-6 Synthetic Gear Oil with Limited Slip Additive for demanding performance applications
- Performance blended for maximum protection and improved gear life
 - Racing differentials
 - Posi-traction units
 - Street performance
 - Off-road applications
- Strong film strength for reduced friction
- Thermally stable for cooler running
- Limited slip additives stay in suspension for improved operation
- Exceeds manufacturers requirements for use in performance and heavy duty
 - Performance cars
 - Racecars of all types
 - Light trucks
 - 4-WD, Off-Road, SUV
 - Commercial trucks

Installation Videos



Installation Kits



Lightened Gears



Spools & Mini-Spools





TRANSMISSION LUBE

Winners Run RICHMOND!

Always in stock at your local RICHMOND distributor



- GL-6 All Synthetic, High Performance Manual Transmission Fluid
- Ideal for racing and street performance cars with manual transmissions
 - Circle track cars
 - Road racing
 - Sprint cars
 - Off-road
 - Street performance cars
- 100% synthetic blend of Group IV and Group V base oils for thermal stability to virtually prevent oil break-down
 - More power through-put
 - Easier shifting
 - Reduced friction and heat
 - Improved load carrying
- Formulated to meet superior load-carrying and pressure wear protection of GL-6 gear oil
- Replaces conventional 75w, 80w and 85w transmission fluids

RICHMOND Hi-Performance Products Include...

2, 4, 5 & 6 Speed Transmissions



Quick Change Rear Ends



Powertrax® Extreme Traction Systems



Hi-Performance Ring & Pinions



Installation Videos



Warnings & Cautions



Please Read Carefully



The following ,  and  information is supplied to you for your protection and to provide you with many years of trouble free and safe operation of your Richmond Gear product.

Read **ALL** instructions prior to operating transmission and/or ring and pinion. Injury to personnel, transmission or ring and pinion failure may be caused by improper installation, maintenance or operation.



- **It is dangerous to get under a jacked-up vehicle.** The vehicle could slip off the jack and fall on you. You could be crushed. Never place any part of your body under a vehicle that is on a jack. Never start or run the engine while the vehicle is on a jack. **If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.**



- Hot oil can cause severe burns. Use extreme care when removing lubrication plugs and when working close to a unit that has been in operation.
- Check lube level between scheduled lube changes to insure that proper lube level is maintained. Inspect vent plug to insure it is clean and operating. Inspect the tightness of mounting bolts, misalignment of connecting shafts, lube leakage, excessive heating, or any unusual noise or vibration.
- Serious personal injury may occur as a result of improperly performed maintenance, adjustments or repairs.
- Do not attempt any of the maintenance, checks or repairs described on the following pages if you are not fully familiar with these or other procedures with respect to the transmission, or are uncertain as to how to proceed. Have the necessary work done by a properly equipped and qualified workshop.
- Always be extremely careful when working on the transmission. Always follow commonly accepted safety practices and general common sense. Never risk personal injury.



- Do not operate the transmission or ring and pinion without proper lube and correct amount.
- For safe operation and to maintain the unit warranty, when changing a factory installed fastener for any reason, it becomes the responsibility of the person making the change to properly account for fastener grade, thread engagement, load, tightening torque and the means of torque retention.
- Mounting bolts should be periodically checked to ensure that the unit is firmly anchored for proper operation.
- These instructions are not intended to cover all details or variations in equipment, nor provide for every possible contingency to be met in connection with selection, installation, operation, and maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the Buyer's purpose, the matter should be referred to Richmond Gear.

In the event of the resale of any of the goods, in whatever form, Resellers/Buyers will include the following language in a conspicuous place and in a conspicuous manner in a written agreement covering such sale:

The manufacturer makes no warranties or representations, express or implied, by operation of law or otherwise, as to the merchantability or fitness for a particular purpose of the goods sold hereunder. Buyer acknowledges that it alone has determined that the goods purchased hereunder will suitably meet the requirements of their intended use. In no event will the manufacturer be liable for consequential, incidental or other damages. Even if the repair or replacement remedy shall be deemed to have failed of its essential purpose under Section 2-719 of the Uniform Commercial Code, the manufacturer shall have no liability to Buyer for consequential damages.

Resellers/Buyers agree to also include this entire document including the danger, warnings and cautions above in a conspicuous place and in a conspicuous manner in writing to instruct users on the safe usage of the product.

This information should be read together with all other printed information supplied by Richmond Gear.

Terms & Conditions

TERMS AND CONDITIONS OF SALES QUOTATIONS ARE MADE AND ORDERS ARE ACCEPTED BY SELLER SUBJECT ONLY TO THESE TERMS AND CONDITIONS:

1. AGREEMENT AND MODIFICATION OF SALES TERMS. The agreement between Seller and Buyer ("Sales Contract") is with respect to the sale of goods described on the other side hereof (the "goods"). Any Terms and Conditions contained in any purchase order or other form of communication from Seller's customers which are additional to or different from these Terms and Conditions shall be deemed rejected by Seller unless expressly accepted in writing by Seller.

2. ACCEPTANCE OF ORDERS. Acceptance by Seller of Buyer's purchase order(s) is expressly conditioned upon Buyer's assent to these Terms and Conditions. Buyer will be deemed to have assented to such Terms and Conditions unless Seller receives written notice of any objections within 10 days after Buyer's receipt of this form or in all events prior to any delivery or other performance by Seller of Buyer's order if less than 10 days.

3. QUOTATIONS. Quotations by Seller shall be deemed to be offers by Seller to sell the goods described therein subject to the Terms and Conditions, and acceptance of such offers is expressly limited to acceptance by Buyer of all of these Terms and Conditions within 30 days from the date of the quotation or as specified. Purchase orders submitted by Buyer for the goods quoted by Seller shall be subject to and will be deemed to constitute acceptance of these Terms and Conditions. All purchase orders will be subject to approval by Seller.

4. TERMINATION OR MODIFICATION. The Sales Contract may be modified or terminated only upon Seller's express written consent, which consent will at all times be conditioned on Buyer's agreement to pay Seller's modification or termination charge including, but not limited to expenses and costs plus a reasonable profit, except that any goods completed on or before Seller's acceptance of termination shall be accepted and paid in full by Buyer.

5. PRICES AND TERMS. Fulfillment of Buyer's order is contingent upon the availability of materials. The price of the goods sold pursuant to the Sales Contract shall be based upon Seller's prices in effect at the time of shipment and any acceptance of the order will be on the basis of the freight rates now in effect. In the event of an increase or decrease in the applicable freight charges before the material is shipped, such changes in freight charges will be for the account of Buyer. Price advances, discounts, extras and terms and conditions are subject to changes without notice. Unless otherwise provided on the front side hereof, price is F.O.B. Seller's point of shipment, and terms of payment shall be net 30 days from date of invoice. Seller may assess a delinquency charge of 1-1/2 percent per month on invoices not paid within stated payment terms. Seller may require full or partial payment or payment guarantees in advance of shipment whenever, in its opinion, the financial condition of Buyer so warrants. In addition, Seller may, at any time, suspend performance of any order or require payment in cash, security or other adequate assurance satisfactory to Seller when, in Seller's opinion, the financial condition of Buyer warrants such action.

6. TAXES. Prices do not include sales, use or other similar federal, state or local taxes. Buyer shall pay to Seller, in addition to the price of the goods, all applicable taxes which may be invoiced separately at a later date.

7. DESIGN; EXTRA WORK; BUYER'S MATERIAL. (a) If any order accepted by Seller contemplates the preparation of special designs by Seller, Buyer issuing such order will have a responsible representative specifically approve all designs prepared by Seller. (b) If Buyer requests extra work not included in the quotation or original order, Buyer will pay for the extra work at reasonable rates as determined by Seller. (c) In the event spoilage/damage occurs on orders where Buyer furnishes the material, Seller shall not be liable for replacement of or damage to such material.

8. RISK OF LOSS, TITLE, SECURITY INTEREST. Delivery shall occur, and risk of loss shall pass to Buyer, upon delivery of the material to a carrier at the F.O.B. point of shipment. Transportation shall be at Buyer's sole risk and expense, and any claims for losses or damage in transit shall be against the carrier only. However, Seller retains title to all products until paid for in full in cash and Buyer agrees to perform all acts necessary to provide a fully perfected security interest in the goods in favor of Seller. Seller may, at Seller's option, repossess the same, upon Buyer's default in payment hereunder, and charge Buyer with any deficiency.

9. DELIVERIES AND QUANTITIES. (a) Delivery dates are not guaranteed but are estimated on the basis of immediate receipt by Seller of all information to be furnished by Buyer and the absence of delay, direct or indirect, resulting from or contributed to by circumstances beyond Seller's reasonable control. If the goods are non-catalog goods, Seller may ship overages or underages to the extent of 10 percent of quantity ordered, and Buyer shall pay for such quantity based upon the unit price of the goods. Seller shall not be required to maintain closer control of quantity, unless specifically agreed to by Seller in writing. Quantities of all items may be determined by weight. Any claims for shortage must be within 10 days from the date of receipt of the goods by Buyer, and in every case the weights found in any particular shipment, including tare, must be given and Seller advised as to the method used by Buyer in computing the count of parts. (b) In the event that Buyer is unable to accept delivery of the goods at time of shipment, Seller shall invoice Buyer for the full purchase price as if shipment had been made and (i) if Seller is able to store such goods in its own facilities, Buyer will pay Seller the reasonable handling and storage charges for the period of such storage, and (ii) if Seller is unable to store such goods at its own facility, Seller reserves the right to arrange handling and storage in a suitable bonded warehouse for the Buyer at Buyer's expense. In cases where handling and storage become necessary, it shall be Buyer's responsibility to notify Seller when shipment is to be made. Seller will make necessary arrangements for shipment at Buyer's expense.

10. RETURNED GOODS. Goods may not be returned. However, if Seller consents in writing or upon verbal authorization to the return of goods for any reason, transportation charges must be prepaid by Buyer, who also shall assume all risk of loss of such returned goods until actual receipt by Seller.

11. INSPECTION, ACCEPTANCE. Buyer shall inspect the goods immediately upon the receipt thereof. All claims by Buyer (including claims for shortages), except only those provided for under the WARRANTY AND LIMITATIONS OF LIABILITY AND PATENTS clauses below, must be asserted in writing by Buyer within a 10 day period or they are waived. If this contract involves partial performances, all such claims must be asserted within a 10 day period for each partial performance. Rejection may be only for defects substantially impairing the value of products or work. Buyer's remedy for lesser defects shall be those provided for under the Warranty and liability clauses. THERE SHALL BE NO REVOCATION OF ACCEPTANCE. If Buyer wrongfully rejects, revokes or delays acceptance of items or work tendered under this contract, or fails to make a payment due on or before delivery, or repudiates this contract, Seller shall, at its option, have a right to recover as damages, either the price as stated herein (upon recovery of the price, the items involved shall become the property of the Buyer) or the profit (including reasonable overhead) which the Seller would make from performance together with incidental damages and reasonable cost.

12. WARRANTIES AND LIMITATIONS OF LIABILITY. (a) Seller warrants to Buyer that the goods will conform to the following warranty (i) for goods in Seller's Richmond Gear Hi Performance product line, the goods will be commercially free from defects in material and workmanship at the time of shipment of the goods by Seller; (ii) for goods in Seller's Ohio Gear, Electra Gear and Foote-Jones' product line, the goods will be commercially free from defect and workmanship upon normal use and service during the first 12 months of operation; a 6 month maximum shelf life is allowed; and (iii) for all other goods sold by Seller, the goods will be commercially free from defects in material and workmanship upon normal use for a period of 1 year from the date of shipment of the goods by Seller and will conform at the date of shipment to applicable specifications, drawings and blueprints, except for departures therefrom with written approval of Buyer; provided that work performed by Seller upon blanks and other materials furnished by Buyer is excluded from this warranty. Seller shall have no liability to Buyer for cost of blanks furnished by Buyer which are damaged or spoiled during heat treat or machining operations; (b) In the case of drives, gears and reducers manufactured by Seller, Seller warrants only that such products, when shipped, shall be capable of delivering the service rating as indicated in Seller's written documents, including quotations and catalogs or as noted on such products, providing such equipment is properly installed and maintained, correctly lubricated, operating under normal conditions with competent supervision, and within the load limits for which it was sold, and provided further that the equipment is free from critical speed, torsional or other type vibration, no matter how induced; (c) If any model or sample was provided to the Buyer, it was used merely to illustrate the general type and quality of goods and not to warrant that goods shipped would be of that type or quality; (d) UNLESS AUTHORIZED IN WRITING BY A CORPORATE OFFICER OR VICE PRESIDENT, NO AGENT, EMPLOYEE OR REPRESENTATIVE OF SELLER HAS ANY AUTHORITY TO BIND SELLER TO ANY AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE GOODS SOLD UNDER THE SALES CONTRACT AND ANY SUCH AFFIRMATION, REPRESENTATION OR WARRANTY HAS NOT FORMED A PART OF THE BASIS OF THE BARGAIN AND SHALL BE UNENFORCEABLE; (e) Seller's sole obligation under the foregoing warranties is limited to either, at Seller's option, replacing or repairing defective goods (or defective parts thereof). This warranty does not cover the cost of installation of the new or repaired goods or parts. Replacement goods or parts are warranted for the remainder of the warranty period applicable to the goods originally supplied by Seller. All claims

for allegedly defective goods must be made within 10 days after Buyer learns of such alleged defects. All claims not made in writing and received by Seller within such 10 day period shall be deemed waived. Buyer shall return a sample of the alleged defective part for Seller's inspection, and no other goods shall be returned to Seller without Seller's written consent. This warranty shall not extend to goods subjected to misuse, abuse, neglect, accident or improper installation or maintenance, incorrect lubrication, or goods which have been altered or repaired by anyone other than Seller or its authorized representative; (f) THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY OTHER TYPE, WHETHER EXPRESS OR IMPLIED; (g) Products not manufactured and work not performed by Seller are warranted only to the extent and in the manner that the same are warranted to Seller by Seller's vendors, and then only to the extent that Seller is reasonably able to enforce such warranty. In enforcing such warranty, it is understood Seller shall have no obligation to initiate litigation unless Buyer undertakes to pay all costs and expenses therefor, including but not limited to Attorney's fees, and indemnifies Seller against any liability to Seller's vendors arising out of such litigation; (h) THE FOREGOING IS SELLER'S ONLY OBLIGATION AND BUYER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. BUYER'S FAILURE TO SUBMIT A CLAIM AS PROVIDED ABOVE SPECIFICALLY WAIVE ALL CLAIMS FOR DAMAGES OR OTHER RELIEF INCLUDING BUT NOT LIMITED TO CLAIMS BASED ON LATENT DEFECTS. IN NO EVENT SHALL BUYER BE ENTITLED TO INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, NOR SHALL SELLER'S LIABILITY EXCEED THE PURCHASE PRICE OF THE GOODS. EVEN IF THE REPAIR OR REPLACEMENT REMEDY SHALL BE DEEMED TO HAVE FAILED OF ITS ESSENTIAL PURPOSE UNDER SECTION 2-719 OF THE UNIFORM COMMERCIAL CODE, THE MANUFACTURER SHALL HAVE NO LIABILITY TO BUYER FOR CONSEQUENTIAL DAMAGES. ANY ACTION ARISING HEREUNDER OR RELATED HERETO MUST BE COMMENCED WITHIN ONE (1) YEAR AFTER THE CAUSE OF ACTION OCCURS OR IT SHALL BE BARRED, NOTWITHSTANDING ANY STATUTORY PERIOD OF LIMITATIONS TO THE CONTRARY; and (i) In the event of the resale of any of the goods, in whatever form, Buyer will include the following language in a conspicuous place and in a conspicuous manner in a written agreement covering such resale "THE MANUFACTURER MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE GOODS SOLD HEREUNDER. BUYER ACKNOWLEDGES THAT IT ALONE HAS DETERMINED THAT THE GOODS PURCHASED HEREUNDER WILL SUITABLY MEET THE REQUIREMENTS OF THEIR INTENDED USE. IN NO EVENT WILL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL OR OTHER DAMAGES."

13. REMEDIES AND LIMITATIONS OF LIABILITY. In the event Buyer claims Seller has breached any of its obligations under the Sales Contract, whether of warranty or otherwise, Seller may request the return of goods and tender to Buyer, at Seller's option, a replacement shipment of goods. If Seller so requests the return of the goods, the goods will be redelivered to Seller in accordance with Seller's instructions and at Buyer's expense. Except as herein provided, Seller shall have no further obligation under the Sales Contract. The remedies contained in this paragraph and paragraph 12 hereof shall constitute the sole recourse of Buyer against Seller for breach of any of Seller's obligations under the Sales Contract, whether warranty or otherwise.

14. TECHNICAL ADVICE. Any technical advice furnished or recommendation made by Seller or any representative of Seller concerning any use or application of any of the goods is believed to be reliable, but SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, ON RESULTS TO BE OBTAINED. BUYER ASSUMES ALL RESPONSIBILITY FOR LOSS OR DAMAGE RESULTING FROM THE HANDLING OR USE OF ANY OF THE GOODS.

15. FORCE MAJEURE. Seller shall not be liable for failure to perform its obligations under the Sales Contract in whole or in part caused by the occurrence of any contingencies beyond the reasonable control either of Seller or of suppliers of Seller. If any such contingency occurs, Seller may allocate goods and deliveries among Seller's customers.

16. ASSIGNMENT AND DELEGATION. No right or interest in the Sales Contract shall be assigned by Buyer without Seller's prior written consent, and no delegation of any obligation owed, or to the performance of any obligation by Buyer shall be made without Seller's prior written consent. Any attempt at assignment or delegation shall be wholly void and totally ineffective for all purposes unless made in conformity with this paragraph.

17. PATTERNS AND TOOLING. Unless otherwise agreed to in writing with Buyer, Seller shall retain title to and possession of all special tooling, patterns and dies whether paid for by Buyer or not, but such special tooling, patterns and dies that are specifically paid for by Buyer will be held by Seller exclusively for the manufacture of Buyer's goods for not more than 2 years after the date of Buyer's last order requiring their use. Seller will exercise reasonable care in handling and storing any tooling, patterns or dies specifically paid for by Buyer, but Seller shall not be liable for damage or loss thereof.

18. PATENTS. SELLER MAKES NO REPRESENTATION OR WARRANTY WITH RESPECT TO THE PATENTABILITY OF THE GOODS OR THAT ANY OF THE GOODS WILL BE FREE FROM CLAIMS OF INFRINGEMENT. Buyer agrees to indemnify and defend Seller in any such suit, action or proceeding for any claim resulting from actual or alleged infringement of any domestic or foreign letters patent for (i) any feature, construction or design incorporated at Buyer's request in any goods or to adapt such goods to the particular use of Buyer or Buyer's customers or (ii) any additions, changes or adaptations made by Buyer or Buyer's customers after delivery of the goods.

19. CONFIDENTIAL INFORMATION. All drawings, diagrams, specifications, technical data and other materials furnished by Seller and identified by Seller as confidential are and shall remain the exclusive property of Seller and shall be returned to Seller upon request. Buyer agrees to treat such information and material as confidential and not to reproduce or disclose such information or materials without Seller's prior written consent. This paragraph does not apply to any information already known to and readily accessible in the trade or which may become so through no fault of Buyer.

20. CHANGES. Seller may, at any time, without notice, make changes (whether in design, material, improvements or otherwise) in any catalog goods, and may discontinue the manufacture of any catalog goods, all in its sole discretion, without incurring any obligations of any kind as a result thereof, whether for failure to fill an order of Buyer or otherwise.

21. INSTALLATION. Installation of the goods shall be by Buyer unless otherwise specifically stated in the Sales Contract.

22. SEVERABILITY. If any term or provision contained in the Sales Contract is declared or held invalid by a court of competent jurisdiction, such declaration or holding shall not affect the validity of any other term, clause or provision contained herein.

23. GOVERNING LAW AND LIMITATION. (a) The formation and performance of the Sales Contract shall be deemed to have been made and governed by the Uniform Commercial Code as adopted in the state of Seller's principal place of business; (b) Buyer hereby agrees to the jurisdiction of any state or federal court located in the county of Seller's principal place of business. Buyer waives any objection based on forum non conveniens and any objection to venue of any action instituted hereunder, and consents to the granting of such legal or equitable relief as is deemed appropriate by a court of competent jurisdiction. The rights and obligations of Seller and Buyer shall not be governed by the provisions of the United Nations Convention on Contracts for the International Sale of Goods; and (c) Seller represents that the goods will be produced in compliance with the Fair Labor Standards Act of 1938, as amended. (d) BUYER AGREES TO PAY ALL OF SELLER'S COSTS AND EXPENSES OF COLLECTION AND LITIGATION, INCLUDING BUT NOT LIMITED TO ATTORNEYS' FEES AND COSTS.

Revised 1/05





RICHMOND

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WINNERS RUN RICHMOND

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Ring & Pinion Application Guide



Richmond Gear

Richmond Gear is the leading manufacturer of professional quality, high-performance drivetrain products. Our performance products are the result of a continuous research and development program combined with state-of-the-art manufacturing capabilities at our plants worldwide. For over 80 years, the Double Diamond has signified the highest quality products in the racing industry!

Our complete line of Richmond Gear performance products ranges from high performance ring-and-pinion sets for serious street and racing applications to torque-hungry manual transmission, and components for on and off-road use. We also offer full ring and pinion installation kits and instructional videos. Engineered to perform faster and be more reliable, Richmond Gear products have been winners both at the Daytona 500 and U.S. Nationals for decades. Winners Run Richmond!



Excel from Richmond

By providing high-quality OEM replacement gears for your vehicle, Richmond's Excel line provides Richmond quality at affordable prices. Excel offers a broad line of ring and pinion gears, installation kits, and axle shaft kits to match most vehicles that are on the road today.

AMC Model 20 **EXCEL**™ 

PART NO.	RATIO	NOTE
AM20354	3.54	
AM20373	3.73	
AM20410	4.1	
AM20456	4.56	
INSTALLATION KITS	Featuring Koyo® bearings.	
XL-1054-1		

Chrysler/Dodge H198 

PART NO.	RATIO	NOTE
49-0164-1	3.55	AWD Rear
49-0165-1	3.73	AWD Rear
INSTALLATION KITS	Featuring Timken® bearings.	
83-1097-1		

Chrysler/Dodge H210 

PART NO.	RATIO	NOTE
49-0161-1	3.23	Most 5.7L
49-0162-1	3.55	Most 5.7L
INSTALLATION KITS	Featuring Timken® bearings.	
83-1098-1		

Chrysler/Dodge H215 

PART NO.	RATIO	NOTE
49-0153-1	3.23	6.1L*
49-0154-1	3.55	6.1L*
INSTALLATION KITS	Featuring Timken® bearings.	
83-2000-1		

Chrysler/Dodge H226 

PART NO.	RATIO	NOTE
49-0197-1	3.55	6.1L & 6.4L*
INSTALLATION KITS	Featuring Timken® bearings.	
83-1086-1		
83-1086-C	Half Kit	

Chrysler 8.25 **EXCEL**™ 

PART NO.	RATIO	NOTE
CR825355	3.55	
CR825390	3.9	
CR825410	4.10	
CR825456	4.56	
INSTALLATION KITS	Featuring Koyo® bearings.	
XL-1070-1	Including Jeep up to 2014	

Chrysler 8.25 & 8.375 

PART NO.	RATIO	TEETH
49-0074-1	3.55	39-11
49-0076-1	3.91	43-11
69-0314-1*	4.10*	41-10
69-0316-1*	4.56*	41-9

Fits 2.73 ratio and numerically higher carrier.

* Cross shaft pin 80-0278-1 recommended.

INSTALLATION KITS	Featuring Timken® bearings.
83-1070-1	Chrysler 8.25" ALL including Jeep up to 2014.

Chrysler 8.75, 742 

PART NO.	RATIO	TEETH
69-0375-1	3.91	43-11
69-0045-1	4.10	41-10
69-0046-1	4.30	43-10
69-0047-1	4.57	32-7
69-0048-1	4.86	34-7
69-0145-1	5.13	41-8

NOTE: All ring & pinions are 10 spline.

INSTALLATION KITS	Featuring Timken® bearings.
83-1037-1	
83-1037-B	Half Kit

Chrysler 8.75, 489 

PART NO.	RATIO	TEETH
69-0371-1	3.55	39-11
69-0058-1	3.91	43-11
69-0372-1*	3.91	43-11
69-0059-1	4.10	41-10
69-0060-1	4.30	43-10
69-0061-1	4.57	32-7
69-0370-1*	4.57	32-7
69-0062-1	4.86	34-7
69-0374-1*	4.86	34-7
69-0063-1	5.13	41-8

NOTE: All ring & pinions are 10 spline except where noted.

*29 spline pinion - use with any 8.75" model 29 spline yoke.

INSTALLATION KITS	Featuring Timken® bearings.
83-1031-1	
83-1031-B	Half Kit

Chrysler 9.25  

PART NO.	RATIO	TEETH
CR925355	3.55	
CR925390	3.90	
CR925410	4.10	
CR925456	4.56	

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1041-1	up to 2000
XL-1042-1	2001 to Current

Chrysler 9.25

PART NO.	RATIO	TEETH
49-0078-1	3.55	39-11
49-0080-1	3.91	43-11
69-0220-1	4.10	41-10
69-0222-1	4.56	41-9
INSTALLATION KITS Featuring Timken® bearings.		
83-1041-1	Up to 2000	
83-1041-M	Up to 2000	
83-1041-B	Half Kit, up to 2000	
83-1042-1	2001 to Current Rear	
83-1042-M	2001 to Current Rear	
83-1042-B	2001 to Current Rear	
83-1047-1	2003 to Current, Front Axle	
83-1047-B	2003 to Current, Front Axle	

Corvette Dana 36

PART NO.	RATIO	TEETH
49-0143-1*	3.54	46-13
49-0110-1*	3.75	45-12
*Fits 2.73 ratio and numerically lower carrier.		
INSTALLATION KITS Featuring Timken® bearings.		
83-1057-1		
83-1057-C	Half Kit	

Corvette 1963-1979

PART NO.	RATIO	TEETH
49-0097-1	3.08	40-13
49-0139-1	3.36	37-11
49-0023-1	3.70	37-10
49-0031-1	3.90	39-10
When replacing a 2.41 to 3.70 with a Richmond Ring and Pinion, the carrier must be replaced with a carrier from a stock 4.10 or numerically higher.		
INSTALLATION KITS Featuring Timken® bearings.		
83-1024-1		
83-1024-B	Half Kit	



Dana 44HD

PART NO.	RATIO	TEETH
49-0108-1	3.75	45-12

Fits 3.07 ratio and numerically higher carrier.

INSTALLATION KITS	Featuring Timken® bearings.
83-1074-1	
83-1074-B	Half Kit

Dana 30

PART NO.	RATIO	TEETH	CARRIER
D30354	3.54	46-13	2
D30373	3.73	41-11	3
D30373TJ*	3.73	41-11	3
D30410	4.10	41-10	3
D30411TJ*	4.11	41-10	3
D30411FJK	4.11	41-10	3
D30456	4.56	41-9	3
D30456TJ*	4.56	41-9	3
D30456FJK**	4.56	41-9	3
D30488	4.88	39-8	3
D30488TJ*	4.88	39-8	3
D30488FJK**	4.88	39-8	3
D30513FJK**	5.13	41-8	3

NOTES: "2" fits cases 3.54 and numerically lower carrier; "3" fits 3.73 and numerically higher carrier.

* TJ Style Dana 30 Only

** JK Style Dana 30 Only

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1056-1	Dana 30 Front, TJ, 1997-2006
XL-1055-1	Dana 30 Front, JK, 2007-2014
XL-1090-1	Dana 30 front, Cherokee ZJ, 1992-1996
XL-1058-1	Dana 30 Front, 1966-1990
XL-1096-1	Dana 30 Rear, 1966-1990



Dana 35 **EXCEL**TM

PART NO.	RATIO	TEETH
D35355	3.55	39-11
D35373	3.73	41-11
D35410	4.10	41-10
D35456	4.56	41-9
D35488	4.88	39-8

NOTES: fits cases 3.54 and numerically higher.

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1060-1	Dana 35, 1980-2006 Jeep (Rear), Dodge Dakota (Front)
XL-1061-1	Dana 35, 1999 to Current, WJ Grand Cherokee (Rear)
XL-1062-1	Dana 35, Ford (All)

Dana 44 **EXCEL**TM

PART NO.	RATIO	TEETH	CARRIER
D44354	3.54	39-11	2
D44373	3.73	41-11	2
D44409	4.10	41-10	3
D44411JK**	4.10	41-10	2
D44456	4.56	41-9	3
D44456RUB*	4.56	41-9	2
D44456JK**	4.56	41-9	2
D44456FJK***	4.56	41-9	3
D44489	4.88	39-8	3
D44488RUB*	4.88	39-8	2
D44488JK**	4.88	39-8	2
D44488FJK***	4.88	39-8	2
D44513	5.13	41-8	3
D44513RUB*	5.13	41-8	2
D44513JK**	5.13	41-8	2
D44513FJK***	5.13	41-8	2
D44538	5.38	43-8	3
D44538JK**	5.38	43-8	2
D44538FJK***	5.38	43-8	2

NOTE: 2 fits 3.07-3.73 carrier; 3 fits 3.92 and numerically higher carrier.

* Dana 44 TJ Rubicon, 2003-2006, (Front & Rear)

** Dana 44 JK, 2007-2014, (Rear)

*** Dana 44 JK Rubicon, 2007-2014, (Front)

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1074-1	Dana Super 44, 1996to Current, WJ and ZJ
XL-1033-1	Dana 44, 1968-2002, Front & Rear, Except Disconnect and Super 44
XL-1073-1	Dana 44 IFS, 1993-1996, Dodge, Ford Disconnect
XL-1089-1	Dana 44, 2003-2006, Rubicon, Front & Rear
XL-1075-1	Dana 44, 2007-2014, JK Rubicon, Front
XL-1076-1	Dana 44, 2007-2014, JK Rubicon, Rear
XL-1092-1	Dana 44, 2007-2014, JK NON-Rubicon, Rear

Dana 44 Reverse

PART NO.	RATIO	TEETH	CARRIER
D44354R	3.54R	39-11	2
D44373R	3.73R	41-11	2
D44409R	4.10R	41-10	3
D44456R	4.56R	41-9	3
D44489R	4.88R	39-8	3
D44513R	5.13R	41-8	3
D44538R	5.38R	43-8	3

Pinion stem enters the case above the centerline of the axles.

