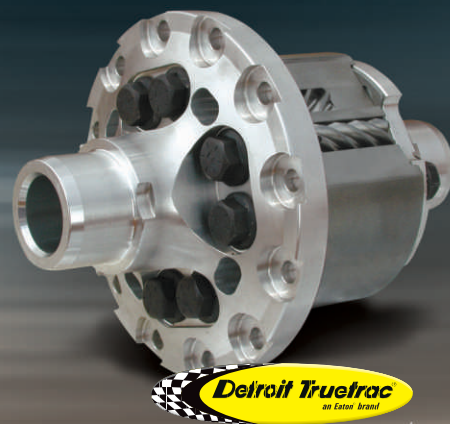




Posi™



Detroit TrueTrac
an Eaton brand



ELocker™

Detroit Locker
an Eaton brand



Powering Business Worldwide

Eaton

Performance Differentials



Posi™

- Carbon Friction Technology
- Precision-Forged Gears
- Automatic
- Rebuildable

The Eaton Posi is the perfect way to control traction in street rods, light duty pickups and everyday drivers.

The Eaton Posi prevents wheel slip before it can get started. To do that, carbon disc clutch packs, preloaded by a central spring assembly, are located behind each differential side gear. When torque input increases the clamping load on the clutch packs increases. That causes the chatter-free clutch packs to grab and transfer power to the other wheel. The Eaton Posi is fully rebuildable with one of our specially formulated clutch kits.

Muscle cars, hot rods and mild off-road vehicles should look to Eaton's limited-slip differential for their traction answers. And the fact is, Eaton's Posi units are virtually bulletproof.



- Helical Gear
- Torque Biasing
- Smooth & Automatic
- Maintenance Free

Eaton's Detroit Truetrac was the first helical gear differential ever introduced into the automotive aftermarket. It remains the leading gear-type limited slip differential in the industry. Detroit Truetrac's proven design eliminates the need for wearable parts, resulting in maintenance free traction. Recognized not only for its durability but also it's smooth and quiet operation.

Engineered to work efficiently in front and rear axles, semi-floating (C-clip axles) and transfer cases. Power transfer is so smooth, it literally goes unnoticed by the driver - even in front wheel drive axles.

Proven design and effective performance, all make the Detroit Truetrac limited slip differential the ideal choice for a wide variety of vehicle applications. No maintenance - Just Traction!



ELocker™

- Push Button
- Maintenance Free
- Driver Controlled
- Serviceable

The ELocker's electromagnetic locking mechanism is the next generation of aftermarket differential technology. Performs as an open differential until you decide that you need more traction. Eaton ELocker is your push button solution to almost any traction problem.

Designed expressly for 4-wheel drive systems to give you the ability to lock or unlock the differentials when necessary. When locked the Eaton ELocker performs as a full locker, capturing 100% of available torque and sending it equally to both ends of the axle.

The ELocker is built with precision-forged gears that are designed to mesh perfectly, providing improved strength and durability over a standard cut gear. Its ease of installation, reliability and push-button activation make ELocker an absolute must for all traction and off-road performance applications.



- 100% Automatic Locking
- Wheel Speed Sensitive
- Legendary Traction
- Unmatched Durability

The legendary Detroit Locker began the revolution in performance differentials and still leads the industry today as an Eaton brand. The Detroit Locker is the most durable and dependable locking differential available.

The Detroit Locker maximizes traction by delivering 100% of the torque to both drive wheels. It is engineered to keep both wheels in a constant drive mode, and has the ability to automatically allow wheel speed differentiation when required. Applications are also available for C-Clip style axles.

No other performance differential has the reputation for delivering traction in mud, snow, rocks and on the track. The choice of professional racers and off-road enthusiasts around the world! The durability of the Detroit Locker is unmatched!



EATON

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LIGHT TRUCK & PERFORMANCE CAR
APPLICATION GUIDE

Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
GM							
Passenger Car • Chevrolet • Pontiac • Buick • Oldsmobile							
1964-72	GM 12 bolt car	8.875"	1.29" 30	3.08-3.90	187C197A	913A555 (pa)	19554-010
1964-72	GM 12 bolt car	8.875"	1.29 30	4.10 & up			19555-010
1964-72	GM 12 bolt car	8.875"	1.41" 33	3.08-3.90	187C198A	914A576 (pa)	
1964-72	GM 12 bolt car	8.875"	1.41" 33	4.10 & up		914A575 (pa)	
	GM 12 bolt car	8.875"	1.50" 35	3.08-3.90	187S196A (ch)		
1955-64	GM 3rd member	8.2"	17	3.90 & dn			19686-010
1988-96	GM 10 bolt C-Clip	8.5/8.6"	1.32" 30	2.73 & up	187C148A	913A481	19559-010 19659-010
1971-89	GM 10 bolt C-Clip	8.5"	1.20" 28	2.73 & up	187C149A	912A556	19557-010
1964-71	GM 10 bolt Buick, Olds, Pontiac	8.2"	28	3.36 & up			19674-010
1964-72	GM 10 bolt Chevrolet	8.2"	28	3.08 & up			19603-010
1988-05	GM 10 bolt	7.5/7.6"	1.20" 28	3.23 & up	162C59A	912A317	19599-010
1975-89	GM 10 bolt C-Clip	7.5"	1.16" 26	3.23 & up	162C58A	911A319	19663-010
				3.08 & dn		911A415	
2004-06	GTO / Monaro		28			912A642	
2010-11	Camaro	218mm	32	3.45, 3.73	"NEW" 912A686		
(ch) custom housing with 3.25" bearing bore.							
(pa) 30 and 33 spline units are made to fit axles cut with 45 degree pressure angle.							
All GM 8.5"/8.6"Eaton differentials require special bearings. For axles with small bearing bores (race O.D. of 2.89"), usually found on vehicles prior to 1999, bearing LM102949 and race LM102911 are required. For axles with large bearing bores (race O.D. of 3.06"), usually found on vehicles from 1999 to present, bearing LM603049 and race LM603012 are required.							
Corvette							
1963-79	8.5" Cast Iron 3rd Member		17	3.08-3.90			19670-010
1985-96	Dana 44		30		913A614		
1997-10	Transaxle C5/C6/Z06		41	3.15 & up			QPS-70-P-20001
2006-07 Z06 and 2008 & up requires use of 28682/28621 bearing and race on long shaft side							
CHEVROLET / GMC							
10/1500 • Truck • SUV • Van							
1977-88	GM 10 bolt	8.5"	1.20" 28	2.73-5.13	187C149A	912A557	19557-010
To 1980	Dana 44	8.5"	1.31" 30	3.73 & dn	187SL16D	913A591	19695-010
			30	3.92 & up	187SL16C	913A592	19747-010
1988-92	GM 10 Bolt	8.5"	1.30" 30	2.73-5.13	187C148A		19559-010 19659-010
1982-07	GM 14 Bolt IFS (HD)	9.25"	33	All			19622-010
10/1500 • Truck • SUV • Van							
1988-09	GM 10 bolt	7.5/7.6"	1.20" 28	3.23 & up	162C59A	912A317	19599-010
1982-89	GM 10 bolt C-Clip	7.5"	1.16" 26	3.23 & up	162C58A	911A319	19663-010
				3.08 & dn		911A415	
2002-10	GM 10 bolt C-Clip	8"	1.20" 28	All		912A654	
1988-09	GM 10 bolt C-Clip	8.5/8.6"	1.32" 30	2.73 & up	187C148A	913A481	19559-010 19659-010
1972-89	GM 10 bolt C-Clip	8.5"	1.20" 28	2.73 & up	187C149A	912A556	19557-010
To 1982	GM 12 bolt C-Clip	8.875"	1.30" 30	3.73 & up	187C150A	913A315	19556-010
				2.76-3.42			19587-010
1981-07	GM 14 bolt C-Clip	9.5"	1.37" 33	All	225C135A	914A538	19590-010 19684-010
GM 8.5"/8.6" Eaton differentials require special bearings. For axles with small bearing bores (race O.D. of 2.89"), usually found on vehicles prior to 1999, bearing LM102949 and race LM102911 are required. For axles with large bearing bores (race O.D. of 3.06"), usually found on vehicles from 1999 to present, bearing LM603049 and race LM603012 are required.							

