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Winners Run RICHMOND!

Performance Products



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



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SPORTSMAN



Ring And Pinion Sets



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

SECTION 3

PAGE 110

POWERTRAX®

EXTREME TRACTION SYSTEMS



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

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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.



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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

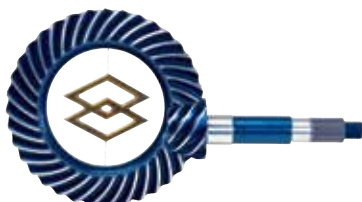
Chrysler/Dodge H226

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

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

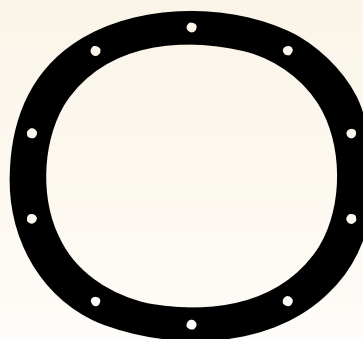
INSTALLATION KIT

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



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

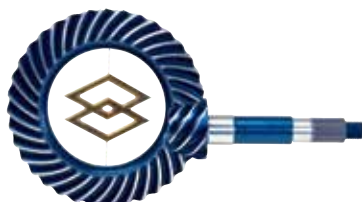
PART NO. SPLINE CARRIER

Consult Factory

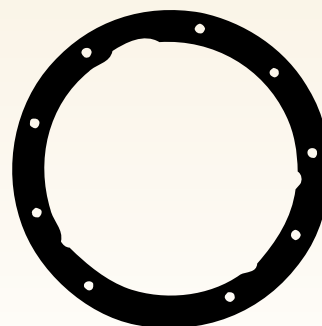
SPOOL BEARING KIT

PART NO.

Consult Factory



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

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

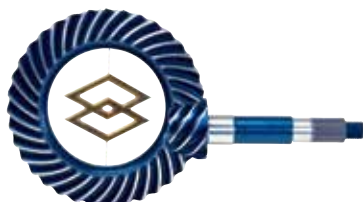
RATIO	PART NO.	TEETH
3.91	69-0375-1	43-11
4.10	69-0045-1	41-10
4.30	69-0046-1	43-10
4.57	69-0047-1	32-7
4.86	69-0048-1	34-7
5.13	69-0145-1	41-8

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

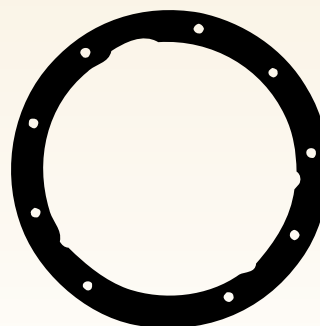


RICHMOND GEAR Synthetic
Gear Oil

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



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

* 29 spline pinion - use with any 8.75" model 29 spline yoke.

** Pro Series - Drag Use Only

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

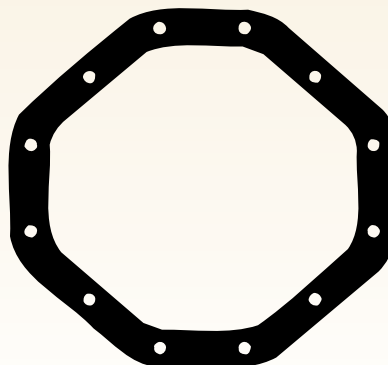
For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil



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

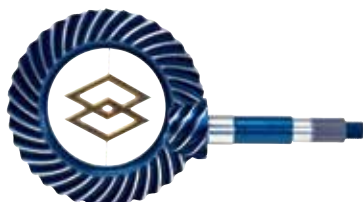
PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory





Winners Run RICHMOND!

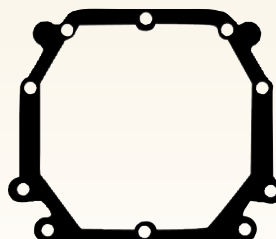
Ring and Pinion Sets

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

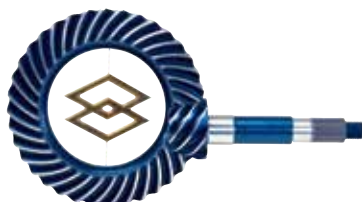
PART NO.

Contact Factory

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



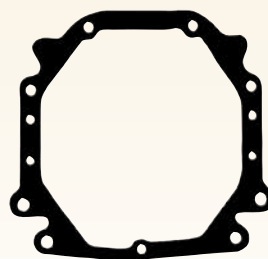
RICHMOND GEAR Synthetic
Gear Oil



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)



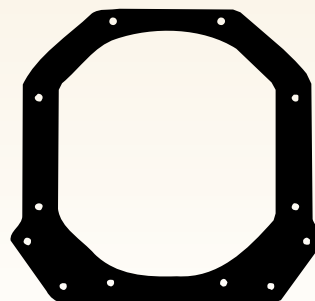
RICHMOND GEAR Synthetic
Gear Oil



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

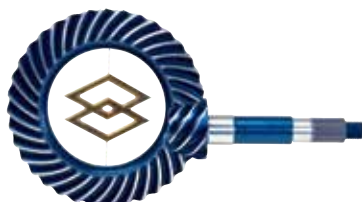
PART NO.

Contact Factory

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



RICHMOND GEAR Synthetic
Gear Oil



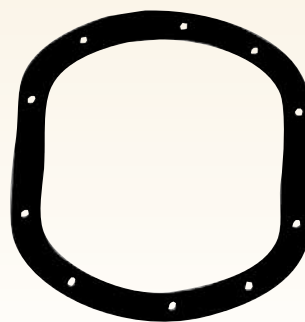
MODEL	YEAR
American Motors	
Eagle (Front)	80-88
Ford	
Aerostar (Rear)	86-91
Bronco (Front)	67-71
International	
Scout (Front)	68-77
Jeep	
CJ (Front)	71-86
Jeepster (Front)	72-73
Wrangler TJ	97-06**
Wagoneer (Front)	71-73
ZJ	
Grande Cherokee (Front)	92-96
Grande Cherokee (Front)	96-98**
(92-96 ZJ - must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

*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

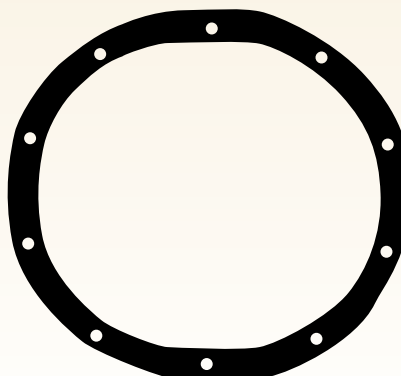
SPOOL BEARING KIT

PART NO.

Contact Factory



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



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

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 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

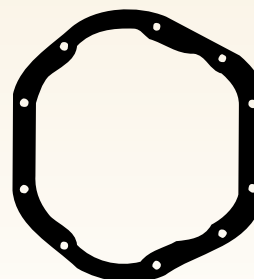


MODEL	YEAR
Dodge	
Ramcharger Trailduster	74-93
W100, W150 (Front), Ram 1500	
69-02	
W200, W250 (Front), Ram 2500	
69-02	
W300, W350 (Front)	69-74
Ford	
Bronco & U100 (Front)	70-77
Cobra	63-67
4x4 F100, F150 (Rear)	62-69,
77-79	
4x2 F100, F150 (Rear)	59-68,
77-79	
F250	67-77
Thunderbird (Rear)	55-56
GM	
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

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



- 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

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

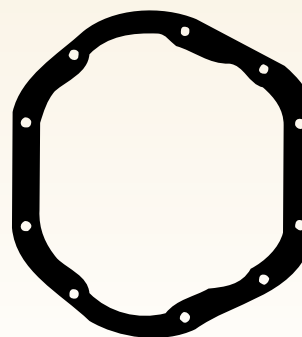


RATIO	PART NO.	CARRIER	TEETH
3.54R	SD44R02*	2	39-11
3.73R	SD44R03*	2	41-11
4.10R	SD44R04*	3	41-10
4.56R	SD44R05*	3	41-9
4.88R	SD44R06*	3	39-8
5.13R	SD44R07*	3	41-8
5.38R	SD44R08*	3	43-8

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

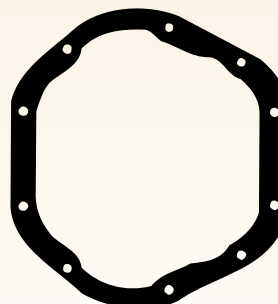
For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil



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

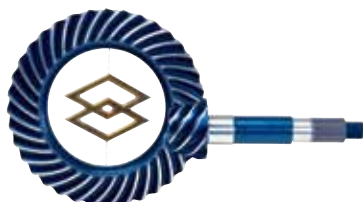
83-1034-B Half-Kit

*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.*



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



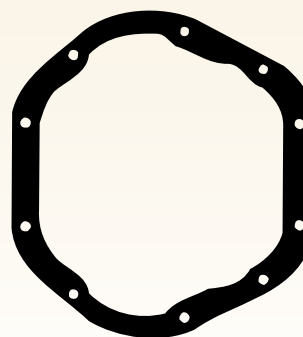
RATIO	PART NO.	TEETH
4.10R	SD60R03*	41-10
4.56R	SD60R04*	41-9
4.88R	SD60R05*	39-8

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

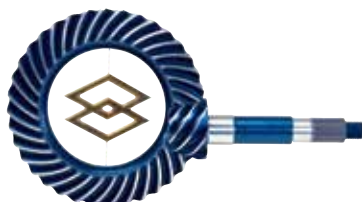
PART NO.

Contact Factory

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



RICHMOND GEAR Synthetic Gear Oil



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

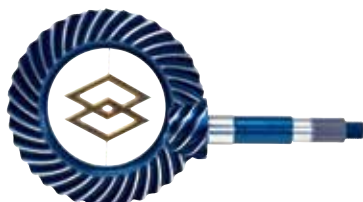
PART NO.

Contact Factory

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



RICHMOND GEAR Synthetic
Gear Oil

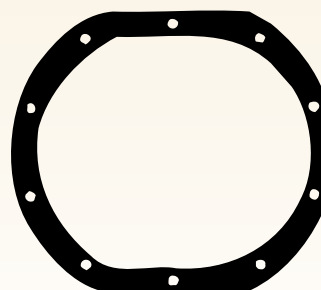


Pinion stem enters the case above the
centerline of the axles.

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

* SPORTSMAN Brand

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



- 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
3.73	49-0043-1	41-11
4.10	69-0318-1*	41-10
4.56	69-0320-1*	41-9

* 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

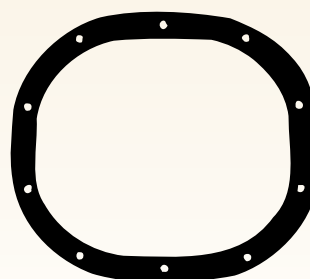
INSTALLATION KIT/HALF KIT

PART NO.

83-1045-1
83-1045-B Half-Kit



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



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

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

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

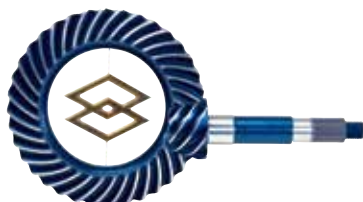


RICHMOND GEAR Synthetic
Gear Oil

INSTALLATION KIT/HALF KIT

PART NO.

83-1015-1
83-1015-B Half-Kit



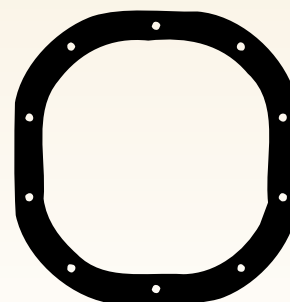
MODEL YEAR

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

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

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

NOTE: All spools require
C-clip eliminator kit



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

INSTALLATION KIT/HALF KIT

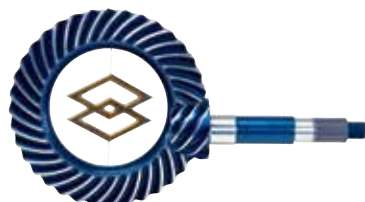
PART NO.	CARRIER BRG.
83-1011-1	2.891
83-1013-1	3.062
83-1003-1	3.062 - HRW
83-1005-1	3.250 - HRW
83-1007-1	31 Spline Trk. Lck./3.062
83-1009-1	28 Spline Trk. Lck./2.891
83-1011-B	Half-Kit

MINI-SPOOLS

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

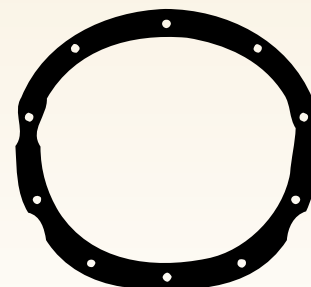
SPOOL BEARING KIT

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



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



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.

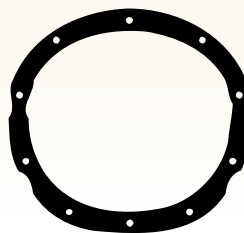
83-1050-1	97-99
83-1050-B	Half-Kit
83-1049-1	99-11
83-1049-B	Half-Kit



*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

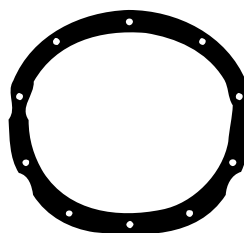
	RATIO	PART NO.	TEETH
1	4.11	79-0097-1	37-9
1	4.29	79-0098-1	30-7
1	4.57	79-0101-1	32-7
2	5.00	79-0108-L	30-6
2	5.11	79-0110-L	46-9
2	5.17	79-0112-L	31-6
2	5.20	79-0111-L	26-5

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

3.55	49-0201-1	39-11
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For Maximum Protection and
Performance use
Part # LUBE (pg 125)



RICHMOND GEAR Synthetic
Gear Oil

INSTALLATION KIT

PART NO.

83-1087-1

83-1087-C Half-Kit

GM Pontiac Late GTO

MAKE	YEAR
------	------

Pontiac GTO	04-06
-------------	-------

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

3.90	69-0461-1	39-10
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INSTALLATION KIT

PART NO.

83-1090-1

83-1090-B Half-Kit



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*

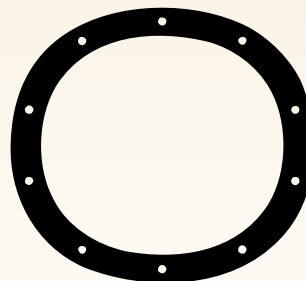
* Special Cross Pin 80-0270-1 required.

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

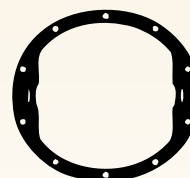
• Will not fit 7.625 carrier



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.

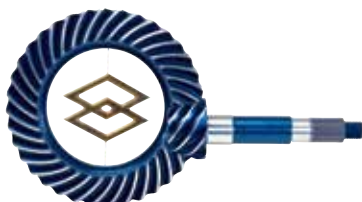
83-1022-1
83-1022-M
83-1022-B Half Kit

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)

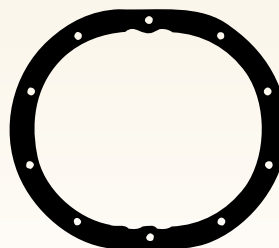
MAKE	YEAR
Chevrolet	55-64
Corvette	55-62

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

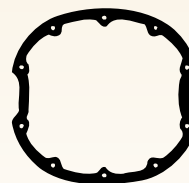
GM 8.2 B or P Axle

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

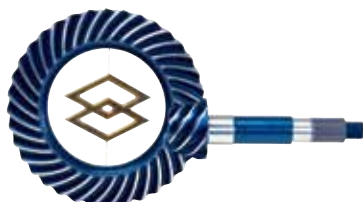
PART NO.