NOTES: 2 fits 3.07-3.73 carrier; 3 fits 3.92 and numerically higher carrier.

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1033-1	Dana 44, 1968-2002 Front, except Disconnect
XL-1073-1	Dana 44, 1993-1996 Dodge, Ford - Disconnect

Dana 60 Richmond Pro Gears

PART NO.	RATIO	TEETH
79-0011-1*	4.10	41-10
79-0077-1	4.56	41-9
79-0068-1	4.88	39-8
79-0013-1	5.38	43-8
79-0041-1	6.17	37-6

* Fits 4 series carrier only

*Pro Gears are specifically designed for drag race only.

Dana 60

PART NO.	RATIO	TEETH	CARRIER
49-0129-1	3.54	39-11	2
49-0130-1	3.73	41-11	2
69-0052-1	4.10	41-10	3
69-0053-1	4.56	41-9	3
69-0054-1	4.88	39-8	3
69-0057-1	5.13	41-8	3

2- Fits 3.07 - 4.10 carrier.

3- Fits 4.56 and numerically higher carrier.

Note: Machined for shims; not crush sleeve type.

INSTALLATION KITS	Featuring Timken® bearings.
83-1034-1	Dana 60, 1997 & Earlier
83-1035-1	Dana 60, 1998 to Current
83-1036-1	Dana 60, 2000 to Current, F350/450/550, Front

Dana 60

PART NO.	RATIO
D60354	3.54
D60373	3.73
D60410	4.10
D60456	4.56
D60488	4.88

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1034-1	1997 & Earlier
XL-1035-1	1998 to Current
XL-1036-1	Dana 60, 2000 to Current, F350/450/550, Front

Dana 60 Reverse

PART NO.	RATIO	TEETH	CARRIER
D60410R	4.10R	41-10	3
D60456R	4.56R	41-9	4
D60456RT	456RT	41-9	3
D60488R	4.88R	39-8	4
D60488RT	4.88RT	39-8	3
D60513RT	5.13RT	41-8	3

NOTE: Pinion stem enters the case above the centerline of the axles.

NOTE: 3 = 4.10 & Down, 4 = 4.56 to Current

INSTALLATION KITS	Featuring Koyo® bearings.
83-1034-1	Dana 60, 1997 & Earlier
83-1035-1	Dana 60, 1998 to Current - Except 2000 to Current F350/450/550, Front
83-1036-1	Dana 60, 2000 to Current, F350/450/550, Front

Dana 70

PART NO.	RATIO	TEETH
D70354	3.54	39-11
D70373	3.73	41-11
D70410	4.10	41-10
D70456	4.56	41-9
D70488	4.88	39-8
D70513	5.13	41-8

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1078-1	Dana 70 with 382S/387A Carrier Bearings
XL-1080-1	Dana 70 "HD" with 453X/469 Carrier Bearings
XL-1093-1	Dana 70 "U" with HM803110/HM803149 Inner Pinion Bearing

Dana 80

PART NO.	RATIO	TEETH	CARRIER
D80410	4.10	41-10	4
D80488	4.88	39-8	4
D80513	5.13	41-8	4

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1068-1	Dana 80, 1997 & Down
XL-1069-1	Dana 80, 1998 to Current

Ford 7.5

PART NO.	RATIO	TEETH
49-0043-1	3.73	41-11
69-0318-1*	4.10	41-10
69-0320-1*	4.56	41-9

* Special Cross Shaft Pin 80-0271-1 required.

This pin will not fit Auburn carrier.

INSTALLATION KITS	Featuring Timken® bearings.
83-1045-1	
83-1045-B	Half Kit

Ford 7.5 **EXCEL** 

PART NO.	RATIO
F75373	3.73
F75410	4.10
F75456	4.56
INSTALLATION KITS	Featuring Koyo® bearings.
XL-1045-1	

Ford 8 

PART NO.	RATIO	TEETH
49-0100-1	3	39-13
49-0101-1	3.55	39-11
49-0111-1	3.8	38-10
69-0064-1	4.11	37-9
69-0065-1	4.62	37-8
INSTALLATION KITS	Featuring Timken® bearings.	
83-1014-1	With Large Hub Carrier Bearings LM102910/LM102949	
83-1015-1	With Small hub Carrier Bearings LM501310/LM501349	
83-1015-B	Half Kit, ALL	

EXCEL Ford 8 **EXCEL** 

PART NO.	RATIO
F8355	3.55
F8380	3.80
INSTALLATION KITS	Featuring Koyo® bearings.
Part No.	Notes
XL-1014-1	Large Hub Bearings - LM102910/949
XL-1015-1	Small Hub Bearings - LM501310/349

Ford 8.8  **Richmond Pro Gears**

PART NO.	RATIO	TEETH
79-0127-L	3.75	45-12
79-0128-L	4.11	37-9
79-0131-L	4.29	30-7
INSTALLATION KITS	Featuring Timken® bearings.	
83-1043-1	Up to 2009	
83-1043-M	Up to 2009	
83-1043-B	Half Kit – Up to 2009	
83-1082-1	2010 to Current	
83-1082-M	2010 to Current	
83-1082-B	2010 to Current	
83-1094-1	1997 to Current, IFS	

Ford 8.8 

PART NO.	RATIO	TEETH
49-0103-1	3.55	39-11
49-0104-1	3.73	41-11
69-0310-1	4.1	41-10
69-0376-1	4.33	39-9
69-0312-1*	4.56	41-9
69-0382-1*	4.88	39-8

* Special Cross Pin required:

Use 80-0273-1 All (except below)

Use 80-0279-1 87+ trucks & 31 spline axle cars

Ford 8.8 **EXCEL** from **RICHMOND**

PART NO.	RATIO
F88355	3.55
F88373	3.73
F88389	3.89
F88410	4.10
F88456	4.56
INSTALLATION KITS	Featuring Koyo® bearings.
XL-1094-1	IFS 97 to Current
XL-1043-1	Up to 2009
XL-1082-1	2010 to Current

Ford 9  **Richmond Pro Gear**

PART NO.	RATIO	TEETH
79-0001-1**	3.40	34-10
79-0002-1**	3.50	35-10
79-0003-1**	3.60	36-10
79-0004-1**	3.70	37-10
79-0043-1**	3.89	35-9
79-0045-1**	4.11	37-9
79-0079-1**	4.29	30-7
79-0080-1**	4.57	32-7
79-0070-1**	4.71	33-7
79-0060-1**	4.86	34-7
79-0066-1^	4.86	34-7
79-0078-1^	5.00	30-6
79-0017-1^	5.14	36-7
79-0069-1^	5.29	37-7
79-0005-1^	5.43	38-7
79-0007-1^	5.67	34-6
79-0019-1^	5.83	35-6
79-0021-1^	6.00	30-5
79-0023-1^	6.20	31-5
79-0054-1^	6.50	39-6

**Special pinion support - 35 SPL

^28 Spline



Ford 9

PART NO.	RATIO	TEETH
49-0038-1	3.00	39-13
69-0284-1	3.25	39-12
49-0027-1	3.50	35-10
69-0195-1	3.55	39-11
69-0361-1	3.70	37-10
69-0442-L*	3.80	38-10
69-0286-1	3.82	42-11
69-0177-1	3.89	35-9
69-0179-1	4.11	37-9
69-0367-1	4.22	38-9
69-0161-1	4.33	39-9
69-0368-1	4.44	40-9
69-0369-1	4.50	36-8
69-0185-1	4.56	41-9
69-0379-1	4.63	37-8
69-0067-1	4.86	34-7
69-0360-1	5.00	30-6
69-0068-1	5.14	36-7
69-0270-1	5.29	37-7
69-0069-1	5.43	38-7
69-0070-1	5.67	34-6
69-0288-1	5.83	35-6
69-0199-1	6.00	30-5
69-0290-1	6.20	31-5
69-0276-1	6.33	38-6
69-0197-1	6.50	39-6
69-0441-L*	6.60	33-5
69-0417-L*	6.80	34-5
69-0418-L*	7.00	35-5
69-0419-L*	7.20	36-5
69-0420-L*	7.40	37-5

** L = Light Weight

INSTALLATION KITS	Featuring Timken® bearings.
Part No.	Carrier Bearing
83-1011-1	With 102949/910 Carrier Bearings & M88048/010 Pinion Bearings with Crush Sleeve
83-1013-1	With LM603011/LM603049 Carrier Bearings & HM88010/HM88048 Pinion Bearings with Crush Sleeve
83-1003-1	With LM603011/LM603049 Carrier Bearings & HM89443 Pinion Bearing (Daytona) with Solid Spacer
83-1005-1	With LM104911/LM104949 Carrier Bearings & HM89443 Pinion Bearing (Daytona) with Solid Spacer
83-1007-1	With LM102910/LM102949 Carrier Bearings & 89443 Pinion Bearings with Solid Spacer
83-1009-1	With LM501314/LM501349 Carrier Bearings & M88048/010 Pinion Bearings with Crush Sleeve
83-1011-B	Half Kit

Ford 9

PART NO.	RATIO
F9350	3.50
F9355	3.55
F9370	3.70
F9389	3.89
F9411	4.11
F9433	4.33
F9456	4.56
F9471	4.71
F9486	4.86
F9500	5.00
F9514	5.14
F9529	5.29
F9543	5.43
F9567	5.67
F9583	5.83
F9600	6.00
F9620	6.20
F9633	6.33
F9650	6.50

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1003-1	3.062 W/ LM603049/LM603011 Diff Brgs. & Daytona Support (HM89443 Pin Brg)
XL-1005-1	3.250 W/ LM104911 / LM104949 diff brgs. And Daytona Support (HM89443 Pin Brg)
XL-1007-1	31 Spline (LM102949 / LM102910) Carr Brg & Std Pin Support (M88048/10)
XL-1009-1	28 Spline Trac Lock
XL-1011-1	28 OPEN (LM501349/501314 Carr Brg.)
XL-1013-1	31 3.062 w/ LM603011/ LM603049 diff brgs. And non-daytona support

Ford 9.5 Richmond Pro Gear

PART NO.	RATIO	TEETH
79-0097-1**	4.11	37-9
79-0098-1**	4.29	30-7
79-0101-1**	4.57	32-7
79-0108-L***	5.00	30-6
79-0110-L***	5.11	46-9
79-0112-L***	5.17	31-6
79-0111-L***	5.20	26-5

*Pro Gears are specifically designed for drag race only.

**35 spline pinion stem.

*** 28 spline pinion stem.

NOTE: Housing must be modified to allow larger ring gear to fit.

Ford 9.75 

PART NO.	RATIO	TEETH
49-0152-1	3.73	41-11
69-0443-1	4.10	41-10
69-0445-1	4.56	41-9
INSTALLATION KITS Featuring Timken® bearings.		
Part No.	Notes	
83-1050-1	Mid-1999 to 2010	
83-1050-B	Half Kit	
83-1049-1	1997 to Mid-1999	
83-1049-B	Half Kit	
83-2012-1	2011 to Current	

Ford 9.75 **EXCEL**[™] 

PART NO.	RATIO
F975355	3.55
F975373	3.73
F975410	4.10
F975430	4.30
F975456	4.56
F975489	4.89
INSTALLATION KITS Featuring Koyo® bearings.	
XL-1049-1	1997-1999.5
XL-1050-1	Mid-1999 to 2010
XL-2012-1	2011 to Current

Ford 10.25 **EXCEL**[™] 

PART NO.	RATIO	NOTES
F10355	3.55	1983-1992
F10410	4.10	1983-1992
F10456	4.56	1983-1992
F10355L	3.55	1993 to Current
F10373L	3.73	1993 to Current
F10410L	4.10	1993 to Current
F10456L	4.56	1993 to Current
F10489L	4.89	1993 to Current
F10513L	5.13	1993 to Current
F10538L	5.38	1993 to Current
INSTALLATION KITS Featuring Koyo® bearings.		
XL-1059-1		

GM Late Camaro 7.6" 2010 to Current 

PART NO.	RATIO	NOTES
49-0192-1	3.55	V6
INSTALLATION KITS Featuring Timken® bearings.		
83-1079-1		
83-1079-B	Half Kit	

GM Late Camaro 8.6" 2010 to Current 

PART NO.	RATIO	NOTES
49-0187-1	3.73	V8
89-0003-1	4.11	V8
INSTALLATION KITS Featuring Timken® bearings.		
83-1077-1		
83-1077-B	Half Kit	

GM Pontiac G8

PART NO.	RATIO	TEETH
49-0201-1	3.55	39-11
INSTALLATION KITS Featuring Timken® bearings.		
83-1087-1		
83-1087-C	Half Kit	

GM Pontiac Late GTO

PART NO.	RATIO	TEETH
69-0461-1	3.90	39-10
INSTALLATION KITS Featuring Timken® bearings.		
83-1099-1		
83-1099-B	Half Kit	

GM 7.5 & 7.625

PART NO.	RATIO	NOTES
GM75323	3.23	GM 10 7.5 OEM
GM75342OE	3.42	GM 10 7.5 3 OEM
GM75342TK	3.42	GM 10 7.5 2 Thick
GM75355	3.55	GM 10 7.5
GM75355TK	3.55	GM 10 7.5 2 Thick
GM75373OE	3.73	GM 10 7.5 3 OEM
GM75373TK	3.73	GM 10 7.5 2 Thick
GM75390	3.90	GM 10 7.5 2
GM75390TK	3.90	GM 10 7.5 2 Thick
GM75410OE	4.10	GM 10 7.5 3 OEM
GM75410TK	4.10	GM 10 7.5 2 Thick
GM75456	4.56	GM 10 7.5 3 OEM
GM75456TK	4.56	GM 10 7.5 2 Thick
INSTALLATION KITS Featuring Koyo® bearings.		
XL-1016-1	1977-1981	
XL-1044-1	1982-1998	
XL-1083-1	1999 to Current	



GM 7.5 & 7.625 

PART NO.	RATIO	TEETH	CARRIER
49-0048-1	2.73	41-15	2
49-0001-1	3.08	40-13	2
49-0044-1	3.23	42-13	3
49-0003-1	3.23	42-13	2
49-0045-1	3.42	41-12	3
49-0005-1	3.42	41-12	2
49-0046-1	3.73	41-11	3
49-0007-1	3.73	41-11	2
49-0284-1	3.90	39-10	3
49-0285-1	3.90	39-10	2
69-0322-1	4.10	41-10	3
49-0009-1	4.10	41-10	2
69-0324-1	4.56	41-9	3*
69-0326-1	4.56	41-9	2*

* Special Cross Pin 80-0270-1 required.

2- Fits 3.08 and numerically lower carrier.

3- Fits 3.23 and numerically higher carrier.

INSTALLATION KITS	Featuring Timken® bearings.
83-1016-1	1977-81
83-1016-M	1977-81
83-1044-1	1982-98
83-1044-M	1982-98
83-1044-B	Half Kit
83-1083-1	1999 to Current
83-1083-B	1999 to Current

GM 8.2 Drop Out (Early) 

PART NO.	RATIO	TEETH
49-0052-1*	3.55	39-11
49-0099-1*	3.73	41-11


* Fits 3.08 to 3.70 carrier.

INSTALLATION KITS	Featuring Timken® bearings.
83-1052-1	
83-1052-B	Half Kit

GM 8.2" 10 Bolt '55-64  

PART NO.	RATIO	NOTES
GM82373E	3.73	Early 55-64

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1052-1	

GM 8.2 (1965-72) 

PART NO.	RATIO	TEETH
49-0011-1	3.08	37-12
49-0013-1	3.36	37-11
49-0015-1	3.55	39-11
49-0112-1	3.73	41-11
69-0159-1	4.11	37-9
69-0028-1	4.56	41-9

Fits 3.08+ carrier.

INSTALLATION KITS	Featuring Timken® bearings.
83-1022-1	
83-1022-M	
83-1022-B	Half Kit

GM 10 8.2 **EXCEL** 

PART NO.	RATIO	NOTES
GM82C373	3.73	
GM82411	4.11	
INSTALLATION KITS Featuring Koyo® bearings.		
XL-1022-1	After Market	

GM 8.2 B or P Axle 

PART NO.	RATIO	TEETH
49-0082-1	3.55	39-11
49-0084-1	3.90	39-10
Use higher series carrier when replacing 2.56, 2.79, 2.93, 3.08 and 3.23 ratios. Use 3.36+ carrier - 3/8" holes.		
INSTALLATION KITS Featuring Timken® bearings.		
83-1040-1		
83-1040-B	Half Kit	

GM 8.25" IFS **EXCEL** 

PART NO.	RATIO	NOTES
GM825373	3.73	
GM825410	4.1	
GM825456	4.56	
INSTALLATION KITS Featuring Koyo® bearings.		
XL-1020-1		
XL-1023-1	IFS '98 to Current	

GM 8.5 & 8.625 

PART NO.	RATIO	TEETH
49-0017-1	3.08	40-13
49-0019-1	3.23	42-13
49-0278-1	3.42	41-12
49-0041-1	3.73	41-11
49-0034-1	3.90	39-10
69-0165-1	4.10	41-10
69-0167-1	4.56	41-9
69-0169-1	4.88	39-8
69-0171-1	5.13	41-8
69-0173-1*	5.38	43-8
69-0175-1*	5.57	39-7

* Cross Pin 80-0272-1 required.

When replacing a stock 2.56 and numerically lower, the carrier must be replaced with a carrier of 2.73 or higher.

INSTALLATION KITS Featuring Timken® bearings.		
83-1020-1	Truck, Up to 1988, Front	
83-1020-B	Truck, Up to 1988, Front	
83-1021-1	Car & Truck, Up to 1998, Rear	
83-1021-B	Car & Truck, Up to 1998, Rear (includes non-IFS front)	
83-1026-1	1999-2008, ALL	
83-1027-1	2009 to Current, ALL	

GM 8.5 "O" Axle

PART NO.	RATIO	TEETH
49-0049-1	3.42	41-12
49-0050-1	3.90	39-10
69-0328-1	4.10	41-10

Fits 2.93-3.23 ratio carrier.

INSTALLATION KITS	Featuring Timken® bearings.
83-1088-1	
83-1088-C	Half Kit

GM 8.5 & 8.625

PART NO.	RATIO	NOTES
GM85308	3.08	
GM85342	3.42	
GM85373	3.73	
GM85410	4.10	
GM85456	4.56	

INSTALLATION KITS	Featuring Koyo® bearings.
XL-1021-1	Car and truck up to 1998 (includes non-IFS front)
XL-1026-1	1999-2008 All
XL-1027-1	8.5", 8.6" 2009 to Current All

GM 8.875 Truck

PART NO.	RATIO	TEETH	CARRIER
49-0068-1	3.08	40-13	3
49-0070-1	3.42	41-12	3
49-0072-1	3.73	41-11	3
49-0280-1	3.73	41-11	4
69-0204-1	4.10	41-10	4
69-0350-1	4.10	41-10	3
69-0206-1	4.56	41-9	4
69-0352-1	4.56	41-9	3
69-0298-1	4.88	39-8	4
69-0300-1	5.13	41-8	4
69-0302-1	5.38	43-8	4

When installing 5.13 and 5.38 ratio sets, differential cross shaft #80-0269-1 must be used.

3 - Fits 3.40 ratio and numerically lower carrier.


4 - Fits 3.73 ratio and numerically higher carrier.

INSTALLATION KITS	Featuring Timken® bearings.
83-1018-1	
83-1018-M	
83-1018-B	Half Kit

Choose the Best Gear Ratio For Your Vehicle

The chart below shows RPM (rotations per minute) calculations at 55 miles per hour, for various combinations of final gear ratios.

The entire shaded area on the chart below represents a generally agreed on acceptable 2,000-3,000 RPM range.

	Improve Fuel Economy
	Optimum Range (2,300-2,600 RPM)
	Improve Power

Gear Ratio	Tire Diameter							
	24	25	26	27	28	29	30	31
2.56	1972	1892	1820	1752	1690	1631	1577	1526
2.73	2102	2018	1940	1869	1802	1740	1682	1627
2.94	2264	2173	2090	2012	1942	1874	1811	1753
3.08	2372	2277	2189	2108	2033	1963	1897	1836
3.21	2472	2373	2282	2197	2119	2046	1977	1914
3.31	2549	2447	2353	2266	2185	2110	2039	1973
3.42	2633	2528	2303	2341	2257	2179	2107	2039
3.54	2726	2617	2516	2423	2336	2256	2181	2110
3.73	2872	2757	2651	2553	2462	2377	2298	2224
3.90	3003	2883	2772	2669	2574	2485	2402	2325
4.10	3157	3031	2914	2806	2706	2613	2526	2444
4.27	3288	3156	3035	2923	2818	2721	2630	2545
4.56	3511	3371	3291	3121	3010	2906	2809	2718
4.88	3758	3607	3469	3340	3221	3110	3006	2909
5.29	4073	3910	3760	3621	3491	3371	3259	3154
5.38	4143	3977	3824	3682	3551	3428	3314	3207
5.71	4397	4221	4058	3908	3769	3639	3517	3404
6.17	4751	4561	4385	4223	4072	3932	3801	3678
7.17	5521	5300	5096	4907	4732	4569	4417	4274

The following formula was used in the chart below to calculate the optimum final gear ratios.

$$\frac{\text{MPH x Gear Ratio}}{\text{Tire Diameter}} \times 336 = \text{RPM}$$

When selecting a gear ratio, consider the following:

1. Tire size
2. Transmission ratio
3. Final gear ratio
4. Engine RPM at cruise speed

Tire Diameter								
32	33	34	35	36	38	40	42	44
1478	1434	1391	1352	1314	1245	1183	1126	1075
1577	1529	1484	1441	1401	1328	1261	1201	1147
1698	1646	1599	1552	1509	1429	1358	1294	1235
1779	1725	1674	1626	1581	1498	1423	1355	1294
1854	1798	1745	1695	1648	1561	1483	1412	1348
1912	1854	1799	1748	1699	1610	1529	1456	1390
1975	1915	1859	1806	1756	1663	1580	1505	1436
2044	1982	1924	1869	1817	1772	1635	1558	1487
2154	2089	2027	1969	1915	1814	1723	1641	1567
2252	2184	2120	2059	2002	1897	1802	1716	1638
2368	2296	2228	2165	2105	1994	1894	1804	1722
2466	2391	2321	2255	2192	2077	1973	1879	1793
2633	2554	2478	2408	2341	2218	2107	2006	1915
2818	2733	2652	2577	2505	2373	2255	2147	2050
3055	2962	2875	2793	2716	2573	2444	2328	2222
3107	3013	2924	2841	2762	2616	2486	2367	2260
3298	3198	3104	3015	2931	2777	2638	2512	2398
3563	3455	3354	3258	3167	3001	2851	2715	2591
4141	4015	3897	3786	3681	3487	3313	3155	3011

12 Bolt Truck **EXCEL** TM **RICHMOND** TM

PART NO.	RATIO	NOTES
12BT308	3.08	Truck
12BT342	3.42	Truck
12BT373	3.73	Truck
12BT373T	3.73	Truck Thick
12BT410	4.10	Truck
12BT410T	4.10	Truck Thick
12BT456	4.56	Truck
12BT456T	4.56	Truck Thick
12BC342	3.42	Car 3
12BC355	3.55	Car 3
12BC373	3.73	Thin 4 Series Case

INSTALLATION KITS Featuring Koyo® bearings.

XL-1018-1 Truck

GM 8.875 "C" Axle, Car **Richmond Pro Gear**

PART NO.	RATIO	TEETH	CARRIER
79-0099-1	4.11	37-9	4
79-0074-1	4.33	39-9	4
79-0072-1	4.56	41-9	4
79-0064-1	4.88	39-8	4
79-0027-1	5.14	36-7	4
79-0029-1	5.38	43-8	4
79-0031-1	5.57	39-7	4
79-0033-1	5.86	41-7	4
79-0035-1	6.14	43-7	4

*Pro Gears are specifically designed for drag race only.

INSTALLATION KITS Featuring Timken® bearings.

83-1019-1

83-1019-M (Will not fit "B" body)

83-1019-B Half Kit



GM 8.875 "C" Axle, Car 

PART NO.	RATIO	TEETH	CARRIER
49-0094-1	3.08	40-13	3
49-0113-1	3.42	41-12	3
49-0095-1	3.55	39-11	3
49-0039-1	3.73	41-11	3
49-0096-1	3.73	41-11	4
49-0040-1	3.90	39-10	3
49-0088-1	3.90	39-10	4
69-0304-1	4.10	41-10	3
69-0031-1	4.10	41-10	4
69-0378-1	4.33	39-9	4
69-0306-1	4.56	41-9	3
69-0032-1	4.56	41-9	4
69-0033-1	4.88	39-8	4
69-0034-1	5.14	36-7	4
69-0035-1	5.38	43-8	4
69-0037-1	5.86	41-7	4
69-0038-1	6.14	43-7	4

When installing 5.14 to 6.14, differential pin #80-0269-1 must be used.

3 - Fits 3.07 to 3.73 ratio carrier.

4 - Fits 3.90 ratio and numerically higher carrier.

GM 8.875 12 Bolt **EXCEL** 

PART NO.	RATIO	NOTES
12BC373T	3.73	3 Series Case
12BC410	4.10	Car 4
12BC410T	4.10	Car Thick 3 Series Case
12BC456	4.56	Car 4 Series Case
12BC456T	4.56	Car Thick 3 Series Case
INSTALLATION KITS	Featuring Koyo® bearings.	
XL-1019-1	All 12 Bolt Car	

GM 9.25" IFS **EXCEL** 

PART NO.	RATIO	NOTES
GM925410	4.1	
GM925456	4.56	
GM925488	4.88	
INSTALLATION KITS	Featuring Koyo® bearings.	
XL-2005-1	All IFS	

GM 9.3 "C" Axle 

PART NO.	RATIO	TEETH	CARRIER
69-0006-1	4.10	41-10	4
69-0008-1	4.56	41-9	4
69-0009-1	4.88	39-8	4

When replacing 3.23 and numerically lower ratios, the higher carrier must be replaced with a carrier 4.10 or higher.

INSTALLATION KITS	Featuring Timken® bearings.
83-1053-1	

GM 9.5" EXCEL[™] RICHMOND[™]

PART NO.	RATIO	NOTES
GM95342	3.42	
GM95373	3.73	
GM95410	4.1	
GM95456	4.56	
GM95488	4.88	
INSTALLATION KITS	Featuring Koyo [®] bearings.	
XL-1066-1	1981-1997	
XL-1067-1	1998 to Current	

GM 10.5" EXCEL[™] RICHMOND[™]

PART NO.	RATIO	NOTES
GM105373	3.73	
GM105410	4.1	
GM105456	4.56	
GM105456TK	4.56	Thick
GM105488TK	4.88	Thick
GM105513TK	5.13	Thick
INSTALLATION KITS	Featuring Koyo [®] bearings.	
XL-1063-1	Excel GM 10.5" 1972-1988 ALL Ratios	
XL-1064.1	Excel GM 10.5" 1988-1997 ALL Ratios	
XL-1065-1	Excel GM 10.5" 1998 to Current - ALL Ratios	

Nissan Titan RICHMOND[™]

REAR		
PART NO.	RATIO	
49-0180-1	3.73	
69-0481-1	4.10	
INSTALLATION KITS	Featuring Timken [®] bearings.	
83-1085-1		
83-1085-C	Half Kit	
FRONT		
PART NO.	RATIO	
49-0181-1	3.73	
69-0482-1	4.10	
INSTALLATION KITS	Featuring Timken [®] bearings.	
Contact Factory		



Toyota 7.5 IFS & Rear **EXCEL**™ **RICHMOND**™

PART NO.	RATIO	TEETH
T75456	4.56	41-9
T75488	4.88	39-8
T75529	5.29	37-7
T75571	5.71	40-7
INSTALLATION KITS Featuring Koyo® bearings.		
XL-1039-1	Toyota 7.5" IFS, 1976-1995	

Toyota 8 Late High Pinion IFS **RICHMOND**™

PART NO.	RATIO	NOTES
69-0500-1	4.88	29 Spline
* Thick gear - Fits 3.70 and down cases. When replacing 3.90+ ratios, must use 3.70 and down case.		
INSTALLATION KITS Featuring Timken® bearings.		
Contact Factory		

Toyota 8 (7.8) **EXCEL**™ **RICHMOND**™

PART NO.	RATIO	TEETH
T8411	4.10	41-10
T8456	4.56	41-9
T8488	4.88	39-8
T8529	5.29	37-7
T8571	5.71	40-7
INSTALLATION KITS Featuring Koyo® bearings.		
XL-1030-1	Toyota, 7.8", 1976-1995	

Toyota V-6 **EXCEL**™ **RICHMOND**™

PART NO.	RATIO	TEETH
TV6410	4.10	41-10
TV6456	4.56	41-9
TV6488	4.88	39-8
TV6529	5.29	37-7
TV6571	5.71	40-7

NOTE: 27 SPLINE

NOTE: Will not fit 3rd members that had factory 4.88 ratio, must replace with non-4.88 3rd member case

NOTE: 2002+ models with TRD locked rear require use of earlier model 27 spline pinion yoke sold separately.

INSTALLATION KITS Featuring Koyo® bearings.		
XL-1046-1	Toyota 7.5", V6, 1979-2013 (Various NON-TRD)	



Single Axle Kits

Excel by Richmond replacement single axle kits are forged from high-quality steel alloy, combined with computer controlled heat treatment, making them stronger and more durable than original equipment axles. The Excel axles listed below, are sold individually and are accurately designed to replace or upgrade existing axles.