FRONT

REAR

Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
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CHEVROLET / GMC

20/2500 • Truck • Suburban • Rally/Sport • Van

FRONT

1977-91	GM 10 bolt	8.5"	1.20"	28	2.73 & up	187C149A	912A557	19557-010(mh)	
1988-91	GM 10 bolt	8.5"	1.31"	30	2.73 & up			19559-010(mh)	19659-010
To 1980	Dana 44	8.5"	1.31"	30	3.73 & dn 3.92 & up	187SL16D 187SL16C	913A591 913A592		19695-010 19747-010 19622-010
1982-10	GM 14 Bolt IFS	9.25"		33	All				

(mh) manual locking hubs recommended

REAR

1988-07	GM 10 bolt C-Clip (Van) 8.5/8.6"	1.32"	30		2.73-5.13+	187C148A	913A481	19559-010	19659-010
1978-89	GM 10 bolt C-Clip (Van) 8.5"	1.20"	28		2.73-5.13+	187C149A	912A556		
1981-119	GM 14 bolt C-Clip	9.5"	1.37"	33	All	225C135A	914A538	19590-010	19684-010
1972-11	GM 14 bolt	10.5"	1.50"	30	4.10 & dn	225S10 (a)	*NEW* 915A545	19689-010	
1973-11	GM 14 bolt	10.5"	1.50"	30	4.56 & up	225S10 (a)	*NEW* 915A547	19610-010(rgbl)	
1975-77	Dana 60HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A385 915A386		
To 1974	Dana 60	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 913A390		19722-010 19737-010
	Dana Super 60	9.75"	1.70"	40	4.10 & dn	225SL193A			
	Dana Super 60	9.75"	1.70"	40	4.56 & up	225SL193B			
2001-11	AAM	11.5"		30	All	*NEW* 250S195A	915A568		

All GM 8.5"/8.6"Eaton differentials require special bearings. For axles with small bearing bores (race O.D. of 2.89"), usually found on vehicles prior to 1999, bearing LM102949 and race LM102911 are required. For axles with large bearing bores (race O.D. of 3.06"), usually found on vehicles from 1999 to present, bearing LM603049 and race LM603012 are required.

(a) 225S10 differential replaces the conventional differential internals used in certain 1973 thru present GM axles. If it is to be installed in a GM axle equipped with an optional Eaton differential, it will also be necessary to purchase a new gear support case assembly, GM #6258336 or #6258340, depending upon gear ratio.

(rgbl) Requires ring gear bolt - GM part #12479387

30/3500 R/V • Cab & Chassis • Motor Home • Bus Chassis • Truck C/K • Van

FRONT

1977-87	Dana 60HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A387 915A388		19760-010 19761-010 19622-010
1982-10	GM 14 Bolt IFS	9.25"		33	All				

REAR

1988-11	GM 14 bolt C-Clip	9.5"	1.37"	33	All	225C135A	914A538	19590-010	19684-010
1973-11	GM 14 bolt	10.5"	1.50"	30	4.10 & dn 4.56 & up	225S10 (a) 225S10 (a)	*NEW* 915A545 *NEW* 915A547	19689-010 19610-010(rgbl)	
1973-94	Dana 70HD with 4" dia. axle tubes FLAT STYLE CAB	10.5"							
	5/8" Pinion Offset		1.50"	35	4.10 & dn	225SL58B	*NEW* 915A670		
	5/8" Pinion Offset		1.50"	35	4.56 & up	225SL58A			
1988-89	Dana 70-3U HD w/3.5" dia. axle tubes AERODYNAMIC CAB:	10.5"							
	5/8" Pinion Offset		1.50"	35	3.21, 3.42	225SL58A			
	31/32" Pinion Offset		1.50"	35	3.54-4.56	225SL58E			
1973-91	Dana 60HD (G Series)	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A385 915A386		19760-010 19761-010
1984-86	Dana 70U	10.5"	1.50"	35	4.10 & dn	225SL58D			
1979-80	Dana 70B	10.5"			4.56 & up	225SL58C			
2001-11	AAM	11.5"	1.55"	30	All	*NEW* 250SL195A	915A568		

(a) 225S10 differential replaces the conventional differential internals used in certain 1973 thru present GM axles. If it is to be installed in a GM axle equipped with an optional Eaton differential, it will also be necessary to purchase a new gear support case assembly, GM #6258336 or #6258340, depending upon gear ratio.