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

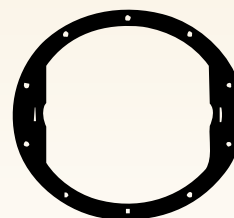
For Maximum Protection and
Performance use
Part # LUBE (pg 125)



RICHMOND GEAR Synthetic
Gear Oil



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

SPOOL BEARING KIT INSTALLATION KIT/HALF KIT

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

PART NO.
29-0013-1 (28 Spline)
29-0006-1 (30 Spline)

SPOOLS

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

SPLINE

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	

* 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.

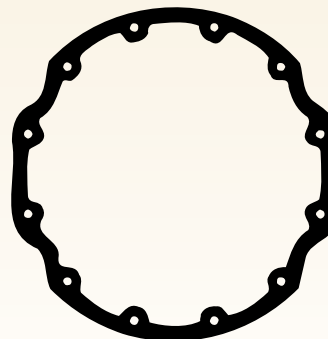


NOTE: All spools require
C-clip eliminator kit

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



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

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.

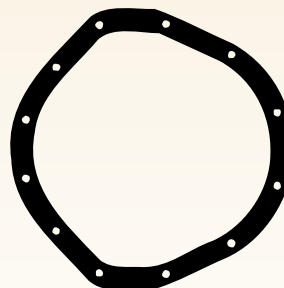
4 - Fits 3.73 ratio and numerically higher carrier.

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

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

MINI-SPOOLS

PART NO. SPLINE

78-1230-1 30
Cross Shaft Pin
CSPGM2

NOTE: All spools require
C-clip eliminator kit



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

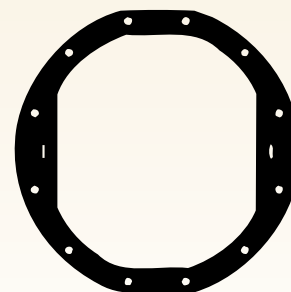
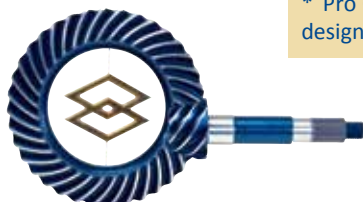
3 - Fits 3.07 to 3.73 ratio carrier.

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

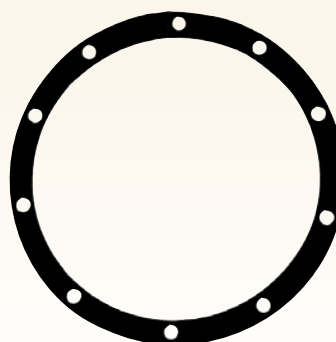
MAKE	YEAR
Oldsmobile	57-64
Pontiac	57-64



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

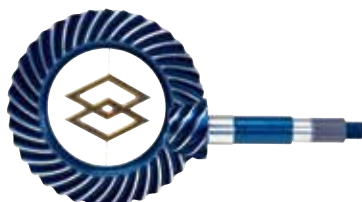
RATIO	PART NO.
3.73	49-0181-1
4.10	69-0482-1

INSTALLATION KIT

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

INSTALLATION KIT

PART NO.
Contact Factory



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



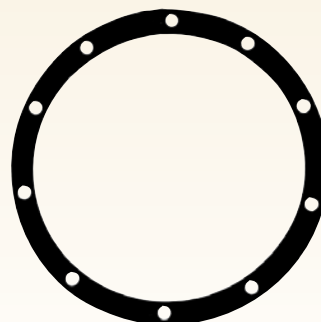
RATIO	PART NO.	TEETH
4.56	STY7502*	41-9
4.88	STY7503*	39-8
5.29	STY7504*	37-7
5.71	STY7505*	40-7

*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.

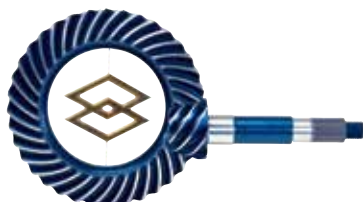
4.88 69-0500-1

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

INSTALLATION KIT

PART NO.

Contact Factory

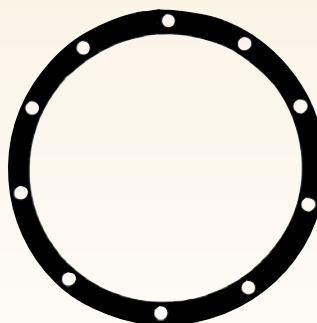


MODEL	YEAR
4x4 Light Truck (Front & Rear)	79-85
4 Runner (Front & Rear)	79-85
4x4 (Rear)	86-95
4 Cylinder w/out Turbo (Rear)	76-95
4 Runner w/out Turbo (Rear)	86-89



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

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.

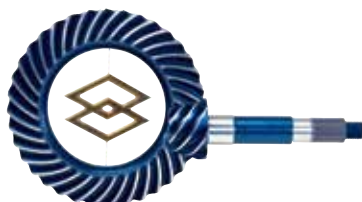
29-0009-1

NOTE: All spools require C-clip eliminator kit

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



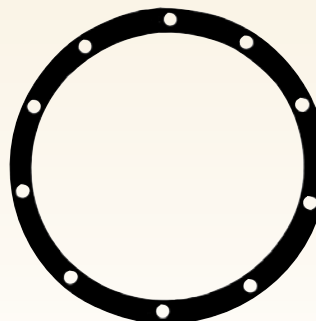
RICHMOND GEAR Synthetic Gear Oil



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



- 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

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

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

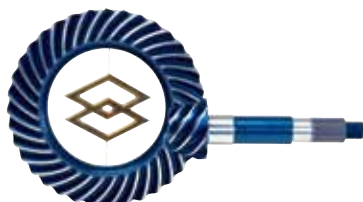
81-T1030-V	30
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SPOOL BEARING KIT

PART NO.

29-0012-1

NOTE: All spools require
C-clip eliminator kit



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 Calculator** is available on RICHMOND website www.richmondgear.com

	Tire Diameter																
Gear Ratio	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	1772	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**

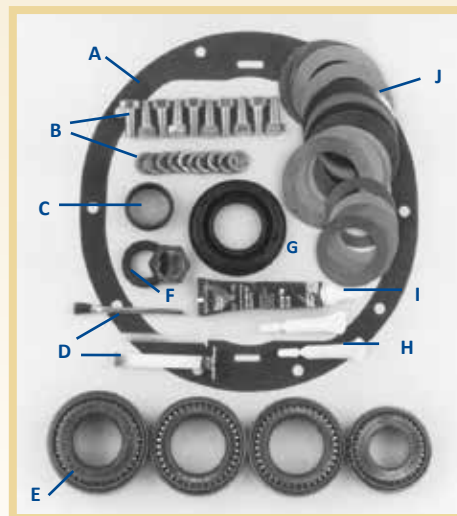
$$\frac{2000 \text{ RPM X } 30" \text{ Tire Dia.}}{60 \text{ MPH X } 336} = 3.00$$



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



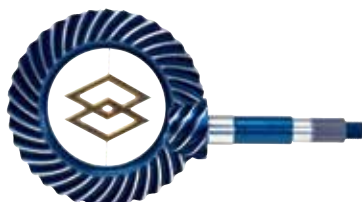
PRODUCT DESCRIPTION

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

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

PART NO.



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

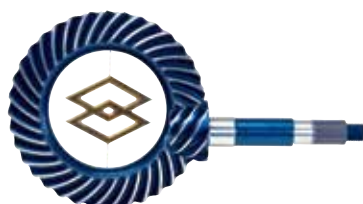
Richmond Kits use only TIMKEN Bearings



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



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.



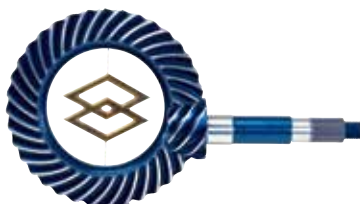


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WWW.RICHMONDGEAR.COM

WWW.POWERTRAX.COM





NOTES

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Page:

Richmond 6-Speed - ROD 50

The Richmond 6-Speed with Overdrive is designed with the performance and driving enthusiast in mind. Using the latest in CNC machining and heat treating, this Bullet Proof transmission is made to carry over 450 ft. lbs. of torque at the wheels with ease. Based on the industry standard Richmond 5-Speed, the ROD features smooth, positive and fast shifting. Available in multiple ratios, the ROD lets you custom design a transmission to meet your specific performance driving requirements.

NEW from Richmond — The Super Street 5-Speed with Overdrive 55

The SUPER STREET 5-Speed with Overdrive is the newest addition to the proven Richmond Bullet Proof Transmissions. The Richmond SUPER STREET 5-Speed with Overdrive is fully rated at 600 ft. lbs. of torque to handle the demands of automotive performance enthusiasts. The Richmond SUPER STREET is performance you can depend on.

Richmond Street 5-Speed 61

The Richmond Street 5-Speed Transmission is the ultimate blend of street performance and added value. By using four extra low gear ratios, you get dramatic improvements in acceleration while a 1:1 fifth gear allows good fuel economy. Fully synchronized for smooth shifting. When you match the right Richmond ring and pinion, you can make 5th gear perform as an overdrive (see page 58 for details). Capable of managing 450 ft. lbs. of torque at the rear wheels.

Richmond 5-Speed Road Race 64

Designed for the specific requirements of the Road Racer, the 5-Speed Road Race Transmission features NASCAR-type brass and a steel billet front bearing retainer for added strength (450+ ft. lbs. torque) and durability. Available in a wide variety of ratios, this transmission has tremendous torque multiplications and is easily serviced. The Richmond 5-Speed Road race is truly built to meet the challenge of demanding shifting of the road racer.

Richmond Super T-10 4-Speed 70

The Richmond Super T-10 is a 4-speed countershaft, helical gear transmission that is 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 Super T-10 is built for performance cars and light trucks and is sanctioned by many racing series.

Richmond Super T-10 Plus 4-Speed 73

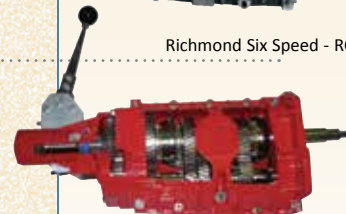
Designed for the rigors for road racing, the Richmond T-10 Plus combines the race proven synchro assemblies and NASCAR proven technology to deliver both strength and smoothness required in road racing. The T-10 Plus uses heavy duty brass and a steel billet front bearing retainer for reliability and durability. Richmond T-10 Plus transmissions are in use at many NASCAR-type driving schools.

Richmond Super T-10 Plus 2-Speed 76

When the racing rules stipulate an OEM transmission with an external clutch, the Super T-10 2-Speed answers the call. Built to take on Dirt or Asphalt, the T-10 2-Speed is built with only 2 forward gears and reverse, making for less rotating weight which means more horsepower. And, the T-10 2-Speed can be "Crash Shifted" for a more competitive advantage. Strength, performance and value are in the Super T-10 2-Speed Racing Transmission. Multiple ratios are available.



Richmond Six Speed - ROD



Richmond Super Street Five Speed



Richmond Street Five Speed



Richmond Five Speed Road Race



Richmond Super T-10 Four Speed



Richmond Super T-10 Plus Four Speed



Richmond Two Speed





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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. Installation procedures can be viewed at www.richmond-gear.com

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. Installation procedures can be viewed at www.richmond-gear.com

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.





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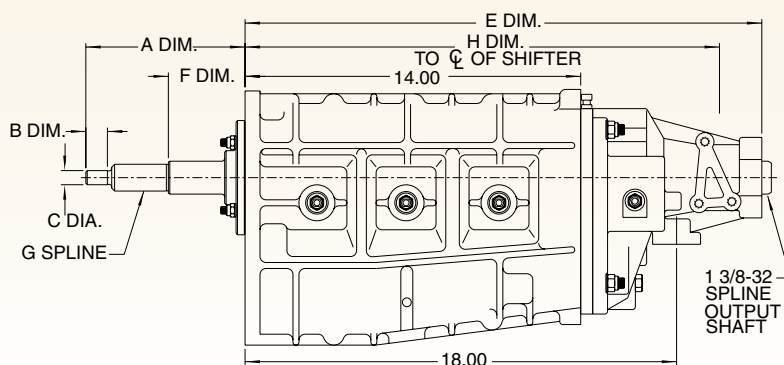
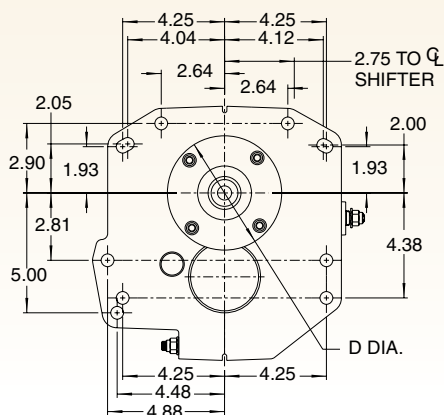
Transmissions

6-Speed Overdrive - ROD

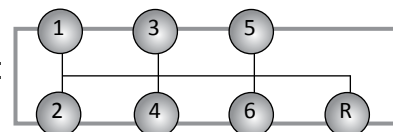


Dimensions

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

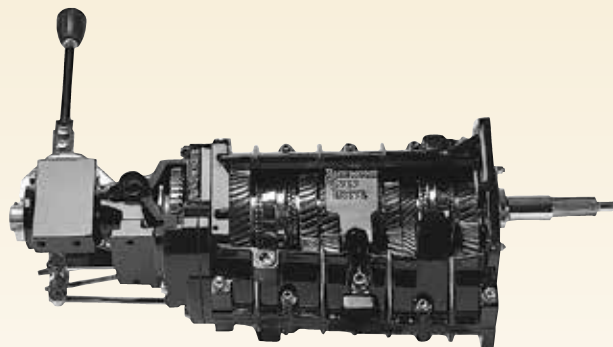
Controls

Side Lever

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

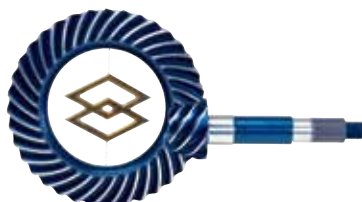
A=.76 B=.81
C=.86 D=.62
E=.91 G=.59
H=.52 I=.55

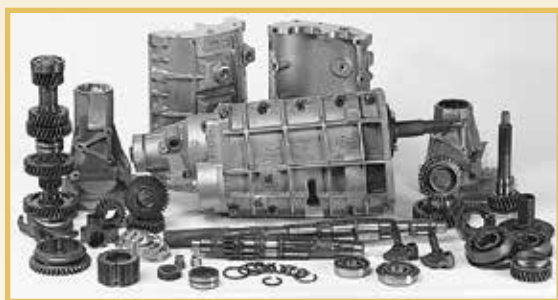
SPECIAL 9 DP ROAD RACE RATIOS

K=.80 L=.84

TRANSMISSION RATIO SELECTION GUIDE

			MASTER DRIVE SET DRIVE RATIO		22/37 1.682	27/31 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
	30/29	1.034	2460030	2560029	1.74	1.19
5th					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
	25/34	0.735	4112925	5110934	N/A	0.84
	19/40	0.475	4112919	5110940	0.80	N/A





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

For view number see exploded view on page 47.