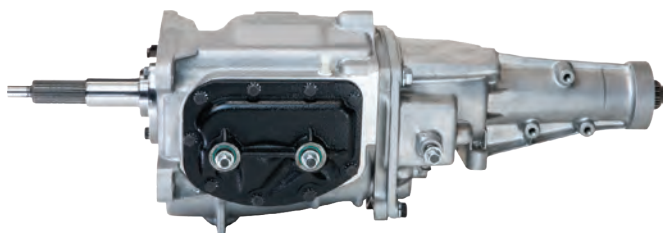
ITEM NO.	LOCATION	DIFFERENTIAL	SPLINES	LENGTH (IN INCHES)	STUD PATTERN	MAKE
92-27455	Rear	7.25"	25	31.25	5 x 4.50"	Dodge
92-23307	Driver Rear	7.5 & 8.8"	28	30.125	5 x 4.50"	Ford
92-23308	Passenger Rear	7.5 & 8.8"	28	27.25	5 x 4.50"	Ford
92-23355	Driver Rear	7.5 & 8.8"	28	32.25	5 x 4.50"	Ford
92-23369	Rear	7.5 & 8.8"	28	30.75	5 x 4.50"	Ford
92-23392	Driver Rear	7.5 & 8.8"	28	30.25	5 x 4.50"	Ford
92-23393	Passenger Rear	7.5 & 8.8"	28	27.25	5 x 4.50"	Ford
92-23311	Rear	7.5 & 8.8"	28	32.25	5 x 4.50"	Ford, Lincoln, Mercury
92-25150	Rear	7.5"	28		5 x 5.00"	Buick, Cadillac, Chevy, Oldsmobile, Pontiac
92-25125	Rear	7.5"	26	30.5	5 x 4.75"	Buick, Chevy, Oldsmobile, Pontiac
92-25165	Rear	7.5"	26	30.125	5 x 4.75"	Chevy
92-25112	Rear	7.5"	28	28.813	5 x 4.75"	Chevy, GMC
92-25134	Rear	7.5"	28	34.813	5 x 5.00"	Chevy, GMC
92-25135	Rear	7.5"	28	30.313	5 x 5.00"	Chevy, GMC
92-25152	Rear	7.5"	26	29	5 x 4.75"	Chevy, GMC
92-25158	Rear	7.5"	26	34.75	5 x 4.75"	Chevy, GMC
92-25159	Passenger Rear	7.5"	26	30.313	5 x 4.75"	Chevy, GMC
92-25167	Driver Rear	7.5"	28	34.813	5 x 4.75"	Chevy, GMC
92-25169	Passenger Rear	7.5"	28	30.313	5 x 4.75"	Chevy, GMC
92-25113	Rear	7.5"	29	32	5 x 4.75"	Chevy, Pontiac
92-25185	Rear	7.5"	28	32	5 x 4.75"	Chevy, Pontiac
92-23335	Rear	7.5"	28	29.125	5 x 4.50"	Ford
92-23336	Passenger Rear	7.5"	28	26.25	5 x 4.50"	Ford
92-23345	Passenger Rear	7.5"	28	27.688	5 x 4.50"	Ford
92-23310	Rear	7.5"	28	32.25	5 x 4.50"	Ford, Lincoln, Mercury
92-23390	Rear	7.5"	28	30.875	5 x 4.50"	Ford, Lincoln, Mercury
92-23382	Rear	7.5"	28		4 x 4.25"	Ford, Mercury
92-25108	Rear	7.625"	28	26.625	5 x 4.75"	Chevy, GMC
92-25103	Rear	7.625"	28	26.625	5 x 4.75"	Chevy, GMC, Isuzu
92-25170	Rear	7.625"	28	28.813	5 x 4.75"	Chevy, GMC, Isuzu, Oldsmobile
92-25160	Rear	7.625"	28	29	5 x 4.75"	Chevy, GMC, Oldsmobile
92-25168	Rear	7.625"	28	29	5 x 4.75"	Chevy, GMC, Oldsmobile

ITEM NO.	LOCATION	DIFFERENTIAL	SPLINES	LENGTH (IN INCHES)	STUD PATTERN	MAKE
92-25182	Driver Rear	8.0"	28	28	6 x 127mm	Buick, Chevy, GMC, Oldsmobile
92-25183	Passenger Rear	8.0"	28	28	6 x 127mm	Buick, Chevy, GMC, Oldsmobile
92-29650	Rear	8.0"	30	29.38	7 x 150mm	Toyota
92-29600	Rear	8.0"	30	26.71	6 x 5.50"	Toyota
92-29625	Rear	8.0"	30	28.35	6 x 5.50"	Toyota
92-25142	Rear	8.2 & 8.6"	28	29.625	5 x 4.75"	Buick, Chevy, Oldsmobile, Pontiac
92-27415	Rear	8.25 & 8.375"	27	32.563	5 x 5.50"	Dodge
92-27430	Rear	8.25 & 8.375"	27	30.75	6 x 4.50"	Dodge
92-27400	Passenger Rear	8.25"	29	30.26	6 x 4.50"	Dodge
92-27401	Passenger Rear	8.25"	29	33.27	6 x 4.50"	Dodge
92-27475	Rear	8.25"	27	30.75	5 x 4.50"	Dodge
92-31215	Rear	8.25"	29	30.87	5 x 4.50"	Jeep
92-31220	Rear	8.25"	27	29.813	5 x 4.50"	Jeep
92-31270	Driver Rear	8.25"	29	29.75	5 x 4.50"	Jeep
92-25195	Rear	8.5 & 8.6"	30	30	5 x 5.00"	Buick, Chevy, Oldsmobile, Pontiac
92-25115	Rear	8.5 & 8.6"	30	33	6 x 5.50"	Cadillac, Chevy, GMC
92-25173	Rear	8.5 & 8.6"	30	34.25	6 x 5.50"	Cadillac, Chevy, GMC
92-25120	Rear	8.5 & 8.6"	30	31.375	5 x 4.75"	Chevy, GMC
92-25140	Rear	8.5 & 8.6"	30	31.5	6 x 5.50"	Chevy, GMC
92-25100	Rear	8.5"	30	30.375	5 x 5.00"	Buick, Cadillac, Chevy
92-25157	Rear	8.5"	28	30.438	5 x 4.75"	Buick, Chevy, Oldsmobile, Pontiac
92-25105	Rear	8.5"	30	30.375	5 x 5.00"	Cadillac, Chevy
92-25175	Rear	8.5"	30	30.5	5 x 4.75"	Chevy
92-25110	Rear	8.5"	30	33.25	5 x 127mm	Chevy, GMC
92-25119	Rear	8.5"	28	33.125	6 x 5.50"	Chevy, GMC
92-25127	Rear	8.5"	28	33.313	5 x 5.50"	Chevy, GMC
92-25178	Rear	8.5"	28	31.375	5 x 5.00"	Chevy, GMC
92-25180	Rear	8.5"	30	33	6 x 5.00"	Chevy, GMC
92-25184	Rear	8.5"	28	31.5	6 x 5.50"	Chevy, GMC
92-25190	Rear	8.5"	30	33.313	5 x 5.00"	Chevy, GMC
92-25114	Rear	8.5"	28	30.125	5 x 4.75"	Chevy, GMC, Pontiac
92-25117	Rear	8.6"	31	33.25	6 x 127mm	Buick, Chevy, GMC, Isuzu, Saab
92-25118	Rear	8.6"	30	31.75	6 x 127mm	Buick, Chevy, GMC, Isuzu, Saab
92-25130	Rear	8.6"	30	31.813	5 x 5.00"	Cadillac Chevy, GMC
92-25132	Rear	8.6"	31	33.563	6 x 5.50"	Cadillac Chevy, GMC
92-25145	Rear	8.6"	30	33.563	6 x 5.50"	Cadillac, Chevy, GMC
92-23305	Driver Rear	8.8"	31	35.625	5 x 5.50"	Ford
92-23317	Driver Rear	8.8"	31	31.75	5 x 135mm	Ford

Richmond Gear

ITEM NO.	LOCATION	DIFFERENTIAL	SPLINES	LENGTH (IN INCHES)	STUD PATTERN	MAKE
92-23318	Passenger Rear	8.8"	31	33.5	5 x 135mm	Ford
92-23325	Passenger Rear	8.8"	31	31.063	5 x 5.50"	Ford
92-23326	Driver Rear	8.8"	31	33.188	5 x 5.50"	Ford
92-23330	Passenger Rear	8.8"	31	31.063"	5 x 5.50"	Ford
92-23331	Driver Rear	8.8"	32	35.688	5 x 5.50"	Ford
92-23338	Passenger Rear	8.8"	31	33.62	6 x 135mm	Ford
92-23339	Driver Rear	8.8"	31	35.27	6 x 135mm	Ford
92-23340	Passenger Rear	8.8"	31	31.063	5 x 5.50"	Ford
92-23341	Driver Rear	8.8"	31	33.188	5 x 5.50"	Ford
92-23350	Passenger Rear	8.8"		31.75	5 x 135mm	Ford
92-23351	Driver Rear	8.8"	31	33.375	5 x 135mm	Ford
92-23352	Passenger Rear	8.8"	31	31.75	5 x 135mm	Ford
92-23353	Driver Rear	8.8"	31	33.375	5 x 135mm	Ford
92-23357	Passenger Rear	8.8"	31	32.71	5 x 4.50"	Ford
92-23358	Driver Rear	8.8"	31	31.83	5 x 4.50"	Ford
92-23360	Rear	8.8"	28	30.688	5 x 4.50"	Ford
92-23377	Driver Rear	8.8"	31	30.5	5 x 4.50"	Ford
92-23378	Passenger Rear	8.8"	31	27.625	5 x 4.50"	Ford
92-23380	Rear	8.8"	28	29.938	5 x 4.50"	Ford
92-23315	Rear	8.8"	28	34.3	5 x 4.50"	Ford, Lincoln, Mercury
92-23316	Rear	8.8"	31	35.87	5 x 4.50"	Ford, Lincoln, Mercury
92-23370	Rear	8.8"	28	31.5	5 x 4.50"	Ford, Lincoln, Mercury
92-23375	Rear	8.8"	28	31.5	5 x 4.50"	Ford, Lincoln, Mercury
92-25198	Rear	8.875"	30	29.563	5 x 4.75"	Chevy
92-25155	Rear	8.875"	30	31.281	6 x 5.50"	Chevy, GMC
92-25192	Rear	8.875"	30	31.313	5 x 4.75"	Chevy, GMC
92-25122	Passenger Rear	8.875"	30	30.063	5 x 4.75"	Chevy, Pontiac
92-23385	Rear	9.0"	31	31.844	5 x 4.50"	Ford
92-27405	Rear	9.25"	31	31.625	5 x 5.50"	Dodge
92-27420	Rear	9.25"	31	32.563	5 x 5.50"	Dodge
92-27440	Driver Rear	9.25"	31	33.313	6 x 4.50"	Dodge
92-27441	Passenger Rear	9.25"	31	30.25	6 x 4.50"	Dodge
92-27480	Rear	9.25"	31	34.125	5 x 5.50"	Dodge
92-25147	Rear	9.5 & 9.6	33	34.84	8 x 6.50"	Chevy, GMC
92-25174	Rear	9.5"	33	34.02	6 x 5.50"	Cadillac, Chevy, GMC
92-25138	Rear	9.5"	33	31.813	8 x 6.50"	Chevy, GMC
92-25148	Rear	9.5"	33	33.125	6 x 5.50"	Chevy, GMC
92-25172	Rear	9.5"	33	32.5	8 x 6.50"	Chevy, GMC
92-23343	Driver Rear	9.75"	34	33.37	5x 135mm	Ford
92-23313	Passenger Rear	9.75"	34	33.6	6 x 135mm	Ford

ITEM NO.	LOCATION	DIFFERENTIAL	SPLINES	LENGTH (IN INCHES)	STUD PATTERN	MAKE
92-23314	Rear	9.75"	34	35.27	6 x 135mm	Ford
92-23332	Passenger Rear	9.75"	34	31.72	5 x 135mm	Ford
92-23333	Driver Rear	9.75"	34	33.38	5 x 135mm	Ford
92-23344	Passenger Rear	9.75"	34	33.375	5 x 135mm	Ford
92-23395	Passenger Rear	9.75"	34	31.75	5 x 135mm	Ford
92-23395	Passenger Rear	9.75"	34	31.75	5 x 135mm	Ford
92-23396	Driver Rear	9.75"	34	33.375	5 x 135mm	Ford
92-23365	Driver Rear	10.25"	35	33	8 x 6.50"	Ford
92-23374	Passenger Rear	10.25"	35		7 x 150mm	Ford
92-23379	Passenger Rear	10.25" & 10.5"	35	31.5	8 x 6.50"	Ford
92-25162	Driver Rear	10.5"	30	33.375	8 x 6.50"	Chevy, GMC
92-25163	Passenger Rear	10.5"	30	39	8 x 6.50"	Chevy, GMC
92-25188	Passenger Rear	10.5"	30	37.563	8 x 6.50"	Chevy, GMC
92-23328	Passenger Rear	10.5"	35		8 x 6.50"	Ford
92-23329	Driver Rear	10.5"	35		8 x 6.50"	Ford
92-25166	Rear	11.5"	30	35.938	8 x 6.50"	Chevy
92-25128	Rear	11.5"	37	36.69		Chevy, GMC
92-31205	Driver Rear	AMC Model 20	29	26.25	5 x 5.50"	Jeep
92-31210	Driver Rear	AMC Model 20	29	28.5	5 x 5.50"	Jeep
92-31211	Driver Rear	AMC Model 20	29	31.5	5 x 5.50"	Jeep
92-31200	Driver Rear	Dana 35	27	31.875	5 x 127mm	Jeep
92-31201	Passenger Rear	Dana 35	27	30.938	5 x 127mm	Jeep
92-31240	Driver Rear	Dana 35	27	30.563	5 x 4.50"	Jeep
92-31241	Passenger Rear	Dana 35	27	29.125	5 x 4.50"	Jeep
92-31285	Driver Rear	Dana 35	27	30.563	5 x 4.50"	Jeep
92-31286	Passenger Rear	Dana 35	27	29.063	5 x 4.50"	Jeep
92-31290	Driver Rear	Dana 35	27	30.563	5 x 4.50"	Jeep
92-31291	Passenger Rear	Dana 35	27	30.563	5 x 4.50"	Jeep
92-31225	Rear	Dana 44	30	32.5	5 x 127mm	Jeep
92-31255	Driver Rear	Dana 44	30	32.375	5 x 127mm	Jeep
92-31260	Driver Rear	Dana 44	30	30.25	5 x 4.50"	Jeep
92-31261	Passenger Rear	Dana 44	30	29.25	5 x 4.50"	Jeep
92-31275	Passenger Rear	Dana 44	30	29.688	5 x 4.50"	Jeep
92-31276	Driver Rear	Dana 44	31	29.25	5 x 4.50"	Jeep
92-31295	Passenger Rear	Dana 44	32	32.5	5 x 127mm	Jeep
92-31296	Driver Rear	Dana 44	32	31.1	5 x 127mm	Jeep



Super T-10 & Super T-10 PLUS 4-Speed

Born in the Muscle Car Era of the 1960's, the Richmond Super T10 and T-10 Plus have been improved for the demands of modern torque hungry engines.

- The original performance transmission!
- Up to 375 lb-ft. of torque capacity
- Light but strong at just 70 lbs. (dry)
- Robust side lever rail shift mechanism
- Multiple gearing and overdrive options available

A four speed countershaft helical gear transmission, the Super T10 is synchronized in all forward gears. First and reverse are "constant mesh" to prevent gear clash, while strut-type synchronizers provide longer life and easier shifting. Five models are available to fit specific applications. All five ratio sets provide a low first gear while retaining a relatively close spacing between 2nd to 3rd and 3rd to 4th gears. The Richmond Super T10 Plus has been re-engineered for the power of today's engines, using the latest in CNC machining and heat treating. The T-10 Plus combines our synchro assemblies and NASCAR proven technology, to deliver the smoothness and strength that road racers demand.

Available Ratios

Super T10 Plus Part #	Super T10 Part #	1st	2nd	3rd	4th	Torque
7021510	1304000070	2.43	1.61	1.23	1.00	375 ft-lb
7021520	1304000069	2.64	1.75	1.34	1.00	325 ft-lb
7021530	7021090	2.64	1.60	1.23	1.00	325 ft-lb
7021540	1304000072	2.88	1.91	1.33	1.00	300 ft-lb
7021550	1304000062	2.88	1.74	1.33	1.00	300 ft-lb
7021560	1304000071	3.42	2.28	1.46	1.00	286 ft-lb

Engineered for *Torque Hungry* Engines!



Super Street 5-Speed with Overdrive

Richmond Super Street 5-Speed transmissions deliver the ultimate blend of performance and economy. The use of low gear ratios for the first four gears provides dramatic acceleration, while a low fifth gear provides a smooth and economical highway ride.

- The perfect blend of performance and MPG!
- Up to 600 lb.-ft. of torque capacity
- Strong and light at 106 lbs. (dry)
- Robust side lever rail shift mechanism
- Multiple 1st gear options available

The Richmond Super Street 5-Speed transmission is designed to exceed the specific requirements of the most demanding road racer. The Super Street 5-Speed transmission is made using the latest CNC machining and in house heat treat. This transmission features a NASCAR proven Super Street style steel billet front bearing retainer for extra strength, making this unit perfect for extreme duty clutches. Available in a wide variety of ratios, this transmission has tremendous torque multiplication and easy serviceability. Fully synchronized for smooth shifting, this 5-speed meets the challenge of demanding shifting of the road racer!

Available Ratios

Super Street 5-Speed Part #	1st	2nd	3rd	4th	5th	Torque
7020526A	3.33	1.85	1.31	1.00	.77	600 ft-lb
7020526B	2.89	1.85	1.31	1.00	.77	600 ft-lb
7020526C	3.06	1.85	1.31	1.00	.77	600 ft-lb



Powertrax Lock-Right Locker

The Powertrax Lock-Right Zytanium® ultra-strength alloy locker's straight-line performance is equal to a solid spool, but automatically unlocks in turns. When extreme traction output and high-strength are required, hot-rodders, muscle car owners and off-roaders choose Lock-Right Lockers!

Best suited for extreme off-road to severe on-road use, Powertrax Lock Right lockers replace the spider gears in your open differential carrier using basic tools and without affecting your ring and pinion settings. The whole job can be done in your driveway in a couple of hours, pin included!



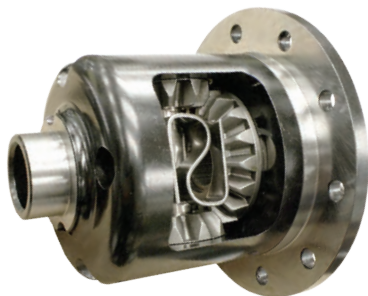
Powertrax No-Slip Traction Systems

For vehicles that are driven daily, the Powertrax No-Slip Traction System is the latest design in quiet traction-adding differential technology. It combines the automatic street-friendly smooth operation of a limited-slip differential with the traction performance of a locking differential. Our patented SynTRAC™ synchronization mechanism eliminates the ratcheting sounds typical of other automatic locking differentials.

Only the highest quality Zytanium® ultra-strength alloy material is used. The Powertrax No-Slip locker easily installs in to your differential carrier using basic tools and without affecting your ring and pinion settings.

Extreme Traction Systems!

POWERTRAX
GRIP
LS



The Powertrax Grip LS, is a clutch type posi-unit in a forged steel case. This differential uses a set of carbon clutch discs to provide traction as needed, is rebuild-able and serviceable, and aimed squarely at the street machine market.

POWERTRAX
GRIP
PRO



The PowerTrax Grip Pro is a gear driven limited slip differential in a machined, forged steel case. Designed to be among the strongest and most durable in the industry. The Powertrax Grip Pro delivers progressive and variable traction based off of throttle input. On the road, and on the track, Grip Pro is a winner!

POWERTRAX
GRIP
LOK



If you are looking for the ultimate in traction control, the Powertrax Grip Lok is the answer.

Using our automatic locking technology, the Powertrax Grip Lok delivers proven mechanically actuated traction. This is our strongest locking differential, offering the ultimate in competition for street, strip and off-road capabilities.


Extreme Traction Systems!

MFG	AXLE CODE	SIZE	SPLINE	TYPE	SPECIAL NOTES
AMC	AMC-20	8.875	29	OPEN	
CHRY		8.25	27	OPEN	
CHRY		8.25	27	TRAC-LOK	
CHRY		8.25	29	OPEN	
CHRY		8.25	29	TRAC-LOK	
CHRY		8.75	30	OPEN	
CHRY		9.25	31	OPEN	
CHRY		9.25	31	TRAC-LOK	
DANA	MODEL-25	7.75	10	OPEN	
DANA	MODEL-27	7.2	10	OPEN	
DANA	MODEL-30	7.2	27	OPEN	
DANA	MODEL-30	7.2	30	N/A	
DANA	MODEL-35	7.565	27	OPEN	NON C-CLIP
DANA	MODEL-35	7.565	27	OPEN	IFS
DANA	MODEL-35	7.565	27	OPEN	IFS & ABS
DANA	MODEL-35	7.565	27	OPEN	1992.5 & earlier Non-ABS, C-Clip & Non C-Clip, Case ID 1.626"
DANA	MODEL-35	7.565	27	OPEN	1993 to Current/ABS, C-Clip & IFS, Case ID 1.558"
DANA	MODEL-35	7.565	27	TRAC-LOK	TRAC-LOK NON C-CLIP
DANA	MODEL-35	7.565	27	TRAC-LOK	TRAC-LOK C-CLIP
DANA	MODEL-44	8.5	19	OPEN	
DANA	MODEL-44	8.5	27	OPEN	
DANA	MODEL-44	8.5	30	OPEN	
DANA	MODEL-44	8.5	35	N/A	
DANA	MODEL-44	8.5	10	OPEN	
DANA	MODEL-44	8.5	30	TRAC-LOK	
DANA	MODEL-50	9	30	OPEN	
DANA	MODEL-50	9	30	OPEN	
DANA	MODEL-60	9.75	30	OPEN	NON C-CLIP
DANA	MODEL-60	9.75	30	OPEN	C-CLIP
DANA	MODEL-60	9.75	30	TRAC-LOK	NON C-CLIP
DANA	MODEL-60	9.75	30	TRAC-LOK	C-CLIP
DANA	MODEL-60	9.75	32	TRAC-LOK	
DANA	MODEL-60	9.75	35	OPEN	
DANA	MODEL-60	9.75	35	TRAC-LOK	
DANA	MODEL-70	10.5	32	OPEN	
DANA	MODEL-70	10.5	35	OPEN	
DANA	MODEL-80	11.5	35	OPEN	

Locking Differentials Application Guide

	POWERTRAX	LOCK RIGHT	GRIP LS	GRIP PRO	GRIP LOK	GRIP CASE BREAK
	92-0120-2900	1710-LR				
	92-0382-2705	1230-LR	LS308227*			ALL
	92-0382-2725		LS308227*			ALL
	92-0382-2905		LS308229*			ALL
			LS308229*			ALL
		1240-LR				
	92-0392-3105	1220-LR	LS309231*			ALL
	92-0392-3125		LS309231*			ALL
		2110-LR				
		2115-LR				
	92-0430-2700	2210-LR	LS443027*	GT443027*	LK443027*	3.73 to Current
				GT443030*	LK443030*	3.73 to Current
		2310-LR	LS443527*	GT443527*	LK443527*	3.54 to Current
	92-0435-2701	2310-LR	LS443527*	GT443527*	LK443527*	3.54 to Current
	92-0435-2702	2311-LR	LS443527*	GT443527*	LK443527*	3.54 to Current
	92-0435-2705	2310-LR	LS443527*	GT443527*	LK443527*	3.54 to Current
	92-0435-2706	2311-LR	LS443527*	GT443527*	LK443527*	3.54 to Current
			LS443527*	GT443527*	LK443527*	3.54 to Current
	92-0435-2725		LS443527*	GT443527*	LK443527*	3.54 to Current
		2413-LR				
	92-0444-2700	2414-LR				
	92-0444-3000	2410-LR	LS444430*	GT444430*	LK444430*	3.92 to Current
					LK434435*	3.73 & DOWN
		2415-LR				
	92-0444-3020		LS444430*	GT444430*	LK444430*	3.92 to Current
		2510-LR				
		2510-LR				
		2610-LR	LS436030*	GT436030*	LK436030*	4.10 & DOWN
		2610-LR	LS436030*	GT436030*	LK436030*	4.10 & DOWN
			LS436030*	GT436030*	LK436030*	4.10 & DOWN
	92-0460-3025		LS436030*	GT436030*	LK436030*	4.10 & DOWN
	92-0460-3220					
	92-0460-3500	2620-LR	LS436035*	GT436035*	LK436035*	4.10 & DOWN
	92-0460-3520		LS436035*	GT436035*	LK436035*	4.10 & DOWN
		2711-LR				
		2710-LR				
		2810-LR				


Extreme Traction Systems!

MFG	AXLE CODE	SIZE	SPLINE	TYPE	SPECIAL NOTES
FORD		7.5	28	OPEN	
FORD		8	28	OPEN	
FORD	3/4 SHAFT	8.8	28	OPEN	
FORD	3/4 SHAFT	8.8	31	OPEN	
FORD	7/8 SHAFT	8.8	31	OPEN	
FORD	3/4 SHAFT	8.8	31	TRAC-LOK	
FORD	7/8 SHAFT	8.8	31	TRAC-LOK	
FORD		9	28	OPEN	
FORD		9	31	OPEN	
FORD		9	35	OPEN	30 DEGREE PRESSURE ANGLE (Grip only)
FORD		9	35	N/A	45 DEGREE PRESSURE ANGLE (Grip only)
FORD		9.75	34	OPEN	
FORD		10.25	35	OPEN	
FORD	3 PINION	10.5	35	OPEN	
GM	10 BOLT	7.5	26	OPEN	
GM	10 BOLT	7.625	26	OPEN	
GM	10 BOLT	7.625	28	OPEN	
GM	10 BOLT	8.2	28	OPEN	
GM	10 BOLT	8.2	28	OPEN	
GM	10 BOLT	8.5	28	OPEN	
GM	10 BOLT	8.5	30	OPEN	
GM	10 BOLT	8.6	30	OPEN	
GM	12 BOLT	8.875	30	OPEN	
GM	12 BOLT	8.875	30	N/A	
GM	14 BOLT	9.2	33	OPEN	
GM	14 BOLT	9.5	33	OPEN	
GM	14 BOLT	10.5	30	OPEN	
NISSAN	H233	9.1	31	OPEN	
NISSAN	C200K			OPEN	
SUZUKI		6.9	26	OPEN	
SUZUKI		6.9	26	OPEN	
TOYOTA		7.5	27	OPEN	
TOYOTA	2 PINION	8	30	OPEN	
TOYOTA	2 PINION	8	30	OPEN	
TOYOTA	4 PINION	8	30	OPEN	
TOYOTA	12 BOLT	8.875	10	OPEN	
TOYOTA	12 BOLT	8.875	30	OPEN	
DANA	MODEL-70	10.5	32	OPEN	
DANA	MODEL-70	10.5	35	OPEN	

	POWERTRAX	LOCK RIGHT	GRIP LS	GRIP PRO	GRIP LOK	GRIP CASE BREAK
		1830-LR				
	92-0680-2800	1810-LR	LS108028*	GT108028		
	92-0688-2807	1820-LR				
		1821-LR	LS108831*			ALL
	92-0688-3108	1822-LR	LS108831*			ALL
			LS108831*			ALL
	92-0688-3128		LS108831*			ALL
	92-0690-2800	1810-LR	LS109028*	GT109028	LK109028*	ALL
	92-0690-3100	1810-LR	LS109031*	GT109031	LK109031*	ALL
				GT109035		ALL
				GT109035-45		
				GT109734		ALL
		1840-LR	LS101035*			ALL
	92-0605-3500					
	92-0775-2605	1930-LR	LS247526*			3.23 to Current
		1932-LR	LS247526*			3.23 to Current
	92-0776-2805	1931-LR	LS247528*			3.23 to Current
	92-0782-2801					
	92-0782-2805	1940-LR				
	92-0785-2805	1920-LR	LS201028*			2.73 to Current
	92-0785-3005	1921-LR	LS201030			2.73 to Current
	92-0786-3005		LS201030			2.73 to Current
	92-0788-3005	1910-LR	LS231230*			3.90 & DOWN
			LS241230*			4.10 to Current
		1950-LR				
	92-0795-3305	1950-LR				
	92-0705-3000	1955-LR				4.10 & DOWN
		3220-LR				
	92-1480-3100					
		1510-LR or 1530-LR				
		1512-LR or 1532-LR				
		1611-LR				
	92-2080-3001	1610-LR				
	92-2080-3002	1615-LR				
		1620-LR				
		1631-LR				
	92-2088-3001					
		2711-LR				
		2710-LR				





RING & PINIONS

AMC® MODEL 20

EXCEL™ PART #	DESCRIPTION	NOTES
AM20354	AMC MODEL 20	RATIO: 3.54
AM20373	AMC MODEL 20	RATIO: 3.73
AM20410	AMC MODEL 20	RATIO: 4.10
AM20456	AMC MODEL 20	RATIO: 4.56
XL-1054-1 *	BEARING MASTER KIT: AMC MODEL 20	

CHRYSLER® 8.25"

EXCEL™ PART #	DESCRIPTION	NOTES
CR825355	RING & PINION: CHRY 8.25"	RATIO: 3.55
CR825390	RING & PINION: CHRY 8.25"	RATIO: 3.55
CR825410	RING & PINION: CHRY 8.25"	RATIO: 4.10
CR825456	RING & PINION: CHRY 8.25'	RATIO: 4.56
XL-1070-1 *	BEARING MASTER KIT: CHRY 8.25"	INCLUDING JEEP® UP TO 2014

CHRYSLER® 9.25"

EXCEL™ PART #	DESCRIPTION	NOTES
CR925355	RING & PINION: CHRY 9.25"	RATIO: 3.55
CR925390	RING & PINION: CHRY 9.25"	RATIO: 3.90
CR925410	RING & PINION: CHRY 9.25"	RATIO: 4.10
CR925456	RING & PINION: CHRY 9.25"	RATIO: 4.56
XL-1042-1 *	BEARING MASTER KIT: CHRYSLER 9.25"	2001 & LATER
XL-1041-1 *	BEARING MASTER KIT: CHRYSLER 9.25"	UP TO 2000: BEARING KITS AND MORE BEARING KITS SUCH A LONG LINE OF KITS

DANA® 30

EXCEL™ PART #	DESCRIPTION	NOTES
D30354	RING & PINION: DANA 30	RATIO: 3.54
D30373	RING & PINION: DANA 30	RATIO: 3.73
D30410	RING & PINION: DANA 30	RATIO: 4.10
D30456	RING & PINION: DANA 30	RATIO: 4.56
D30488	RING & PINION: DANA 30	RATIO: 4.88
XL-1058-1 *	BEARING MASTER KIT: DANA 30	1966-1990: (FRONT, NON-REVERSE)
XL-1090-1 *	BEARING MASTER KIT: DANA 30	1992-1996: CHEROKEE ZJ (FRONT)
XL-1096-1*	BEARING MASTER KIT: DANA 30	1966-1990: (REAR)

DANA® 30 (REVERSE CUT - FRONT)

EXCEL™ PART #	DESCRIPTION	NOTES
D30456R	RING & PINION: DANA 30 REV CUT FRONT	RATIO: 4.56
D30488R	RING & PINION: DANA 30 REV CUT FRONT	RATIO: 4.88
XL-1056-1 *	BEARING MASTER KIT: DANA 30	1997-2006: TJ (FRONT)

DANA® 30 (1997-2006: TJ)

EXCEL™ PART #	DESCRIPTION	NOTES
D30355TJ	RING & PINION: DANA 30 TJ 1997-2006	RATIO: 3.55
D30373TJ	RING & PINION: DANA 30 TJ 1997-2006	RATIO: 3.73
D30411TJ	RING & PINION: DANA 30 TJ 1997-2006	RATIO: 4.11
D30456TJ	RING & PINION: DANA 30 TJ 1997-2006	RATIO: 4.56
D30488TJ	RING & PINION: DANA 30 TJ 1997-2006	RATIO: 4.88
XL-1056-1 *	BEARING MASTER KIT: DANA 30	1997-2006: TJ (FRONT)

*ALL BEARING KITS USE KOYO® BEARINGS.