(rgbl) Requires ring gear bolt - GM part #12479387

3500 HD

REAR

1992-07	Dana 80	11.5"	1.60"	37	4.10 & up 3.73 & dn	225SL105A	916A427 916A566		
To 1986	GM 11000 lb. Rockwell 100/102/200	12" 1.62"	1.75" 16	27	All	250S-27 225S15			
2001-11	AAM	11.5"	1.55"	30	All	*NEW* 250S195A	915A568		

Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker		
CHRYSLER / DODGE / PLYMOUTH									
D-50, 100, 150, 200 & 250, A, B, D, W									
Passenger Car • Truck • Power Wagon • Ramcharger • Sportvan • Van									
FRONT	1984-01	Dana 44	8.5"	1.31"	30	3.73 & dn 3.92 & up	187SL16D 187SL16C	913A591 913A592	19695-010 19747-010 19722-010 19737-010
	1994-99	Dana 60	9.75"	1.31"	30	4.10 & dn 4.56 & up			
	1971-93	Dana 60HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A387 915A388	19760-010 19761-010
	To 1972	Dana 70	10.5"	1.50"	23	All	225S14		
	1997-09	Chrysler C-Clip	8.375"	1.21"	29	2.73 & up	187C179A	912A553	
	1969-96	Chrysler C-Clip	8.375"	1.17"	27	2.73 & up	187C151A		
	1974-10	Chrysler C-Clip	9.25"	1.32"	31	2.76-4.56	187C172A	913A368	
	1969-74	Chrysler	8.75"	1.28"	30	2.76-4.56	187SL14A	913A572	
	1969-74	Chrysler	8.75"	1.31"	33	2.76-4.56		914A583 (pa)	
	(pa) 33 spline units are made to fit axles cut with 45 degree pressure angle.								
REAR	1972-02	Dana 60	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 913A390	19722-010 19737-010
	To 1971	Dana 60	9.75"	1.24"	16	4.10 & dn 4.56 & up	225S12C 225S12A		
	1972-90	Dana 70	10.5"	1.50"	35	4.10-3.54 4.56 & up	225SL58D 225SL58C		
	1991-02	Dana 70	10.5"	1.41"	32	4.10 & dn 4.56 & up	225SL107D 225SL107C		
		Dana Super 60	9.75"	1.70"	40	4.10 & dn	225SL-193A		
		Dana Super 60	9.75"	1.70"	40	4.56 & up	225SL-193B		
	2003-09	AAM	11.5"		30	All	*NEW* 250S-195A	915A568	
	300, 350, 400, B, C, M, W								
	Cab & Chassis • Motor Home • Truck • Power Wagon • Van								
	FRONT	2003-09(rp)	AAM Dodge	9.5"		33			914A643
1976-00		Dana 60HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A387 915A388	19760-010 19761-010
1971-76		Dana 70	10.5"	1.50"	35	4.56 & up (7)	225SL58C		
To 1974		Dana 70	10.5"	1.50"	23	All	225S14		
(rp) 2007 and newer requires 2003-2006 ring and pinion									
1975-02		Dana 60, 60HD, 60M	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 913A390	19722-010 19737-010
1991-02		Dana 70	10.5"	1.41"	32	4.10 & dn 4.56 & up	225SL107D 225SL107C		
1972-90		Dana 70	10.5"	1.50"	35	4.10 & dn (7) 4.56 & up (7)	225SL58D 225SL58C		
1972-85		Dana 70HD	10.5"	1.50"	35	4.10 & dn (7) 4.56 & up (7)	225SL58B 225SL58A	*NEW* 915A670	
1971-74		Dana 70	10.5"	1.50"	35	All	225S18		
To 1974	Dana 70	10.5"	1.50"	23	All	225S14			
1994-02	Dana 80	11.5"	1.52"	35	4.10 & up 3.73 & dn	225SL131A	915A450 915A567		
2003-09(rp)	AAM	11.5"		30	All	*NEW* 250S-195A	915A568		
(rp) 2007 and newer requires 2003-2006 ring and pinion									
REAR	FORD / LINCOLN / MERCURY								
	Small Truck • Mini Van • SUV								
	1990-94	Explorer, Dana 35 IFS Snap ring	1.14"	27	3.54 & up	162C56A		19821-010(b)	
	1990-97½	Ranger, Dana 35 IFS Snap ring			3.54 & up	162C56A		19821-010(b)	
	1983-96	Dana 44 C-Clip	8.5"	1.31"	30	3.73 & dn 3.92 & up		913A591 913A592	19695-010 19747-010
	1997-09	Ford IFS	8.8"	1.20"	28	All		912A563	19685-010
	To 1982	Dana 44	8.5"	1.31"	30	3.73 & dn 3.92 & up	187SL16D 187SL16C	913A591 913A592	19695-010 19747-010
	(b) Bearing LM102949 and race LM102911								

Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
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FORD / LINCOLN / MERCURY

Passenger Car • Small Truck • Mini Van • SUV (continued)

1978-09	Ford C-Clip	7.5"	1.20"	28	All	162C57A	912A316		
1987-11	Ford C-Clip	8.8"	1.32"	31	All	187C145A(+)	913A561	19588-010	19660-010
1987-11	Ford	8.8"		33			*NEW* 913A701		
1983-11	Ford C-Clip	8.8"	1.20"	28	All	187C147A(+)	912A562	19605-010	
1983-86	Ford C-Clip	8.8"	1.32"	31	All	187C146A(+)		19588-010	19660-010
To 1979	Ford	9"	1.20"	28	3.25 & up	187SL13A	912A587		
1957-78	Ford	9"	1.32"	31	3.25 & up	187SL17B	913A586		
	Ford	9"	1.50"	35	3.25 & up	187S160A	*NEW* 914A690		
To 1978	Ford	8"	1.20"	28	3.25 & up	187S13D	912A616*		