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



Replacement Parts (con't)

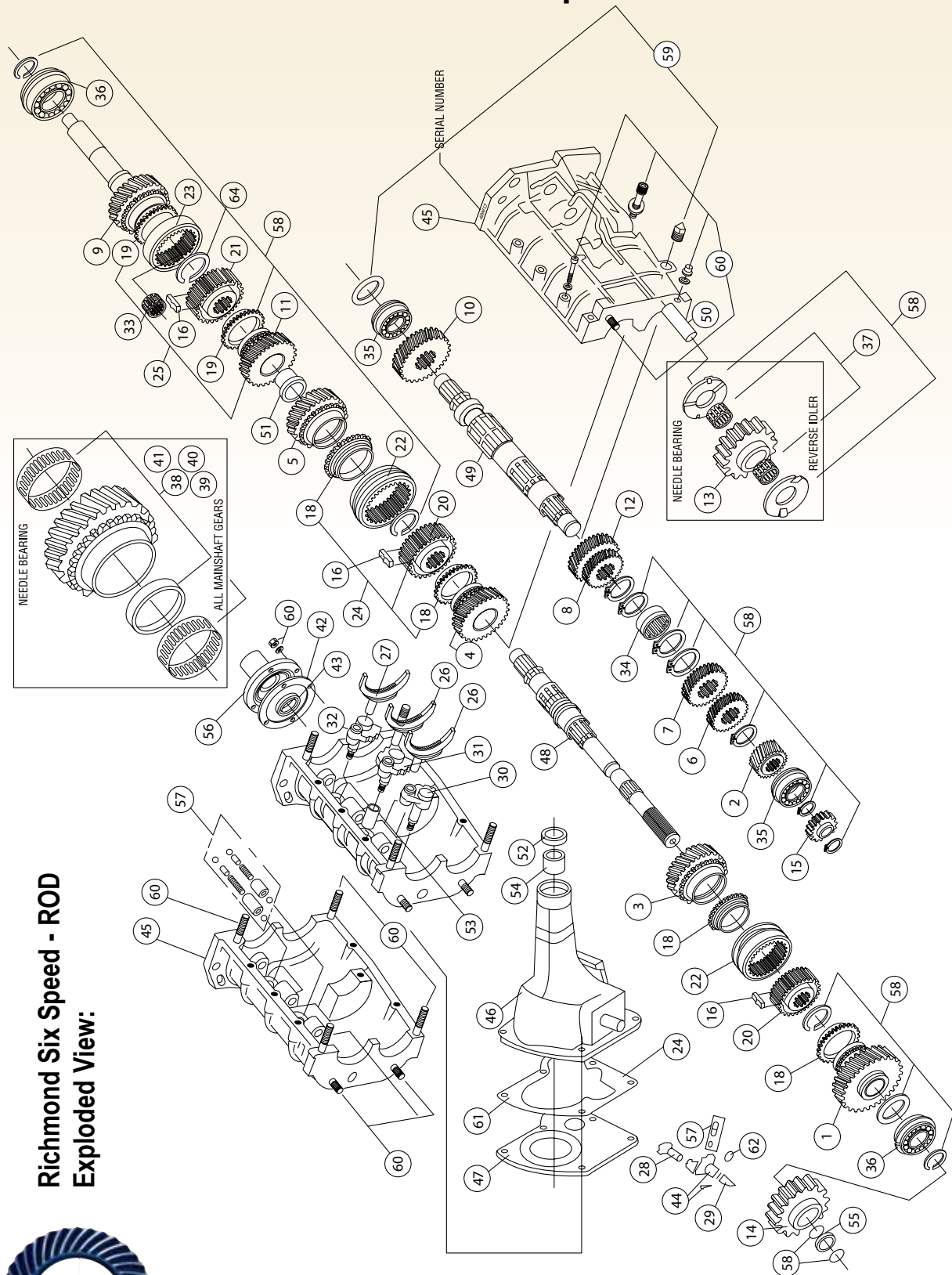
VIEW #	PART NO.	DESCRIPTION
13	5271922	Reverse Idler Gear
14	6560037	Reverse Mainshaft
15	5260013	Reverse Clustershaft Gear
16	1304093020	Keys (All)
17	4682AJ	Springs (All) (Not Shown)
18	1304091010	Syncho Brass 1-2 & 3-4
19	6460001	Syncho Brass 5-6
20	6151600	Hub 1-2 & 3-4
21	6160002	Hub 5-6
22	1304089006	Slider 1-2 & 3-4
23	6520000	Slider 5-6
24	6591600	Syncho Assem. 1-2 & 3-4
25	6560001	Syncho 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





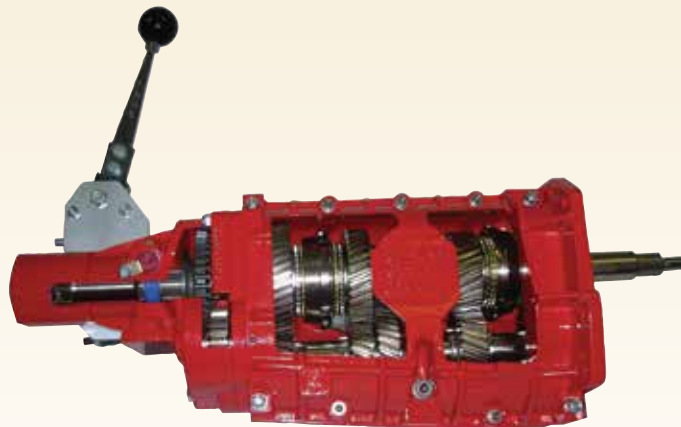
Richmond Six Speed - ROD
Exploded View:



NEW Super Street 5-Speed with O.D.

Features

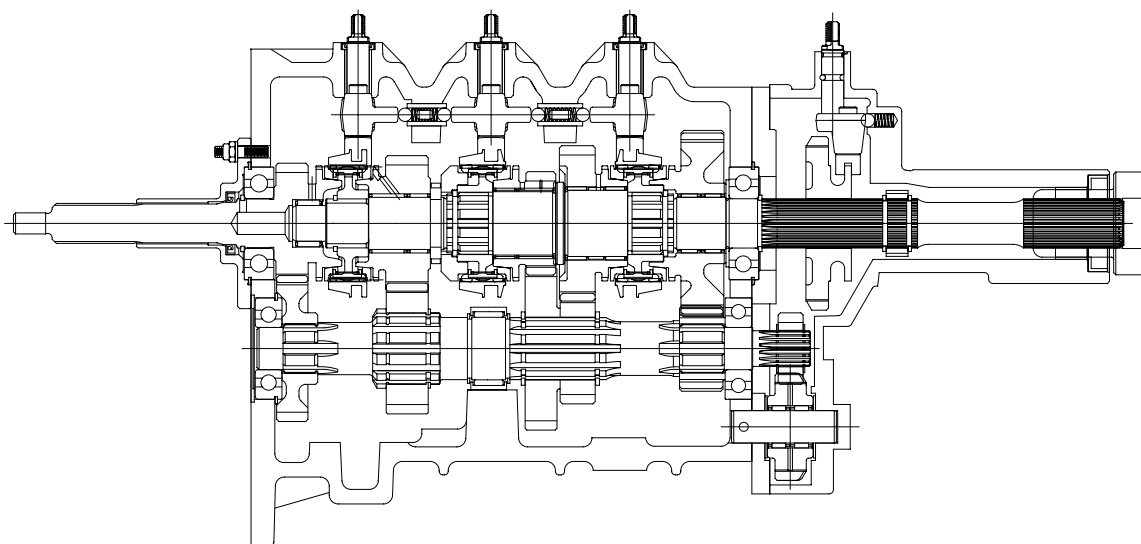
- NEW SUPER STREET 5-Speed with Overdrive
- Fully Rated at 600 ft. lbs. of torque
- Fits GM and Ford applications
- Features a Long Shifter for Performance & Durability



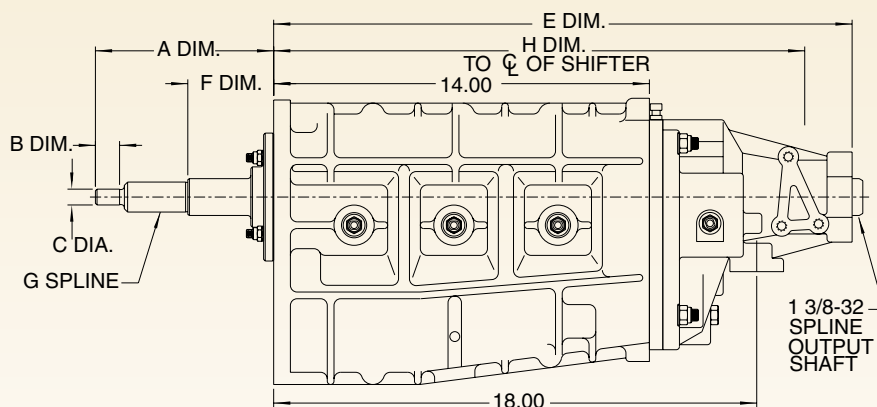
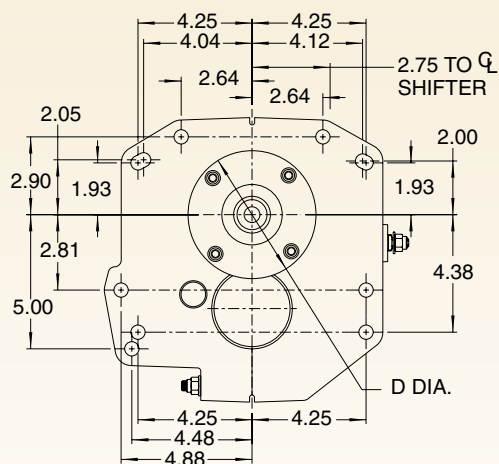
The SUPER STREET 5-Speed with Overdrive is the newest addition to the Richmond line of **Bullet Proof** transmissions. The SUPER STREET is fully rated at **600 ft. lbs. of torque** to confidently handle the demands of street performance, hot rods, muscle car, racing and other high performance applications.

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.

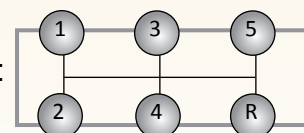
The SUPER STREET transmission comes complete with a Long Shifter for the ultimate in shift performance and durability. Designed to fit GM and Ford applications, the Richmond SUPER STREET is the answer for the performance enthusiasts who know that **"Winners Run RICHMOND!"**



NEW Super Street 5-Speed with O.D.



Shift Pattern:



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

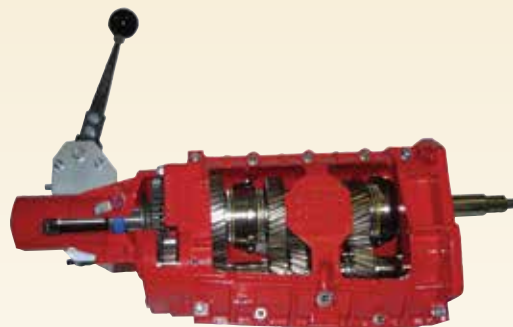
(1) 1984-1993 (5.0L) includes cross member and speedometer hook-up kit. Bellhousing must be replaced with Lakewood part # 15202, or equivalent. A 1979-1983 Mustang V-8 bellhousing may also be used

(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



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

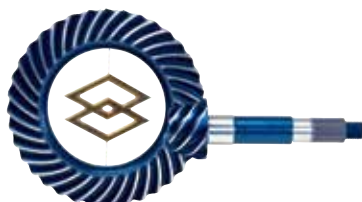
			MASTER DRIVE SET DRIVE RATIO		26/33 1.269
GEAR	TOOTH COUNT	SET RATIO	MAINSHAFT GEAR	CLUSTER GEAR	RATIO
1st	42/16	2.625	1050542	1550516	3.33
	41/18	2.277	1050541	1550518	2.89
	41/17	2.411	1051541	1550517	3.06
2nd	35/24	1.458	2350535	2550524	1.85
3rd	30/29	1.034	2350530	2550529	1.31
4th	—	—	—	—	1.00
5th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



NEW Super Street 5-Speed with O.D.



Replacement Parts

For view number see drawing on page 53.

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



Replacement Parts (con't)

For view number see drawing on page 53.

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			

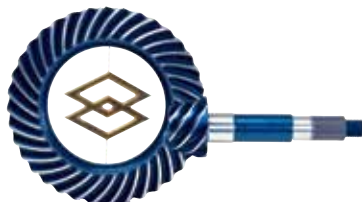
ADDITIONAL ITEMS NOT SHOWN

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)

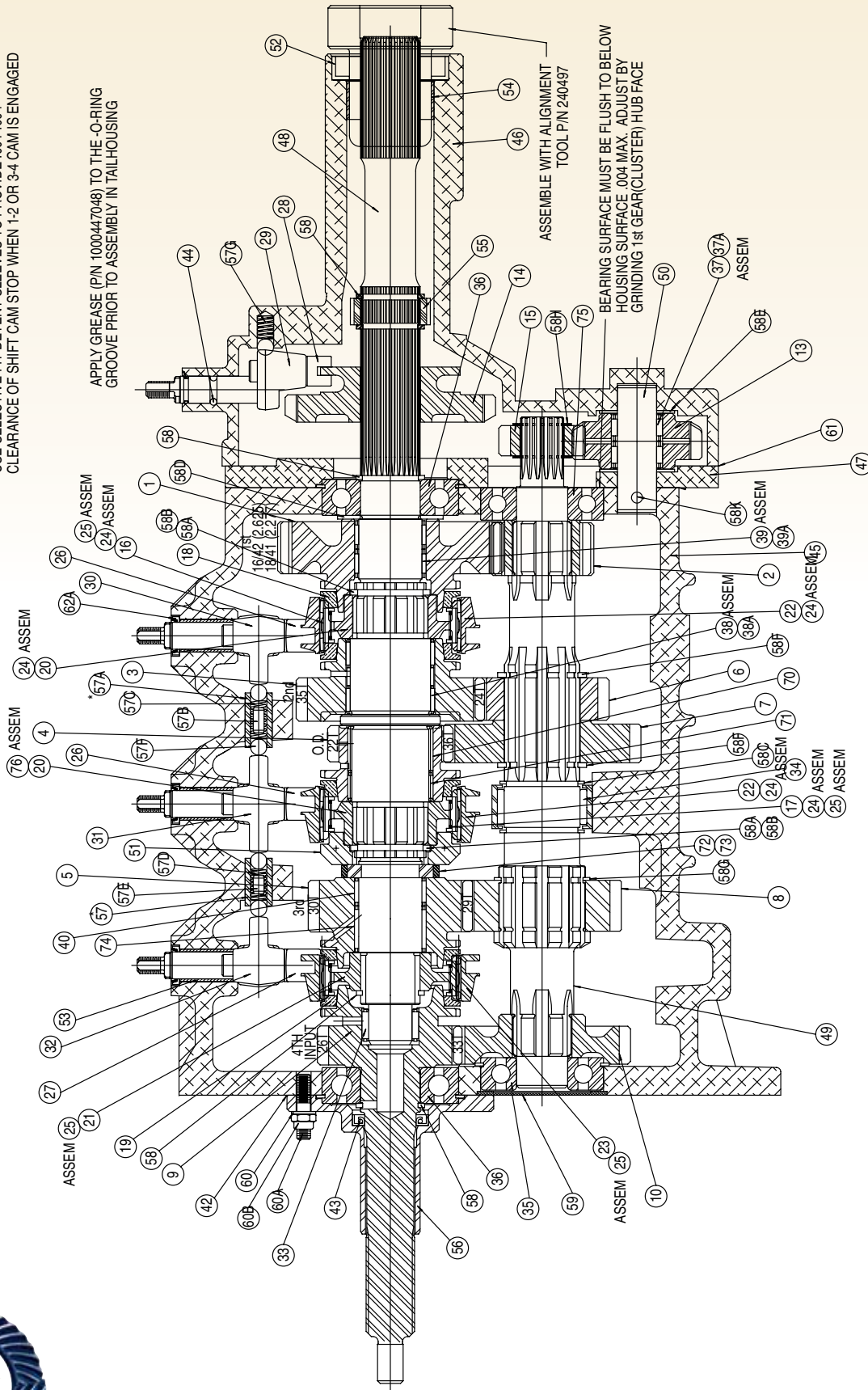


NEW Super Street 5-Speed with O.D.