DANA® 30 (2007-2013: JK)

EXCEL™ PART #	DESCRIPTION	NOTES
D30411FJK	RING & PINION: DANA 30 JK	RATIO: 4.11
D30456FJK	RING & PINION: DANA 30 JK	RATIO: 4.56
D30488FJK	RING & PINION: DANA 30 JK	RATIO: 4.88
D30513FJK	RING & PINION: DANA 30 JK	RATIO: 5.13
XL-1055-1 *	BEARING MASTER KIT: DANA 30	2002-2007: JEEP LIBERTY 2007-2015: JK (FRONT)

DANA® 35

EXCEL™ PART #	DESCRIPTION	NOTES
D35355	RING & PINION: DANA 35	RATIO: 3.55
D35373	RING & PINION: DANA 35	RATIO: 3.73
D35410	RING & PINION: DANA 35	RATIO: 4.10
D35456	RING & PINION: DANA 35	RATIO: 4.56
D35488	RING & PINION: DANA 35	RATIO: 4.88
XL-1060-1*	BEARING MASTER KIT: DANA 35	1980-2006: JEEP (REAR) 97 & UP: DAKOTA (FRONT)
XL-1061-1 *	BEARING MASTER KIT: DANA 35	1999 - CURRENT: WJ, GRAND CHEROKEE
XL-1062-1 *	BEARING MASTER KIT: DANA 35	FORD: ALL

DANA® 44

EXCEL™ PART #	DESCRIPTION	NOTES
D44354	RING & PINION: DANA 44	RATIO: 3.54
D44373	RING & PINION: DANA 44	RATIO: 3.73
D44409	RING & PINION: DANA 44	RATIO: 4.09
D44456	RING & PINION: DANA 44	RATIO: 4.56
D44489	RING & PINION: DANA 44	RATIO: 4.89
D44513	RING & PINION: DANA 44	RATIO: 5.13
D44538	RING & PINION: DANA 44	RATIO: 5.38
XL-1033-1 *	BEARING MASTER KIT: DANA 44	1968-2002: F & R NON DICS AND SUPER

DANA® 44 (REVERSE CUT)

EXCEL™ PART #	DESCRIPTION	NOTES
D44354R	RING & PINION: DANA 44 FRONT REV CUT	RATIO: 3.54
D44373R	RING & PINION: DANA 44 FRONT REV CUT	RATIO: 3.73
D44409R	RING & PINION: DANA 44 FRONT REV CUT	RATIO: 4.09
D44456R	RING & PINION: DANA 44 FRONT REV CUT	RATIO: 4.56
D44489R	RING & PINION: DANA 44 FRONT REV CUT	RATIO: 4.89
D44513R	RING & PINION: DANA 44 FRONT REV CUT	RATIO: 5.13
D44538R	RING & PINION: DANA 44 FRONT REV CUT	RATIO: 5.38
XL-1073-1 *	BEARING MASTER KIT: DANA 44	IFS 94 & UP: DODGE, BRONCO

DANA® 44 (2003 - 2006: TJ, FRONT & REAR)

EXCEL™ PART #	DESCRIPTION	NOTES
D44456RUB	RING & PINION: 44 TJ RUBICON 2003-2006 F & R	RATIO: 4.56
D44488RUB	RING & PINION: 44 TJ RUBICON 2003-2006 F & R	RATIO: 4.88
D44513RUB	RING & PINION: 44 TJ RUBICON 2003-2006 F & R	RATIO: 5.13
XL-1089-1 *	BEARING MASTER KIT: DANA 44	2003-2006: RUBICON

*ALL BEARING KITS USE KOYO® BEARINGS.

DANA® 44 (2007 - 2015: JK, REAR)

EXCEL™ PART #	DESCRIPTION	NOTES
D44411JK	RING & PINION: DANA 44 JK 2007-2015 REAR	RATIO: 4.11
D44456JK	RING & PINION: DANA 44 JK 2007-2015 REAR	RATIO: 4.56
D44488JK	RING & PINION: DANA 44 JK 2007-2015 REAR	RATIO: 4.88
D44513JK	RING & PINION: DANA 44 JK 2007-2015 REAR	RATIO: 5.13
D44538JK	RING & PINION: DANA 44 JK 2007-2015 REAR	RATIO: 5.38
XL-1076-1 *	BEARING MASTER KIT: DANA 44	2007-2015: JK RUBICON (REAR)
XL-1092-1 *	BEARING MASTER KIT: DANA 44	2007-2015: NON JK RUBICON (REAR)

DANA® 44 (2007 - 2015: JK, FRONT)

EXCEL™ PART #	DESCRIPTION	NOTES
D44456FJK	RING & PINION: DANA 44 JK 2007-2015 FRONT	RATIO: 4.56
D44488FJK	RING & PINION: DANA 44 JK 2007-2015 FRONT	RATIO: 4.88
D44513FJK	RING & PINION: DANA 44 JK 2007-2015 FRONT	RATIO: 5.13
D44538FJK	RING & PINION: DANA 44 JK 2007-2015 FRONT	RATIO: 5.38
XL-1075-1 *	BEARING MASTER KIT: DANA 44	2007 -2015: JK RUBICON (FRONT)

DANA® 60

EXCEL™ PART #	DESCRIPTION	NOTES
D60354	RING & PINION: DANA 60	RATIO: 3.54
D60373	RING & PINION: DANA 60	RATIO: 3.73
D60410	RING & PINION: DANA 60	RATIO: 4.1
D60456	RING & PINION: DANA 60	RATIO: 4.56
D60488	RING & PINION: DANA 60	RATIO: 4.88
XL-1034-1 *	BEARING MASTER KIT: DANA 60	1997 & EARLIER
XL-1035-1 *	BEARING MASTER KIT: DANA 60	1998 - CURRENT

DANA® 60 (REVERSE CUT)

EXCEL™ PART #	DESCRIPTION	NOTES
D60410R	RING & PINION: DANA 60 FRONT REV CUT	RATIO: 4.1
D60456R	RING & PINION: DANA 60 FRONT REV CUT	RATIO: 4.56
D60456RT	RING & PINION: DANA 60 FRONT REV CUT THICK	RATIO: 4.56
D60488RT	RING & PINION: DANA 60 FRONT REV CUT THICK	RATIO: 4.88
D60513RT	RING & PINION: DANA 60 FRONT REV CUT THICK	RATIO: 5.13
XL-1036-1 *	BEARING MASTER KIT: DANA 60	2000 - CURRENT: F350/450/550 (FRONT)
XL-1034-1 *	BEARING MASTER KIT: DANA 60 REVERSE CUT	ALL: (EXCEPT ABOVE)

DANA® 70

EXCEL™ PART #	DESCRIPTION	NOTES
D70354	RING & PINION: DANA 70	RATIO: 3.54
D70373	RING & PINION: DANA 70	RATIO: 3.73
D70410	RING & PINION: DANA 70	RATIO: 4.1
D70456	RING & PINION: DANA 70	RATIO: 4.56
D70488	RING & PINION: DANA 70	RATIO: 4.88
D70513	RING & PINION: DANA 70	RATIO: 5.13
XL-1080-1 *	BEARING MASTER KIT: DANA 70	"U" W/HM803110, 149 Inner Pin Brg.
XL-1093-1 *	BEARING MASTER KIT: DANA 70 HD	W/453X, 469 Carrier Brgs
XL-1078-1 *	BEARING MASTER KIT: DANA 70	W/382S, 387A Carrier Brgs

*ALL BEARING KITS USE KOYO® BEARINGS.

DANA® 80

EXCEL™ PART #	DESCRIPTION	NOTES
D80410	RING & PINION: DANA 80	RATIO: 4.1
D80463	RING & PINION: DANA 80	RATIO: 4.63
D80488	RING & PINION: DANA 80	RATIO: 4.88
D80513	RING & PINION: DANA 80	RATIO: 5.13
XL-1068-1 *	BEARING MASTER KIT: DANA 80	1997 & EARLIER
XL-1069-1 *	BEARING MASTER KIT: DANA 80	1998 - CURRENT

FORD® 7.5"

EXCEL™ PART #	DESCRIPTION	NOTES
F75373	RING & PINION: FORD 7.5"	RATIO: 3.73
F75410	RING & PINION: FORD 7.5"	RATIO: 4.1
F75456	RING & PINION: FORD 7.5"	RATIO: 4.56
XL-1045-1 *	BEARING MASTER KIT: FORD 7.5"	

FORD® 8"

EXCEL™ PART #	DESCRIPTION	NOTES
F8355	RING & PINION: FORD 8"	RATIO: 3.55
F8380	RING & PINION: FORD 8"	RATIO: 3.80
XL-1014-1 *	BEARING MASTER KIT: FORD 8"	LARGE HUB BEARINGS (LM102910/949)
XL-1015-1 *	BEARING MASTER KIT: FORD 8"	SMALL HUB BEARINGS (LM501310/349)

FORD® 8.8"

EXCEL™ PART #	DESCRIPTION	NOTES
F88355	RING & PINION: FORD 8.8"	RATIO: 3.55
F88373	RING & PINION: FORD 8.8"	RATIO: 3.73
F88389	RING & PINION: FORD 8.8"	RATIO: 3.89
F88410	RING & PINION: FORD 8.8"	RATIO: 4.10
F88456	RING & PINION: FORD 8.8"	RATIO: 4.56
XL-1094-1 *	BEARING MASTER KIT: FORD 8.8"	97 - CURRENT: (IFS)
XL-1043-1 *	BEARING MASTER KIT: FORD 8.8"	UP TO 2009
XL-1082-1 *	BEARING MASTER KIT: FORD 8.8"	2010 - CURRENT

*ALL BEARING KITS USE KOYO® BEARINGS.

FORD® 9"

EXCEL™ PART #	DESCRIPTION	NOTES
F9350	RING & PINION: FORD 9	RATIO: 3.50
F9355	RING & PINION: FORD 9	RATIO: 3.55
F9370	RING & PINION: FORD 9	RATIO: 3.70
F9389	RING & PINION: FORD 9	RATIO: 3.89
F9411	RING & PINION: FORD 9	RATIO: 4.11
F9433	RING & PINION: FORD 9	RATIO: 4.33
F9456	RING & PINION: FORD 9	RATIO: 4.56
F9471	RING & PINION: FORD 9	RATIO: 4.71
F9486	RING & PINION: FORD 9	RATIO: 4.86
F9500	RING & PINION: FORD 9	RATIO: 5.00
F9514	RING & PINION: FORD 9	RATIO: 5.14
F9529	RING & PINION: FORD 9	RATIO: 5.29
F9543	RING & PINION: FORD 9	RATIO: 5.43
F9567	RING & PINION: FORD 9	RATIO: 5.67
F9583	RING & PINION: FORD 9	RATIO: 5.83
F9600	RING & PINION: FORD 9	RATIO: 6.00
F9620	RING & PINION: FORD 9	RATIO: 6.20
F9633	RING & PINION: FORD 9	RATIO: 6.33
F9650	RING & PINION: FORD 9	RATIO: 6.50
XL-1005-1 *	BEARING MASTER KIT: FORD 9"	3.250 W/ LM104911 / LM104949 DIFF BEARINGS AND DAYTONA PINION SUPPORT (HM89443 PIN BRG)
XL-1009-1 *	BEARING MASTER KIT: FORD 9"	28 LOCK SPLINE, TRAC LOCK
XL-1003-1 *	BEARING MASTER KIT: FORD 9"	3.062 W/ LM603049/LM603011 DIFFERENTIAL BEARINGS AND DAYTONA SUPPORT (HM89443 PIN BRG)
XL-1007-1 *	BEARING MASTER KIT: FORD 9"	31 SPLINE (LM102949 / LM102910) CARRIER BEARINGS & STANDARD PIN SUPPORT (M88048/10)
XL-1011-1 *	BEARING MASTER KIT: FORD 9"	28 SPLINE, OPEN (LM501349/501314 CARR BRG.)
XL-1013-1 *	BEARING MASTER KIT: FORD 9"	31 SPLINE, 3.062 w/ LM603011/ LM603049 DIFFERENTIAL BEARINGS AND NON-DAYTONA SUPPORT

FORD® 9.75"

EXCEL™ PART #	DESCRIPTION	NOTES
F975355	RING & PINION: FORD 9.75"	RATIO: 3.55
F975373	RING & PINION: FORD 9.75"	RATIO: 3.73
F975410	RING & PINION: FORD 9.75"	RATIO: 4.1
F975430	RING & PINION: FORD 9.75"	RATIO: 4.3
F975456	RING & PINION: FORD 9.75"	RATIO: 4.56
F975489	RING & PINION: FORD 9.75"	RATIO: 4.89
XL-1049-1 *	BEARING MASTER KIT: FORD 9.75"	1997-1999.5: WITH M88010/M88048 PINION BEARING
XL-1050-1 *	BEARING MASTER KIT: FORD 9.75"	1999.5 - 2010: WITH HM89443/HM89411 PINION BEARING
XL-2012 *	BEARING MASTER KIT: FORD 9.75"	2011 - CURRENT

FORD® 10.25" (1983 - 1992)

EXCEL™ PART #	DESCRIPTION	NOTES
F10355	RING & PINION: FORD 10.25" 1983-1992	RATIO: 3.55
F10410	RING & PINION: FORD 10.25" 1983-1992	RATIO: 4.1
F10456	RING & PINION: FORD 10.25" 1983-1992	RATIO: 4.56
XL-1059-1 *	BEARING MASTER KIT: FORD 10.25"	

*ALL BEARING KITS USE KOYO® BEARINGS.

FORD® 10.25" (1993 - 1999)

EXCEL™ PART #	DESCRIPTION	NOTES
F10355L	RING & PINION: FORD 10.25" 1993 - Current	RATIO: 3.55
F10373L	RING & PINION: FORD 10.25" 1993 - Current	RATIO: 3.73
F10410L	RING & PINION: FORD 10.25" 1993 - Current	RATIO: 4.10
F10456L	RING & PINION: FORD 10.25" 1993 - Current	RATIO: 4.56
F10489L	RING & PINION: FORD 10.25" 1993 - Current	RATIO: 4.89
F10513L	RING & PINION: FORD 10.25" 1993 - Current	RATIO: 5.13
F10538L	RING & PINION: FORD 10.25" 1993 - Current	RATIO: 5.38
XL-1059-1 *	BEARING MASTER KIT: FORD 10.25"	

GM® 7.5"

EXCEL™ PART #	DESCRIPTION	NOTES
GM75323	RING & PINION: GM 10 7.5" OEM	RATIO: 3.23
GM75342OE	RING & PINION: GM 10 7.5" 3 OEM	RATIO: 3.42
GM75342TK	RING & PINION: GM 10 7.5" 2 THICK	RATIO: 3.42
GM75355	RING & PINION: GM 10 7.5"	RATIO: 3.55
GM75355TK	RING & PINION: GM 10 7.5" 2 THICK	RATIO: 3.55
GM75373OE	RING & PINION: GM 10 7.5" 3 OEM	RATIO: 3.73
GM75373TK	RING & PINION: GM 10 7.5" 2 THICK	RATIO: 3.73
GM75390	RING & PINION: GM 10 7.5" 2	RATIO: 3.90
GM75390TK	RING & PINION: GM 10 7.5" 2 THICK	RATIO: 3.90
GM75410OE	RING & PINION: GM 10 7.5" 3 OEM	RATIO: 4.10
GM75410TK	RING & PINION: GM 10 7.5" 2 THICK	RATIO: 4.10
GM75456	RING & PINION: GM 10 7.5" 3 OEM	RATIO: 4.56
GM75456TK	RING & PINION: GM 10 7.5" 2 THICK	RATIO: 4.56
XL-1016-1 *	BEARING MASTER KIT: GM 7.5"	1977 - 1981
XL-1044-1 *	BEARING MASTER KIT: GM 7.5"	1982 - 1998
XL-1083-1 *	BEARING MASTER KIT: GM 7.5"	1999 - CURRENT

GM® 8.2" (1955 - 1964: DROP OUT STYLE)

EXCEL™ PART #	DESCRIPTION	NOTES
GM82373E	RING & PINION: GM 10, '55 CHEVY EARLY 55-64	RATIO: 3.73
XL-1052-1 *	BEARING MASTER KIT: GM 8.2"	1955 - 1964: DROPOUT STYLE

GM® 8.2" (1965 - 1972)

EXCEL™ PART #	DESCRIPTION	NOTES
GM82C373	RING & PINION: GM 10 8.2"	RATIO: 3.73
GM82411	RING & PINION: GM 10 8.2"	RATIO: 4.11
XL-1022-1 *	BEARING MASTER KIT: GM 8.2"	IMPORTANT: AFTERMARKET RING & PINION ONLY

GM® 8.25" IFS

EXCEL™ PART #	DESCRIPTION	NOTES
GM825373	RING & PINION: GM 8.25" IFS	RATIO: 3.73
GM825410	RING & PINION: GM 8.25" IFS	RATIO: 4.1
GM825456	RING & PINION: GM 8.25" IFS	RATIO: 4.56
XL-1023-1 *	BEARING MASTER KIT: GM 8.25" IFS	1989 - 1997
XL-1023-1 *	BEARING MASTER KIT: GM 8.25" IFS	1998 - CURRENT

*ALL BEARING KITS USE KOYO® BEARINGS.

GM® 8.5"

EXCEL™ PART #	DESCRIPTION	NOTES
GM85308	RING & PINION: GM 10 8.5	RATIO: 3.08
GM85342	RING & PINION: GM 10 8.5	RATIO: 3.42
GM85373	RING & PINION: GM 10 8.5	RATIO: 3.73
GM85410	RING & PINION: GM 10 8.5	RATIO: 4.1
GM85456	RING & PINION: GM 10 8.5	RATIO: 4.56
XL-1020-1 *	BEARING MASTER KIT: GM 8.5"	1972-1988: TRUCK (FRONT, NON-IFS)
XL-1021-1 *	BEARING MASTER KIT: GM 8.5"	1970-1998: CAR & TRUCK (REAR)
XL-1026-1 *	BEARING MASTER KIT: GM 8.5"	1999-2008
XL-1027-1 *	BEARING MASTER KIT: GM 8.5", 8.6"	2009 - CURRENT

GM® 8.75" (CAR)

EXCEL™ PART #	DESCRIPTION	NOTES
12BC342	RING & PINION: 12 BOLT (CAR - 3 SERIES CASE)	RATIO: 3.42
12BC355	RING & PINION: 12 BOLT (CAR - 3 SERIES CASE)	RATIO: 3.55
12BC373	RING & PINION: 12 BOLT (CAR - 4 SERIES CASE, THIN)	RATIO: 3.73
12BC373T	RING & PINION: GM 8.875 12 BOLT (CAR - 3 SERIES CASE)	RATIO: 3.73
12BC410	RING & PINION: GM 8.875 12 BOLT (CAR - 4 SERIES CASE)	RATIO: 4.10
12BC410T	RING & PINION: GM 8.875 12 BOLT (CAR - 3 SERIES CASE, THICK)	RATIO: 4.10
12BC456	RING & PINION: GM 8.875 12 BOLT (CAR - 4 SERIES CASE)	RATIO: 4.56
12BC456T	RING & PINION: GM 8.875 12 BOLT (CAR - 3 SERIES CASE, THICK)	RATIO: 4.56
XL-1019-1 *	BEARING MASTER KIT: GM 12 BOLT (CAR)	

GM® 8.75" (TRUCK)

EXCEL™ PART #	DESCRIPTION	NOTES
12BT308	RING & PINION: GM 12 BOLT (TRUCK)	RATIO: 3.08
12BT342	RING & PINION: GM 12 BOLT (TRUCK)	RATIO: 3.42
12BT373	RING & PINION: GM 12 BOLT (TRUCK)	RATIO: 3.73
12BT373T	RING & PINION: GM 12 BOLT (TRUCK - THICK)	RATIO: 3.73
12BT410	RING & PINION: GM 12 BOLT (TRUCK)	RATIO: 4.1
12BT410T	RING & PINION: GM 12 BOLT (TRUCK - THICK)	RATIO: 4.1
12BT456	RING & PINION: GM 12 BOLT (TRUCK)	RATIO: 4.56
12BT456T	RING & PINION: GM 12 BOLT (TRUCK - THICK)	RATIO: 4.56
XL-1018-1 *	BEARING MASTER KIT: GM 12 Bolt (TRUCK)	

GM® 9.25" IFS

EXCEL™ PART #	DESCRIPTION	NOTES
XL-2005-1 *	BEARING MASTER KIT: 9.25" IFS	1988 - 1997
XL-2006-1 *	BEARING MASTER KIT: 9.25" IFS	1998 - LATER

*ALL BEARING KITS USE KOYO® BEARINGS.

GM® 9.5"

EXCEL™ PART #	DESCRIPTION	NOTES
GM95342	RING & PINION: GM 9.5"	RATIO: 3.42
GM95373	RING & PINION: GM 9.5"	RATIO: 3.73
GM95410	RING & PINION: GM 9.5"	RATIO: 4.1
GM95456	RING & PINION: GM 9.5"	RATIO: 4.56
GM95488	RING & PINION: GM 9.5"	RATIO: 4.88
XL-1066-1 *	BEARING MASTER KIT: GM 9.5"	1981 - 1997
XL-1067-1 *	BEARING MASTER KIT: GM 9.5"	1998 - CURRENT

GM® 10.5"

EXCEL™ PART #	DESCRIPTION	NOTES
GM105373	RING & PINION: GM 10.5"	RATIO: 3.73
GM105410	RING & PINION: GM 10.5"	RATIO: 4.1
GM105456	RING & PINION: GM 10.5"	RATIO: 4.56
GM105456TK	RING & PINION: GM 10.5" (THICK)	RATIO: 4.56
GM105488TK	RING & PINION: GM 10.5" (THICK)	RATIO: 4.88
GM105513TK	RING & PINION: GM 10.5" (THICK)	RATIO: 5.13

TOYOTA® 7.5" IFS

EXCEL™ PART #	DESCRIPTION	NOTES
T75411	RING & PINION: TOYOTA 7.5" IFS FRONT	RATIO: 4.11
T75456	RING & PINION: TOYOTA 7.5" IFS FRONT	RATIO: 4.56
T75488	RING & PINION: TOYOTA 7.5" IFS FRONT	RATIO: 4.88
T75529	RING & PINION: TOYOTA 7.5" IFS FRONT	RATIO: 5.29
T75571	RING & PINION: TOYOTA 7.5" IFS FRONT	RATIO: 5.71
XL-1039-1 *	BEARING MASTER KIT: TOYOTA 7.5" IFS	

TOYOTA® 7.8"

EXCEL™ PART #	DESCRIPTION	NOTES
T8411	RING & PINION: TOYOTA 7.8" REAR	RATIO: 4.11
T8456	RING & PINION: TOYOTA 7.8" REAR	RATIO: 4.56
T8488	RING & PINION: TOYOTA 7.8" REAR	RATIO: 4.88
T8529	RING & PINION: TOYOTA 7.8" REAR	RATIO: 5.29
T8571	RING & PINION: TOYOTA 7.8" REAR	RATIO: 5.71
XL-1030-1 *	BEARING MASTER KIT: TOYOTA 7.8"	

TOYOTA® 7.8" (V6 TURBO)

EXCEL™ PART #	DESCRIPTION	NOTES
TV6410	RING & PINION: TOYOTA 7.8" (V6 TURBO)	RATIO: 4.1
TV6456	RING & PINION: TOYOTA 7.8" (V6 TURBO)	RATIO: 4.56
TV6488	RING & PINION: TOYOTA 7.8" (V6 TURBO)	RATIO: 4.88
TV6529	RING & PINION: TOYOTA 7.8" (V6 TURBO)	RATIO: 5.29
TV6571	RING & PINION: TOYOTA 7.8" (V6 TURBO)	RATIO: 5.71
XL-1046-1 *	BEARING MASTER KIT: TOYOTA 7.8" (V6 TURBO)	

*ALL BEARING KITS USE KOYO® BEARINGS.



AXLE KITS



EXCel by Richmond is High Quality Replacement Axle Shafts

EXCel manufactures one of the widest ranges of automotive and light truck axle applications in the market today, including many hard-to-find models. EXCel axles are available in single axle kits with bearings, seals, and studs. Manufactured from the highest-quality steel, our rear axle shafts are proven to meet or exceed original equipment manufacturer's specifications on strength and ductility. EXCel axles are made to match original manufacturer's dimensional requirements, ensuring a perfect fit every time. Our axles come with a one year warranty, direct from the manufacturer.

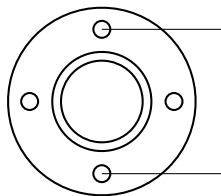
Our slow, computer controlled heat treating process and precision engineering consistently deliver the strongest axle shaft in its class. Not only are our axle shafts built to last, our quality control department is constantly at work, checking every aspect of EXCel axles from material hardness and heat treatment depth, to spline and flange dimensions.

With over 175 part numbers available, EXCel is the right axle for your car, SUV or light truck!

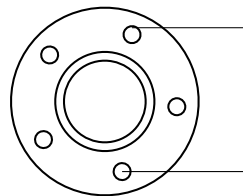
EXCEL AXLE KITS (HOW TO MEASURE AXLE SHAFTS)

How to Measure Axles

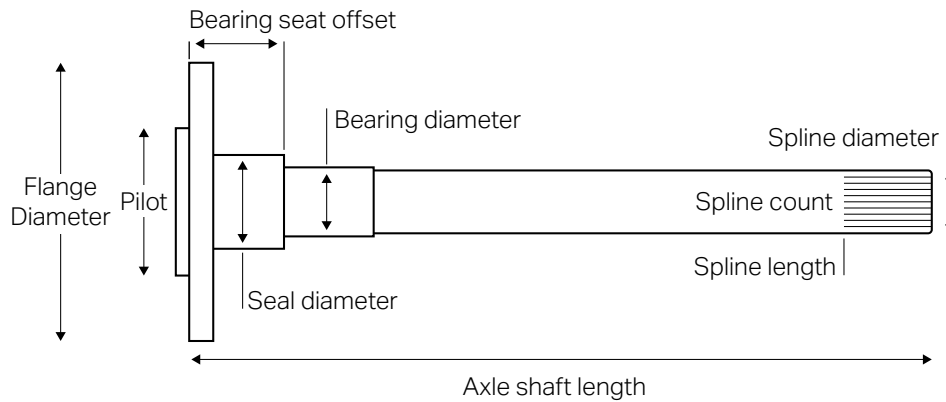
Rear Axles



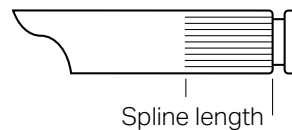
EVEN Number of Lugs
Measure stud center to stud center, across the axle.



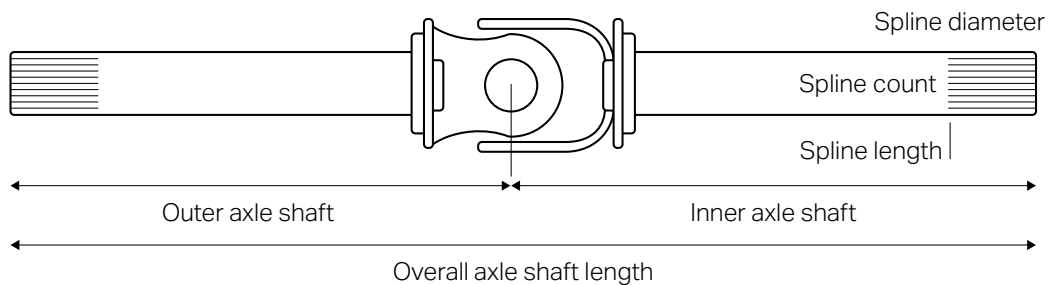
ODD Number of Lugs
Measure across the axle from the center of one stud, to the outer edge of the other stud.