* Ford 8" Truetrac application requires bearing LM102949 and race LM102910

F/E-100/150 • Truck • SUV • Van

1977-79	Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A589		19695-010
			1.31"	30	3.92 & up	187SL16C	913A590		19747-010
1987-11	Ford C-Clip	8.8"	1.32"	31	All	187C145A(+)	913A561	19588-010	19660-010
1983-86	Ford C-Clip	8.8"	1.32"	31	All	187C146A(+)		19588-010	19660-010
1957-87	Ford	9"	1.20"	28	3.25 & up	187SL13A	912A587		
1957-87	Ford	9"	1.32"	31	3.25 & up	187SL17B	913A586		
To 1974	Ford 9" 1.62" bearing hub dia.		1.20"	28	3.25 & up	187SL13A			
1997-11	Ford	9.75"	1.37"	34	All	225C194A	913A477		

F/E-250 (98' Super Duty) • Truck • Van • Excursion

1983-97	Dana 44 C-Clip IFS	8.5"	1.31"	30	3.73 & dn		913A591		
					3.92 & up		913A592		
To 1982	Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A591		19695-010
					3.92 & up	187SL16C	913A592		19747-010
1997-08	Ford IFS Snap ring	8.8"	1.20"	28	All	187C147A(+)	912A563		
1979	Dana 60 (f)	9.75"	1.50"	35	4.10 & dn	225SL29B	915A387		19760-010
					4.56 & up	225SL29A	915A388		19761-010
1983-84	Ford C-Clip	8.8"	1.32"	31	All	187C145A(+)		19588-010	19660-010
To 1974	Dana 60	9.75"	1.31"	16	4.10 & dn	225S12C			
					4.56 & up	225S12A			
	Dana Super 60	9.75"	1.70"	40	4.10 & dn	225SL193A			
	Dana Super 60	9.75"	1.70"	40	4.56 & up	225SL193B			
1975-84	Dana 60-3	9.75"	1.31"	30	4.10 & dn	225SL19B	913A389		19722-010
					4.56 & up	225SL19A	913A390		19737-010
1974-87	Dana 61-1	9.75"	1.31"	30		See Note (6)			
1985-11	Ford	10.25"/10.5"	1.50"	35	All	225SL56A(ff)	915A550(ff)	19694-010(ff)	
1983-85	Dana 70U	10.5"	1.50"	35	4.10 & dn (7)	225SL58D			
					4.56 & up (7)	225SL58C			

(ff) Full Float only

F/E 350, 450, 550 • (98' & up Super Duty) • Truck • Van • Wagon • Cab & Chassis

1979-07	Dana 60	9.75"	1.50"	35	4.10 & dn	225SL29B	915A387		19760-010
1978-79	Dana 60	9.75"			4.56 & up	225SL29A	915A388		19761-010
1981-87	Dana 61-1	9.75"	1.31"	30		See Note (6)			
1978-79	Dana 60 Snowplow package only		1.31"	30	4.10 & dn	225SL19B	913A389		19722-010
	9.75"				4.56 & up	225SL19A	913A390		19737-010
To 1974	Dana 60	9.75"	1.31"	16	4.10 & dn	225S12C			
					4.56 & up	225S12A			
To 1972	Dana 70	10.5"	1.50"	23	All	225S14			
1975-85	Dana 70HD	10.5"	1.50"	35	4.10 & dn (7)	225SL58B	*NEW* 915A670		
					4.56 & up (7)	225SL58A			
1983-97	Dana 70-U-1,-2	10.5"	1.50"	35	4.10 & dn (7)	225SL58D			
					4.56 & up (7)	225SL58C			
1985-11	Ford	10.25"/10.5"	1.50"	35	All	225SL56A(ff)	915A550(ff)	19694-010(ff)	
1990-98	Dana 80	11.5"	1.60"	37	3.73 & dn		916A566		
1990-98	Dana 80	11.5"	1.60"	37	4.10 & up(tn)	225SL105A	916A427		
1998-09	Dana 80	11.5"	1.50"	35	3.73 & dn		915A567		
1998-09	Dana 80	11.5"	1.50"	35	4.10 & up(tn)	225SL131A	915A450		
1998-09	Dana S135		1.84"	36	4.63-5.38	250SL166			

(ff) Full Float only

(tn) will fit OE 3.73 thin gear sets

Year	Description	Axle Shaft Dia.	Shaft Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
HUMMER								
H1, H2, H3								
2003-09	H1(military / other) AMC IFS	8.875"	1.27"	29	2.73 & dn 3.08 & up	187SL163A 187SL47A	912A549	
	H2 IFS	9.25"		33	All			19622-010
2003-09	H1(military / other) AMC IRS	8.875"	1.27"	29	2.73 & dn 3.08 & up	187SL163A 187SL47A	912A573 912A579	
2006-09	H2	9.5"	1.37"	33	All	225C135A	914A538	19590-010
	H3	8.6"	1.32"	30	2.73 & up	187C148A	913A481	19559-010 19684-010 19659-010
ISUZU								
Rodeo								
1993-00	Dana 44	8.5"/9"	1.31"	30	3.73 & dn 3.92 & up	187SL16D 187SL16C	913A589 913A590	19695-010 19747-010
(US only)								
1989-93	GM 10 bolt	7.5"	1.20"	28	3.23 & up	162C59A	912A317	
JEEP								
Cherokee • Grand Cherokee • Liberty • Post Office Truck • Scrambler • Wagoneer • Wrangler								
1971-06	Dana 30	7.2"	1.16"	27	3.54 & dn 3.73 & up	162SL60A(g) 162SL60B(g)	912A584(g) 912A585(g)	19817-010(b) 19818-010(b) 19819-010(b)
1971-06	Dana Super 30				3.73 & up			19695-010
1970-09	Dana M-44-IF, IFHD	8.5"	1.31"	30	3.73 & dn 3.92 & up	187SL16D(g) 187SL16C(g)	913A591(g) 913A592(g)	19747-010
2007-11	JK Dana 30	7.2"	1.16"	27	3.54 & dn 3.73 & up	162SL60A(g) 162SL60B(g)	912A584(g) 912A585(g)	19817-010(b) 19818-010(b)
1997-09	Chrysler C-Clip	8.375"	1.21"	29	All	187C179A	912A553	
1991-96	Chrysler C-Clip	8.375"	1.17"	27	All	187C151A		
1984-09	Dana 35 C-Clip	7.56"	1.18"	27	3.54 & up	162C56A	912A569	19821-010(b)
1985-89	Dana 35 non C-Clip	7.56"	1.18"	27	3.54 & up	162C56A	912A569	19821-010(b)
	Dana Super 35	7.56"		30	3.54 & up	162C-66A(b)		19822-010(b)
2007-11	JK Dana 44	8.5"	1.31"	30	All	187SL16D	913A589	19695-010
1997-06	Wrangler Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A589	19695-010
1969-09	Various Dana 44	8.5"	1.31"	30	3.92 & up	187SL16C	913A590	19747-010
	Various Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A589	19695-010
1964-70	Dana 44	8.5"	1.25"	19	3.73 & dn 3.92 & up			*NEW* 19961-010 *NEW* 19960-010
1974-88	Dana Super 44	8.5"	1.36"	33		187SL192A		
	Dana M60-3R	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 913A390	19722-010 19737-010
1976-86	AMC 20	8.875"	1.27"	29	3.08 & up 2.73 & dn	187SL47A 187SL163A	912A579 912A573	