Richmond Super Street Five Speed with Overdrive Exploded View:

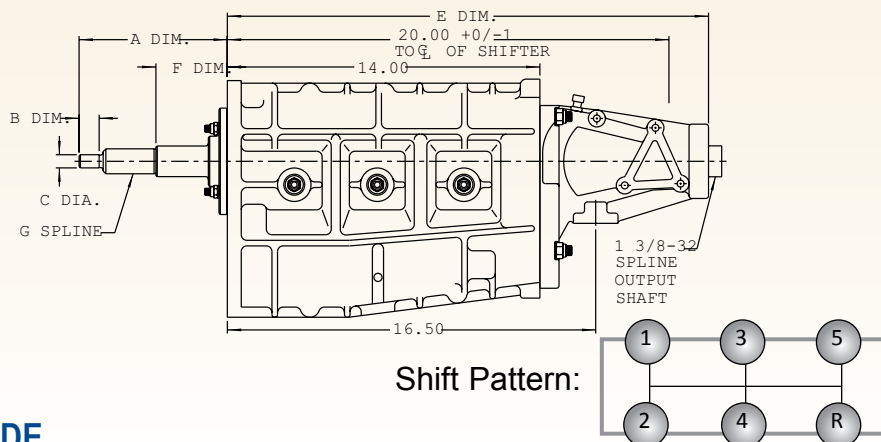
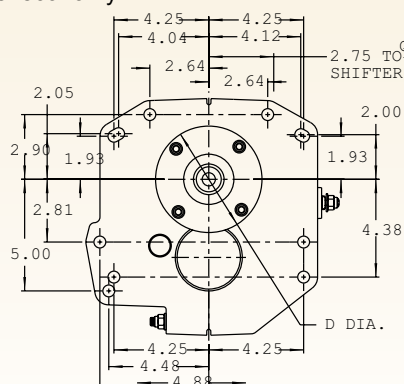


* USE SELECTIVE FIT DETENT SLEEVES TO PROVIDE .001-.004 CLEARANCE OF SHIFT CAM STOP WHEN 1-2 OR 3-4 CAM IS ENGAGED



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





Replacement Parts

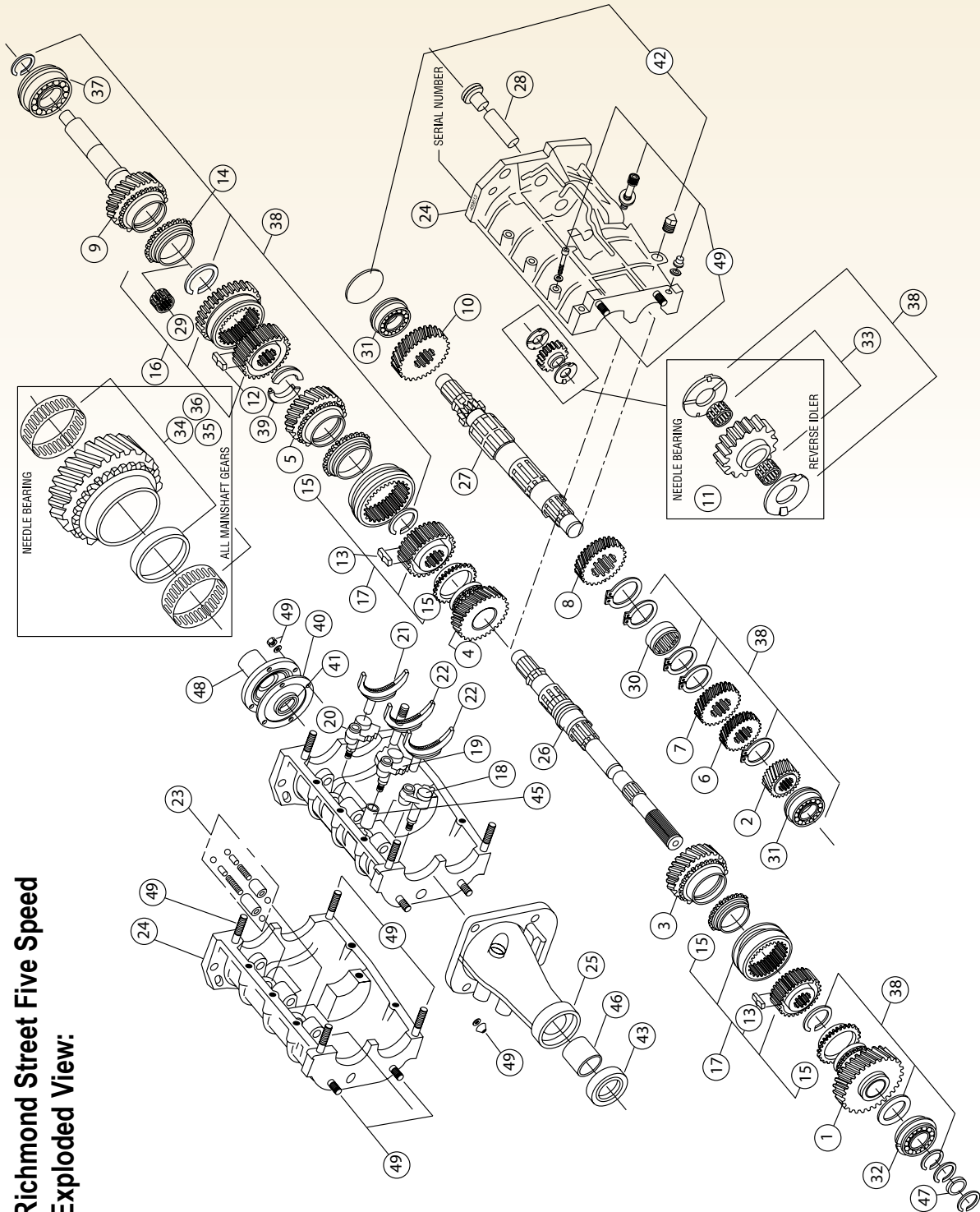
For view number see exploded view on page 56.

VIEW #	PART NO.	DESCRIPTION
1	1071839	1st Gear Mainshaft 3.28 A Ratio
	1071841	1st Gear Mainshaft 4.06 B Ratio
	1071842	1st Gear Mainshaft 4.41 C Ratio
2	1551820	1st Gear Cluster 3.28 A Ratio
	1551517	1st Gear Cluster 4.06 B Ratio
	1551516	1st Gear Cluster 4.41 C Ratio
3	2371833	2nd Gear Mainshaft
4	2371528	3rd Gear Mainshaft
5	2471825	4th Gear Mainshaft
6	2551525	2nd Gear Cluster B & C Ratio
	2551826	2nd Gear Cluster A Ratio
7	2551830	3rd Gear Cluster
8	2551834	4th Gear Cluster
9	4521826	Input 26 Spline GM
	4531818	Input 18 Spline Mopar
	4541826	Input 26 Spline Ford
	4541810	Input 10 Spline Ford 78-83
11	5271922	Rev. Idler Gear
10	5551837	5th Gear Cluster
12	6251500	Keys & Springs 5-REV
13	6291034	Keys & Springs 1-2-3-4
14	6451500	Synchro Brass 5-REV
15	1304091002	Synchro Brass 1-2 & 3-4
16	6571837	5-REV Synchro Assembly
16 Alt.	6591700	5-REV Synchro Assy-1 New Bullet Proof
17	6591510	Synchro Assembly 1-2-3-4
17 Alt.	6591600	Synchro Assy 1-2-3-4 New Bullet Proof
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	4WD Adapter Plate
26	7541532	Mainshaft Ford & Mopar

VIEW #	PART NO.	DESCRIPTION
26	7571532	Mainshaft GM
	7572203	4WD 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	7855605	Front Cluster Bearing
32	1000130010	Rear Output Bearing
33	7871030	Rev. Gear Bearing Assembly
34	7871052	2nd & 3rd Gear Bearing Assembly (Not Shown)
35	7871142	1st Gear Bearing Assembly (Not Shown)
36	7899442	4th Gear Bearing Assembly (Not Shown)
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	8358112	Shift Arm Bushings
46	1000127050	Extension Housing Bushing
	8380008	Extension Housing Bushing 9/85 & Newer
47	1304110002	Speedo Gear (All)
48	8624911	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 Yoke Turbo 400
	Sy-1330	Slip Yoke Turbo 400



Street 5-Speed Exploded View



Richmond Street Five Speed
Exploded View:





Winners Run RICHMOND!

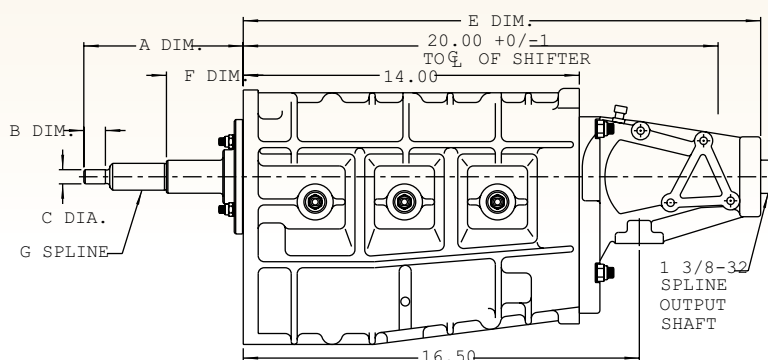
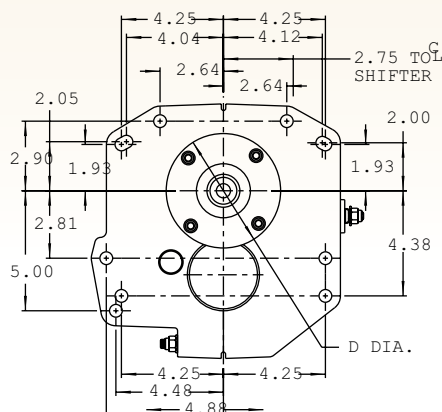
Transmissions

5-Speed Road Race

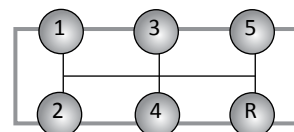
Dimensions



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!



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 DRIVE RATIO		22/37 1.682	27/31 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





Replacement Parts

For view number see exploded view on page 61.

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

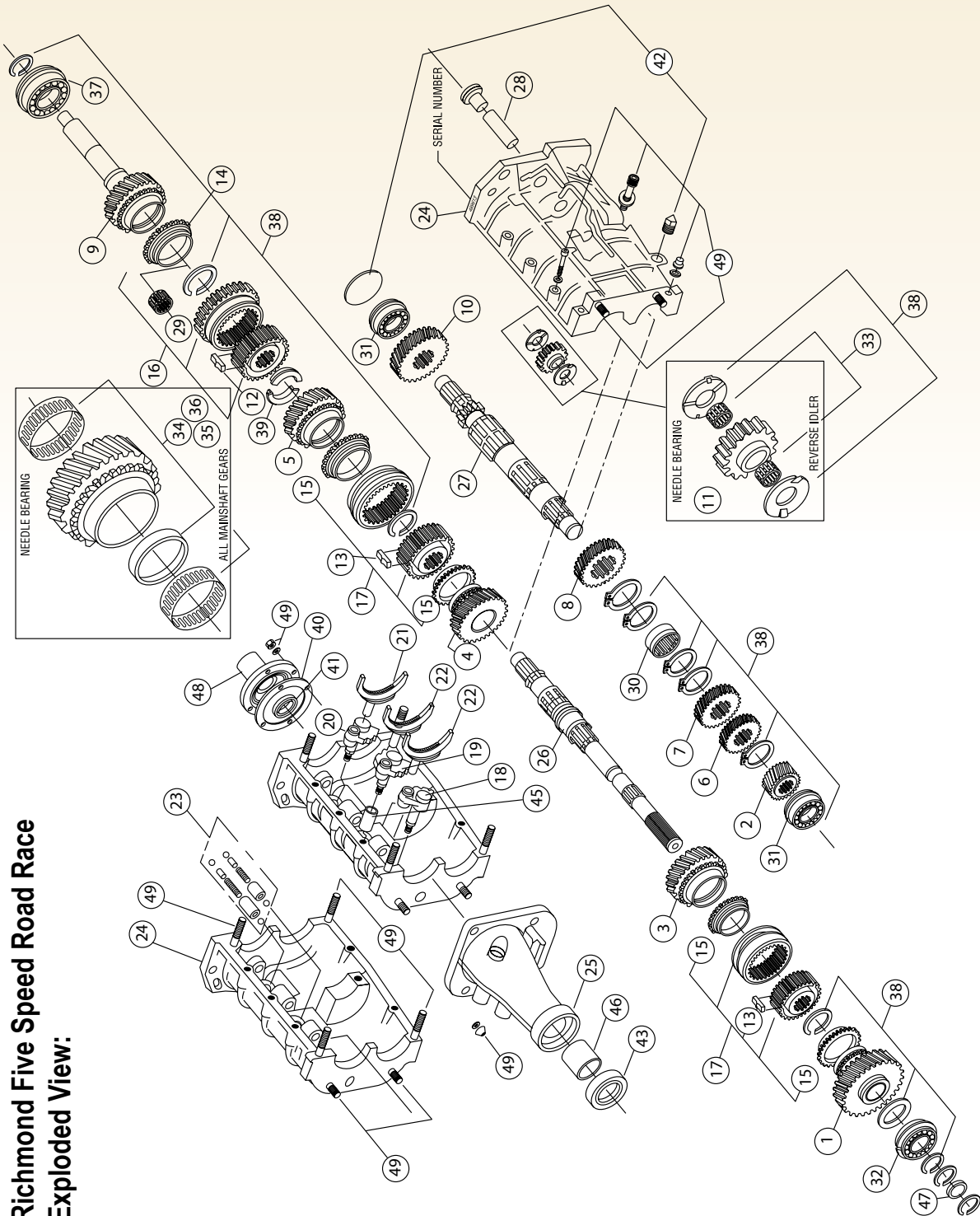


Replacement Parts (con't)

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





Richmond Five Speed Road Race
Exploded View:





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

1st 2.20 4.56 10.03
2nd 1.64 4.56 7.48
3rd 1.28 4.56 5.84
4th 1.00 4.56 4.56

VS.

RICHMOND Trans Rear Ratio

1st 3.28 3.08 10.10
2nd 2.45 3.08 7.55
3rd 1.99 3.08 6.13
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!

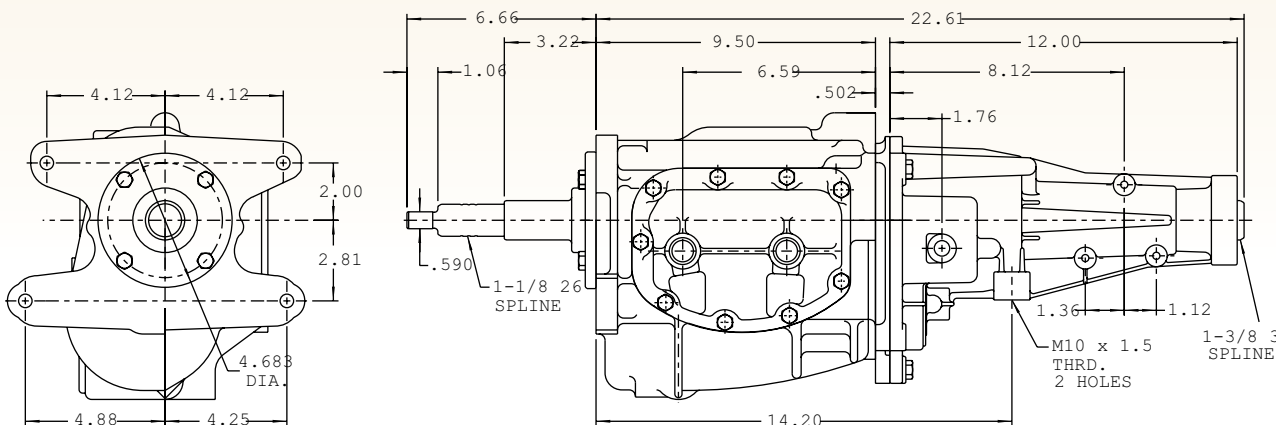
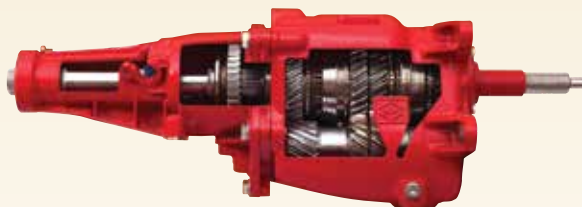
Transmissions

Super T-10 4-Speed

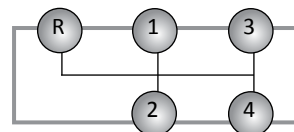
Dimensions

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.