C-Clip style ends



Front Axles



CARS

BUICK®

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
BUICK							
Apollo, Skylark	1973-79	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142
Century	1989	Driver Rear; Passenger Rear	8.5"/8.6"	30"	30	5 x 5.00"	92-25195
Century	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Electra	1989	Driver Rear; Passenger Rear	8.5"/8.6"	30"	30	5 x 5.00"	92-25195
Electra	1980-85	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Electra	1981-86	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Estate Wagon	1977-81	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Estate Wagon	1977-83	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Estate Wagon	1981-83	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
LeSabre	1977-85	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
LeSabre	1977-85	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
LeSabre	1981-85	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
LeSabre	1989-90	Driver Rear; Passenger Rear	8.5"/8.6"	30"	30	5 x 5.00"	92-25195
Rainier	2004-07	Driver Rear	8.0"	28"	28	6 x 127mm	92-25182
Rainier	2004-07	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
Rainier	2004-07	Passanger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
Regal	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Riviera	1977-78	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Riviera	1977-78	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Roadmaster	1991-96	Driver Rear; Passenger Rear	8.5"/8.6"	30"	30	5 x 5.00"	92-25195
Roadmaster	1992-96	Driver Rear; Passenger Rear	8.5"	30.375"	30	5 x 5.00"	92-25100

EXCEL AXLE KITS (CARS)

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
CADILLAC							
Brougham	1987-88	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Brougham, Fleetwood	1989-90	Driver Rear; Passenger Rear	8.5"	30.375"	30	5 x 5.00"	92-25105
Brougham, Fleetwood	1991-92	Driver Rear; Passenger Rear	8.5"	30.375"	30	5 x 5.00"	92-25100
DeVille	1982-84	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Fleetwood	1982-88	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Seville	1976	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142
CHEVROLET							
Astro	1985-89	Driver Rear	7.5"	34.75"	26	5 x 4.75"	92-25158
Astro	1985-89	Passanger Rear	7.5"	30.313"	26	5 x 4.75"	92-25159
Astro - RWD; 2-Wheel ABS; AWD; w/o Speed Sensor Ring	1990-02	Driver Rear	7.5"	34.813"	28	5 x 5.00"	92-25134
Astro	1990-02	Driver Rear	7.5"	30.313"	28	5 x 4.75"	92-25169
Astro - RWD; 2-Wheel ABS; AWD; w/o Speed Sensor Ring	1990-02	Passanger Rear	7.5"	30.313"	28	5 x 5.00"	92-25135
Astro	1990-02	Passanger Rear	7.5"	34.813"	28	5 x 4.75"	92-25167
Camaro	1970	Driver Rear; Passenger Rear	8.875"	30.063"	30	5 x 4.75"	92-25122
Camaro	1967-69	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142
Camaro	1967-69	Driver Rear; Passenger Rear	8.875"	29.563"	30	5 x 4.75"	92-25198
Camaro	1970-81	Driver Rear; Passenger Rear	8.5"	30.125"	28	5 x 4.75"	92-25114
Camaro - w/o traction control	1998-02	Driver Rear; Passenger Rear	7.5"	32"	28	5 x 4.75"	92-25185
Camaro - w/traction control	1998-03	Driver Rear; Passenger Rear	7.5"	32"	28	5 x 4.75"	92-25113
Caprice	1991	Driver Rear; Passenger Rear	7.5"	30.125"	26	5 x 4.75"	92-25165
Caprice	1992	Driver Rear; Passenger Rear	7.5"	30.125"	26	5 x 4.75"	92-25165
Caprice	1977-88	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Caprice	1977-90	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Caprice	1983-85	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Caprice	1989-90	Driver Rear; Passenger Rear	8.5"	30.375"	30	5 x 5.00"	92-25105
Caprice	1989-90	Driver Rear; Passenger Rear	8.5"	30.5"	30	5 x 4.75"	92-25175
Caprice	1989-96	Driver Rear; Passenger Rear	8.5/8.6"	30"	30	5 x 5.00"	92-25195
Caprice	1991-96	Driver Rear; Passenger Rear	8.5"	30.375"	30	5 x 5.00"	92-25100
Chevelle	1973	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Chevelle	1965-72	Driver Rear; Passenger Rear	8.875"	29.563"	30	5 x 4.75"	92-25198
Chevelle	1968-72	Driver Rear; Passenger Rear	8.5"	30.125"	28	5 x 4.75"	92-25114
Chevelle	1968-72	Driver Rear; Passenger Rear	8.875"	30.063"	30	5 x 4.75"	92-25122
Chevelle, El Camino, Malibu	1965-67	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142
Chevy II	1968	Driver Rear; Passenger Rear	8.875"	29.563"	30	5 x 4.75"	92-25198
El Camino	1965-72	Driver Rear; Passenger Rear	8.875"	29.563"	30	5 x 4.75"	92-25198
El Camino	1968-72	Driver Rear; Passenger Rear	8.875"	30.063"	30	5 x 4.75"	92-25122
El Camino	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Impala	1977-85	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Impala	1977-85	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Impala	1983-85	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Laguna	1973-76	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Malibu	1965-67	Driver Rear; Passenger Rear	8.875"	29.563"	30	5 x 4.75"	92-25198

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Malibu	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Monte Carlo	1970-72	Driver Rear; Passenger Rear	8.5"	30.125"	28	5 x 4.75"	92-25114
Monte Carlo	1970-72	Driver Rear; Passenger Rear	8.875"	30.063"	30	5 x 4.75"	92-25122
Monte Carlo	1970-72	Driver Rear; Passenger Rear	8.875"	29.563"	30	5 x 4.75"	92-25198
Monte Carlo	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Nova	1970-71	Driver Rear; Passenger Rear	8.875"	29.563"	30	5 x 4.75"	92-25198
Nova	1970-79	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142
FORD							
Country Squire	1991	Driver Rear; Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23375
Country Squire	1987-89	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Crown Victoria - Non-ABS	1992-97	Driver Rear; Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23375
Crown Victoria - w/4-Wheel ABS	1992-97	Driver Rear; Passenger Rear	8.8"	31.5"	28	5 x 4.50"	92-23370
Crown Victoria - w/ 4-Wheel ABS & Stamped Steel ABS Exciter Ring	1998-02	Driver Rear; Passenger Rear	7.5"	32.25"	28	5 x 4.50"	92-23310
Crown Victoria - w/ 4-Wheel ABS & Pot Metal ABS Exciter Ring	2001-02	Driver Rear; Passenger Rear	7.5"/8.8"	32.25"	28	5 x 4.50"	92-23311
Crown Victoria	2003-05	Driver Rear; Passenger Rear	8.8"	34.3"	28	5 x 4.50"	92-23315
Crown Victoria	2005-11	Driver Rear; Passenger Rear	8.8"	35.87"	31	5 x 4.50"	92-23316
LTD	1979-86	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
LTD	1984-86	Driver Rear; Passenger Rear	7.5"	29.18"	28	4 x 4.25"	92-23382
LTD Crown Victoria	1991	Driver Rear; Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23375
LTD Crown Victoria	1987-89	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Mustang	1979-93	Driver Rear; Passenger Rear	7.5"	29.18"	28	4 x 4.25"	92-23382

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Mustang - 4-Wheel ABS	1994-98	Driver Rear; Passenger Rear	8.8"	29.938"	28	5 x 4.50"	92-23380
Mustang - Non-ABS	1999-04	Driver Rear; Passenger Rear	7.5"/8.8"	30.75"	28	5 x 4.50"	92-23369
Mustang - 4-Wheel ABS; (2004 4-Wheel ABS; Exc. Cobra)	1999-04	Driver Rear; Passenger Rear	8.8"	30.688"	28	5 x 4.50"	92-23360
Mustang	2005-12	Driver Rear	8.8"	32.71"	31	5 x 4.50"	92-23358
Mustang	2005-12	Passanger Rear	8.8"	32.71"	31	5 x 4.50"	92-23357
Thunderbird	1980	Driver Rear; Passenger Rear	7.5"	29.18"	28	4 x 4.25"	92-23382
GMC							
Sprint	1971-72	Driver Rear; Passenger Rear	8.5"	30.125"	28	5 x 4.75"	92-25114
Sprint	1976-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
LINCOLN							
Blackwood	2002	Driver Rear	9.75"	33.37"	34	5x 135mm	92-23343
Blackwood	2002	Passanger Rear	9.75"	33.375"	34	5x 135mm	92-23344
Continental	1980	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Mark VI	1980-83	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Town Car	1982-89	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Town Car - w/o ABS	1991-97	Driver Rear; Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23375
Town Car - w/ABS	1991-97	Driver Rear; Passenger Rear	8.8"	31.5"	28	5 x 4.50"	92-23370
Town Car - w/ 4-Wheel ABS & Stamped Steel ABS Exciter Ring	1998-02	Driver Rear; Passenger Rear	7.5"	32.25"	28	5 x 4.50"	92-23310
Town Car - w/ 4-Wheel ABS & Pot Metal ABS Exciter Ring	2001-02	Driver Rear; Passenger Rear	7.5"/8.8"	32.25"	28	5 x 4.50"	92-23311
Town Car	2003-04	Driver Rear; Passenger Rear	8.8"	34.3"	28	5 x 4.50"	92-23315
Town Car	2005-11	Driver Rear; Passenger Rear	8.8"	35.87"	31	5 x 4.50"	92-23316
MERCURY							
Capri	1979-86	Driver Rear; Passenger Rear	7.5"	29.18"	28	4 x 4.25"	92-23382

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Colony Park	1991	Driver Rear; Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23375
Colony Park	1987-89	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Cougar	1979-82	Driver Rear; Passenger Rear	7.5"	29.18"	28	4 x 4.25"	92-23382
Grand Marquis	1979-89	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Grand Marquis - 1992-97, Non-ABS	1991-97	Driver Rear; Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23375
Grand Marquis - 4-Wheel ABS	1992-97	Driver Rear; Passenger Rear	8.8"	31.5"	28	5 x 4.50"	92-23370
Grand Marquis - w/ 4-Wheel ABS & Stamped Steel ABS Exciter Ring	1998-02	Driver Rear; Passenger Rear	7.5"	32.25"	28	5 x 4.50"	92-23310
Grand Marquis - w/ 4-Wheel ABS & Pot Metal ABS Exciter Ring	2001-02	Driver Rear; Passenger Rear	7.5/8.8"	32.25"	28	5 x 4.50"	92-23311
Grand Marquis	2003-04	Driver Rear; Passenger Rear	8.8"	34.3"	28	5 x 4.50"	92-23315
Grand Marquis	2005*-11	Driver Rear; Passenger Rear	8.8"	35.87"	31	5 x 4.50"	92-23316
Marauder	2003-4	Driver Rear; Passenger Rear	8.8"	34.3"	28	5 x 4.50"	92-23315
Marquis	1979-82	Driver Rear; Passenger Rear	7.5"	30.875"	28	5 x 4.50"	92-23390
Marquis	1983-86	Driver Rear; Passenger Rear	7.5"	29.18"	28	4 x 4.25"	92-23382
OLDSMOBILE							
98	1980-84	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
98	1982-83	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Custom Cruiser	1977-79	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Custom Cruiser	1977-86	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Custom Cruiser	1982-83	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Custom Cruiser	1989-92	Driver Rear; Passenger Rear	8.5/8.6"	30"	30	5 x 5.00"	92-25195
Cutlass	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Cutlass Supreme	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Delta 88	1977-85	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Delta 88	1977-85	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Delta 88	1982-83	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Omega	1973-79	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142
Vista Cruiser	1973-75	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
PONTIAC							
Bonneville	1980	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Bonneville	1977-81	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Bonneville	1977-81	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Catalina	1980	Driver Rear; Passenger Rear	7.5"	30.32"	28	5 x 5.00"	92-25150
Catalina	1977-81	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Catalina	1977-81	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Firebird	1970	Driver Rear; Passenger Rear	8.875"	30.063"	30	5 x 4.75"	92-25122
Firebird	1970-81	Driver Rear; Passenger Rear	8.5"	30.125"	28	5 x 4.75"	92-25114
Firebird - w/ traction control	1998-02	Driver Rear; Passenger Rear	7.5"	32"	28	5 x 4.75"	92-25113
Firebird - w/o traction control	1998-02	Driver Rear; Passenger Rear	7.5"	32"	28	5 x 4.75"	92-25185
Grand Am	1973-74	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Grand LeMans	1976-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Grand Prix	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Grand Safari	1977-78	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125

PONTIAC®



MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Grand Safari	1977-78	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
LeMans	1973-77	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Parisienne	1983-86	Driver Rear; Passenger Rear	7.5"	30.5"	26	5 x 4.75"	92-25125
Parisienne	1983-86	Driver Rear; Passenger Rear	8.5"	30.438"	28	5 x 4.75"	92-25157
Phoenix	1977-79	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142
Safari	1989	Driver Rear; Passenger Rear	8.5"/8.6"	30"	30	5 x 5.00"	92-25195
Ventura	1971-77	Driver Rear; Passenger Rear	8.2"/8.6"	29.625"	28	5 x 4.75"	92-25142

EXCEL AXLE KITS (CARS)

PICKUPS, SUVs, VANS

CADILLAC® - CHEVROLET®

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
CADILLAC							
Escalade - Axle brg. O.D. 2.5310"	1999	Driver Rear; Passenger Rear	8.5"	33"	30	6 x 5.00"	92-25180
Escalade - w/o ABS	2000	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Escalade - Axle brg. O.D. 2.7592"	1999-00	Driver Rear; Passenger Rear	8.5"/8.6"	33"	30	6 x 5.50"	92-25115
Escalade, ESV, EXT - w/ABS	2003-06	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Escalade, ESV, EXT	2007-13	Driver Rear; Passenger Rear	8.5"/8.6"	34.25"	30	6 x 5.50"	92-25173
Escalade, ESV, EXT	2007-13	Driver Rear; Passenger Rear	9.5"	34.02"	33	6 x 5.50"	92-25174
Escalade, EXT - w/o ABS	2002	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
CHEVROLET							
Astro	1985-89	Driver Rear	7.5"	34.75"	26	5 x 4.75"	92-25158
Astro	1985-89	Passenger Rear	7.5"	30.313"	26	5 x 4.75"	92-25159
Astro - RWD; 2-Wheel ABS; AWD; w/o Speed Sensor Ring	1990-02	Driver Rear	7.5"	34.813"	28	5 x 5.00"	92-25134
Astro	1990-02	Driver Rear	7.5"	30.313"	28	5 x 4.75"	92-25169
Astro - RWD; 2-Wheel ABS; AWD; w/o Speed Sensor Ring	1990-02	Passenger Rear	7.5"	30.313"	28	5 x 5.00"	92-25135
Astro	1990-02	Passenger Rear	7.5"	34.813"	28	5 x 4.75"	92-25167
Avalanche	2007-13	Driver Rear; Passenger Rear	8.5"/8.6"	34.25"	30	6 x 5.50"	92-25173
Avalanche	2007-13	Driver Rear; Passenger Rear	9.5"	34.02"	33	6 x 5.50"	92-25174
Avalanche 1500 - w/o ABS	2002-04	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Avalanche 1500 - w/ABS	2003-06	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Avalanche 2500 - w/o ABS	2003	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Avalanche, 2500	2002-08	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Avalanche, 2500	2002-08	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Blazer	1970-74	Driver Rear; Passenger Rear	8.875"	31.281"	30	6 x 5.50"	92-25155
Blazer	1970-74	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192

EXCeL AXLE KITS (PICKUPS | SUVs | VANS)

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Blazer	1987-88	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
Blazer	1988-91	Driver Rear; Passenger Rear	8.5"/8.6"	31.5"	30	6 x 5.50"	92-25140
Blazer - Axle brg. O.D. 2.5310"	1992-94	Driver Rear; Passenger Rear	8.5"	33"	30	6 x 5.00"	92-25180
Blazer - Axle brg. O.D. 2.7592"	1992-94	Driver Rear; Passenger Rear	8.5"/8.6"	33"	30	6 x 5.50"	92-25115
Blazer	1992-94	Driver Rear; Passenger Rear	8.6"	31.813"	30	5 x 5.00"	92-25130
Blazer - Standard capacity package (Except 3.73 & 4.10 ratio); 1993 w/o Rear ABS	1993-97	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25108
Blazer - w/o 4-sensor system	1995-97	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
Blazer - Axle brg. O.D. 2.2520"	1997-05	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25170
Blazer - Axle brg. O.D. 2.44"	1998-01	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
C10	1971-74	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
C10	1975-81	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
C10, C10 Suburban	1970-81	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
C10, C10 Suburban	1978-86	Driver Rear; Passenger Rear	8.5"	31.375"	28	5 x 5.00"	92-25178
C1500	1988-99	Driver Rear; Passenger Rear	8.6"	31.813"	30	5 x 5.00"	92-25130
C1500 Suburban	1992-99	Driver Rear; Passenger Rear	8.6"	31.813"	30	5 x 5.00"	92-25130
C1500, Suburban	1995-99	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C20, C20 Suburban	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
C20, C20 Suburban	1983-86	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
C2500	1988-00	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C2500, C2500 Suburban	1992-99	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C30	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
C3500	1988-89	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C3500, C3500HD	1993	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C3500, C3500HD	1992-02	Driver Rear; Passenger Rear	11.5"	36.69"	37		92-25128
Express 1500	1996-02	Driver Rear; Passenger Rear	8.5"	33.25"	30	5 x 127mm	92-25110
Express 2500	1996-02	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Express 2500	2004-09	Driver Rear	9.5"/9.6"	34.84"	33	8 x 6.50"	92-25147
Express 3500	1996	Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
Express 3500	1996-02	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Express 3500	2005-09	Driver Rear	9.5"/9.6"	34.84"	33	8 x 6.50"	92-25147
G10	1975-88	Driver Rear; Passenger Rear	8.5"	33.313"	28	5 x 5.50"	92-25127
G10	1988-95	Driver Rear; Passenger Rear	8.5"	33.313"	30	5 x 5.00"	92-25190
G20	1978-88	Driver Rear; Passenger Rear	8.5"	33.313"	28	5 x 5.50"	92-25127
G20, G30	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
G30	1983-95	Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
K10, K10 Suburban	1970-81	Driver Rear; Passenger Rear	8.875"	31.281"	30	6 x 5.50"	92-25155
K10, K10 Suburban	1981-86	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
K1500	1988	Driver Rear; Passenger Rear	8.5"	33.125"	28	6 x 5.50"	92-25119
K1500	1988	Driver Rear; Passenger Rear	9.5"	33.125"	33	6 x 5.50"	92-25148
K1500 - Axle brg. O.D. 2.5310"	1988-99	Driver Rear; Passenger Rear	8.5"	33"	30	6 x 5.00"	92-25180
K1500 - Axle brg. O.D. 2.7592"	1988-99	Driver Rear; Passenger Rear	8.5"/8.6"	33"	30	6 x 5.50"	92-25115
K1500	1989-99	Driver Rear; Passenger Rear	9.5"	33.125"	33	6 x 5.50"	92-25148
K1500, K1500 Suburban - Axle brg. O.D. 2.5310"	1992-99	Driver Rear; Passenger Rear	8.5"	33"	30	6 x 5.00"	92-25180
K1500, K1500 Suburban - Axle brg. O.D. 2.7592"	1992-99	Driver Rear; Passenger Rear	8.5"/8.6"	33"	30	6 x 5.50"	92-25115

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
K1500, K2500, K2500 Suburban	1995-99	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
K20 Pickup/Suburban, K30	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
K20, Suburban	1983-86	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
K2500	1989-91	Driver Rear; Passenger Rear	9.5"	33.125"	33	6 x 5.50"	92-25148
K3500	1988-91, 93	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
K5 Blazer	1975-81	Driver Rear; Passenger Rear	8.875"	31.281"	30	6 x 5.50"	92-25155
K5 Blazer	1978-86	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
P10	1975-80	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
P10 Van	1971-74	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
P20	1983-89	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
P20, P30	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
P30	1991-96	Driver Rear; Passenger Rear	11.5"	36.69"	37		92-25128
R10 Suburban	1987-88	Driver Rear; Passenger Rear	8.5"/8.6"	31.375"	30	5 x 4.75"	92-25120
R1500 Suburban	1989-91	Driver Rear; Passenger Rear	8.5"/8.6"	31.375"	30	5 x 4.75"	92-25120
R20, R20 Suburban	1987-88	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
R2500	1989	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
R2500 Suburban	1989-91	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
S10 - w/4-sensor system	1991	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25160
S10 - w/o 4-sensor system	1988-97	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
S10 - Standard capacity package (Except 3.73 & 4.10 ratio); w/o Rear ABS	1993-97	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25108

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
S10 - Increased capacity package (3.73 & 4.10 ratio)	1998-03	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25103
S10, S10 Blazer	1983-89	Driver Rear; Passenger Rear	7.5"	29"	26	w5 x 4.75"	92-25152
S10, S10 Blazer - w/o 4-sensor system	1988-94	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
S10, S10 Blazer - w/4-sensor system	1991-93	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25160
Silverado 1500 - w/o ABS	1999-04	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Silverado 1500	2007-13	Driver Rear; Passenger Rear	8.5/8.6"	34.25"	30	6 x 5.50"	92-25173
Silverado 1500	2007-14	Driver Rear; Passenger Rear	9.5"	34.02"	33	6 x 5.50"	92-25174
Silverado 1500 HD - w/o ABS	2001-03	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Silverado 1500, Silverado 1500 HD - w/ABS	2003-07	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Silverado 2500	1999-04	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Silverado 2500	1999-04	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Silverado 2500	2001-04	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Silverado 2500 (Mexico)	2005-08	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Silverado 2500 (Mexico)	2005-08	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Silverado 2500 (Mexico)	2005-09	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Silverado 2500 HD	2001-08	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Silverado 2500 HD	2001-08	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Silverado 2500 HD	2001-09	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Silverado 3500	2004-07	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Silverado 3500 (Mexico)	2008-09	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Silverado 3500 HD	2007-09	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
SSR	2003-06	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
SSR	2003-06	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Suburban 1500 - w/o ABS	2000-04	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Suburban 1500 - w/ABS	2003-06	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Suburban 1500	2007-13	Driver Rear; Passenger Rear	8.5"/8.6"	34.25"	30	6 x 5.50"	92-25173
Suburban 1500	2007-14	Driver Rear; Passenger Rear	9.5"	34.02"	33	6 x 5.50"	92-25174
Suburban 2500	2001-08	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Suburban 2500	2001-08	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Tahoe - Axle brg. O.D. 2.7592"	1995-00	Driver Rear; Passenger Rear	8.5"/8.6"	33"	30	6 x 5.50"	92-25115
Tahoe - Axle brg. O.D. 2.5310"	1995-99	Driver Rear; Passenger Rear	8.5"	33"	30	6 x 5.00"	92-25180
Tahoe	1995-99	Driver Rear; Passenger Rear	8.6"	31.813"	30	5 x 5.00"	92-25130
Tahoe - w/o ABS	2000-04	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Tahoe - w/ABS	2003-06	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Tahoe	2007-13	Driver Rear; Passenger Rear	8.5"/8.6"	34.25"	30	6 x 5.50"	92-25173
Tahoe	2007-14	Driver Rear; Passenger Rear	9.5"	34.02"	33	6 x 5.50"	92-25174
Trailblazer	2002-09	Driver Rear	8.0"	28"	28	6 x 127mm	92-25182
Trailblazer	2002-09	Passenger Rear	8.0"	28"	28	6 x 127mm	92-25183
Trailblazer	2006-09	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
Trailblazer	2006-09	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
Trailblazer EXT	2002-06	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
Trailblazer EXT	2002-06	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
V10	1987	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
V10 Suburban	1987-88	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
V10 Suburban	1987-88	Driver Rear; Passenger Rear	8.5"/8.6"	31.5"	30	6 x 5.50"	92-25140
V1500 Suburban	1989-91	Driver Rear; Passenger Rear	8.5"/8.6"	31.5"	30	6 x 5.50"	92-25140

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
V20	1987	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
V20 Suburban	1987-88	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
V2500 Suburban	1989-91	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
S10 - Axle brg. O.D. 2.44"	1998-04	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
S10 - Axle brg. O.D. 2.2520"	1998-04	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25170
DODGE							
B150, B250	1985-94	Driver Rear; Passenger Rear	8.25"/8.375"	32.563"	27	5 x 5.50"	92-27415
B150, B250	1990-94	Driver Rear; Passenger Rear	9.25"	32.563"	31	5 x 5.50"	92-27420
B1500, B2500	1995-96	Driver Rear; Passenger Rear	8.25"/8.375"	32.563"	27	5 x 5.50"	92-27415
B1500, B2500	1995-98	Driver Rear; Passenger Rear	9.25"	32.563"	31	5 x 5.50"	92-27420
D100	1986-89	Driver Rear; Passenger Rear	9.25"	31.625"	31	5 x 5.50"	92-27405
D150	1985-93	Driver Rear; Passenger Rear	9.25"	31.625"	31	5 x 5.50"	92-27405
Dakota	1987-90	Driver Rear; Passenger Rear	8.25"	30.75"	27	5 x 4.50"	92-27475
Dakota	1991-96	Driver Rear; Passenger Rear	7.25"	31.25"	25	5 x 4.50"	92-27455
Dakota	1991-96	Driver Rear; Passenger Rear	8.25"/8.375"	30.75"	27	6 x 4.50"	92-27430
Dakota	1997-04	Driver Rear	8.25"	33.27"	29	6 x 4.50"	92-27401
Dakota	1997-04	Driver Rear	9.25"	33.313"	31	6 x 4.50"	92-27440
Dakota	1997-04	Passenger Rear	8.25"	30.26"	29	6 x 4.50"	92-27400
Dakota	1997-04	Passenger Rear	9.25"	30.25"	31	6 x 4.50"	92-27441
Durango	1998-03	Driver Rear	9.25"	33.313"	31	6 x 4.50"	92-27440
Durango	1998-03	Passenger Rear	9.25"	30.25"	31	6 x 4.50"	92-27441
Durango	2000-03	Driver Rear	8.25"	33.27"	29	6 x 4.50"	92-27401
Durango	2000-03	Passenger Rear	8.25"	30.26"	29	6 x 4.50"	92-27400
Ram 1500	1994-06	Driver Rear; Passenger Rear	9.25"	34.125"	31	5 x 5.50"	92-27480

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Ram 1500 Van, 2500Van	1999-03	Driver Rear; Passenger Rear	9.25"	32.563"	31	5 x 5.50"	92-27420
Ramcharger	1984-93	Driver Rear; Passenger Rear	9.25"	31.625"	31	5 x 5.50"	92-27405
W100	1986-89	Driver Rear; Passenger Rear	9.25"	31.625"	31	5 x 5.50"	92-27405
W150	1984-93	Driver Rear; Passenger Rear	9.25"	31.625"	31	5 x 5.50"	92-27405
FORD							
Aerostar	1986-97	Driver Rear	7.5"/8.8"	32.25"	28	5 x 4.50"	92-23355
Aerostar	1986-97	Passenger Rear	7.5"	29.125"	28	5 x 4.50"	92-23335
Bronco	1978-86	Driver Rear; Passenger Rear	9"	31.844"	31	5 x 4.50"	92-23385
Bronco	1983-91	Driver Rear	8.8"	33.188"	31	5 x 5.50"	92-23341
Bronco	1983-91	Passenger Rear	8.8"	31.063"	31	5 x 5.50"	92-23340
Bronco	1987-96	Driver Rear	8.8"	31.063"	31	5 x 5.50"	92-23326
Bronco	1987-96	Passenger Rear	8.8"	33.19"	31	5 x 5.50"	92-23325
Bronco II	1984-90	Driver Rear	7.5"	29.125"	28	5 x 4.50"	92-23335
Bronco II	1984-90	Passenger Rear	7.5"	29.125"	28	5 x 4.50"	92-23336
Bronco II	1984-90	Passenger Rear	7.5"	27.688"	28	5 x 4.50"	92-23345
E-150	2003-06	Driver Rear	8.8"	35.625"	31	5 x 5.50"	92-23305
E-150	2003-06	Driver Rear	8.8"	31.063"	31	5 x 5.50"	92-23331
E-150	2003-06	Passenger Rear	8.8"	31.063"	31	5 x 5.50"	92-23330
E-150	2007-14	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379
E-150 Club Wagon	2003-05	Driver Rear	8.8"	35.625"	31	5 x 5.50"	92-23305
E-150 Club Wagon	2003-05	Driver Rear	8.8"	31.063"	31	5 x 5.50"	92-23331
E-150 Club Wagon	2003-05	Passenger Rear	8.8"	31.063"	31	5 x 5.50"	92-23330
E-150 Econoline, Club Wagon	1987-96	Driver Rear	8.8"	31.063"	31	5 x 5.50"	92-23326
E-150 Econoline, Club Wagon	1987-96	Passenger Rear	8.8"	33.19"	31	5 x 5.50"	92-23325
E-150 Econoline, Club Wagon	1997-02	Driver Rear	8.8"	35.625"	31	5 x 5.50"	92-23305
E-150 Econoline, Club Wagon	1997-02	Driver Rear	8.8"	31.063"	31	5 x 5.50"	92-23331
E-150 Econoline, Club Wagon	1997-02	Passenger Rear	8.8"	31.063"	31	5 x 5.50"	92-23330
E-250	2003-12	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379
E-250 Super Duty	2004-05; 2013-14	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379
E-350	2003	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
E-350 Club Wagon	2003-05	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379
E-350 Econoline, Club Wagon	1995-02	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379
E-350 Super Duty	2004-11	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379
E-450 Super Duty	2009-11	Passenger Rear	10.25"/10.5"	31.5"	35	8 x 6.50"	92-23379
Excursion	2000-05	Driver Rear	10.5"		36	8 x 6.50"	92-23329
Excursion	2000-05	Passenger Rear	10.5"		35	8 x 6.50"	92-23328
Expedition	1997-00	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23351
Expedition	1997-00	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23350
Expedition	1997-99	Driver Rear	8.8"	31.75"	31	5 x 135mm	92-23318
Expedition	1997-99	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23317
Expedition	1999-02	Driver Rear	9.75"	33.37"	34	5x 135mm	92-23343
Expedition	1999-02	Passenger Rear	9.75"	33.375"	34	5x 135mm	92-23344
Expedition	2000-01	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23353
Expedition	2000-01	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23352
Explorer	1995-01	Driver Rear	8.8"	30.5"	31	5 x 4.50"	92-23377
Explorer	1995-01	Passenger Rear	8.8"	27.625"	31	5 x 4.50"	92-23378
Explorer Sport	2001-03	Driver Rear	8.8"	30.5"	31	5 x 4.50"	92-23377
Explorer Sport	2001-03	Passenger Rear	8.8"	27.625"	31	5 x 4.50"	92-23378
Explorer Sport Trac	2003-05	Driver Rear	8.8"	30.5"	31	5 x 4.50"	92-23377
Explorer Sport Trac	2003-05	Passenger Rear	8.8"	27.625"	31	5 x 4.50"	92-23378
F-100	1983	Driver Rear	8.8"	33.188"	31	5 x 5.50"	92-23341
F-100	1983	Passenger Rear	8.8"	31.063"	31	5 x 5.50"	92-23340
F-100	1980-83	Driver Rear; Passenger Rear	9"	31.844"	31	5 x 4.50"	92-23385
F-150	1976-86	Driver Rear; Passenger Rear	9"	31.844"	31	5 x 4.50"	92-23385
F-150	1983-91	Driver Rear	8.8"	33.188"	31	5 x 5.50"	92-23341
F-150	1983-91	Passenger Rear	8.8"	31.063"	31	5 x 5.50"	92-23340
F-150	1987-96	Driver Rear	8.8"	31.063"	31	5 x 5.50"	92-23326
F-150	1987-96	Passenger Rear	8.8"	33.19"	31	5 x 5.50"	92-23325
F-150	1997-00	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23351
F-150	1997-00	Driver Rear	9.75"	33.375"	34	5 x 135mm	92-23396
F-150	1997-00	Passenger Rear	9.75"	31.75"	34	5 x 135mm	92-23395