(b) Bearing LM102949 and race LM102911 and unique shims are required.
 (g) Applies to non disconnect only.



ELocker™

	Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
LAND ROVER								
Rover Type & Salisbury								
FRONT	1993-00	Rover Type	1.24" 24	3.54	187SL173A(k)	912A407(k)		
	1985-93	Rover Type	1.11" 10	3.54	187SL174A(m)	910A416(m)		
		Salisbury 8HA	1.24" 24	3.54	225SL36			
REAR	1993-00	Rover Type	1.24" 24	3.54	187SL173A(n)	912A383(n)		
	1985-93	Rover Type	1.11" 10	3.54	187SL174A(p)	910A400(p)		
		Salisbury 8HA	1.24" 24	3.54	225SL36			
		Salisbury Defender	24	4.10 & dn		912A593		
(k) Axle serial numbers 49L11363C or 57L05188B and later								
(m) Axle serial numbers and later: Range Rover - suffix H, 88/109 4 cyl. ¾ ton - suffix H, 109 V8/1ton - suffix D								
(n) Axle serial numbers 35S18135C or 37S08651B and later								
(p) Axle serial numbers and later: Range Rover - suffix F, 88 -suffix G, 109 V8/1ton - (Salisbury standard), 109 4 cyl. ¾ ton - (Salisbury optional)								
NISSAN								
Titan • Truck • Xterra • Frontier								
REAR	2003-07	Titan M226	1.38" 32	All		913A582(m)		
		H233	1.25" 31	All	187SL167A			
	2003-07	Xterra M226 w/manual trans.	1.38" 32	All		913A582(m)		
	2005-07	Frontier w/M226 option	1.38" 32	All		913A582(m)		
(m) All vehicles equipped with OE Electric Locker require modification.								
SAAB								
9-7X								
REAR	2005 1/2-07	8.6"	1.32" 30	2.73 & up	187C148A	913A481	19559-010	19659-010
TOYOTA								
4 Cylinder - Hilux • 4 Runner • Celica • Celica GT								
FRONT	1974-85	8" 2 pinion	1.30" 30	All	187SL61A	913A609(v)		
	1986-88	7.5" IFS	1.10" 27	All		911A445(t)(v)		
	1986-04	7.5" IFS (v) 4 Runner only	1.10" 27	All		911A445		
	1989-04	7.5"	1.30" 27	All		911A644(w)		
REAR	1974-96	8" 2 pinion (v) non turbo	1.30" 30	All	187SL61A	913A611		
	1986-96	8" 4 pinion 4x4 turbo/gas/diesel	1.30" 30	All	187SL61B*	913A610*		
	1995-05	8.4" Tacoma, Tundra, T-100	1.29" 30	3.54-5.29	187SL199A	913A541		
6 Cylinder - Hilux • 4 Runner								
REAR	1986-95	8" 4 pinion (w) 4x4 turbo/gas/diesel, 4x2 cab chassis	1.30" 30	All	187SL61B	913A610		
	1995-05	8.4" Tacoma, Tundra, T-100	1.29" 30	3.54-5.29	187SL199A	913A541		
911A644 - will not fit clamshell housing								
* 32010X bearing allows 913A610 in place of 913A611								
(t) Will not fit selector disconnect "shift on the fly"								
(v) "Small" hub bearing dia. 45 mm								
(w) "Large" hub bearing dia. 50 mm - uses Toyota bearing #90368-50006								
Land Cruiser II • FJ								
FRONT	1990-07	8"4 pinion (w)	1.30" 30	All	187SL61B	913A612		
	1967-89	9.5" 2 pinion C-Clip	1.30" 30	All	187C152A			
REAR	1967-97	9.5" C-Clip	1.30" 30	All	187C152A			
		Australian 8 7/8"	1.31" 30	All	225SL124A			
	2005-09	FJ80	1.30" 30	All		913A610		

Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
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PERFORMANCE

	Dana 30, Volvo/RWD 7.2"	1.15"	27	3.73 & up		912A588	
	Dana Super 35 7.56"	1.15"	30	3.54 & up	162C66A(b)		19822-010(b)
	Chrysler 8.75"	1.20"	30	2.76-5.57	187SL14A	913A572	
	Chrysler 8.75"	1.31"	33	2.76-4.56		914A583 (pa)	
	Dodge Viper		30			913A614	
	Dana Super 44 8.5"/9"	1.36"	33	3.92 & up	187SL192A(CB)		
1964-72	GM 12 Bolt car 8.875"	1.41"	33	3.08-3.90	187C198A	914A576 (pa)	
1964-72	GM 12 Bolt car 8.875"	1.41"	33	4.10 & up		914A575 (pa)	
1964-72	GM 12 Bolt car 8.875"	1.50"	35	4.10 & up	187S196A(ch)		
	Ford 8.8"		33	All		*NEW*913A701	
	Ford 9"	1.50"	35	All exc. 2.72	187S160A	*NEW*914A690	
	Ford 9"	1.32"	31	All exc. 2.72	187SL-188A (2" Bearing Journal)		
	Dana 60 rear 9.75"	1.50	35	4.10 & dn		915A385	19760-010
				4.56 & up		915A386	19761-010
	Dana Super 60 9.75"	1.70"	40	4.10 & dn	225SL193B		
	Dana Super 60 9.75"	1.70"	40	4.56 & up	225SL193A		

(pa) 33 spline units are made to fit axles cut with 45 degree pressure angle.