Shift Pattern:



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!



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)

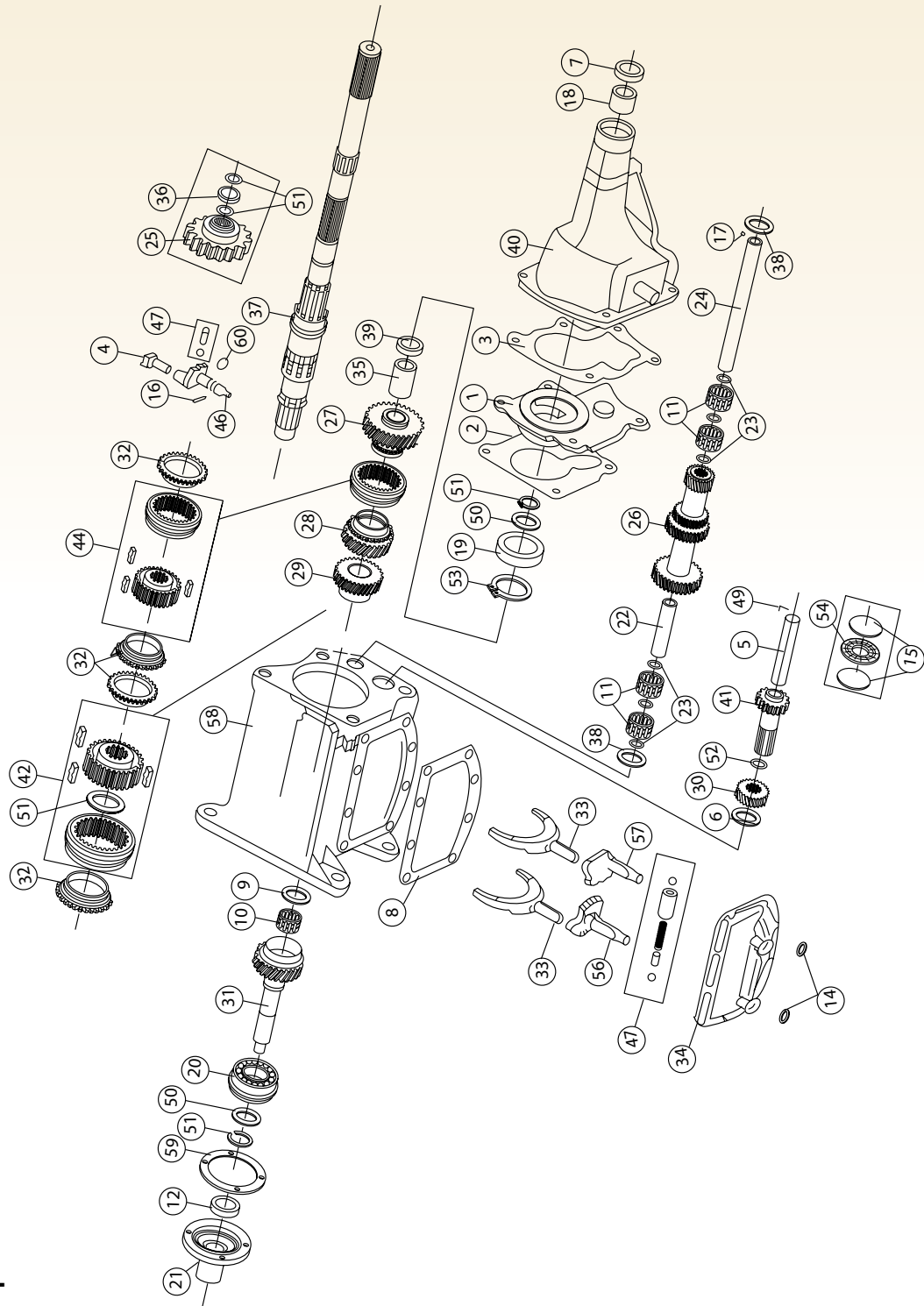
For view # see exploded view on page 65.

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 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	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

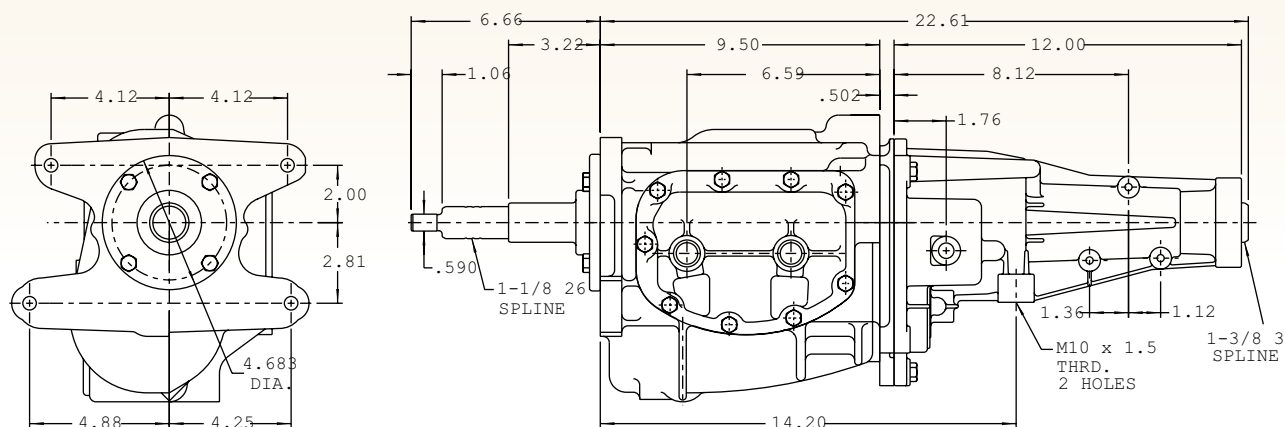
Super T-10 Plus 4-Speed

Dimensions

Available in G.M. Applications only.



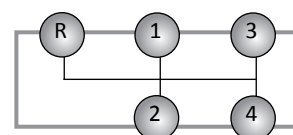
Designed for the rigors of a road course, the Richmond T-10 Plus is assembled in the U.S.A. by American Craftsmen. Using the latest CNC machining and heat treat, this T-10 is available in a multiple range of ratios. The T-10 Plus combines race proven synchro assemblies and NASCAR proven technology to 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

Shift Pattern:



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!



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)

For view # see exploded view on page 68.

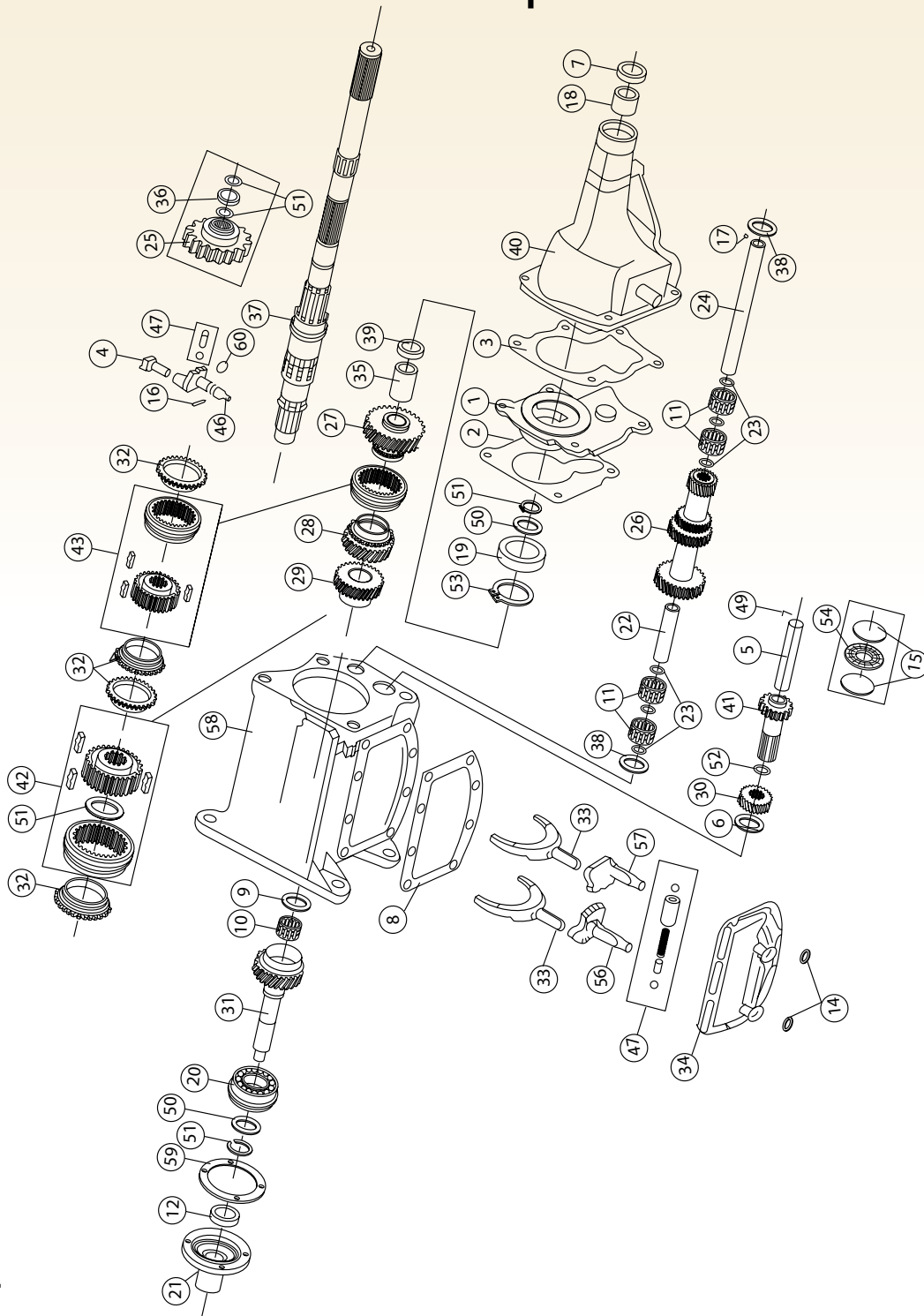
VIEW #	PART NO.	DESCRIPTION
1	AT10107A	Rear Adapter Assembly
2	T101451/2C	Adapter Gasket
3	T10146 A	Adapter Gasket
4	T1024	Reverse Shift Fork
5	T1035	Reverse Idler Shaft
6	T1088A	Thrust Washer
7	T22110A	Ext. Housing Seal
8	T85B115	Side Cover Gasket
9	T85G25	Spacer
10	T85G26	Input Needle Bearing
11	T86166	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



Super T-10 Plus 4-Speed Exploded View

Richmond Super T-10 Plus Four Speed
Exploded View:

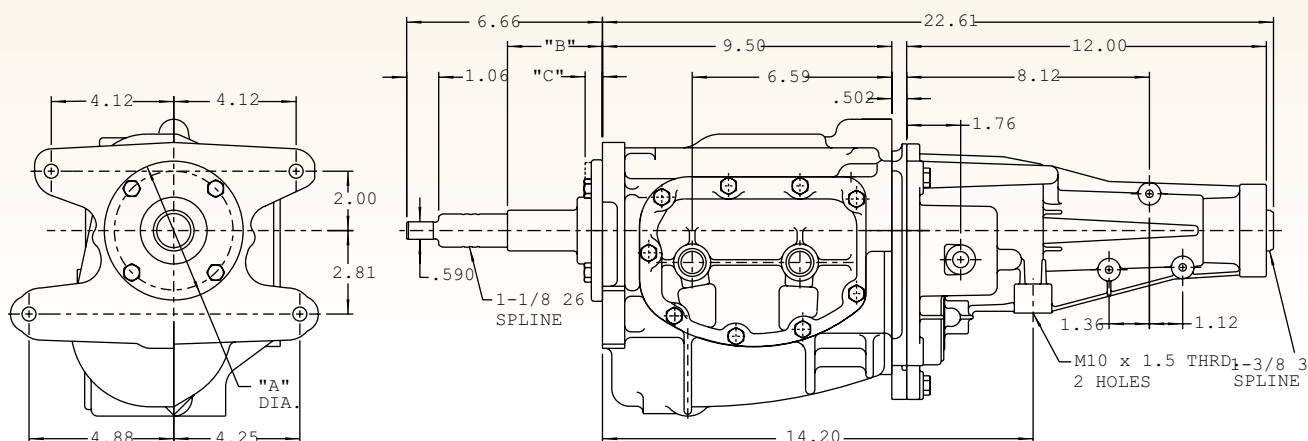
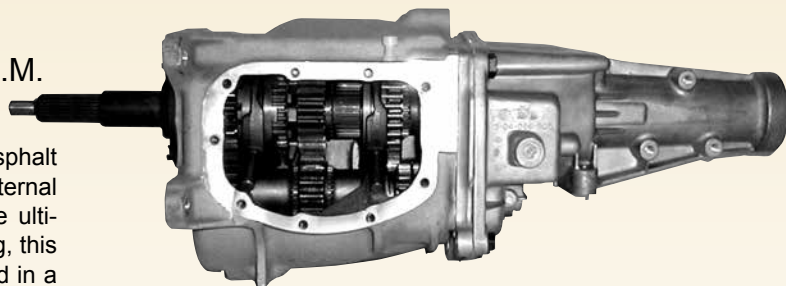


Super T-10 Plus 2-Speed

Dimensions

Available in G.M. 1 $\frac{1}{8}$ -26 Input Spline and G.M. 1 $\frac{1}{8}$ -10 Input Spline.

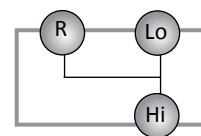
The Richmond Two Speed is designed for either dirt or asphalt racing where the rules stipulate an OEM case with an external clutch. The Two Speed utilizes straight cut gears for the ultimate in strength and durability. The best part is the shifting, this Two Speed uses Dog Rings for clutchless shifting. 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

Use RICHMOND
Transmission Lube
Part # TLUBE (pg 126)



Performance Matched For
WINNERS!