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
F-150	1997-03	Driver Rear	9.75"	31.72"	34	5 x 135mm	92-23333
F-150	1997-03	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23350
F-150	1997-03	Passenger Rear	9.75"	31.72"	34	5 x 135mm	92-23332
F-150	1997-99	Driver Rear	8.8"	31.75"	31	5 x 135mm	92-23318
F-150	1997-99	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23317
F-150	2000-03	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23353
F-150	2000-03	Driver Rear	9.75"	33.37"	34	5x 135mm	92-23343
F-150	2000-03	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23352
F-150	2000-03	Passenger Rear	9.75"	33.375"	34	5x 135mm	92-23344
F-150	2004-08	Driver Rear	8.8"	35.27"	34	6 x 135mm	92-23314
F-150	2004-08	Driver Rear	8.8"	33.62"	31	6 x 135mm	92-23339
F-150	2004-08	Passenger Rear	8.8"	33.62"	31	6 x 135mm	92-23338
F-150	2005-08	Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23374
F-150	2005-08	Passenger Rear	9.75"	33.6"	34	6 x 135mm	92-23313
F-150 Heritage	2004	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23353
F-150 Heritage	2004	Driver Rear	9.75"	31.72"	34	5 x 135mm	92-23333
F-150 Heritage	2004	Driver Rear	9.75"	33.37"	34	5x 135mm	92-23343
F-150 Heritage	2004	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23352
F-150 Heritage	2004	Passenger Rear	9.75"	31.72"	34	5 x 135mm	92-23332
F-150 Heritage	2004	Passenger Rear	9.75"	33.375"	34	5x 135mm	92-23344
F-250	1986-96	Driver Rear	10.25"	33"	35	8 x 6.50"	92-23365
F-250 (Mexico)	2000	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23353
F-250 (Mexico)	2000	Driver Rear	9.75"	33.37"	34	5x 135mm	92-23343
F-250 (Mexico)	2000	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23352
F-250 (Mexico)	2000	Passenger Rear	9.75"	33.375"	34	5x 135mm	92-23344
F-250 (Mexico)	1997-00	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23351
F-250 (Mexico)	1997-00	Driver Rear	9.75"	31.72"	34	5 x 135mm	92-23333
F-250 (Mexico)	1997-00	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23350
F-250 (Mexico)	1997-00	Passenger Rear	9.75"	31.72"	34	5 x 135mm	92-23332
F-250 (Mexico)	1997-99	Driver Rear	8.8"	31.75"	31	5 x 135mm	92-23318
F-250 (Mexico)	1997-99	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23317
F-250 Super Duty	2000-05	Driver Rear	10.5"		36	8 x 6.50"	92-23329
F-250 Super Duty	2000-05	Passenger Rear	10.5"		35	8 x 6.50"	92-23328

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Lobo (Mexico)	1997-00	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23351
Lobo (Mexico)	1997-00	Driver Rear	9.75"	33.375"	34	5 x 135mm	92-23396
Lobo (Mexico)	1997-03	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23350
Lobo (Mexico)	1997-99	Driver Rear	8.8"	31.75"	31	5 x 135mm	92-23318
Lobo (Mexico)	1997-99	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23317
Lobo (Mexico)	1998-00	Passenger Rear	9.75"	31.75"	34	5 x 135mm	92-23395
Lobo (Mexico)	1998-03	Passenger Rear	9.75"	31.72"	34	5 x 135mm	92-23332
Lobo (Mexico)	1998-04	Driver Rear	9.75"	31.72"	34	5 x 135mm	92-23333
Lobo (Mexico)	2000-03	Driver Rear	8.8"	33.375"	31	5 x 135mm	92-23353
Lobo (Mexico)	2000-03	Passenger Rear	8.8"	31.75"	31	5 x 135mm	92-23352
Lobo (Mexico)	2000-04	Driver Rear	9.75"	33.37"	34	5x 135mm	92-23343
Lobo (Mexico)	2000-04	Passenger Rear	9.75"	33.375"	34	5x 135mm	92-23344
Lobo (Mexico)	2004-08	Driver Rear	8.8"	35.27"	34	6 x 135mm	92-23314
Lobo (Mexico)	2004-08	Driver Rear	8.8"	33.62"	31	6 x 135mm	92-23339
Lobo (Mexico)	2004-08	Passenger Rear	8.8"	33.62"	31	6 x 135mm	92-23338
Lobo (Mexico)	2005-08	Passenger Rear	10.25"	35.25"	35	7 x 150mm	92-23374
Lobo (Mexico)	2005-08	Passenger Rear	9.75"	33.6"	34	6 x 135mm	92-23313
Mountaineer	1997-01	Driver Rear	8.8"	30.5"	31	5 x 4.50"	92-23377
Ranger	1983-92	Driver Rear	7.5"	29.125"	28	5 x 4.50"	92-23335
Ranger	1983-92	Passenger Rear	7.5"	29.125"	28	5 x 4.50"	92-23336
Ranger	1993-97	Driver Rear	7.5/8.8"	30.125"	28	5 x 4.50"	92-23307
Ranger	1993-97	Passenger Rear	7.5/8.8"	30.125"	28	5 x 4.50"	92-23308
Ranger	1998-09	Passenger Rear	7.5/8.8"	27.25"	28	5 x 4.50"	92-23393
Ranger	2005-09	Driver Rear	7.5/8.8"	30.25"	28	5 x 4.50"	92-23392
GMC							
C15, C15 Suburban	1978	Driver Rear; Passenger Rear	8.5"	31.375"	28	5 x 5.00"	92-25178
C15, C15 Suburban	1975-78	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
C15, C1500 Pickup	1971-74	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
C15, C1500 Suburban	1970-74	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
C1500	1988-99	Driver Rear; Passenger Rear	8.6"	31.813"	30	5 x 5.00"	92-25130

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
C1500 Suburban	1992-99	Driver Rear; Passenger Rear	8.6"	31.813"	30	5 x 5.00"	92-25130
C1500, C1500 Suburban	1979-81	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
C1500, C1500 Suburban	1979-86	Driver Rear; Passenger Rear	8.5"	31.375"	28	5 x 5.00"	92-25178
C1500, C1500 Suburban	1995-99	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C2500	1989-00	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C2500 Suburban	1992-99	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C2500, C2500 Suburban	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
C2500, C2500 Suburban	1983-86	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
C3500	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
C3500	1988-89, 1993	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C3500	1992-00	Driver Rear; Passenger Rear	11.5"	36.69"	37		92-25128
C3500HD	1993	Driver Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
C3500HD	1992-02	Driver Rear	11.5"	36.69"	37		92-25128
Envoy - Axle brg. O.D. 2.44"	1998-00	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
Envoy	2002-09	Driver Rear	8.0"	28"	28	6 x 127mm	92-25182
Envoy	2002-09	Passenger Rear	8.0"	28"	28	6 x 127mm	92-25183
Envoy	2005-09	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
Envoy	2005-09	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
Envoy XL	2002-06	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
Envoy XL	2002-06	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
Envoy XUV	2004-05	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
Envoy XUV	2004-05	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
G15	1975-78	Driver Rear; Passenger Rear	8.5"	33.313"	28	5 x 5.50"	92-25127
G1500	1975-88	Driver Rear; Passenger Rear	8.5"	33.313"	28	5 x 5.50"	92-25127
G1500, G2500	1988-95	Driver Rear; Passenger Rear	8.5"	33.313"	30	5 x 5.00"	92-25190

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
G25	1978	Driver Rear; Passenger Rear	8.5"	33.313"	28	5 x 5.50"	92-25127
G2500	1979-88	Driver Rear; Passenger Rear	8.5"	33.313"	28	5 x 5.50"	92-25127
G2500, G3500	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
G3500	1984-96	Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
Jimmy	1970-81	Driver Rear; Passenger Rear	8.875"	31.281"	30	6 x 5.50"	92-25155
Jimmy	1970-81	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
Jimmy	1978-84	Driver Rear; Passenger Rear	8.5"	31.375"	28	5 x 5.00"	92-25178
Jimmy	1978-88	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
Jimmy	1988-91	Driver Rear; Passenger Rear	8.5/8.6"	31.5"	30	6 x 5.50"	92-25140
Jimmy - w/o 4-sensor system	1992-97	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
Jimmy - Standard capacity package (Except 3.73 & 4.10 ratio); w/o Rear ABS	1993-97	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25108
Jimmy - Axle brg. O.D. 2.2520"	1997-05	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25170
Jimmy - Axle brg. O.D. 2.44"	1998-01	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
K15, K15 Suburban	1975-78	Driver Rear; Passenger Rear	8.875"	31.281"	30	6 x 5.50"	92-25155
K15, K1500, K1500 Suburban	1970-74	Driver Rear; Passenger Rear	8.875"	31.281"	30	6 x 5.50"	92-25155
K1500	1988	Driver Rear; Passenger Rear	8.5"	33.125"	28	6 x 5.50"	92-25119
K1500 - Axle brg. O.D. 2.7592"	1988-99	Driver Rear; Passenger Rear	8.5/8.6"	33"	30	6 x 5.50"	92-25115
K1500	1988-99	Driver Rear; Passenger Rear	9.5"	33.125"	33	6 x 5.50"	92-25148
K1500 Suburban - Axle brg. O.D. 2.7592"	1992-99	Driver Rear; Passenger Rear	8.5"/8.6"	33"	30	6 x 5.50"	92-25115
K1500 Suburban	1995-99	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
K1500, K1500 Suburban	1979-81	Driver Rear; Passenger Rear	8.875"	31.281"	30	6 x 5.50"	92-25155

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
K1500, K1500 Suburban	1981-86	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
K1500, K1500 Suburban - Axle brg. O.D. 2.5310"	1988-99	Driver Rear; Passenger Rear	8.5"	33"	30	6 x 5.00"	92-25180
K2500	1989-91	Driver Rear; Passenger Rear	9.5"	33.125"	33	6 x 5.50"	92-25148
K2500	1992-00	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
K2500 Suburban	1992-99	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
K2500, K2500 Suburban	1984-86	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
K2500, K2500 Suburban, K3500	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
K3500	1988-91, 1993	Driver Rear; Passenger Rear	9.5"	31.813"	33	8 x 6.50"	92-25138
P15	1975-78	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
P15, P1500 Van	1971-74	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
P1500	1979-80	Driver Rear; Passenger Rear	8.875"	31.313"	30	5 x 4.75"	92-25192
P2500	1973-93	Passenger Rear	10.5"	37.563"	30	8 x 6.50"	92-25188
P2500	1984-89	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
P3500	1991-94	Driver Rear; Passenger Rear	11.5"	36.69"	37		92-25128
R1500 Suburban	1987-91	Driver Rear; Passenger Rear	8.5/8.6"	31.375"	30	5 x 4.75"	92-25120
R2500	1987-89	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
R2500 Suburban	1987-91	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
S15 - w/o 4-sensor system	1988-90	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
S15 - Axle brg. O.D. 2.44"	1998-04	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
S15 Jimmy - w/4-sensor system	1991	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25160
S15 Jimmy - w/o 4-sensor system	1988-91	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
S15, S15 Jimmy	1983-89	Driver Rear; Passenger Rear	7.5"	29"	26	5 x 4.75"	92-25152
Safari - w/ABS	1990	Passenger Rear	7.5"	30.313"	28	5 x 5.00"	92-25135
Safari	1985-89	Driver Rear	7.5"	34.75"	26	5 x 4.75"	92-25158
Safari	1985-89	Passenger Rear	7.5"	30.313"	26	5 x 4.75"	92-25159
Safari - w/ABS	1990-02	Driver Rear	7.5"	34.813"	28	5 x 5.00"	92-25134
Safari	1990-02	Driver Rear	7.5"	30.313"	28	5 x 4.75"	92-25169
Safari	1990-02	Passenger Rear	7.5"	34.813"	28	5 x 4.75"	92-25167
Savana 1500	1996-02	Driver Rear; Passenger Rear	8.5"	33.25"	30	5 x 127mm	92-25110
Savana 2500	2004-09	Driver Rear	9.5"/9.6"	34.84"	33	8 x 6.50"	92-25147
Savana 2500, Savana 3500	1996-02	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Savana 3500	1996	Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
Savana 3500	2005-09	Driver Rear	9.5"/9.6"	34.84"	33	8 x 6.50"	92-25147
Sierra 1500 - w/o ABS	1999-04	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Sierra 1500 - w/ABS	2003-07	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Sierra 1500	2007-13	Driver Rear; Passenger Rear	8.5"/8.6"	34.25"	30	6 x 5.50"	92-25173
Sierra 1500	2007-14	Driver Rear; Passenger Rear	9.5"	34.02"	33	6 x 5.50"	92-25174
Sierra 1500 HD - w/o ABS	2001-03	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Sierra 1500 HD - w/ABS	2003, 2005-07	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Sierra 2500	1999-04	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Sierra 2500	1999-04	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Sierra 2500	2001-04	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Sierra 2500 HD	2001-08	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Sierra 2500 HD	2001-08	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Sierra 2500 HD	2001-09	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Sierra 3500	2004-07	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166
Sierra 3500 HD	2007-09	Driver Rear; Passenger Rear	11.5"	35.938"	30	8 x 6.50"	92-25166

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Sonoma - w/o 4-sensor system	1991-97	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
Sonoma - Standard capacity package (Except 3.73 & 4.10 ratio); 1993 w/o Rear ABS	1993-95	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25108
Sonoma - Standard capacity package (Except 3.73 & 4.10 ratio); w/o Rear ABS	1996-97	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25108
Sonoma - Increased capacity package (3.73 & 4.10 ratio)	1998-03	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25103
Sonoma - Axle brg. O.D. 2.44"	1998-04	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
Sonoma - Axle brg. O.D. 2.2520"	1998-04	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25170
Syclone - w/4-sensor system	1991	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25160
Syclone - w/o 4-sensor system	1991	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
V1500	1987	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
V1500 Suburban	1987-88	Driver Rear; Passenger Rear	8.5"	31.5"	28	6 x 5.50"	92-25184
V1500 Suburban	1987-91	Driver Rear; Passenger Rear	8.5"/8.6"	31.5"	30	6 x 5.50"	92-25140
V2500	1987	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
V2500 Suburban	1987-91	Driver Rear; Passenger Rear	9.5"	32.5"	33	8 x 6.50"	92-25172
Yukon - Axle brg. O.D. 2.7592"	1992- 2000	Driver Rear; Passenger Rear	8.5"/8.6"	33"	30	6 x 5.50"	92-25115
Yukon - Axle brg. O.D. 2.5310"	1992-99	Driver Rear; Passenger Rear	8.5"	33"	30	6 x 5.00"	92-25180
Yukon	1992-99	Driver Rear; Passenger Rear	8.6"	31.813"	30	5 x 5.00"	92-25130
Yukon XL 1500 - w/o ABS	2001-04	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25145
Yukon XL 2500	2001-08	Driver Rear	10.5"	33.375"	30	8 x 6.50"	92-25162
Yukon XL 2500	2001-08	Passenger Rear	10.5"	39"	30	8 x 6.50"	92-25163
Yukon, XL 1500 - w/ABS	2003-06	Driver Rear; Passenger Rear	8.6"	33.563"	30	6 x 5.50"	92-25132
Yukon, Yukon XL 1500	2007-13	Driver Rear; Passenger Rear	8.5"/8.6"	34.25"	30	6 x 5.50"	92-25173

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Yukon, Yukon XL 1500	2007-14	Driver Rear; Passenger Rear	9.5"	34.02"	33	6 x 5.50"	92-25174
ISUZU							
Ascender	2003-06	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
Ascender	2003-06	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
Hombre - Standard capacity package (Except 3.73 & 4.10 ratio)	1996-97	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25108
Hombre - Increased capacity package (3.73 & 4.10 ratio)	1998-00	Driver Rear; Passenger Rear	7.625"	26.625"	28	5 x 4.75"	92-25103
Hombre - Axle brg. O.D. 2.44"	1998-00	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
Hombre - Axle brg. O.D. 2.2520"	1998-00	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25170
JEEP							
Cherokee	1987-92	Driver Rear	Dana 44	29.25"	31	5 x 4.50"	92-31276
Cherokee	1987-92	Passenger Rear	Dana 44	29.688"	30	5 x 4.50"	92-31275
Cherokee	1990-91	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31285
Cherokee	1990-91	Passenger Rear	Dana 35	29.063"	27	5 x 4.50"	92-31286
Cherokee	1991-95	Driver Rear; Passenger Rear	8.25"	29.813"	27	5 x 4.50"	92-31220
Cherokee	1992-01	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31290
Cherokee	1992-01	Passenger Rear	Dana 35	30.563"	27	5 x 4.50"	92-31291
Cherokee	1996-01	Driver Rear; Passenger Rear	8.25"	29.75"	29	5 x 4.50"	92-31270
CJ5	1976-83	Driver Rear	AMC Model 20	26.25"	29	5 x 5.50"	92-31205
CJ5	1982-83	Passenger Rear	AMC Model 20	31.5"	29	5 x 5.50"	92-31211
CJ7	1976-81	Driver Rear	AMC Model 20	26.25"	29	5 x 5.50"	92-31205
CJ7	1982-86	Driver Rear	AMC Model 20	28.5"	29	5 x 5.50"	92-31210
CJ7	1982-86	Passenger Rear	AMC Model 20	31.5"	29	5 x 5.50"	92-31211
Comanche	1987-92	Driver Rear	Dana 44	29.25"	31	5 x 4.50"	92-31276
Comanche	1987-92	Passenger Rear	Dana 44	29.688"	30	5 x 4.50"	92-31275
Comanche	1990-91	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31285
Comanche	1990-97	Passenger Rear	Dana 35	29.063"	27	5 x 4.50"	92-31286
Grand Cherokee	1993-94	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31290
Grand Cherokee	1993-94	Passenger Rear	Dana 35	30.563"	27	5 x 4.50"	92-31291

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Grand Cherokee	1993-98	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31240
Grand Cherokee	1993-98	Passenger Rear	Dana 35	29.125"	27	5 x 4.50"	92-31241
Grand Cherokee	1994-98	Driver Rear	Dana 44	30.25"	30	5 x 4.50"	92-31260
Grand Cherokee	1994-98	Passenger Rear	Dana 44	29.25"	30	5 x 4.50"	92-31261
Grand Cherokee	1999-04	Driver Rear	Dana 35	31.875"	27	5 x 127mm	92-31200
Grand Cherokee	1999-04	Driver Rear	Dana 44	32.375"	30	5 x 127mm	92-31255
Grand Cherokee	1999-04	Passenger Rear	Dana 35	30.938"	27	5 x 127mm	92-31201
Liberty	2003-05	Driver Rear; Passenger Rear	8.25"	30.87"	29	5 x 4.50"	92-31215
Scrambler	1981	Driver Rear	AMC Model 20	26.25"	29	5 x 5.50"	92-31205
Scrambler	1982-85	Driver Rear	AMC Model 20	28.5"	29	5 x 5.50"	92-31210
Scrambler	1982-85	Passenger Rear	AMC Model 20	31.5"	29	5 x 5.50"	92-31211
Wagoneer	1990	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31285
Wagoneer	1990	Passenger Rear	Dana 35	29.063"	27	5 x 4.50"	92-31286
Wagoneer	1987-90	Driver Rear	Dana 44	29.25"	31	5 x 4.50"	92-31276
Wagoneer	1987-90	Passenger Rear	Dana 44	29.688"	30	5 x 4.50"	92-31275
Wrangler	1987-06	Driver Rear	Dana 44	29.25"	31	5 x 4.50"	92-31276
Wrangler	1987-06	Passenger Rear	Dana 44	29.688"	30	5 x 4.50"	92-31275
Wrangler	1991-92	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31285
Wrangler	1991-92	Passenger Rear	Dana 35	29.063"	27	5 x 4.50"	92-31286
Wrangler	1993-02	Driver Rear	Dana 35	30.563"	27	5 x 4.50"	92-31290
Wrangler	1993-02	Passenger Rear	Dana 35	30.563"	27	5 x 4.50"	92-31291
Wrangler	2007-14	Driver Rear	Dana 44	31.1"	32	5 x 127mm	92-31296
Wrangler	2007-14	Driver Rear; Passenger Rear	Dana 44	32.5"	30	5 x 127mm	92-31225
Wrangler	2007-14	Passenger Rear	Dana 44	32.5"	32	5 x 127mm	92-31295
LINCOLN							
Navigator	1999-02	Driver Rear	9.75"	33.37"	34	5x 135mm	92-23343
Navigator	1999-02	Passenger Rear	9.75"	33.375"	34	5x 135mm	92-23344
MERCURY							
Mountaineer	1997-01	Passenger Rear	8.8"	27.625"	31	5 x 4.50"	92-23378
OLDSMOBILE							
Bravada - w/4-sensor system	1991-93	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25160

MODEL	YEAR	POSITION	DIFF SIZE	LENGTH	SPLINES	STUD PATTERN	EXCEL KIT #
Bravada - w/o 4-sensor system	1991-96	Driver Rear; Passenger Rear	7.625"	29"	28	5 x 4.75"	92-25168
Bravada	2002-04	Driver Rear	8.0"	28"	28	6 x 127mm	92-25182
Bravada	2002-04	Passenger Rear	8.0"	28"	28	6 x 127mm	92-25183
Bravada - Axle brg. O.D. 2.44"	1997-01	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25112
Bravada - Axle brg. O.D. 2.2520"	1997-01	Driver Rear; Passenger Rear	7.625"	28.813"	28	5 x 4.75"	92-25170
SAAB							
9-7x	2005-09	Driver Rear	8.6"	33.25"	31	6 x 127mm	92-25117
9-7x	2005-09	Passenger Rear	8.6"	31.75"	30	6 x 127mm	92-25118
TOYOTA							
4Runner	1984-85	Driver Rear; Passenger Rear	8.0"	26.71"	30	6 x 5.50"	92-29600
4Runner	1986-89	Driver Rear; Passenger Rear	8.0"	28.35"	30	6 x 5.50"	92-29625
4Runner	2001-02	Driver Rear; Passenger Rear	8.0"	29.38"	30	7 x 150mm	92-29650
Pickup	1979-85	Driver Rear; Passenger Rear	8.0"	26.71"	30	6 x 5.50"	92-29600
Pickup	1986-89	Driver Rear; Passenger Rear	8.0"	28.35"	30	6 x 5.50"	92-29625

INTERNAL KITS

EXCEL PART#	DESCRIPTION	# OF COVER BOLTS	AXLE SPLINE	SPLINE DIAMETER	YEARS	FRONT	REAR
C7.25BI	Chrysler 7.25" open internal kit	9	25	1.15"	1987-1996 (Front) 1966-1996 (Rear)	X	X
C8.25BI	Chrysler 8.25" open internal kit	10	27	1.17"	1966-1996		X
C8.25BIL *	Chrysler 8.25" open internal kit	10	29	1.21"	1997-2013*		X
C9.25BI	Chrysler 9.25" open internal kit	12	31	1.32"	1970-2009		X
F10.25BI	Ford 10.25" open internal kit, 2 Pinion style	12	35	1.50"	1983-2004		x
F7.5BI	Ford 7.5" open internal kit	10	28	1.20"	1978-2012		X
F8.8BI	Ford 8.8" open internal kit	10	31	1.32"	1987-2015		X
F9.75BI	Ford 9.75" open internal kit	12	34	1.37"	1997-2015		X
F9-IO	Ford 9" open internal kit, 2 pinion style	3rd Member	31	1.32"	1957-1986		X
F9-IOH	Ford 9" open internal kit, 4 pinion style	3rd Member	31	1.32"	1957-1986		X
F9-IO28	Ford 8" or 9" open internal kit, 2 pinion style	3rd Member	28	1.20"	1957-1986		X
F9-IO28H	Ford 8" or 9" open internal kit, 4 pinion style	3rd Member	28	1.20"	1957-1986		X
F9-IP	Ford 9" Trac Lok internal kit	3rd Member	31	1.32"	1957-1986		X
F9-IPH	Ford 9" Trac Lok internal kit, complete	3rd Member	31	1.32"	1957-1986		X
F9-IP28	Ford 8" or 9" Trac Lok internal kit	3rd Member	28	1.20"	1957-1986		X
F9-IP28H	Ford 8" or 9" Trac Lok internal kit, complete	3rd Member	28	1.20"	1957-1986		X
GM7.5BI	GM 7.5" open internal kit	10	26	1.16"	1977-1987		X
GM7.6BI	GM 7.6" open internal kit	10	28	1.20"	1988-2008		X
GM8.0BI	GM 8" open internal kit	10	28	1.20"	2002-2015		X
GM10BIFS	GM 8.25" IFS open internal kit	10	28	1.20"	1988-2015	X	
GM10BI	GM 8.5" open internal kit	10	28	1.20"	1977-1987 (Front) 1970-1987 (Rear)	X	X
GM10BI-30	GM 8.5" open internal kit	10	30	1.32"	1988-1991 (Front) 1988-1998 (Rear)	X	X
GM8.6BI	GM 8.6" open internal kit	10	30	1.32"	1999-2000.5		X
GM8.6BIL	GM 8.6" open internal kit	10	30	1.32"	2000.5-2008		X
GM8.6BIL-1	GM 8.6" open internal kit	10	30	1.32"	2009-2015		X
GM12BI	GM 8.875" open internal kit	12	30	1.30"	1964-1972 (Car) 1964-1982 (Truck)		X
GM9.5BI	GM 9.5" & 9.25" IFS open internal kit	14	33	1.37"	1988-2006 (IFS) 1981-2015 (Rear)	X	X
GM14BI	GM 10.5" open internal kit	14	30	1.50"	1972-2015		X
706027XR	Dana 44 open internal kit	10	30	1.31"	1971-1992	X	X
706043XR	Dana 60 open internal kit, non-clip	10	30	1.31"	1968-2002	X	X
706058XR	Dana 70 open internal kit	10	35	1.50"	1979-2001		X
707247XR	Dana 35 open internal kit	10	27	1.18"	1985-1993		X
707280XR	Dana 80 open internal kit	10	37	1.60"	1990-2015		X

* 1997-2012 for Dakota & 1997-2013 for Liberty

EMPTY CASES

EXCEL™ PART #	DESCRIPTION	# OF COVER BOLTS	CASE BREAKS	YEARS	FRONT	REAR	CARRIER BEARINGS & RACES
C9.25E	Chrysler 9.25" open empty case	12	2.71 & up	1970-2009		X	JLM704649-JLM704610
D30-CL	Dana 30 empty case	10	3.73 & up	1967-2006	X		LM501349-LM501314
707363XR	Dana 80 open empty case, GM 37 spl	10	4.10 & up	1990-2015		X	469-453X
E7TZ4204C	Ford 10.25" open empty case, 2 Pinion style	12	No Case Breaks	1983-2004		x	469-453X
E7TZ4204A	Ford 7.5" open empty case	10	No Case Breaks	1978-2012		x	LM501349-LM501314
D3OZ4204A	Ford 8" Trac Lok empty case	3rd Member	No Case Breaks	1960-1981		x	LM102949-LM102910
D3TZ4204A	Ford 9" empty Trac Lok case 28 or 31 spl	3rd Member	No Case Breaks	1957-1986		x	LM102949-LM102910 for 2.89 Housing or LM603049-LM603011 for 3.06 Housing
6258336	GM 10.5" open empty case	14	4.10 & dn	1972-2015		X	387AS-382A
6258340	GM 10.5" open empty case	14	4.56 & up	1972-2015		X	387AS-382A
GM7.5E	GM 7.5" open empty case, 26 spl.	10	3.23 & up	1973-1988		X	LM501349-LM501314
GM7.6E	GM 7.6" open empty case, 28 spl.	10	3.23 & up	1989-2008		X	LM501349-LM501314
GM8.0E	GM 8" open empty case	10	No Case Breaks	2002-2015		x	LM603049-LM603012
26018131	GM 8.25" IFS open empty case	10	3.42 & up	1988-2015	X		LM501349-LM501314
26010481	GM 8.5" open empty case, 28 & 30 spl.	10	2.73 & up	1977-1991 (Front) 1970-1998 (Rear)	X	X	LM501349-LM501314
GM8.6E	GM 8.6" open empty case	10	2.73 & up	2009-2015		X	LM603049-LM603012
GM8.6L	GM 8.6" open LOADED CASE, 30 spl.	10	2.73 & up	1989-2015		X	LM603049-LM603012 for 1999-2015 or LM102949-LM102911 for 1989-1998
14038087	GM 9.5" & 9.25" IFS open empty case	14	No Case Breaks	1988-2006 (IFS) 1981-2015 (Rear)	x	x	JLM506849A-JLM506811
TOY8E	Toyota 8" open empty case, 4 cyl. Only	3rd Member	No Case Breaks	1979-1985 (Front) 1979-1996 (Rear)	x	x	LM603049-LM603014

FAQ

Year	
Make (Chevy, Jeep, Ford, Dodge, etc.)	
Model (1 / 2 ton, Impala, etc.)	
Vehicle weight (lbs.)	
Transmission brake	() YES () NO
Drag race only	() YES () NO
Street and drag race	() YES () NO
Street only	() YES () NO
Circle/Oval track racing	() YES () NO
Current gear ratio	
New ratio you are considering?	
How will you use the vehicle?	
Tire size (diameter) inches.	
Number of cover bolts; or is it a drop out?	
Number of ring gear bolts.	
Transmission (manual or automatic)	
Engine size (cu. in.), horsepower and torque if known.	
Current RPM's at your normal cruising speed.	
Standard or reverse rotation for front ring & pinion.	
Reverse rotation ring and pinion; the pinion shaft enters the housing above the axle centerline. Standard rotation ring and pinion; the pinion shaft enters the housing below the axle centerline.	
Independent Front Suspension (IFS) or solid straight axle in front.	
If you pull a trailer with your vehicle, what is the loaded trailer weight?	

- Does Richmond make a gear set for my car or truck?**
Specified in catalog for most applications.
- What ratios does Richmond make for my car or truck?**
Specified in catalog. Also see the Richmond Double Diamond catalog for more ratios.
- Will your gear set fit my carrier?**
Need to know what carrier and/or ring & pinion and what ratio came from the factory.
- What part number do I need for my application?**
Specified in catalog. Also see the Richmond Double Diamond catalog for more ratios.
- Have a number off either ring gear or pinion but not part number?**
The numbers that are on the ring gear and pinion are manufacturing numbers. Richmond can cross-reference for you.
- Have the numbers off tag on rear housing. What rear end ratio do I have?**
You can identify most Ford and Dana from tag. Richmond can identify Dana from number on gear.
- Do I need a street gear or a pro gear?**
Pro Gears are for **drag racing only**. Pro Gear or Street Gear selection will depend on the car weight, horsepower, tire size, and type of transmission. If the car weighs 2,800 lbs. or more and has a trans brake and high horsepower, a Pro Gear is recommended.
- Can I set up my own rear?**
Yes. Recommend the purchase of Richmond Installation DVD. DVD covers basic set up for applications in catalog.
- What is the best ratio for my car?**
Need to determine use, tire size, transmission, etc. and how you want to drive the vehicle. Do RPM calculations.