(b) Bearing LM102949 and race LM102911 and unique shims are required.

((ch) custom housing with 3.25" bearing bore.

(w) "Large" hub bearing dia. 50 mm - uses bearing #90368-50006

(pa) 33 spline units are made to fit axles cut with 45 degree pressure angle.

(pl) includes 800# preload springs.

(CB) LM104949 / LM104912

Circle Track Racing Applications

Ford 9" CTR only	1.32"	31	All exc. 2.72	R18703A
Ford 9" 2.00 Large Bearing	1.32"	31	All	R18715A (was R18707A)
Quick Change (Franklin, Halibrand, Richmond, Winters, etc.) CTR only	1.32"	31	All	R18705A (aluminum housing)

The Detroit Locker CTR (Circle Track Racing) version of the Detroit Locker is made exclusively for left hand turn racing only. Designed for use of asphalt or concrete tracks being 1/2 mile or larger.

INDEPENDENT TESTING OF DIFFERENTIALS

- check it out at EatonPerformance.com

Independent Testing Firm, National Technical Systems, tested a group of Eaton's differentials along with competitor's differentials. The baseline for testing was established using Eaton's differentials. All differentials were held to the same exact parameters during testing. According to the test results, NTS has determined,

"Eaton differentials outperformed the competitor's differentials nearly two to one."



Posi Limited Slip Service Kits

29402-00S	Disc & Shim Kit	Steel discs, guides, shims, 24 steel discs			X	X	X	X	X	X	
29403-00S	Disc & Shim Kit	Steel discs, guides, shims, 18 steel discs			X	X	X	X	X	X	
29406-00S	Disc & Shim Kit	Carbon discs, guides, shims									
29408-00S	Disc & Shim Kit	Carbon discs, guides, shims									
29417-00S	Disc & Shim Kit	Carbon discs, guides, shims	X	X							
29418-00S	Disc & Shim Kit	Carbon discs, guides, shims									
29422-00S	Disc & Shim Kit	Carbon discs, guides, shims									X
29426-00S	Disc & Shim Kit	Carbon discs, guides, shims			X	X	X	X	X	X	
29366-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29404-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw			X						
29405-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw	X								
29407-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29409-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29410-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw								X	
29411-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29412-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29414-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw		X							
29415-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29416-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29419-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw							X		
29420-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29421-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29423-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									
29424-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw						X			
29425-00S	Gear Service Kit	Side gear, pinion gears, washers, shaft screw				X	X				
PS-97-P-20007	Gear Service Kit	Side gear, pinion gears, washers, shaft screw									X
29239-00S	Preload Kit (400#)	Springs, plates									
29255-00S	Preload Kit (400#)	Springs, plates									
29589-00S	Preload Kit (200#)	Springs, plates			X	X	X	X	X		
29590-00S	Preload Kit (400#)	Springs, plates			X	X	X	X	X		
29591-00S	Preload Kit (800#)	Springs, plates			X	X	X	X	X	X	
29713-00S	Preload Kit (400#)	Springs, plates	X	X							
29716-00S	Preload Kit (400#)	Springs, plates									
29793-00S	Preload Kit (300#)	Springs, plates									X
PS97P20004	LH stub shaft										X
PS97P20005	RH stub shaft										X
99434-00S	Lock Screw Kit	10 Lock screws									
99942-01S	Lock Screw Kit	10 Lock screws (19559, 19557, 19663, 19599)									
29587-01S	Lock Screw Kit	10 Lock screws and locker washers									
29789-01S	Lock Screw Kit	10 Lock screws and locker washers									

Posi Limited Slip Service Kits

X	X	X	X	X				X	X					
X	X	X	X	X				X	X					
											X			
						X	X						X	X
										X		X		
X	X	X	X	X				X	X					X
													X	X
											X			
						X	X							
X														
	X	X	X	X										
						X			X					
								X						
													X	
					X	X								
X	X	X	X	X		X	X	X	X					
X	X	X	X	X				X	X					
X	X	X	X	X										
						X						X	X	X
												X		

Part Number	Description	Standard Package	GM 8.5"/8.6"	GM 9.25"	GM 9.5"	Ford 8.8"	Ford 8.8"	Various	Various	Various
			19659-010	19622-010	19684-010	19660-010	19685-010	Dana 30/35	Dana 44	Dana 60
ELocker Service Kits										
29235-00S	Universal Wiring Kit	Dash switch , fuse & holder, relay, suppression device, wiring harness & connectors, conduit	X	X	X	X	X	X	X	X
26881-00S	Gear Service Kit Dana 60, 30 spline	Side gear, pinion gears, shims, pinion thrust washers ramp pins, ramp pin retainer, pinion shaft, shaft lock screw								X
26882-00S	Gear Service Kit Dana 60, 35 spline	Side gear, pinion gears, shims, pinion thrust washers ramp pins, ramp pin retainer, pinion shaft, shaft lock screw								X
26883-00S	Gear Service Kit Dana 44, 30 spline	Side gear, pinion gears, shims, pinion thrust washers ramp pins, ramp pin retainer, pinion shaft, shaft lock screw							X	
29296-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers, ramp pins, ramp pin retainer, pinion shaft, shaft lock screw	X							
29308-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers, ramp pins, ramp pin retainer, pinion shaft, shaft lock screw				X				
29309-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers ramp pins, ramp pin retainer, pinion shaft, shaft lock screw					X			
29394-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers ramp pins, ramp pin retainer, pinion shaft, shaft lock screw		X	X					
26884-00S	Locking Mechanism Kit	Ball ramp set, ball bearings, preload springs, thrust bearing, bearing race, retaining ring								X
26885-00S	Locking Mechanism Kit	Ball ramp set, ball bearings, preload springs, thrust bearing, bearing race, retaining ring							X	
29305-00S	Locking Mechanism Kit	Ball ramp set, ball bearings, preload springs, thrust bearing, bearing race, retaining ring	X			X	X			
29396-00S	Locking Mechanism Kit	Ball ramp set, ball bearings, preload springs, thrust bearing, bearing race, retaining ring		X	X					
26663-00S	Stator/Armature Kit	Stator assembly, armature, retaining bracket						X		
26664-00S	Stator/Armature Kit	Stator assembly, armature, retaining bracket							X	
26665-00S	Stator/Armature Kit	Stator assembly, armature, retaining bracket								X
29393-00S	Stator/Armature Kit	Stator assembly, armature, retaining bracket	X			X	X			
29395-00S	Stator/Armature Kit	Stator assembly, armature, retaining bracket			X					
29397-00S	Stator/Armature Kit	Stator assembly, armature, retaining bracket		X						