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

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



Super T-10 Plus 2-Speed

VIEW #	PART NO.	DESCRIPTION
1	AT10107A	Rear Adapter Assembly
1A	T10107A	Extension Adapter
1B	1000043008	Dowel Pin
2	T101451/2C	Adapter Gasket
3	T10146 A	Adapter Gasket
4	6320000	Reverse Idler Shaft
5	T1035	Reverse Idler Shaft
6	T1088A	Thrust Washer
7	T22110A	Ext. Housing Seal
8	T85B115	Side Cover Gasket
9	5220000	Reverse Idler Gear
10	7855112	Input Needle Bearing (Caged)
11	T86166	Cluster Needle Bearing
12	T89C54	Front Bearing Retainer Seal
14	T90A108	Control Housing Seal
15	8620000	Thrust Washer
16	1000052021	Pipe Plug
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	6520002	Reverse Slider Gear
26	1520023	First Gear Cluster 23T
	1520024	First Gear Cluster 24T
	1520025	First Gear Cluster 25T
27	2520027	Second Gear Cluster 27T
	2520028	Second Gear Cluster 28T
28	1020020	First Gear Mainshaft 20T
	1020021	First Gear Mainshaft 21T
	1020022	First Gear Mainshaft 22T
29	4520026	Input Shaft (GM 1.125-26 Spline)
	4520010	Input Shaft (GM 1.125-10 Spline)
	4521026	Input Shaft (GM 1.125-26 Spline)
	4521010	Input Shaft (GM 1.125-10 Spline)
30	1304096002	Shift Fork
31	1304097004	Side Cover

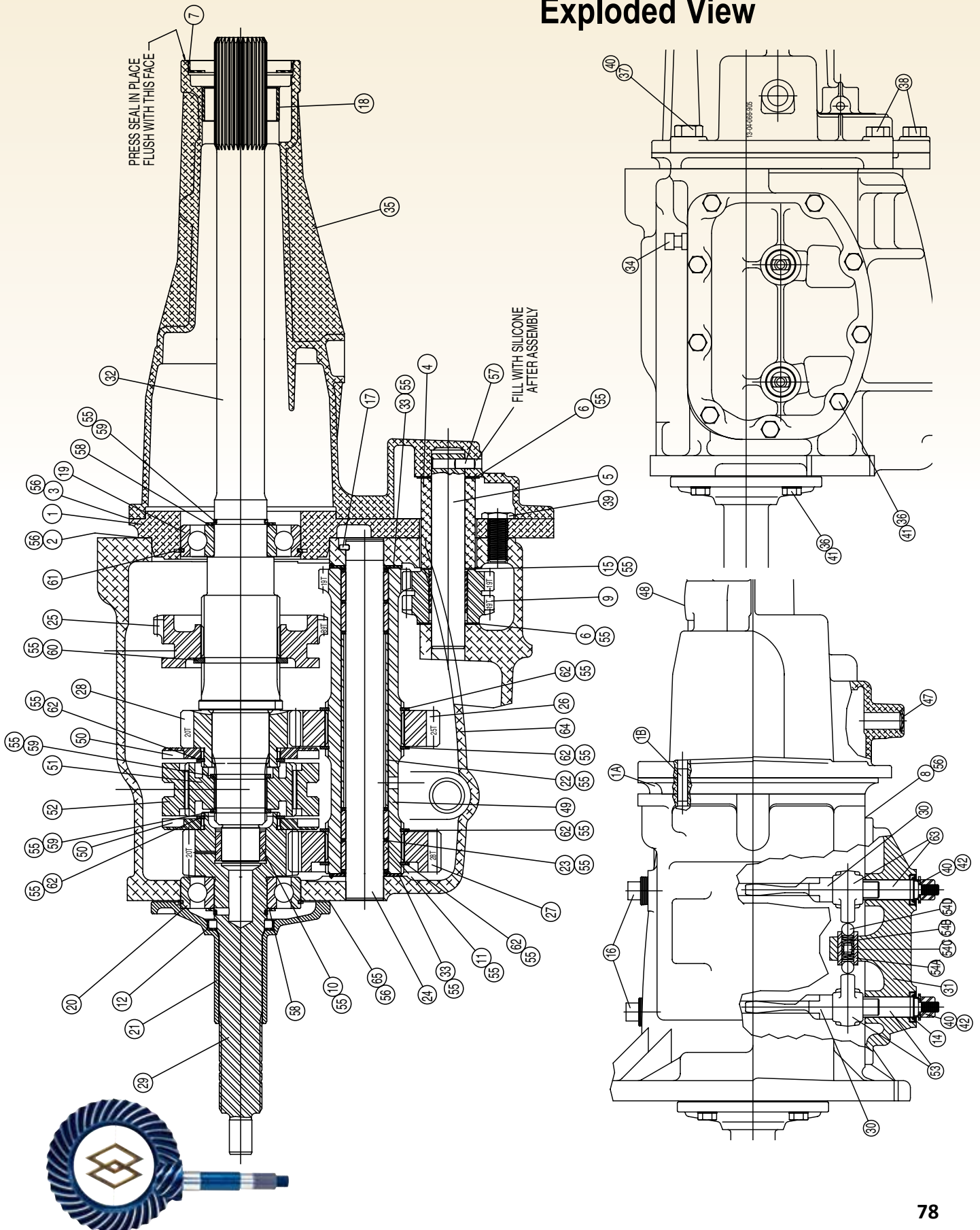
VIEW #	PART NO.	DESCRIPTION
32	7520000	Mainshaft
33	1304193101	Thrust Washer
34	8256375	Breather Assy
35	1304566020	Extension Housing Assembly
36	179817	Bolt
37	179888	Bolt
38	411382	Bolt
39	4737D	Bolt
40	9056601	Washer
41	114605	Lock Washer
42	9056621	Lock Nut
43	9980025	Rag, Oil Warning, Warranty
44	1000191012	Shipping Cover Rear
45	4681AM	Output Shaft Shipping
Cover		
46		Owners Manual
47	095042	Expansion Plug (.625 Dia.)
48	8220000	Expansion Plug (.875 Dia.)
49	7620000	Cluster Shaft
50	4320000	Dog Ring 1st & 2nd Gear
51	6120000	Hub 1st & 2nd Gear
52	6520001	Slider 1st & 2nd Gear
53	6620000	Shift Arm Assy 1st & 2nd Gear
54	1304603010	Detent Kit
54A	1304103013	Interlock Sleeve
54B	T85B42	Spring
54C	T85B87	Interlock Pin
54D	453593	Steel Ball
55	8020000	Small Parts Kit (Needle Bearings, Snap Rings, Spacers & Washers)
56	1304603012	Gasket Kit - Consists of 2, 3, 8 & 65
57	456876	Lock Pin
58	4652U	Spacer
59	4734A-E	Snap Ring
60	8056694	Snap Ring (Reverse)
61	4829	Snap Ring
62	8056200	Snap Ring
63	6692012	Rev. Shift Cam Assy.
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

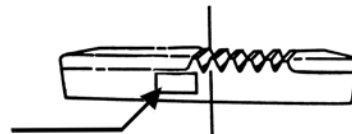
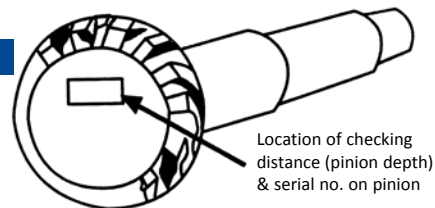


Illustration A

Illustration B

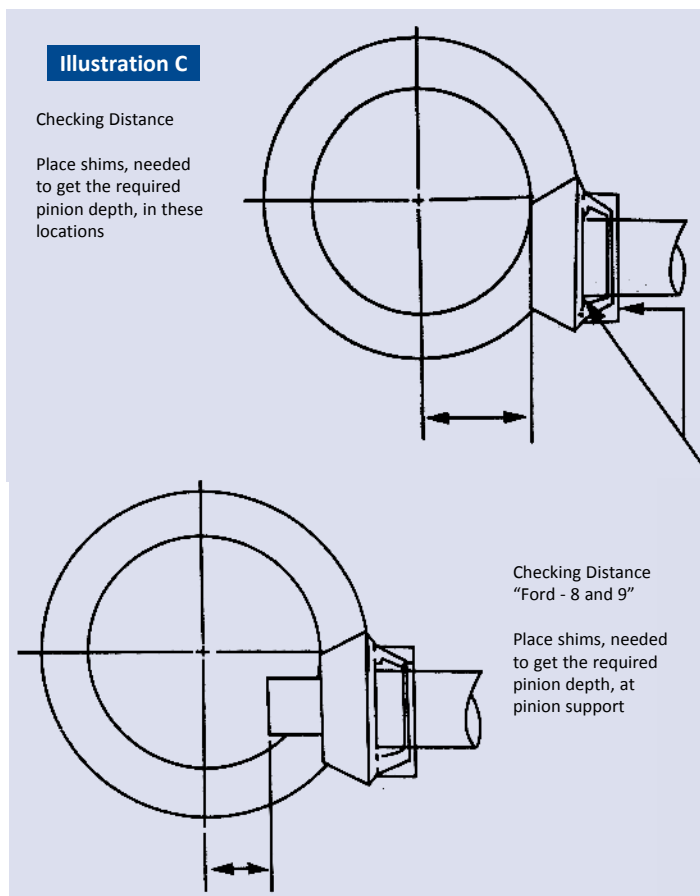


Location of checking
distance (pinion depth)
& serial no. on pinion

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 on pages 3 and 4.

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). See page 4 for patterns and additional installation hints.

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

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.

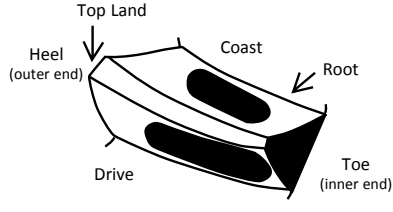
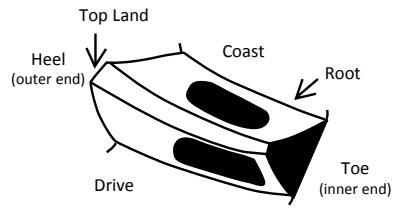
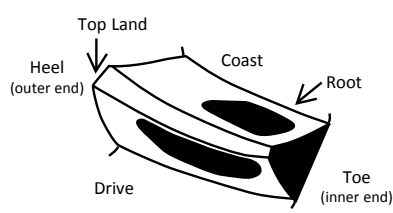
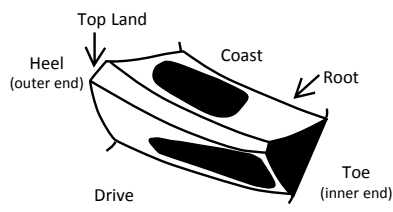
HELPFUL HINTS & ADDITIONS TO RICHMOND GEAR INSTALLATION INSTRUCTIONS

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

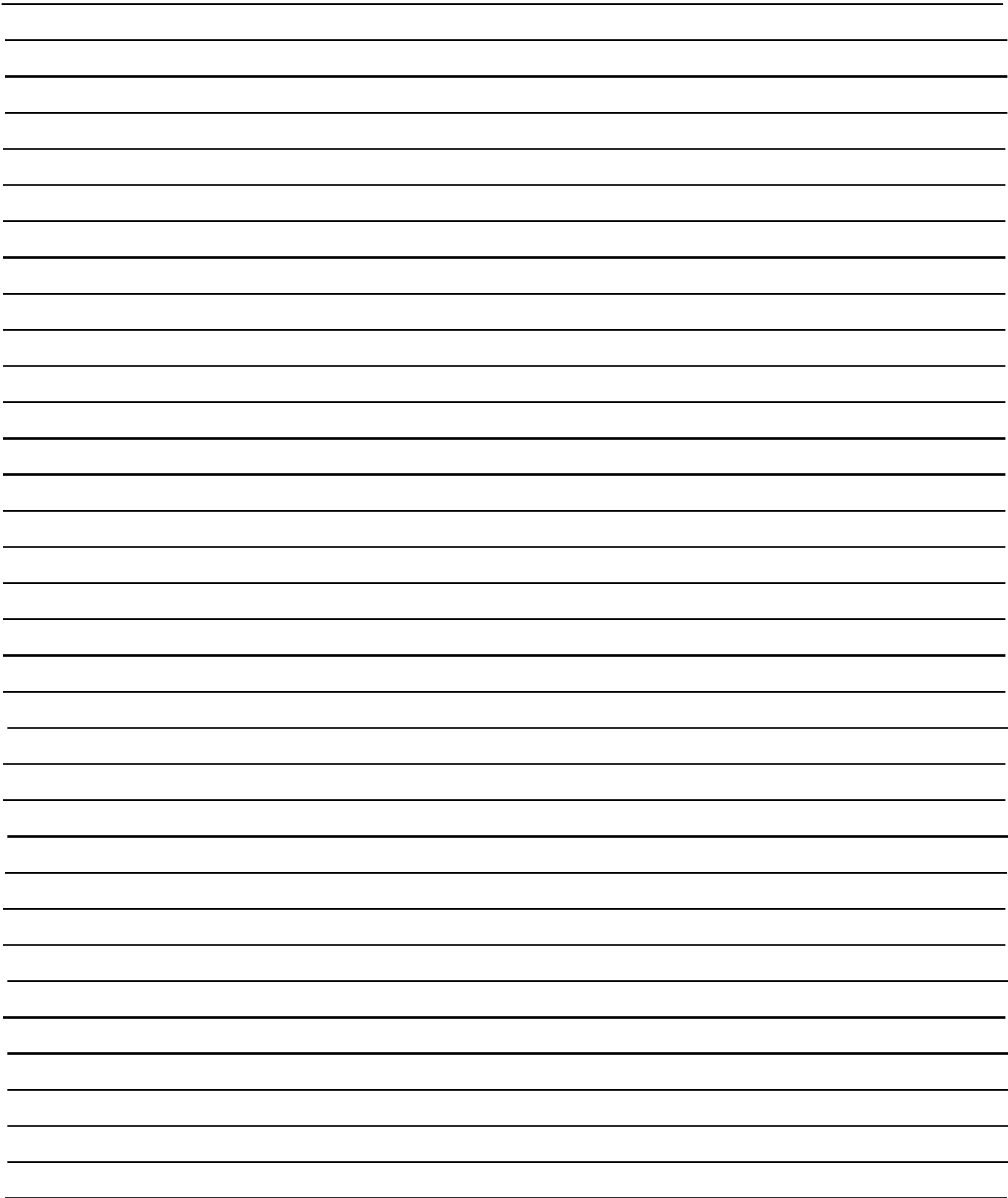
3/8" x all lengths	60-65 ft lbs.
1/2" x all lengths	100-110 ft lbs.

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



CATALOG **Ring And Pinion**



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



SECTION II Contents



SPORTSMAN
by 

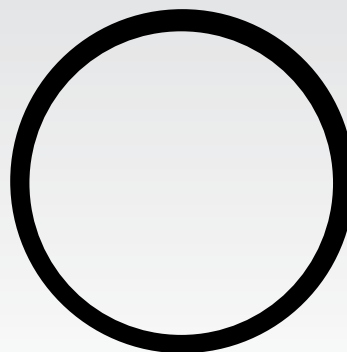


- A new line of performance ring & pinion - at a more affordable price!
- Specifically designed for 2 & 4 Wheel Drive, Off-Road, Truck and SUV applications.



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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



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

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

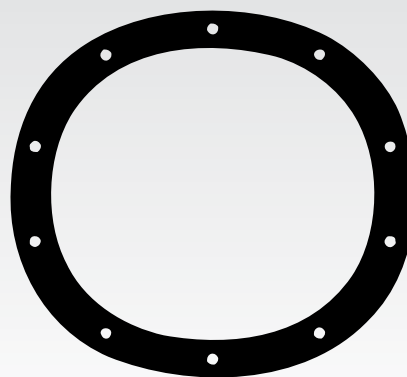
Fits 2.73 ratio and numerically higher carrier.

* Cross shaft pin 80-0278-1 required.

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



RICHMOND GEAR Synthetic Gear Oil



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

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

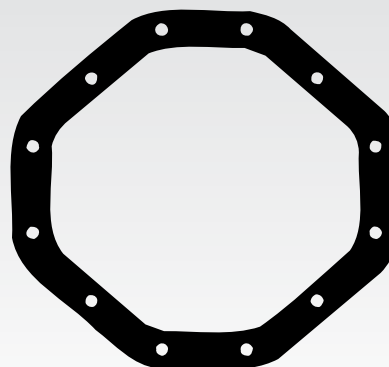
Contact Factory

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

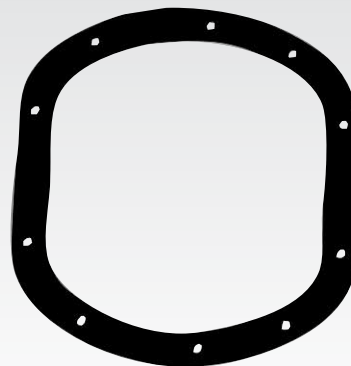
SPOOL BEARING KIT

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
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Jeep

Cherokee XJ (Front) 84-99

Wrangler YJ (Front) 87-96

Comanche MJ (Front) 86-92



RATIO	PART NO.	TEETH
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3.54	SD30R01	39-11
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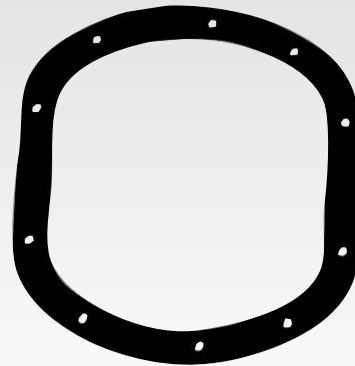
3.73	SD30R02	41-11
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4.10	SD30R03	41-10
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4.56	SD30R04	41-9
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4.88	SD30R05	39-8
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NOTES: When replacing 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
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Contact Factory

SPOOL BEARING KIT

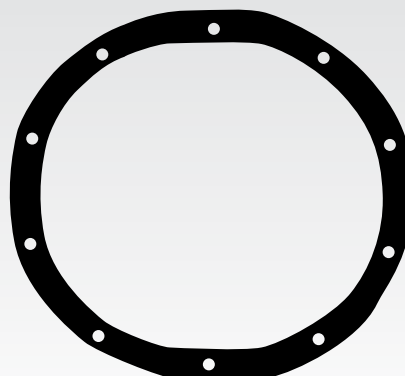
PART NO.