Choose The Gear Ratio That Is Best For Your Vehicle

When selecting a Gear Ratio, you should consider the following:

1. Tire Size
2. Transmission Ratio
3. Final Gear Ratio
4. Engine RPM at Cruise Speed

The following formula has been developed to calculate the optimum final Gear Ratio to suit your application.

$$\frac{\text{M.P.H. X Gear Ratio}}{\text{Tire Diameter}} \times 336 = \text{RPM}$$

The chart shown below shows **RPM** calculations at **55 MPH** for various combinations of final **Gear Ratio** and **Tire Diameter**.

Gear Ratio	Tire Diameter																
	24	25	26	27	28	29	30	31	32	33	34	35	36	38	40	42	44
2.56	1972	1892	1820	1752	1690	1631	1577	1526	1478	1434	1391	1352	1314	1245	1183	1126	1075
2.73	2102	2018	1940	1869	1802	1740	1682	1627	1577	1529	1484	1441	1401	1328	1261	1201	1147
2.94	2264	2173	2090	2012	1942	1874	1811	1753	1698	1646	1599	1552	1509	1429	1358	1294	1235
3.08	2372	2277	2189	2108	2033	1963	1897	1836	1779	1725	1674	1626	1581	1498	1423	1355	1294
3.21	2472	2373	2282	2197	2119	2046	1977	1914	1854	1798	1745	1695	1648	1561	1483	1412	1348
3.31	2549	2447	2353	2266	2185	2110	2039	1973	1912	1854	1799	1748	1699	1610	1529	1456	1390
3.42	2633	2528	2430	2341	2257	2179	2107	2039	1975	1915	1859	1806	1756	1663	1580	1505	1436
3.54	2726	2617	2516	2423	2336	2256	2181	2110	2044	1982	1924	1869	1817	1722	1635	1558	1487
3.73	2872	2757	2651	2553	2462	2377	2298	2224	2154	2089	2027	1969	1915	1814	1723	1641	1567
3.90	3003	2883	2772	2669	2574	2485	2402	2325	2252	2184	2120	2059	2002	1897	1802	1716	1638
4.10	3157	3031	2914	2806	2706	2613	2526	2444	2368	2296	2228	2165	2105	1994	1894	1804	1722
4.27	3288	3156	3035	2923	2818	2721	2630	2545	2466	2391	2321	2255	2192	2077	1973	1879	1793
4.56	3511	3371	3291	3121	3010	2906	2809	2718	2633	2554	2478	2408	2341	2218	2107	2006	1915
4.88	3758	3607	3469	3340	3221	3110	3006	2909	2818	2733	2652	2577	2505	2373	2255	2147	2050
5.29	4073	3910	3760	3621	3491	3371	3259	3154	3055	2962	2875	2793	2716	2573	2444	2328	2222
5.38	4143	3977	3824	3682	3551	3428	3314	3207	3107	3013	2924	2841	2762	2616	2486	2367	2260
5.71	4397	4221	4058	3908	3769	3639	3517	3404	3298	3198	3104	3015	2931	2777	2638	2512	2398
6.17	4751	4561	4385	4223	4072	3932	3801	3678	3563	3455	3354	3258	3167	3001	2851	2715	2591
7.17	5521	5300	5096	4907	4732	4569	4417	4274	4141	4015	3897	3786	3681	3487	3313	3155	3011

How To Choose The Gear Ratio Based On Speed

When selecting a Gear Ratio, you need the following information:

1. Tire Size (diameter)
2. Final Transmission Ratio
3. Engine RPM at Cruise Speed

Formula to calculate Gear Ratio based on speed

$$\frac{\text{RPM X Tire Diameter}}{\text{MPH X 336}} = \text{Ratio}$$

Example: If you want to **Cruise** at 60 MPH at 2000 RPM and your **Tire Diameter** is 30", the **Gear Ratio** you need is a **3.00**

$$\frac{2000 \text{ RPM X } 30" \text{ Tire Dia.}}{60 \text{ MPH X } 336} = 3.00$$

Installation Instructions

All sets are matched pairs and identified by matching numbers on the ring gear and the pinion. Make sure you have a matched set.

Clean all parts before you start the assembly.

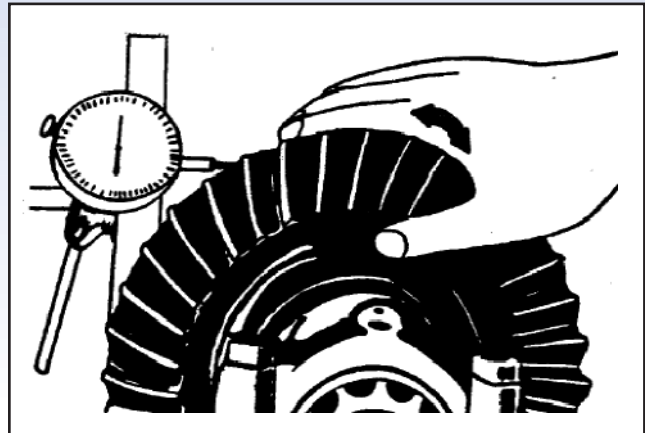
Examine all components and remove any burrs, nicks or sharp edges that could cause components not to seat properly.

CHECKING BACKLASH

It is suggested you set backlash to .008 – .010 inch (see illustration).

Backlash is the free movement of the ring gear with the pinion held fixed in place.

Correct backlash is obtained by shimming or adjusting the ring gear away from or closer to the pinion.



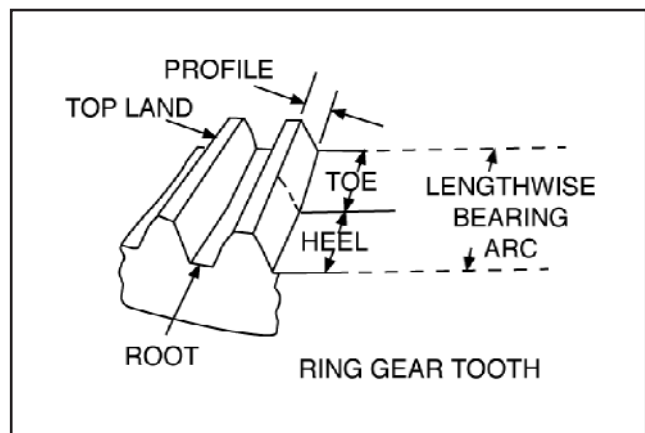
Pinion bearing preload should be approximately 15 in.-lbs. of rotating torque if you are reusing the bearings. If you are installing new bearings you should obtain 25 in.-lbs. of rotating torque. This is accomplished by a preload shim pack (of various thicknesses) or a crush sleeve. When final assembly is being made, you should use a new crush sleeve.

Correct pinion position is obtained by shimming the pinion in or out to obtain the correct tooth pattern. All housings are not shimmed in the same location, but shimming still moves the pinion in or out. For most housings, the shim is located between the pinion teeth and the pinion head bearing. It is suggested that you start with the same shim thickness on the new gear set that was used on the old gear set.

OBTAINING PROPER GEAR PATTERN

Paint the ring gear teeth with a marking compound on both the Drive and Coast side. Richmond part #55-0001-1.

Rotate ring gear several revolutions in both directions while resistance is being applied to the pinion to imprint the pattern on the gear teeth.



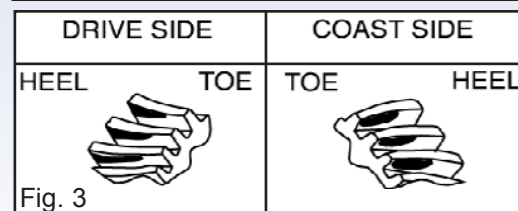
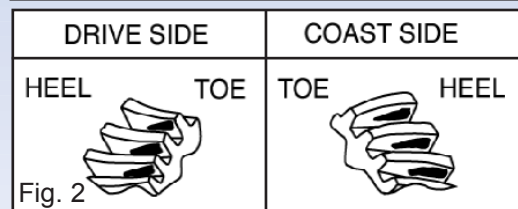
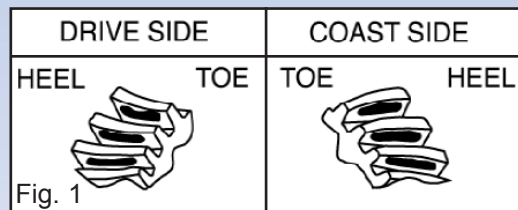
Installation Instructions

PATTERN INTERPRETATION (RING GEAR)

Figure 1: Pinion is normal or has desirable pattern. The **Drive** pattern should be centered on the tooth or slightly toward the toe. The **Coast** pattern should be centered on the tooth, but may be slightly toward the toe. There should be some clearance between the pattern and the top of the tooth.

Figure 2: Pinion is **too deep**. Move pinion away from gear centerline.

Figure 3: Pinion is too shallow. Move pinion toward centerline of gear.



PATTERN MOVEMENTS SUMMARIZED

1. **Decreasing** backlash moves the ring gear closer to the pinion.
2. **Increasing** backlash moves the ring gear away from the pinion.
3. Deep pinion position, with correct backlash, moves the pinion closer to the ring gear. **Drive Pattern** moves deeper on the tooth (flank contact) and slightly toward the toe. **Coast pattern** moves deeper on the tooth and toward the heel.
4. Shallow pinion position, with correct backlash, moves the pinion further from the ring gear. **Drive pattern** moves toward the top of the tooth (face contact) and toward the heel. **Coast pattern** moves toward the top of the tooth and slightly toward the toe.

FASTENER TORQUE SPECIFICATIONS

- Ring Gear Bolts
 - 3/8" All 45-50 ft-lb
 - 7/16" All 60-65 ft-lb
 - 1/2" All 100-110 ft-lb
- Carrier Cap Bolts
 - 7/16" (5/8" head) 60-65 ft-lb
 - 1/2" (3/4" head) 80-85 ft-lb

LUBE

Fill gear case with sufficient amount of Richmond Gear Lube (part # LUBE), and maintain the proper level at all times. Proper maintenance is a must to protect your safety and working life of your gear set. NOTE: For oval track racing, add 2 to 3 additional pints gear lube.

BREAK IN PROCEDURE

All ring and pinion sets require a brief break-in period to ensure long life and quiet operation. The following break-in procedure is recommended before heavy load and constant usage.

1. Bring axle to normal operating temperature by driving vehicle for approximately 15 to 20 miles. Do not create any shock loads. Do not tow or carry a load with the vehicle.
2. Let the axle assembly cool completely. Do this 2 –3 times.
3. For the next 200 miles of operation, drive gently, without any heavy loads.
4. For trailer towing, an additional cycle of 15 to 20 miles break-in is required with the trailer after step #3. This is important! To properly break in a new gear set, 200-300 miles of normal driving is recommended before constant towing.

IF THIS PROCEDURE IS NOT FOLLOWED, OVERHEATING AND EVENTUAL GEAR AND/OR BEARING FAILURE MAY RESULT.

MODEL

YEAR

Cars, various passenger	73-97
B100, B150, B200, B250	69-Present
B, D, W100	66-97
B, D, W200	66-97
B, D, W300	66-97
Aspen, Volare	76-80
Barracuda, Challenger	70-74
Charger, Coronet	73-76
Chrysler 300	72-79
Cordoba	75-83
Dakota	82-Present
Dart	72-76
Diplomat, LeBaron	77-83
Fifth Avenue, New Yorker	72-88
Imperial	81-83
Fury	70-81
Mirada, Magnum	78-83
Newport	72-73
Polara, Satellite	70-74
St. Regis	79-81
W100, W150	86-Present

RATIO

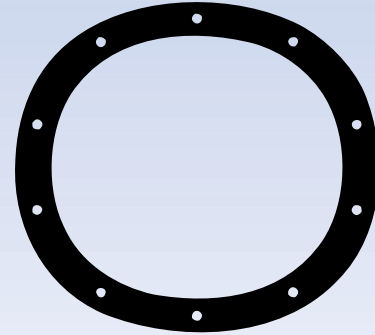
PART NO.

TEETH

3.55	CR825355	39-11
4.10*	CR825410*	41-10

Fits 2.73 ratio and numerically higher carrier.

* Cross shaft pin 80-0278-1 required.



- 11-3/8"
- Oval Cover 10 Holes
- 10 Bolt
- 8.250" Diameter Ring Gear
- 1.626" Diameter Pinion
- 27 Splines

INSTALLATION KIT/HALF KIT

PART NO.

Consult Factory

For Maximum Protection
and Performance use
Part # LUBE

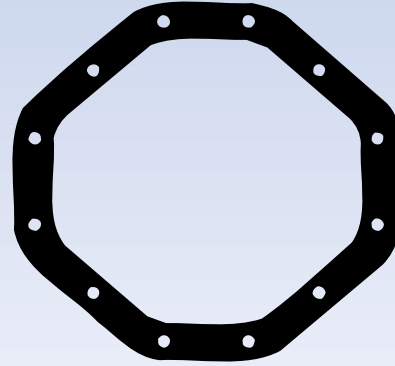


RICHMOND GEAR
Synthetic Gear Oil

MODEL

YEAR

Cordoba	75-79
Dakota V-8	98-02
Durango	97-02
Fifth Avenue	73-81
Fury	73-81
Imperial	74-75
Newport	73-81
New Yorker	73-81
Charger	74-76
Monaco	75-85
Polara	70-74
Ram	82-03
Ramcharger	74-96
Trailduster	74-90
B350	84-Present
D200 (Rear)	66-98
D300, D350	74-Present
W100, W150	74-Present
W200, W250	74-Present



- Irregular Cover
- 12 Holes
- 12 Bolt
- 9.25" Diameter Ring Gear
- 1.877" Diameter Pinion
- 29 Splines

RATIO

PART NO.

TEETH

4.10	CR925410	41-10
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INSTALLATION KIT/HALF KIT

PART NO.

- 83-1041-1
- 83-1041-M
- 83-1041-B Half-Kit

For Maximum Protection
and Performance use
Part # LUBE



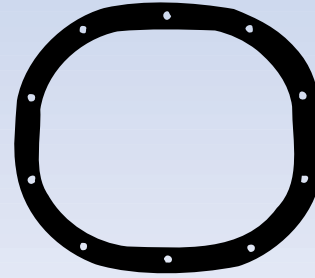
RICHMOND GEAR
Synthetic Gear Oil

MAKE**YEAR**

Bobcat	75-80
Comet	63-71
Cougar	67-79
Fairlane	64-74
Fairmont	75-79
Falcon	64-70
Granada	75-79
Maverick	71-78
Monarch	74-80
Mustang	64-78
Pinto	74-80
Torino	71-74
Zephyr	78

RATIO**PART NO.****TEETH**

3.00	F8355	39-13
3.80	F8380	38-10



- 11"
- Oval Housing
- 10 Holes
- 10 Bolt
- 8" Diameter Ring Gear
- 1.188" Diameter Pinion
- 25 Splines

INSTALLATION KIT/HALF KIT**PART NO.**

83-1015-1	
83-1015-B	Half-Kit

For Maximum Protection
and Performance use
Part # LUBE



RICHMOND GEAR
Synthetic Gear Oil

MODEL	YEAR
Aerostar	89-97
Bronco	84-91
Capri V8	86
Cougar	88-97
E150	87-Present
Explorer	90 1/2-Present
Expedition except 5.4L	97-02
F-100	81-02
F-150	81-02
F-150 except 5.4L	98
F-150 (Rear)	87-98
F-250	83-84
F-250 (Rear)	87-97
Ford Full Size	86-Present
Mercury Full Size	82-Present
Mercury Marauder	3-Feb
Mustang V8	86-Present
Thunderbird	87-97
Ranger w/4.0L	90 1/2-Present

RATIO	PART NO.	TEETH
3.55	F88355	39-11
3.73	F88373	41-11
3.89	F88389	35-9
4.10	F88410	41-10
4.56	F88456*	41-9

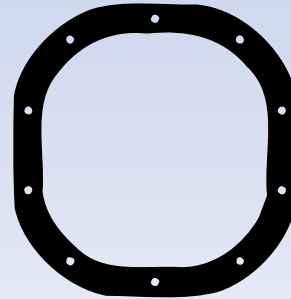
* Special Cross Pin 80 0273 1 required. This will not fit 1987 to 97 Truck. Pin to fit 87 97 Truck 80 0279 1.

For Maximum Protection and Performance use
Part # LUBE



RICHMOND GEAR
Synthetic Gear Oil

NOTE: All spools require
C-clip eliminator kit



- 10-9/16" x 10-3/16"
- Oval Cover
- 10 Holes
- 8.8" Diameter Ring Gear
- 1.626" Diameter Pinion
- 30 Splines

INSTALLATION KIT/HALF KIT

PART NO.	
83-1043-1	
83-1043-M	
83-1043-B	Half-Kit

SPOOLS

PART NO.	SPLINE	CARRIER
81-8831-1	31	
81-8833-1	33	
81-8835-1	35	

SPOOL BEARING KIT

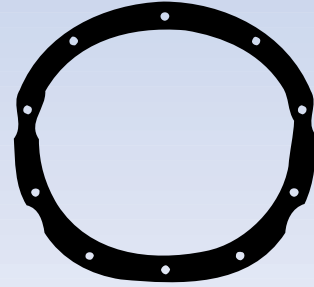
PART NO.
29-0005-1

MINI-SPOOLS

PART NO.	SPLINE
78-8828-1	Early 28
78-8831-1	Late 31
Cross Shaft Pin	
CSPF88E	
CSPF88L	

MODEL	YEAR
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All Light Trucks	57-87
Bronco	67-86
Comet	63-72
Cougar	65-73
F-100, F-150	57-86
E-100, E-150	57-86
E-200	68-74
Ford Full Size	57-78
Fairlane	62-73
Granada	75-80
LTD II	71-79
Monarch	75-80
Montego	68-76
Mustang	65-73
Torino	71-70
Versailles	77-80



- 11-3/4"
- Oval Housing
- 10 Holes
- 10 Bolt
- 9.00" Diameter Ring Gear
- 1.313" Diameter Pinion
- 28 Splines

SPOOLS - STEEL

RATIO	PART NO.	TEETH	PART NO.	SPLINE	BORE SIZE	PRESSURE ANGLE
3.50	F9350	35-10	81-0928-1	28	2.891/3.062 case	45
3.55	F9355	39-11	81-0931-1	31	2.891/3.062 case	45
3.70	F9370	37-10	81-0933-1	33	2.891/3.062 case	45
3.89	F9389	35-9	81-0935-3	35	3.250 case	30
4.11	F9411	37-9	81-0935x-1	35	2.891/3.062 case	30
4.33	F9433	39-9				
4.56	F9456	41-9				
4.71	F9471	33-7				
4.86	F9486	34-7				
5.00	F9500	30-6				
5.14	F9514	36-7				
5.29	F9529	37-7				
5.43	F9543	38-7				
5.67	F9567	34-6				
5.83	F9583	35-6				
6.00	F9600	30-5				
6.20	F9620	31-5				
6.33	F9633	38-6				
6.50	F9650	39-6				

INSTALLATION KIT/HALF KIT

PART NO.	CARRIER BRG.
83-1011-1	2.891
83-1013-1	3.062
83-1003-1	3.062 - HRW
83-1005-1	3.250 - HRW
83-1007-1	31 Spline Trk. Lck./3.062
83-1009-1	28 Spline Trk. Lck./2.891
83-1011-B	Half-Kit

MINI-SPOOLS

PART NO.	SPLINE
78-0928-1	28
78-0931-1	31
Cross Shaft Pin CSPF9	

SPOOL BEARING KIT

PART NO.	CASE
29-0002-1	2.891
29-0004-1	3.062
29-0003-1	3.250
29-0011-1	3.812

For Maximum Protection
and Performance use
Part # LUBE



RICHMOND GEAR
Synthetic Gear Oil

MODEL

YEAR

All GM Models	77-02
Astro & Safari	82-Present
Bravada	91-Present
Buick Full Size	77-85
Camaro	82-02
Century	78-81
Chevy Full Size Car	77-96
Cutlass	78-87
El Camino	77-87
Firebird, Trans-Am, Z28	82-02
Grand Prix	78-87
Monte Carlo	78-87
Olds Full Size	77-89
Omega	75-79
Pontiac Full Size	77-89
Phoenix	78-81
Regal	78-87
Skylark	76-79
S10, S15 (Rear)	82-Present
Ventura	78-81
Isuzu Rodeo	89-93

Will not fit Monza, etc.

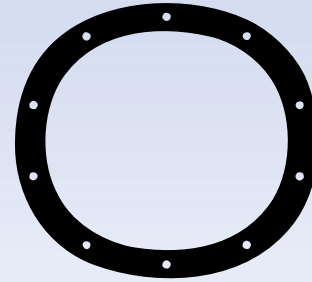
RATIO PART NO. TEETH CARRIER

3.42	GM75342OE	41-12	3
3.42	GM75342TK	41-12	2
3.73	GM75373OE	41-11	3
3.73	GM75373TK	41-11	2
▲ 4.10	GM75410OE	41-10	3
▲ 4.10	GM75410TK	41-10	2
▲ 4.56	GM75456	41-9	3*

For Maximum Protection
and Performance use
Part # LUBE



RICHMOND GEAR
Synthetic Gear Oil



- 8-5/16" x 10-9/16"
- Oval Cover
- 10 Holes
- 10 Bolt
- 7.5" & 7.625" Diameter Ring Gear
- 1.438" Diameter Pinion
- 27 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1016-1	77-81
83-1044-1	82-98
83-1016-M	77-81
83-1044-M	82-98
83-1044-B	Half Kit

MINI-SPOOLS

PART NO.

SPLINE

● 78-7526-1	26
● Cross Shaft Pin	CSPGM75

- Will not fit 7.625 carrier

* Special Cross Pin 80-0270-1 required.

2 Fits 3.08 and numerically lower carrier.

3 Fits 3.23 and numerically higher carrier.

▲ Will not fit on Torsen differential.

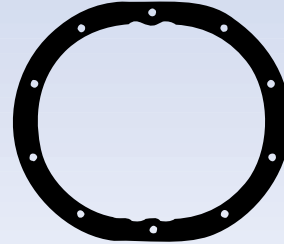
• For use in factory carrier only. Not for Mini Spool or Torsen differential.

MAKE**YEAR**Chevrolet
Corvette55-64
55-62**RATIO****PART NO.****TEETH**

3.73

GM82373E*

41-11

** Fits 3.08 to 3.70 carrier.****Fits 4.11 to 4.56 carrier.*

- 11-5/16"
- Oval Housing
- 10 Holes
- 10 Bolt
- 8.20" Diameter Ring Gear
- 1.438" Diameter Pinion
- 17 Splines

For Maximum Protection
and Performance use
Part # LUBE

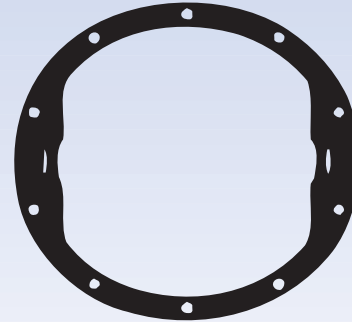


RICHMOND GEAR
Synthetic Gear Oil

MAKE	YEAR
Camaro	67-71
Caprice	65-71
El Camino	64-71
Impala	65-72
Monte Carlo	70-72
Nova, Chevy II, Chevelle	64-72
Sprint	71-72

RATIO	PART NO.	TEETH
3.73	GM82C373	41-11
4.11	GM82411	37-9

*Fits 3.08 + carrier.
Use Crush Sleeve from GM 7-1/2 - 10B or 8.2 - 10B Pontiac*



- 11"
- Oval Cover
- 10 Holes
- 10 Bolt
- 8.20" Diameter Ring Gear
- 1.438" Diameter Pinion
- 25 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1022-1	
83-1022-M	
83-1022-B	Half Kit

MINI-SPOOLS

PART NO.

SPLINE

78-8228-1	28
Cross Shaft Pin	
CSPGM82	

For Maximum Protection
and Performance use
Part # LUBE

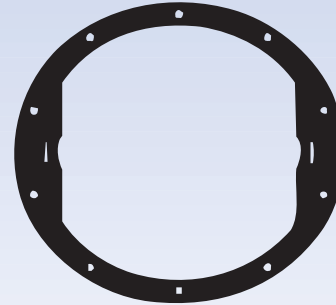


RICHMOND GEAR
Synthetic Gear Oil

MAKE

YEAR

Buick Full Size	77-96
Blazer (K Series Front)	77-91
Apollo, Regal, Century	73-77
Biscayne	71-74
Grand National	84-87
Skylark, GS	71-75, 77-79
Chevelle	70-76
Chevy Full Size	71-96
Chevy II, Nova	70-79
Camaro, Firebird, TA	71-81
Cutlass	71-77
Electra	76-78
Gran Sport	73-77
GTO, Firebird	70-81
LeSabre	73-74
Olds Full Size	71-89
Olds, Hurst	85-88
Pontiac Full Size	71-89
Hurst Olds	85-88
Omega	73-75, 77-79
Grand Prix, Lemans	71-77
Roadmaster	71-74, 91-96
Ventura, Phoenix	71-77
Z28	72-81
Olds F-65	70-76
C10, C15 (Rear)	80-02
K10, K15 (Rear)	80-02
K10, K20 (Front)	77-87
Suburban (Rear)	80-96
Suburban (Front)	77-91
El Camino	73-76
G10, G20 Van	70-96



- 11"
- Oval Cover
- 10 Holes
- 8.50" & 8.625" Diameter Ring Gear
- 1.626" Diameter Pinion
- 30 Splines

RATIO

PART NO.

TEETH

3.08	GM85308	40-13
3.42	GM85342	41-12
3.73	GM85373	41-11
4.10	GM85410	41-10
4.56	GM85456	41-9

SPOOL BEARING KIT

PART NO.

29-0013-1 (28 Spline)
29-0006-1 (30 Spline)

SPOOLS

PART NO. SPLINE

81-1028-1 28
81-1030-1 30

INSTALLATION KIT/HALF KIT

PART NO.

83-1021-1 (Car & Truck rear)
(Truck rear thru 1998)
83-1020-1 (Front)
83-1021-M (Car Only)
83-1021-TE (Truck 73-87)
83-1020-B Half Kit
83-1021-B Half Kit

• Does not fit 8.6 carrier.

MINI-SPOOLS

PART NO.

SPLINE

78-1028-1 28
Cross Shaft Pin
CSPGM85

NOTE: All spools require
C-clip eliminator kit

For Maximum Protection
and Performance use
Part # LUBE



RICHMOND GEAR
Synthetic Gear Oil

* Cross Pin 80-0272-1 required.
When replacing a stock 2.56 and numerically lower, the carrier
must be replaced with a carrier of 2.73 or higher.

MAKE

YEAR

Blazer	64-82
C10	64-82
C15	64-82
K10 (Rear)	64-82
K20 (Rear)	64-82
G10, G15	64-81
G20, G25	69-81

RATIO PART NO. TEETH CARRIER

3.08	12BT308	40-13	3
3.42	12BT342	41-12	3
3.73	12BT373T	41-11	3
3.73	12BT373	41-11	4
4.10	12BT410	41-10	4
4.10	12BT410T	41-10	3
4.56	12BT456	41-9	4
4.56	12BT456T	41-9	3

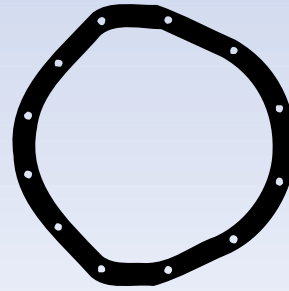
When installing 5.13 and 5.38 ratio sets, differential cross shaft #80-0269-1 must be used.

Note: For use with factory carrier only. Not for use with Mini-Spool

3 - Fits 3.40 ratio and numerically lower carrier.

4 - Fits 3.73 ratio and numerically higher carrier.

Will not fit 2.56 & 2.73 carrier on 80-83 Truck and Blazer



- 11-1/2"
- Irregular 12 Holes
- Truck 12 Bolt Cover
- 8.875" Diameter Ring Gear
- 1.438" Diameter Pinion
- 30 Splines

INSTALLATION KIT/HALF KIT

PART NO.

83-1018-1	
83-1018-M	
83-1018-B	Half Kit

SPOOLS

PART NO. SPLINE CARRIER

81-1230T-1	30	4
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SPOOL BEARING KIT

PART NO.

29-0005-1

MINI-SPOOLS

PART NO. SPLINE

78-1230-1	30
Cross Shaft Pin	
CSPGM2	

NOTE: All spools require C-clip eliminator kit

For Maximum Protection and Performance use Part # LUBE



RICHMOND GEAR Synthetic Gear Oil

MAKE

YEAR

Chevrolet	64-72
Chevy II	64-72
Chevelle	64-72
Camaro	67-72
El Camino	65-72
Firebird	67-72
Grand Prix	70-72
GTO, Lemans	65-72
Monte Carlo	70-72
Nova	70-72
Olds F85	68-70

RATIO PART NO. TEETH CARRIER

3.42	12BC342	41-12	3
3.55	12BC355	39-11	3
3.73	12BC373	41-11	4
3.73	12BC373T	41-11	3
4.10	12BC410	41-10	4
4.10	12BC410T	41-10	3
4.56	12BC456	41-9	4

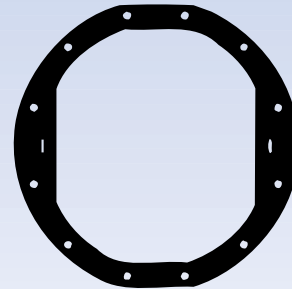
3 - Fits 3.07 to 3.73 ratio carrier.

4 - Fits 3.90 ratio and numerically higher carrier.

For Maximum Protection
and Performance use
Part # LUBE



RICHMOND GEAR
Synthetic Gear Oil



- 10-7/8"
- Oval Cover 12 Holes
- 8.875" Diameter Ring Gear
- 1.625" Diameter Pinion
- 30 Splines
- "C" Axle Only

INSTALLATION KIT/HALF KIT

PART NO.