NOTES

(+) +4.56, 4.88 and 5.13 require some modification for install.

(1) "dia. r.g." is the pitch diameter of the ring gear. "10 bolt" means number of bolts in the differential housing cover.

(2) The axle shaft diameter is the "major diameter" measured over the splines at the outer end of the shaft.

(3) "& up" after the ring gear/pinion ratio means that all numerically higher ratios, in addition to the one designated, are also accommodated.
"& dn" after the ratio means that all numerically lower ratios are accommodated.

(4) A "letter" after the model indicates a two-piece differential support case is supplied by Eaton with the differential. All other models (no letter) fit the two-piece differential case supplied by the axle/vehicle manufacturer. Bolts, bearings, shims & gaskets are not supplied.
The "Detroit SofLocker" differential indicated by an "SL" in the model number (187SL16D), provides smooth and reduced noise operation in the drive-coast mode. A dampening device has been inserted into the inboard end of each side gear.
The "Detroit C-Locker" differential indicated by a "C" in the model number (187C149A), accommodates axles with C-Clip axle shaft retainers inside the differential.

(5) Detroit Locker differentials should not be used in front-drive axles or light on-highway vehicles unless used with unlocking hubs that are fully unlocked on-highway.

(6) Dana 61-1 FULL FLOAT 1.31" dia. r.g./30 axle spline:
3.31 & down ratios, use Detroit SofLocker 225SL19B

3.54, 3.73, 4.10 ratios, THIN RING GEAR with standard differential;

Number on ring gear is:	32503 = 3.54 ratio	
	34508 = 3.73 ratio	Use Detroit SofLocker 225SL19C
	30360 = 4.10 ratio	

3.54, 3.73, 4.10 & 4.56 ratios, THICK RING GEAR with limited slip differential;

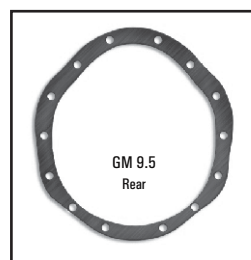
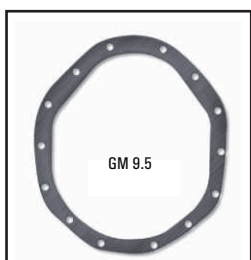
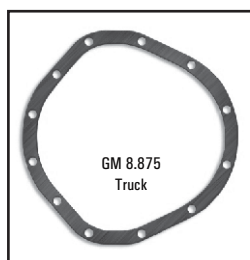
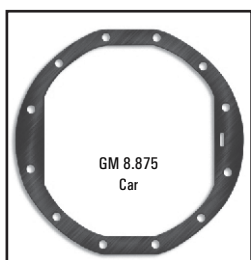
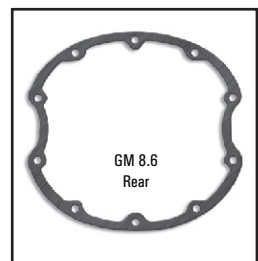
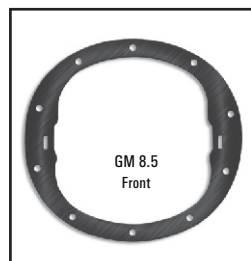
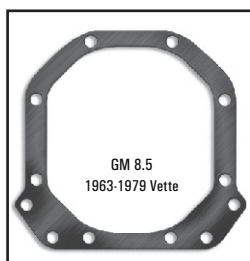
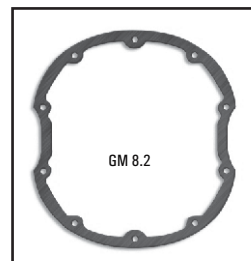
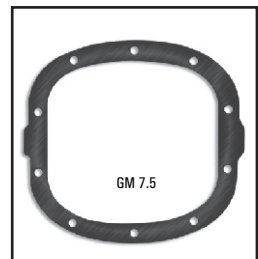
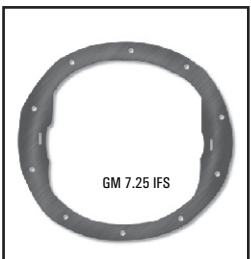
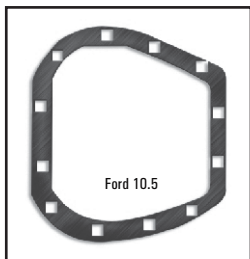
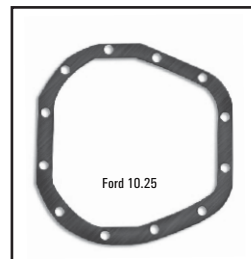
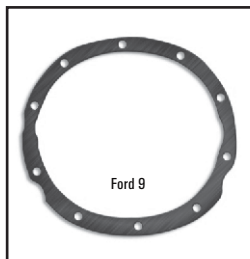
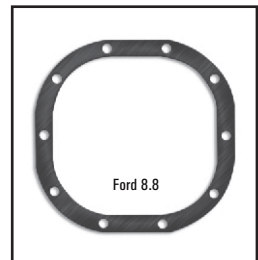
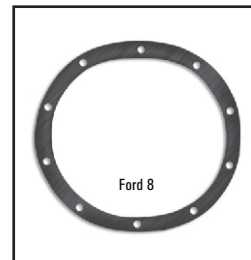
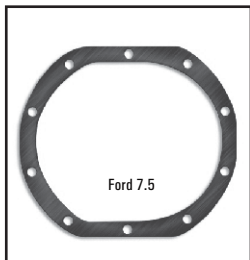
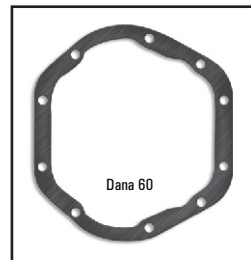
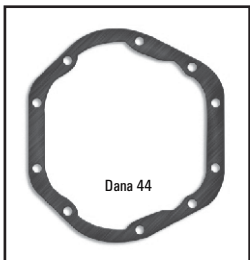
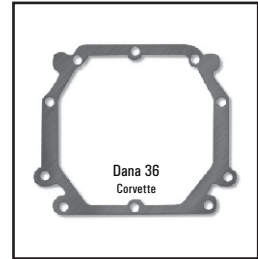
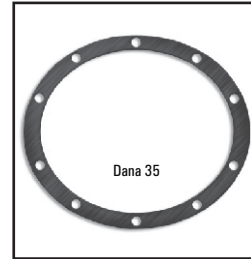
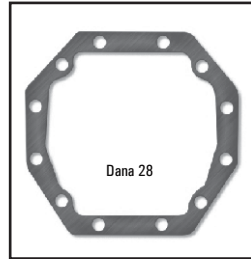
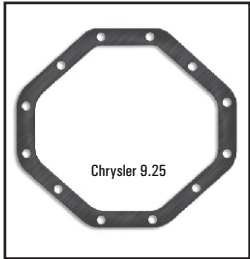
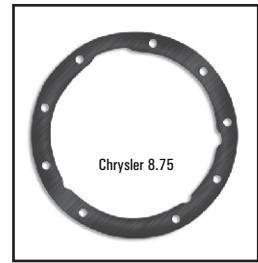
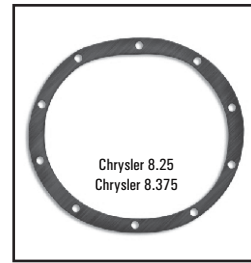
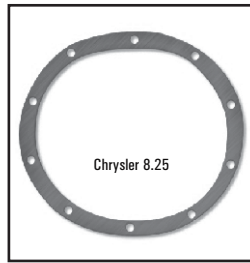
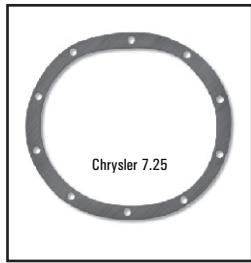
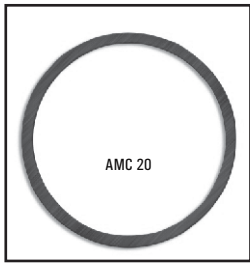
Number on ring gear is:	39211 = 3.54 ratio	
	37875 = 3.73 ratio	Use Detroit SofLocker 225SL19A
	39300 = 4.10 ratio	
	39299 = 4.56 ratio	Use Detroit SofLocker 225SL19C