Contact Factory



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

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

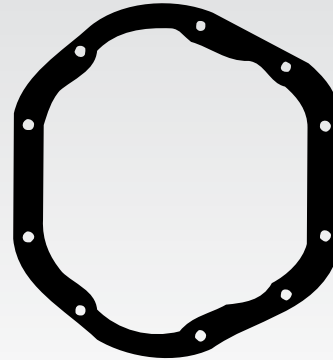
Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

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.

Dana 44 Reverse

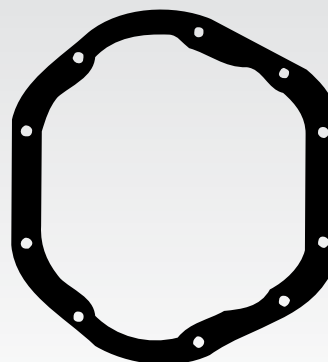
MODEL	YEAR
Bronco (Front)	78-96
F100, F150 (Front)	76-96
F250 (Front)	77-88
F350 (Front)	81-85



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.



- 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

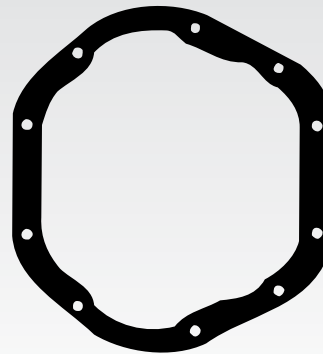
For Maximum Protection and Performance use Part # LUBE (pg 125)



RICHMOND GEAR Synthetic Gear Oil



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

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

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



Dana 60 Reverse

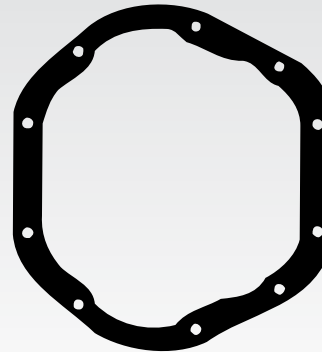
MODEL	YEAR
Excursion	02-05
F250 (Front)	78-79, 02-present
F350 (Front)	78-present
F450 (Front)	99-present
F550 (Front)	99-Present

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

Contact Factory

SPOOL BEARING KIT

PART NO.

Contact Factory

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

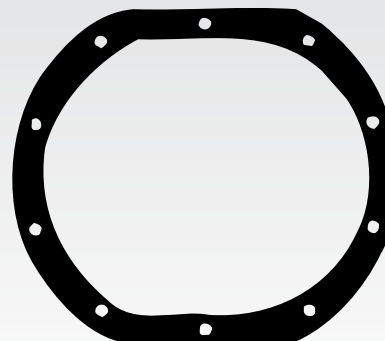


RICHMOND GEAR Synthetic Gear Oil



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

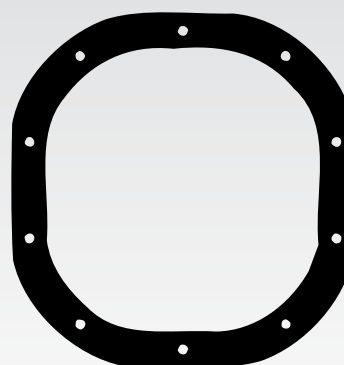


SPORTSMAN Ring And Pinion Sets



Ford 8.8

MODEL	YEAR
Aerostar	89-97
Bronco	84-91
Capri V8	86
Cougar	88-97
E150	87-06
Explorer	90 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

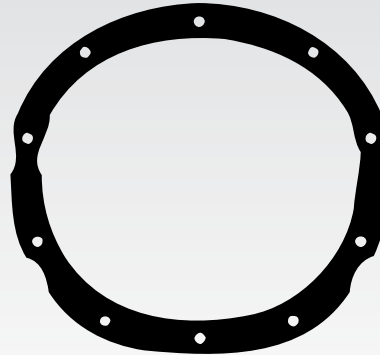
For Maximum Protection and
Performance use
Part # LUBE (pg 125)



RICHMOND GEAR Synthetic
Gear Oil



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

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 - 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

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

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

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

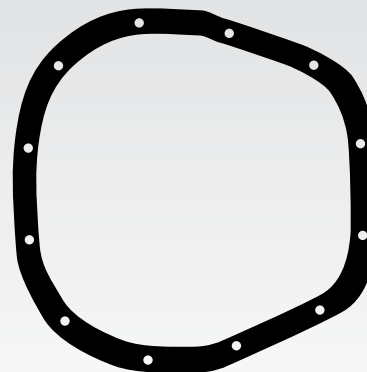
Ford 10.25/10.5

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".

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



- 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

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

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

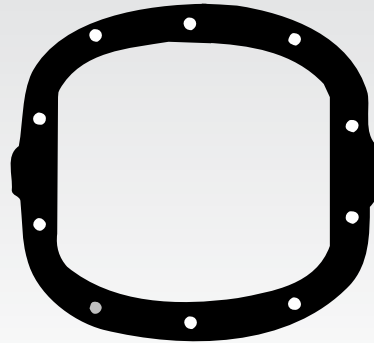


RICHMOND GEAR Synthetic Gear Oil



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.

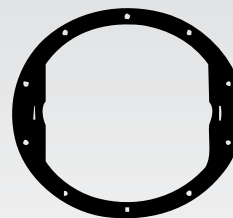


GM 8.5/8.6 10 Bolt

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

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.



- 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

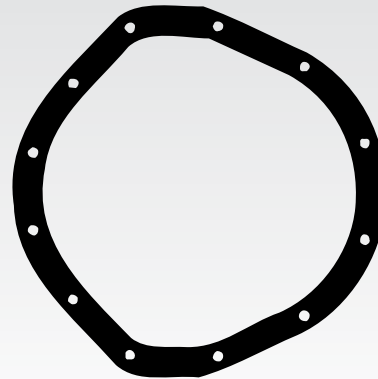
NOTE: All spools require C-clip eliminator kit

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



- 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.

- 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

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

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



RICHMOND GEAR Synthetic
Gear Oil

INSTALLATION KIT

PART NO.

R8.2RIFSMKT	88-98
R8.2RIFSLMKT	99-Present

SPOOLS

PART NO. SPLINE CARRIER

Contact Factory

SPOOL BEARING KIT

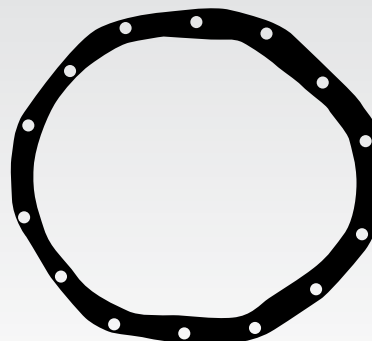
PART NO.

Contact Factory



GM 9.5, 14 Bolt

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

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



RICHMOND GEAR Synthetic Gear Oil

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



GM 10.5, 14 Bolt

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



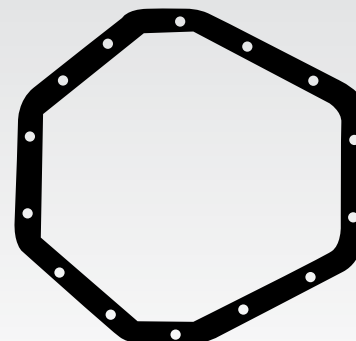
RATIO	PART NO.	TEETH
3.73	SGM10501	41-11
4.10	SGM10502	45-10
*4.56	SGM10503	41-9

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

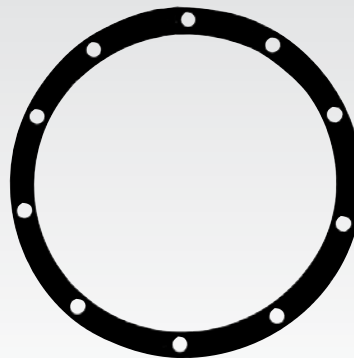
PART NO.
Contact Factory



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

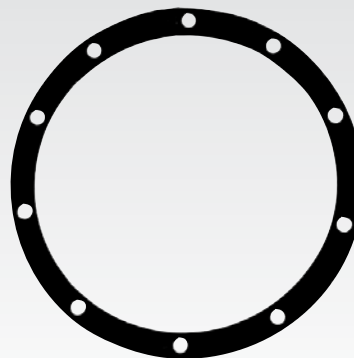


Toyota 8 (7.8)

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

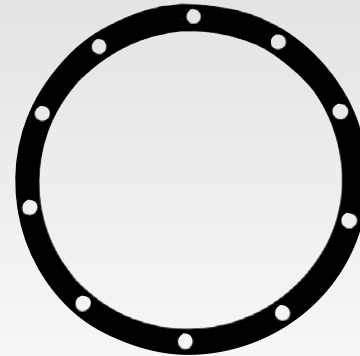
MODEL	YEAR
All with TRD Locked Rear**	95-Present
Toyota 4x4 V6 (Rear)	88-95
Toyota 4x4 w/Turbo (Rear)	87-95
Toyota 4 Runner (Rear)	
w/Turbo & V6**	84-Present
Celica Supra (Rear)	79-81
FJ Cruiser**	07-Present



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)



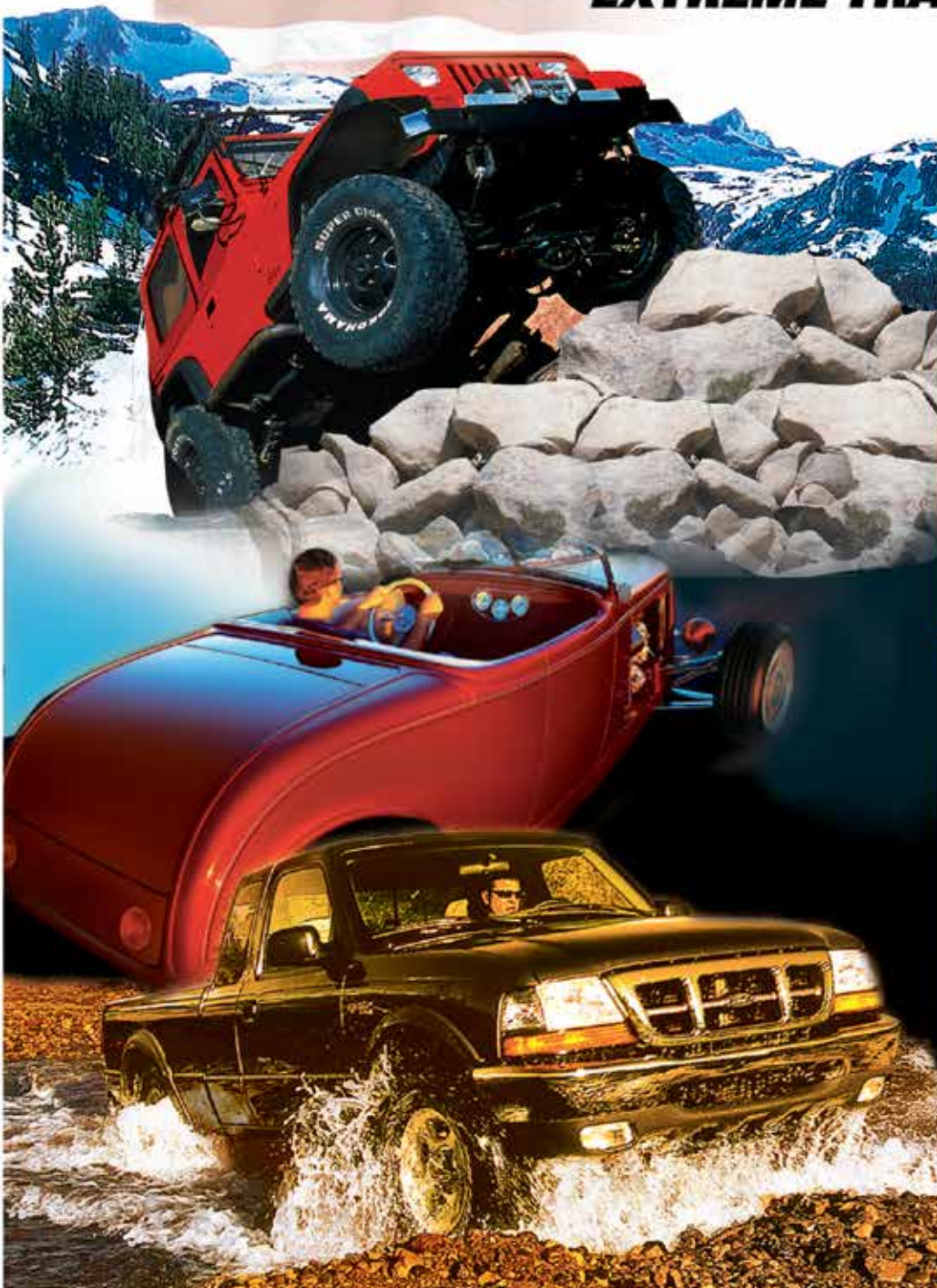
RICHMOND GEAR Synthetic Gear Oil





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

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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	OPEN	TRAC-LOK NON C CLIP	92-0435-2720	
DANA	7.565	MODEL-35	27	OPEN	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

BUICK® RANIER

2004-2007 - GM 8" MIDSIZE TRUCK & SUV - REAR

n/a

n/a

n/a

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

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

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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

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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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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

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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

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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

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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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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

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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

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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

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

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

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

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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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

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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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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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GMC® ENVOY XL

2002-2006 - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

GMC® JIMMY - 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

GMC® PICKUP - C/K/R/V 1500 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

GMC® PICKUP - SIERRA 1500 SERIES

1999-UP - GM 8.25" IFS - FRONT

n/a

n/a

n/a

GMC® PICKUP - SIERRA 1500HD SERIES

2001-2007 - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

GMC® PICKUP - C/K/R/V 2500 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

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

1988-2000 - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

GMC® PICKUP - SIERRA 2500 SERIES

1999-2004 - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

GMC® PICKUP - SIERRA 2500HD SERIES

2001-2007 - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

GMC® PICKUP - C/K/R/V 3500 SERIES

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

2620-LR

92-0460-3500

92-0460-3520

1988-1991 - DANA 60 - 35 SPLINE AXLES - FRONT

2620-LR

92-0460-3500

92-0460-3520

1988-2002 - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

GMC® PICKUP - SIERRA 3500 SERIES

2001-UP - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

GMC® SUBURBAN - C/K/R/V 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

GMC® SUBURBAN - C/K/R/V 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

GMC® S15 JIMMY

1983-2001 - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

GMC® S15 PICKUP

1982-1993 - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

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GMC® SAFARI

1990-2005 - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

GMC® SONOMA

1994-2004 - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

GMC® VAN - SAVANA 1500 SERIES

2003-UP - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

GMC® VAN - SAVANA 2500 SERIES

2003-2006 - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

GMC® YUKON

1992-1999 - GM 8.25" IFS - FRONT

n/a

n/a

n/a

2000-UP - GM 8.25" IFS - FRONT

n/a

n/a

n/a

GMC® YUKON XL 1500

2000-UP - GM 8.25" IFS - FRONT

n/a

n/a

n/a

GMC® YUKON XL 2500

2000-UP - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

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)