83-1019-1	
83-1019-M	
83-1019-B	Half Kit

SPOOLS

PART NO. SPLINE CARRIER

81-1230-1	30
81-1233-1	33

SPOOL BEARING KIT

PART NO.

29-0005-1

MINI-SPOOLS

PART NO. SPLINE

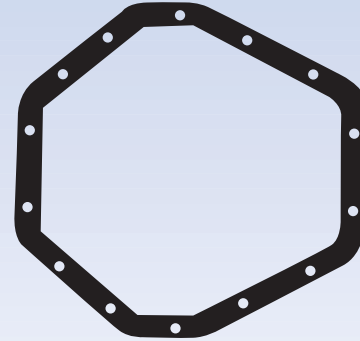
78-1230-1	30
Cross Shaft Pin CSPGM12	

NOTE: All spools require
C-clip eliminator kit

MODEL	YEAR
3/4 Ton - 1 Ton	1973 & Newer
G30, G35	1973 & Newer
C20, C25	1973-1996
C30, C35	1973 & Newer
K20, K25	1973 & Newer
K30, K35	1973 & Newer

RATIO	PART NO.	TEETH
*4.56	G105456	41-9

NOTES: Fits *4.56 and numerically higher



- 14 7/8" x 13"
- 10.5" Diameter Ring Gear
- 1.750: Diameter Pinion
- 12 9/16" x 18 RH Threaded Bolts
- 30 Splines

INSTALLATION KIT/HALF KIT**PART NO.**

Contact Factory

SPOOLS**PART NO. SPLINE CARRIER**

Contact Factory

SPOOL BEARING KIT**PART NO.**

Contact Factory

For Maximum Protection
and Performance use
Part # LUBE



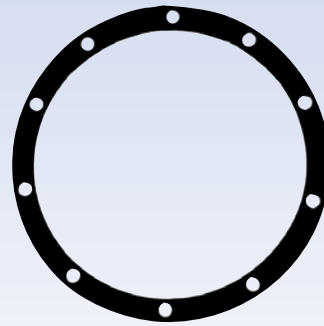
RICHMOND GEAR
Synthetic Gear Oil

MODEL YEAR

4x4 Light Truck (Front & Rear)	79-85
4 Runner (Front & Rear)	79-85
4x4 (Rear)	86-98
4 Cylinder w/out Turbo (Rear)	76-95
4 Runner w/out Turbo (Rear)	86-89

RATIO PART NO. TEETH

3.90	TY8410224	39-10
4.37	TY8437223	35-8



- 8-3/8" x 9-3/32"
- 10 Holes Round
- RG Diameter 7.8"
- 10 - 11mm x 1mm RH Threaded Bolts
- 1.3785" Diameter Pinion
- 10 Bolt 3rd Member
- 27 Splines

INSTALLATION KIT/HALF KIT**PART NO.**

83-1030-1

83-1030-B Half Kit

SPOOLS**PART NO. SPLINE**

81-T1030-1 30

SPOOL BEARING KIT**PART NO.**

29-0009-1

NOTE: All spools require
C-clip eliminator kit

For Maximum Protection
and Performance use
Part # LUBE



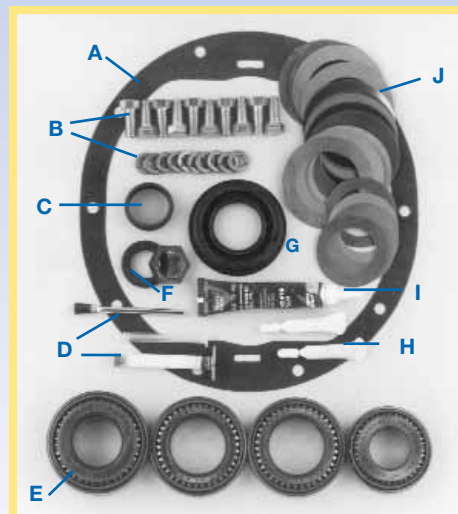
RICHMOND GEAR
Synthetic Gear Oil

Complete Kits

PRODUCT DESCRIPTION

PART NO.

Chrysler 8.75 Early	Complete Kit	83-1037-1
Chrysler 8.75 Late	Complete Kit	83-1031-1
Chrysler 9.25	Complete Kit	83-1041-1
Ford 7.5	Complete Kit	83-1045-1
Ford 8.8	Complete Kit	83-1043-1
9" Ford 28 Spl. Open	Complete Kit	83-1011-1
9" Ford HRW 3.062	Complete Kit	83-1003-1
9" Ford HRW 3.250	Complete Kit	83-1005-1
Ford 9" (3.062) 31 Spline	Complete Kit	83-1013-1
9" Ford Trac Lock 31 Spline	Complete Kit	83-1007-1
9" Ford Trac Lock 28 Spline	Complete Kit	83-1009-1
7.5 GM 77-81	Complete Kit	83-1016-1
7.5 GM 82-98	Complete Kit	83-1044-1
GM 8.2" Aftermarket	Complete Kit	83-1022-1
GM 8.5 Car	Complete Kit	83-1021-1
GM 8.5" Truck (Front)	Complete Kit	83-1020-1
GM "B/P"	Complete Kit	83-1040-1
Vette '63-'79	Complete Kit	83-1024-1
GM 12 Bolt Car	Complete Kit	83-1019-1
GM 12 Bolt Truck	Complete Kit	83-1018-1
Dana 44 30 Spline	Complete Kit	83-1033-1
Dana 60	Complete Kit	83-1034-1
8" Ford	Complete Kit	83-1015-1
Toyota 7.8	Complete Kit	83-1030-1
Toyota 7.5 IFS	Complete Kit	83-1039-1
Toyota V-6	Complete Kit	83-1046-1



- A. Cover gasket
- B. Ring gear bolts and washers
- C. Crush sleeve
- D. Marking compound and brush
- E. Pinion and carrier bearings
- F. Pinion nut and washer
- G. Pinion seal
- H. Thread locking compound
- I. Silicone sealer
- J. Pinion and carrier shims

NOTE: Richmond Gear Lube Part No. LUBE (quart)
 Richmond Gear Lube Part No. LUBE-CASE (12 qt. Bottles)
 Ring & Pinion Installation Video Part No. VIDEO

Richmond Kits use only TIMKEN Bearings

Mega Kits

PRODUCT DESCRIPTION

PART NO.

Ford 8.8	Mega Kit	83-1043-M
GM 7.5 10 Bolt Early	Mega Kit	83-1016-M
GM 7.5 10 Bolt Late	Mega Kit	83-1044-M
GM 8.5 10 Bolt Car Only	Mega Kit	83-1021-M
GM 8.5" 10 Bolt Truck 83-87	Mega Kit	83-1021-TE
GM 8.2 10 Bolt	Mega Kit	83-1022-M
GM 12 Bolt Car	Mega Kit	83-1019-M
GM 12 Bolt Truck	Mega Kit	83-1018-M
Chrysler 9.25	Mega Kit	83-1041-M

Richmond Mega Kits have the same quality parts as the regular installation kits but include Axle Seals and Axle Bearings for a Total Rear Rebuild.

NOTE: Richmond Gear Lube Part No. LUBE (quart)
 Richmond Gear Lube Part No. LUBE-CASE (12 qt. Bottles)
 Ring & Pinion Installation Video Part No. VIDEO



Richmond Kits use only TIMKEN Bearings

Half Kits

PRODUCT DESCRIPTION

PRODUCT DESCRIPTION		PART NO.
Chrysler 8.75 Early	Half Kit	83-1037-B
Chrysler 8.75 Late	Half Kit	83-1031-B
Chrysler 9.25	Half Kit	83-1041-B
8" Ford	Half Kit	83-1015-B
Ford 8.8	Half Kit	83-1043-B
Ford 9 Open	Half Kit	83-1011-B
GM 7.5"	Half Kit	83-1044-B
GM 8.2	Half Kit	83-1022-B
GM 8.5 Car	Half Kit	83-1021-B
GM 12 Bolt Car	Half Kit	83-1019-B
GM 8.5 Truck Front	Half Kit	83-1020-B
GM 12 Bolt Truck	Half Kit	83-1018-B
8.2 OEM	Half Kit	83-1023-B
Dana 60	Half Kit	83-1034-B
GM Corvette 63-79	Half Kit	83-1024-B
GM 8.2 B or P	Half Kit	83-1040-B
Ford 7.5	Half Kit	83-1045-B
Toyota 7.8	Half Kit	83-1030-B
Toyota 7.5 IFS	Half Kit	83-1039-B
Toyota V-6	Half Kit	83-1046-B



- A. Cover gasket
- B. Crush sleeve
- C. Pinion Sleeve
- D. Pinion Shims

Individual Components

PRODUCT DESCRIPTION

PRODUCT DESCRIPTION		PART NO.
Dana 60	Carrier Shims	38-0008-1
Ford 7.5, 8.8 - GM 8.5 -10B,12B "C"	Pinion Shims	16-0090-1
Ford 8.8 - GM 12B Tk. "C"	Carrier Shims	38-0007-1
Ford 7.5 - GM 7 1/2 - 8 1/2 - 8.2	Carrier Shims	38-0006-1
Solid Spacer 12 Bolt GM Car	Spacer	04-0012-1
Solid Spacer w/Shims 12 Bolt Car	Spacer/Shims	04-0012-S
Solid Spacer Late 8.75	Spacer	04-0013-1
Solid Spacer w/Shims 8.75	Spacer/Shims	04-0013-S
Solid Spacer 8.8/9" Ford	Spacer	04-0011-1
Solid Spacer w/Shims 9"	Spacer/Shims	04-0011-S
Ford 7.5", 8.8", 9"	Crush Sleeve	19-0002-1
GM 8.5"	Crush Sleeve	19-0004-1
Ford 9	Cover Gasket	14-0010-1
Sealant Kit	Kit	35-0007-1
Marking Compound	Compound	55-0001-1
Richmond Gear Lube	Quart	Lube
Richmond Gear Lube	Case	Lube-Case
Ring & Pinion Installation Video		Video
Shop Cord Reel (35')		Cord Reel
Shop Light		Shop Light



Full Spools

All Richmond Spools . . .

- Are CAD/CAM designed for lightest weight yet optimum strength
- Are CNC machined 4140 forged and are fully heat treated to aircraft specifications
- Have minimum run out to allow the optimum pattern for performance and life
- Are race proven on strip and track



REAR END TYPE	TYPE	MATL	DESCRIPTION	SPLINE	PART #	PRESSURE ANGLE
Ford 9"	Full	Steel		28	81-0928-1	45
Ford 9"	Full	Steel		31	81-0931-1	45
Ford 9"	Full	Steel		33	81-0933-1	45
Ford 9"	Full	Steel	3.250 case 30 PA	35	81-0935-3	30
Ford 9"	Full	Steel	2.891/3.062 case	35	81-0935X-1	30
Ford 8.8	Full	Steel	C-Clip elim reqd	31	81-8831-1	45
Ford 8.8	Full	Steel	C-Clip elim reqd	33	81-8833-1	45
GM 8.5 10 Bolt	Full	Steel	C-Clip elim reqd	28	81-1028-1	45
GM 8.5 10 Bolt	Full	Steel	C-Clip elim reqd	30	81-1030-1	45
GM 12 Bolt	Full	Steel	C-Clip elim reqd	30	81-1230-1	45
GM 12 Bolt	Full	Steel	C-Clip elim reqd	33	81-1233-1	45
GM 12 Bolt Trk 4 ser	Full	Steel	C-Clip elim reqd	30	81-1230T-1	45
Dana 44 3.92 up	Full	Steel		30	81-4430-1	30
Chry 8-3/4	Full	Steel		30	81-87530-1	30

NOTE: Pressure angle of spool must be the same as the angle of the axle splines.

Mini Spools

REAR END TYPE	TYPE	MATL	SPLINE	PART #
Ford 9"	Mini	Steel	28	78-0928-1
Ford 9"	Mini	Steel	31	78-0931-1
GM 8.5 10 Bolt	Mini	Steel	28	78-1028-1
GM 8.2 10 Bolt	Mini	Steel	28	78-8228-1
GM 12 Bolt Car	Mini	Steel	30	78-1230-1
Ford 8.8	Mini	Steel	28	78-8828-1
Ford 8.8	Mini	Steel	31	78-8831-1
GM 7.5	Mini	Steel	26	78-7526-1*
GM 7.5	Mini	Steel	28	78-7528-1**
Dana 44	Mini	Steel	30	78-4430-1



*NOTE: Mini-Spool 78-7526-1 fits 7.5" carrier with 26 Splines with inside carrier spacing of 2.680".
Mini-Spools will not fit 7.625" carriers.

**NOTE: For use with bolt-in 28 spline style axles only.

Cross Shaft Pins

REAR END TYPE	TYPE	MATL	SPLINE	PART #
Ford 9"	Mini	Steel	All	CSPF9
GM 8.5 10 Bolt	Mini	Steel	28	CSPGM85
GM 8.2 10 Bolt	Mini	Steel	28	CSPGM82
GM 12 Bolt Car	Mini	Steel	30	CSPGM12
Ford 8.8	Mini	Steel	28	CSPF88E
Ford 8.8	Mini	Steel	31	CSPF88L
GM 7.5	Mini	Steel	26	CSPGM75
Dana 44	Mini	Steel	30	CSPD44

These Cross Pins can be used only with Mini-Spools.



Spool Bearing Kits

REAR END TYPE	TYPE		PART #
Ford 9"	Full	2.891 case	29-0002-1
Ford 9"	Full	3.062 case	29-0004-1
Ford 9"	Full	3.250 case	29-0003-1
Ford 9"	Full	3.812 case	29-0011-1
Ford 8.8	Full		29-0005-1
GM 8.5, 10 Bolt	Full	(28 spline)	29-0013-1
GM 8.5, 10 Bolt	Full	(30 spline)	29-0006-1
GM 12 Bolt	Full		29-0005-1
Chry 8-3/4	Full		29-0010-1

Spool Bearing Kits come only with Bearings and Bearing Races.

Application Guide

"The Stealth Locker"



POWERTRAX[®]
No-Slip Traction System[™]

With the **Powertrax**[®] **No-Slip Traction System**, you can unleash your performance vehicle's maximum power or give your truck/SUV the ability to get you just about anywhere. Whether you want the added safety of high traction for everyday street use or extreme traction for the most demanding applications, the No-Slip advantage is just a simple upgrade away. **Precision synchronization control provides exceptionally smooth and quiet operation.** There are no friction clutches to wear out and no special lubricants required. Installs easily in about an hour with no special tools or setup needed. Easily converts your "open", limited-slip or locking differential for superior traction output.



"Rugged Applications"



**LOCK
RIGHT**[®]
POWERTRAX

Powertrax[®] **Lock-Right Lockers** are brute force devices for rugged truck applications. They provide the best value for greatly increasing the traction of 2-wheel drive and 4x4 trucks and Jeeps. Lock-Right is the first design not requiring complete replacement of the differential case assembly. Installation is simple because the ring and pinion setups are not altered. Installs easily in rear axle, front axle, or both front and rear. Best suited for extreme off-road to severe on-road use. Proven in the most demanding applications worldwide.



Model Listing

POWERTRAX[®]
No-Slip Traction System[™]



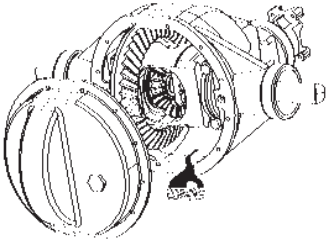
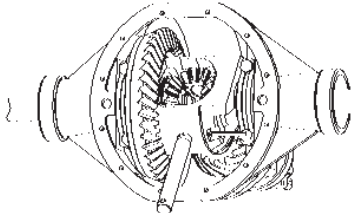
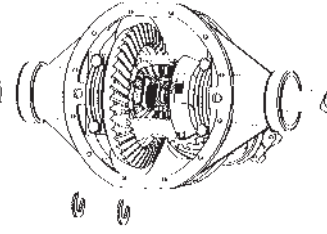
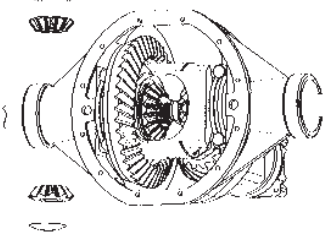
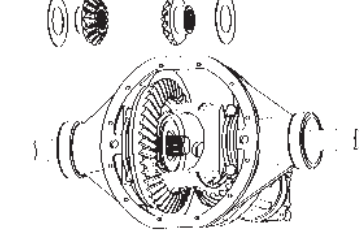
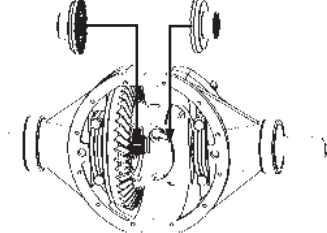

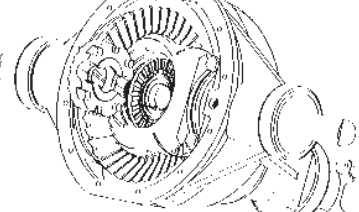
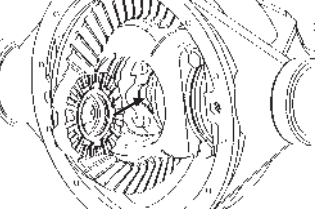
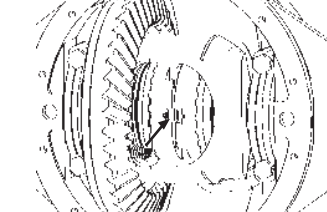
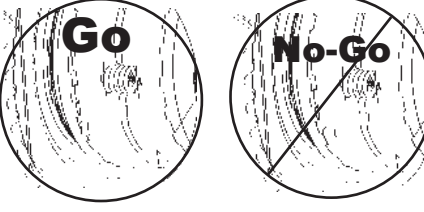
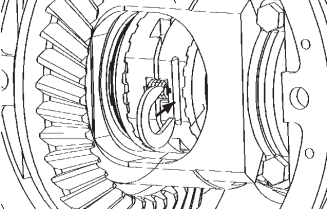

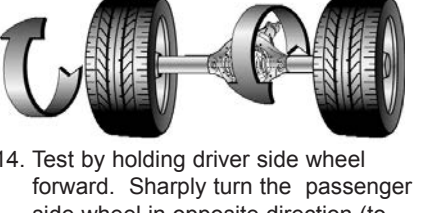

VEHICLE MANUFACTURER	RING GEAR	AXLE MODEL	SPLINE COUNT	DIFFERENTIAL TYPE	SPECIAL NOTES	NO-SLIP TRACTION SYSTEM	LOCK-RIGHT LOCKER
AMC	8.875"	AMC-20	29	Open		92-0120-2900	1710
AMC	8.875"	AMC-20	29	Trac Lok	Stock Axles	92-0120-2920	
CHRYSLER	8.25"		27	Open		92-0382-2705	1230
CHRYSLER	8.25"		27	Trac Lok		92-0382-2725	
CHRYSLER	8.25"		27	Sure-Grip		92-0382-2745	
CHRYSLER	8.25"		29	Open		92-0382-2905	
CHRYSLER	8.25"		29	Trac Lok		92-0382-2925	
CHRYSLER	8.75"		30	Open			1240
CHRYSLER	9.25"		31	Open		92-0392-3105	1220
CHRYSLER	9.25"		31	Trac Lok		92-0392-3125	
CHRYSLER	9.25"		31	Sure-Grip		92-0392-3145	
CHRYSLER				Powerwagon	WC, M		1210
DANA	7.75"	Model 25	10	Open			2110
DANA	7.2"	Model 27	10	Open			2115
DANA	6.625"	Model 28	23	Open			2116
DANA	7.2"	Model 30	27	Open		92-0430-2700	2210
DANA	7.565"	Model 35	27	Open	Non C-Clip (1.625)	92-0435-2700	2310
DANA	7.565"	Model 35	27	Open	IFS (1.625)	92-0435-2701	2310
DANA	7.565"	Model 35	27	Open	IFS & ABS (1.555)	92-0435-2702	2311
DANA	7.565"	Model 35	27	Open	C-Clip (1.625)	92-0435-2705	2310
DANA	7.565"	Model 35	27	Open	C-Clip & ABS (1.555)	92-0435-2706	2311
DANA	7.565"	Model 35	27	Trac Lok	C-Clip	92-0435-2725	
DANA	8.5"	Model 44	27	Open			
DANA	8.5"	Model 44	30	Open		92-0444-3000	2410
DANA	8.5"	Model 44	10	Open			2415
DANA	8.5"	Model 41	10	Open			2416
DANA	8.5"	Model 44	30	Open	IFS	92-0444-3001	2410
DANA	8.5"	Model 44	30	Trac Lok		92-0444-3020	
DANA	9.0"	Model 50	30	Open			2510
DANA	9.0"	Model 50	30	Open	IFS		2510
DANA	9.75"	Model 60	30	Open	Non C-Clip	92-0460-3000	2610
DANA	9.75"	Model 60	30	Open	C-Clip	92-0460-3005	2610
DANA	9.75"	Model 60	30	Trac Lok	Non C-Clip	92-0460-3020	
DANA	9.75"	Model 60	30	Trac Lok	C-Clip	92-0460-3025	
DANA	9.75"	Model 60	32	Open		92-0460-3200	
DANA	9.75"	Model 60	32	Trac Lok		92-0460-3220	
DANA	9.75"	Model 60	35	Open		92-0460-3500	2620
DANA	9.75"	Model 60	35	Trac Lok		92-0460-3520	
DANA	10.5"	Model 70	32	Open		92-0470-3200	2711
DANA	10.5"	Model 70	35	Open		92-0470-3500	2710
DANA	11.25"	Model 80	35	Open		92-0480-3500	2810
DANA	11.25"	Model 80	37	Open		92-0480-3700	2811
FORD	7.5"		28	Open			1830
FORD	8.0"		28	Open		92-0680-2800	1810
FORD	8.8"	3/4" shaft	28	Open		92-0688-2807	1820
FORD	8.8"	3/4" shaft	28	Trac Lok		92-0688-2827	
FORD	8.8"	3/4" shaft	31	Open		92-0688-3107	1821
FORD	8.8"	7/8" shaft	31	Open		92-0688-3108	1822
FORD	8.8"	3/4" shaft	31	Trac Lok		92-0688-3127	
FORD	8.8"	7/8" shaft	31	Trac Lok		92-0688-3128	
FORD	9"		28	Open		92-0690-2800	1810
FORD	9"		31	Open		92-0690-3100	1810
FORD	9"		35	Open		92-0690-3500	
FORD	10.25"		35	Open			1840
GM	7.2"		26	Open	IFS		1935
GM	7.5"	10 bolt	26	Open		92-0775-2605	1930
GM	7.625"	10 bolt	26	Open		92-0776-2605	1932
GM	7.625"	10 bolt	28	Open		92-0776-2805	1931
GM	7.625"	10 bolt	28	Gov Lok		92-0776-2885	
GM	8.2"	10 bolt	28	Open	B.O.P.	92-0782-2801	
GM	8.2"	10 bolt	28	Open		92-0782-2805	1940
GM	8.5"	10 bolt	28	Open		92-0785-2805	1920
GM	8.5"	10 bolt	30	Open		92-0785-3005	1921
GM	8.6"	10 bolt	30	Open		92-0786-3005	
GM	8.875"	12 bolt	30	Open		92-0788-3005	1910
GM	9.5"	14 bolt	33	Open		92-0795-3305	1950
GM	10.5"	14 bolt	30	Open		92-0705-3000	1955
NISSAN	9.1"	H233	31	Open			3220
SUZUKI	6.9"		26	Open	Samurai		1510 or 1530
SUZUKI		SJ-410		Open			1520
SUZUKI	6.9"		26	Open	Sidekick		1512 or 1532
TOYOTA	7.5"		27	Open			1611
TOYOTA	8"	2-pinion	30	Open	pre '95	92-2080-3001	1610
TOYOTA	8"	2-pinion	30	Open	Tacoma	92-2080-3002	1615
TOYOTA	8"	4-pinion	30	Open			1620
TOYOTA	8"	4-pinion	30	Open			1622
TOYOTA	8.875"	12 bolt	10	Open	Land Cruiser	92.2088.1005	1631
TOYOTA	8.875"	12 bolt	10	Open			1631
TOYOTA	8.875"	12 bolt	30	Open	L.C. Front	92-2088-3001	
TOYOTA	8.875"	12 bolt	30	Open	Land Cruiser	92-2088-3005	1630

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RICHMOND GEAR
Synthetic Gear Oil

Application Guide

 <p>1. Remove cover and drain oil.</p>	 <p>2. Remove cross-shaft.</p>	 <p>3. Push axles in and remove C-clips.</p>
 <p>4. Rotate wheel to remove spider gears.</p>	 <p>5. Remove side gears, and for limited-slip differentials, remove friction plates.</p>	 <p>6. Install couplers, ring gear side first. Install C-clip on ring gear side only.</p>
 <p>7. Insert springs between drivers, on both sides</p>	 <p>8. Insert spacer in driver and seal together on ring gear side coupler</p>	 <p>9. Insert driver and spacer on opposite side coupler.</p>
 <p>10. Insert springs between drivers, on both sides.</p>	 <p>11. Check gap between drivers using check block provided.</p>	 <p>12. Push in axle and insert second C-clip thru slot in driver/spacer.</p>
 <p>13. Install cross-shaft. Twist and push to get past saddle springs.</p>	 <p>14. Test by holding driver side wheel forward. Sharply turn the passenger side wheel in opposite direction (to disengage the unit). Passenger wheel should rotate freely.</p>	 <p>15. Apply sealant to cover and reinstall. Add differential oil.</p>

Application Guide

IMPORTANT FRONT AXLE APPLICATION INFORMATION

The Powertrax[®] No-Slip Traction System and Lock-Right Locker works well on the front axle of 4-wheel drive vehicles provided a couple of important guidelines are followed. The Powertrax[®] No-Slip Traction System should be used only on vehicles equipped with locking hubs on the front axle or with front axle disconnect. In addition, the vehicle must not be equipped with full time 4 wheel drive. Vehicles equipped with a Powertrax[®] No-Slip Traction System on the front axle should not be operated on the highway with the front hubs locked and 4-wheel drive engaged. Following these guidelines will ensure very on-road driveability while still providing maximum off-road traction.

FREQUENTLY ASKED QUESTIONS

What is a traction-adding differential?

A traction-adding differential provides engine power to the wheels with the most amount of traction. A stock/open differential provides engine power to the wheels with the least amount of resistance or the wheels with the least amount of traction.

Why do I need a Powertrax[®] traction-adding differential?

Powertrax[®] traction adding differentials can enhance the performance of your vehicle in many ways. The No-Slip Traction System and Lock-Right Locker will provide your light truck, sport utility, van, or performance car with maximum traction when you need it most. Whether you need the added traction for safety, recreation, work, or piece of mind, the Powertrax line of traction-adding differentials is what you need.

What is the difference between the No-Slip Traction System and the Lock-Right Locker?

While both products offer maximum traction, full wheel differentiation, and easy installation, each product has features and benefits that meet the needs of different customers. The No-Slip Traction System uses SynTRAC technology and is the latest design in traction adding differentials. It provides the maximum traction of a locking differential combined with the smooth and quiet operation of a limited-slip device. The Lock-Right Locker is our original product line that offers extreme value in a traction-adding differential. The Lock-Right provides maximum traction, but a light clicking noise can be heard when turning as the Lock-Right gears allow for wheel differentiation. On some vehicles the engine noise will overcome the clicking noise.

Can I install a Powertrax No-Slip Traction System or Lock-Right Locker myself?

In most vehicles, the Powertrax No-Slip Traction System and Lock-Right Locker can be installed by the home mechanic in just a few hours. Detailed instructions that are model specific are provided.

What special tools and/or oils are required during installation?

The No-Slip Traction System and Lock-Right Locker do not require special tools or oils for installation. In most cases, a wrench and screwdriver are all you need. No special oil additives are required because the units are all gear (no frictional clutches).

What kind of maintenance is required once a No-Slip Traction System or Lock-Right Locker is installed in my vehicle?

We recommend you change the differential oil according to your vehicle manufacturer's specifications.

Is a model offered for my vehicle?

We offer applications for a wide range of domestic and import vehicles. Please see our No-Slip Traction System application chart or our Lock-Right Locker application chart.

(Continued on next page)

Application Guide

Can I install a Powertrax[®] product in the front and rear of my 4 WD?

In most cases where an application is available, the answer is yes. However, we do not recommend installing a unit in the front differential if the vehicle has a full time 4 WD and is primarily used on the pavement.

Is the No-Slip Traction System just for trucks/SUV's, or can it be installed in a car?

Installing a No-Slip Traction System in your performance street rod will give you spool performance when coming off the line, combined with full wheel differentiation when turning. Imagine two wheels gripping the pavement instead of one spinning effortlessly.

Do I need a stock/open differential case to install a Powertrax[®] product?

The No-Slip Traction System can be installed in a wide range of stock/open and limited-slip differential cases. For specific applications, please see our application chart or contact us via. phone or e-mail. The Lock-Right Locker can only be installed in stock/open differential cases.

How does a No-Slip Traction System or Lock-Right Locker affect the towing of my trailer?

The No-Slip Traction System or Lock-Right Locker will have no affect on the towing of your trailer on the road other than you will have more traction when you need it.

Can I tow my vehicle if it has a No-Slip Traction System or Lock-Right Locker installed?

Yes. If the unit is installed in the rear differential, the No-Slip Traction System or Lock-Right Locker will simply provide full wheel differentiation when turning. If the unit is installed in the front differential, we recommend unlocking the front wheel hubs and putting the transfer case in 2WD.

Does tire wear increase with a No-Slip Traction System or Lock-Right Locker installed?

No. The No-Slip Traction System and Lock-Right Locker provide full wheel differentiation when turning. Tire wear is minimized.

Will there be a decrease in gas mileage with the No-Slip Traction System or Lock-Right Locker installed in my vehicle?

No. The No-Slip Traction System and Lock-Right Locker will not have an effect on your "on the road" gas mileage. Off road, you could actually increase your mileage because it will take less effort to get through the loose traction conditions. With a standard open differential you will have to apply more power and get more wheel spin-up, thus using more gas.

What is the price of the No-Slip Traction System and Lock-Right Locker?

Please contact a local distributor or call us for a distributor near you. All our distributors offer competitive pricing.

Do you have applications for front wheel drive cars at this time?

Powertrax[®] does not offer applications for front wheel drive passenger cars at this time.

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Part # LUBE



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