(7) Dana 70/70 HD, 35 splines: Use Detroit Locker 225S-18 if two piece case; use 225SL58 A, B, C, D if a one piece case.

For Drag Racing applications:

When using a Locker with trans brake - take the lash out of the Locker before pre-staging.

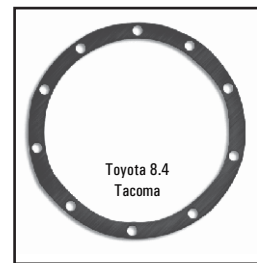
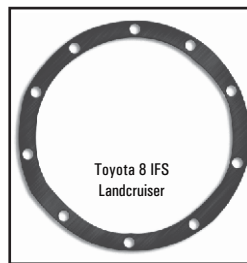
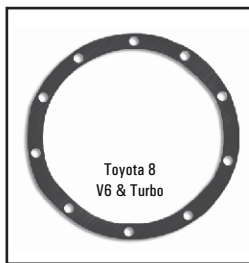
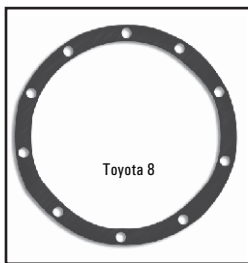
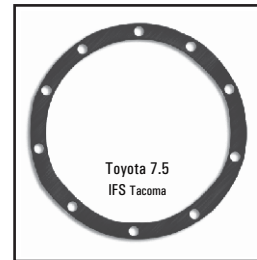
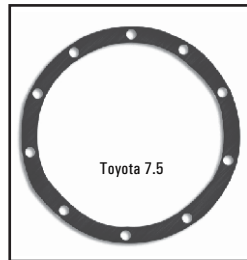
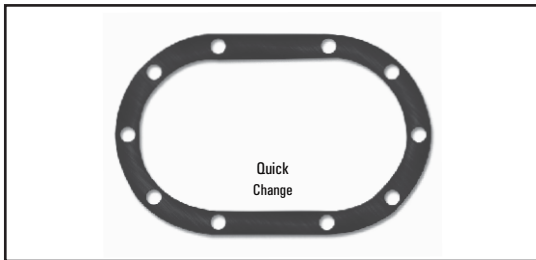
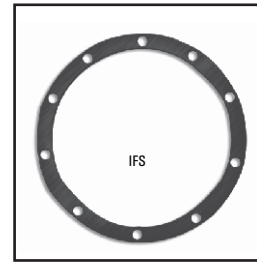
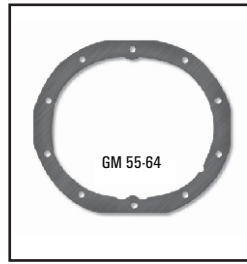
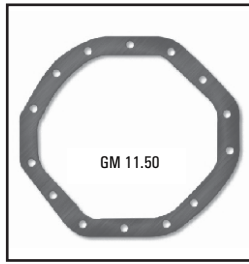
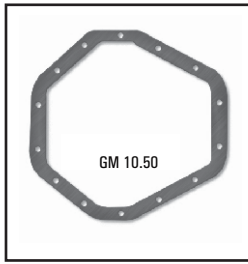
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