HUMMER® H2 SUT

2004-2007 - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

HUMMER® H2 SUV

2003-2009 - GM 9.25" IFS - FRONT

1950-LR

92-0792-3301

n/a

HUMMER® H3T

2009-2010 - GM 7.6" IFS - FRONT

n/a

n/a

n/a

HUMMER® H3 SUV

2005-2010 - GM 7.6" IFS - FRONT

n/a

n/a

n/a

INTERNATIONAL® SCOUT

1961-1971 - DANA 27 - FRONT

2115-LR

n/a

n/a

1968-1971 - DANA 30 - FRONT

2210-LR

92-0430-2700

n/a

INTERNATIONAL® SCOUT II

1971-1977 - DANA 30 - FRONT

2210-LR

92-0430-2700

n/a

1973-1980 - DANA 44 - 30 SPLINE - FRONT

2410-LR

92-0444-3000

92-0444-3020

JEEP® CHEROKEE

1974-1979 - DANA 44 - 30 SPLINE - FRONT

2410-LR

92-0444-3000

92-0444-3020

1980-1983 - DANA 44 - 30 SPLINE - FRONT

2410-LR

92-0444-3000

92-0444-3020

1984-1999 - DANA 30 REVERSE - FRONT

2210-LR

92-0430-2700

n/a

2000-2001 - DANA 30 TJ TYPE - FRONT

2210-LR

92-0430-2700

n/a

JEEP® CJ2A

1945-1949 - DANA 25 - 10 SPLINE - FRONT

2110-LR

n/a

n/a

JEEP® CJ3A

1948-1953 - DANA 25 - 10 SPLINE - FRONT

2110-LR

n/a

n/a

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JEEP® CJ3B

1952-1964 - DANA 25 - 10 SPLINE - FRONT
1964-1968 - DANA 27 - 10 SPLINE - FRONT

2110-LR
2115-LR

n/a
n/a

n/a
n/a

JEEP® CJ5

1971-1983 - DANA 30 - FRONT

2210-LR

92-0430-2700

n/a

JEEP® CJ6

1971-1976 - DANA 30 - FRONT

2210-LR

92-0430-2700

n/a

JEEP® CJ7

1977-1981 - DANA 30 - FRONT
1982-1986 - DANA 30 - FRONT

2210-LR
2210-LR

92-0430-2700
92-0430-2700

n/a
n/a

JEEP® CJ8

1981 - DANA 30 - FRONT
1982-1985 - DANA 30 - FRONT

2210-LR
2210-LR

92-0430-2700
92-0430-2700

n/a
n/a

JEEP® COMANCHEE

1986-1992 - DANA 30 REVERSE - FRONT

2210-LR

92-0430-2700

n/a

JEEP® COMMANDO

1967-1971 - DANA 27 - 10 SPLINE - FRONT
1972-1973 - DANA 30 - FRONT

2115-LR
2210-LR

n/a
92-0430-2700

n/a
n/a

JEEP® GRAND CHEROKEE

1992-1996 - DANA 30 ZJ TYPE - FRONT
1996-2004 - DANA 30 TJ TYPE - FRONT

2210-LR
2210-LR

92-0430-2700
92-0430-2700

n/a
n/a

JEEP® GRAND WAGONEER

1984-1991 - DANA 44 - 30 SPLINE - FRONT

2410-LR

92-0444-3000

92-0444-3020

JEEP® J10

1974-1988 - DANA 44 - 30 SPLINE - FRONT

2410-LR

92-0444-3000

92-0444-3020

JEEP® J20

1974-1988 - DANA 44 - 30 SPLINE - FRONT

2410-LR

92-0444-3000

92-0444-3020

JEEP® LIBERTY

2002-2007 - DANA 30 KJ TYPE - FRONT

2210-LR

92-0430-2700

n/a

JEEP® WAGONEER

1971-1983 - DANA 44 - 30 SPLINE - FRONT
1971-1973 - DANA 30 - FRONT
1984-1990 - DANA 30 REVERSE - FRONT

2410-LR
2210-LR
2210-LR

92-0444-3000
92-0430-2700
92-0430-2700

92-0444-3020
n/a
n/a

JEEP® WRANGLER

1987-1996 - DANA 30 REVERSE - FRONT
1997-2006 - DANA 30 TJ TYPE - FRONT
2003-2006 - DANA 44 TJ RUBICON TYPE - FRONT
2007-2011 - DANA 30 JK TYPE - FRONT
2007-2011 - DANA 44 JK RUBICON TYPE - FRONT

2210-LR
2210-LR
n/a
n/a
n/a

92-0430-2700
92-0430-2700
n/a
n/a
n/a

n/a
n/a
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

MERCURY® MOUNTAINEER

1997-2006 - DANA 35 IFS WITH C.V. AXLESHAFTS - FRONT
2001-2006 - DANA 30 - FRONT

2311-LR
n/a

92-0435-2706
n/a

n/a
n/a

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OLDSMOBILE® BRAVADA

1991-2004 - GM 7.25" IFS - FRONT

1935-LR

n/a

n/a

PLYMOUTH® TRAILDUSTER

1974-1981 - DANA 44 - 30 SPLINE - FRONT

2410-LR

92-0444-3000

92-0444-3020

SUZUKI® SAMURAI

1985-1995 - FRONT

(a) Kit 1510-LR uses factory side gears, which must be in good condition to operate properly

1510-LR (a)

n/a

n/a

TOYOTA® 4 RUNNER

1984-1985 - TOYOTA 8" - FRONT

1610-LR

92-2080-3001

n/a

1986-1995 - TOYOTA 7.5" IFS WITH C.V. AXLESshafts - 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

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. AXLESshafts - FRONT

1611-LR

n/a

n/a

TOYOTA® T100

1993-1996 - TOYOTA 7.5" IFS WITH C.V. AXLESshafts - 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

TOYOTA® SEQUOIA

1995-2004 - TOYOTA TACOMA/TUNDRA 7.5" C.V. STYLE - FRONT

1611-LR

n/a

n/a

AMC® AMBASSADOR

1967-1974 - AMC MODEL 20

1710-LR

92-0120-2900

92-0120-2920

AMC® AMX

1968-1979 - AMC MODEL 20

1710-LR

92-0120-2900

92-0120-2920

AMC® CONCORD

1978-1981 - AMC MODEL 20

1710-LR

92-0120-2900

92-0120-2920

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

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AMC® HORNET

1970-1977 - AMC MODEL 20
1970-1977 - DANA 35

1710-LR
2310-LR

92-0120-2900
92-0435-2700

92-0120-2920
92-0435-2720

AMC® JAVELIN

1968-1974 - AMC MODEL 20
1970-1974 - DANA 35

1710-LR
2310-LR

92-0120-2900
92-0435-2700

92-0120-2920
92-0435-2720

AMC® MARLIN

1967 - AMC MODEL 20

1710-LR

92-0120-2900

92-0120-2920

AMC MATADOR

1971-1978 - AMC MODEL 20

1710-LR

92-0120-2900

92-0120-2920

AMC® PACER

1978-1979 - AMC MODEL 20
1975-1978 - DANA 35

1710-LR
2310-LR

92-0120-2900
92-0435-2700

92-0120-2920
92-0435-2720

AMC® RAMBLER

1969 - AMC MODEL 20

1710-LR

92-0120-2900

92-0120-2920

AMC® REBEL

1969 - AMC MODEL 20

1710-LR

92-0120-2900

92-0120-2920

AMC® SPIRIT

1979 - AMC MODEL 20
1979-1982 - DANA 35

1710-LR
2310-LR

92-0120-2900
92-0435-2700

92-0120-2920
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

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

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BUICK® RIVIERA

1977-1978 - GM 10 BOLT 8.5" - 28 SPLINE AXLES

1920-LR

92-0785-2805

n/a

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

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

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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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CHRYSLER® 300

1957-1968 - CHRYSLER 8.75" 741

1957-1968 - CHRYSLER 8.75" 742

1969-1971 - CHRYSLER 8.75" 489

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1240-LR

n/a

n/a

CHRYSLER® CORDOBA

1975-1983 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

1975-1979 - CHRYSLER 9.25" 12 BOLT

1980-1983 - CHRYSLER 7.25"

1230-LR

92-0382-2705

92-0382-2725

1220-LR

92-0392-3105

92-0392-3125

n/a

n/a

n/a

CHRYSLER® FIFTH AVENUE

1983-1989 - CHRYSLER 7.25"

1983-1989 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

n/a

n/a

n/a

1230-LR

92-0382-2705

92-0382-2725

CHRYSLER® IMPERIAL

1957-1967 - CHRYSLER 8.75" 741

1957-1967 - CHRYSLER 8.75" 742

1981-1983 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1230-LR

92-0382-2705

92-0382-2725

CHRYSLER® LEBARON

1977-1983 - CHRYSLER 7.25"

1977-1983 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

n/a

n/a

n/a

1230-LR

92-0382-2705

92-0382-2725

CHRYSLER® NEW YORKER

1957-1967 - CHRYSLER 8.75" 741

1957-1968 - CHRYSLER 8.75" 742

1969-1973 - CHRYSLER 8.75" 489

1972-1989 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

1974-1981 - CHRYSLER 9.25" 12 BOLT

1982-1989 - CHRYSLER 7.25"

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1230-LR

92-0382-2705

92-0382-2725

1220-LR

92-0392-3105

92-0392-3125

n/a

n/a

n/a

CHRYSLER® NEWPORT

1957-1967 - CHRYSLER 8.75" 741

1957-1968 - CHRYSLER 8.75" 742

1969-1974 - CHRYSLER 8.75" 489

1972-1981 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

1974-1981 - CHRYSLER 9.25" 12 BOLT

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1230-LR

92-0382-2705

92-0382-2725

1220-LR

92-0392-3105

92-0392-3125

CHRYSLER® SARATOGA

1957-1960 - CHRYSLER 8.75" 741

1957-1960 - CHRYSLER 8.75" 742

1240-LR

n/a

n/a

1240-LR

n/a

n/a

CHRYSLER® TOWN & COUNTRY

1957-1967 - CHRYSLER 8.75" 741

1957-1968 - CHRYSLER 8.75" 742

1969-1974 - CHRYSLER 8.75" 489

1972-1981 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

1974-1981 - CHRYSLER 9.25" 12 BOLT

1977-1981 - CHRYSLER 7.25"

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1240-LR

n/a

n/a

1230-LR

92-0382-2705

92-0382-2725

1220-LR

92-0392-3105

92-0392-3125

n/a

n/a

n/a

CHRYSLER® WINDSOR

1957-1961 - CHRYSLER 8.75" 741

1957-1961 - CHRYSLER 8.75" 742

1240-LR

n/a

n/a

1240-LR

n/a

n/a

DODGE® ASPEN

1976-1980 - CHRYSLER 7.25"

1976-1980 - CHRYSLER 8.25" 10 BOLT - 27 SPLINE AXLES

n/a

n/a

n/a

1230-LR

92-0382-2705

92-0382-2725

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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

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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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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

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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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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® CUD

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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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

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 92-0776-260

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. Call or e-mail us if you have a question about your specific application.

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.

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



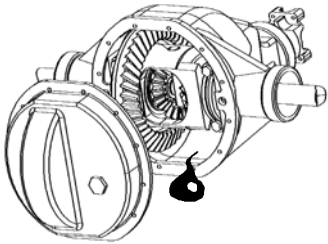
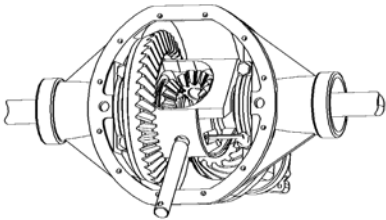
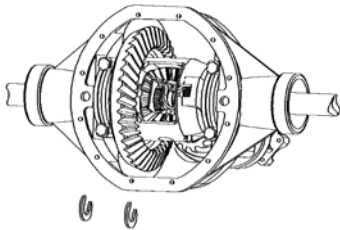
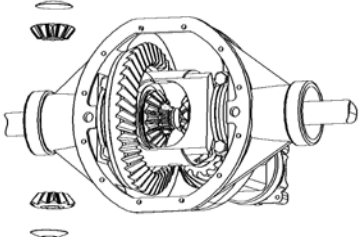
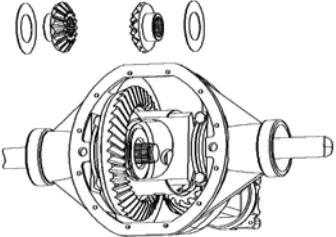
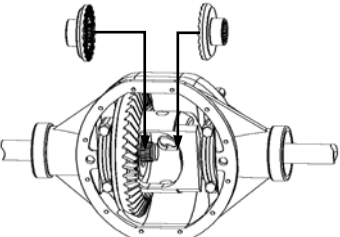
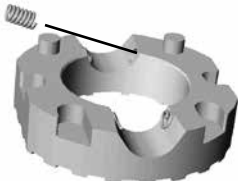
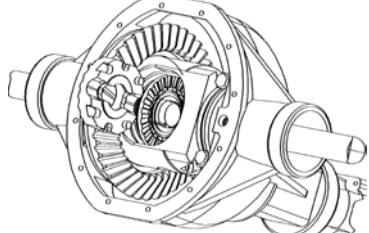
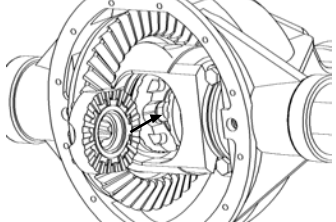
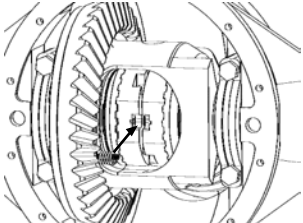
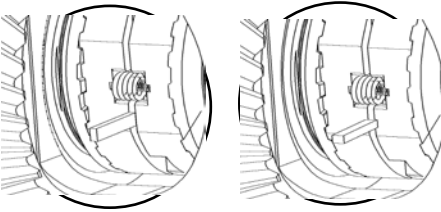
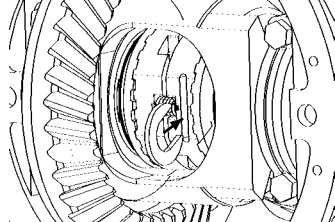
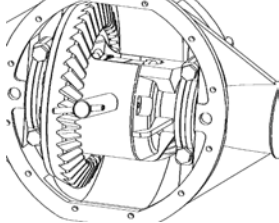
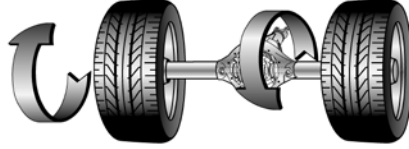
RICHMOND GEAR Synthetic
Gear Oil

NOTES:



NOTES:

Application Guide

 1. Remove cover and drain oil.	 2. Remove cross-shaft.	 3. Push axles in and remove C-clips.
 4. Rotate wheel to remove spider gears.	 5. Remove side gears, and for limited-slip differentials, remove friction plates.	 6. Install couplers, ring gear side first. Install C-clip on ring gear side only.
 7. Insert springs between drivers, on both sides	 8. Insert spacer in driver and seal together on ring gear side coupler	 9. Insert driver and spacer on opposite side coupler.
 10. Insert springs between drivers, on both sides.	 11. Check gap between drivers using check block provided.	 12. Push in axle and insert second C-clip thru slot in driver/spacer.
 13. Install cross-shaft. Twist and push to get past saddle springs.	 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.	 15. Apply sealant to cover and reinstall. Add differential oil.

The Powertrax No-Slip Traction system installs easily (about 1.5 hours) in your existing case without special tools or skills. Easily upgrades open, limited slip and locking differentials. Visit www.richmondgear.com for complete installation manuals and instructions.



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



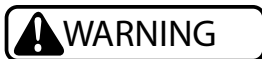
Hi-Performance Ring & Pinions



Installation Videos

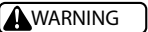
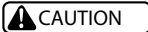


Warnings & Cautions



Please Read Carefully



The following  **DANGER**,  **WARNING** and  **CAUTION** 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 these 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 quotation/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 under 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 SHALL 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