



Posi™



ELocker™



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
- Servicable

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!



EAT•N

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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
FRONT	GM							
	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		
	(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							
REAR	1963-79	8.5" Cast Iron 3rd Member	17	3.08-3.90			19670-010	
				4.11-4.56			19673-010	
	1985-96	Dana 44	30			913A614		
	1997-07	Transaxle (non Z06)	41	3.15 & up			PS70P20001	
	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 8" T/T		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
	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.							

FRONT

REAR

FRONT

REAR

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

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	187SL16D	913A591		19695-010
					3.92 & up	187SL16C	913A592		19747-010
1982-07	GM 14 Bolt IFS	9.25"		33	All				19622-010

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			
1981-09	GM 14 bolt C-Clip	9.5"	1.37"	33	All	225C135A	914A538	19590-010	19684-010
1972-09	GM 14 bolt	10.5"	1.50"	30	4.10 & dn	225S10 (a)		19689-010	
1973-09	GM 14 bolt	10.5"	1.50"	30	4.56 & up	225S10 (a)		19610-010	
1975-77	Dana 60HD	9.75"	1.50"	35	4.10 & dn	225SL29B	915A385		
					4.56 & up	225SL29A	915A386		
To 1974	Dana 60	9.75"	1.31"	30	4.10 & dn	225SL19B	913A389	19730-010	19722-010
					4.56 & up	225SL19A	913A390	19734-010	19737-010
	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			
2001-09	AAM	11.5"		30	All		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.

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

1977-87	Dana 60HD	9.75"	1.50"	35	4.10 & dn	225SL29B	915A387		19760-010
					4.56 & up	225SL29A	915A388		19761-010
1982-09	GM 14 Bolt IFS	9.25"		33	All				19622-010

1988-09	GM 14 bolt C-Clip	9.5"	1.37"	33	All	225C135A	914A538	19590-010	19684-010
1973-09	GM 14 bolt	10.5"	1.50"	30	4.10 & dn	225S10 (a)		19689-010	
					4.56 & up	225S10 (a)		19610-010	
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			
	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	225SL29B	915A385		19760-010
					4.56 & up	225SL29A	915A386		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			
2001-09	AAM	11.5"		30	All		915A568		

(mh) manual locking hubs recommended

(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.

3500 HD

1992-07	Dana 80	11.5"	1.60"	37	4.10 & up	225SL105A	916A427		
					3.73 & dn		916A566		
To 1986	GM 11000 lb.	12"	1.75"	27	All	250S-27			
	Rockwell 100/102/200		1.62"	16	All	225S15			
2001-09	AAM	11.5"		30	All		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 19695-010
	1994-99	Dana 60	9.75"	1.31"	30	4.10 & dn 4.56 & up	913A592	19747-010 19722-010 19737-010
	1971-93	Dana 60HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A387 19760-010
	To 1972	Dana 70	10.5"	1.50"	23	All	225S14	19761-010
	1997-09	Chrysler C-Clip	8.375"	1.21"	29	2.73 & up	187C179A	912A553
REAR	1969-96	Chrysler C-Clip	8.375"	1.17"	27	2.73 & up	187C151A	
	1974-09	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)
	1994-01	Dodge Viper					913A614	
	(pa) 33 spline units are made to fit axles cut with 45 degree pressure angle.							
	1972-02	Dana 60	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 19730-010 913A390 19734-010
	To 1971	Dana 60	9.75"	1.24"	16	4.10 & dn 4.56 & up	225S12C 225S12A	19722-010 19737-010
	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		915A568
300, 350, 400, B, C, M, W								
Cab & Chassis • Motor Home • Truck • Power Wagon • Van								
FRONT	2003-09	AAM Dodge	9.5"		33		914A643	
	1976-00	Dana 60HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A387 19760-010
	1971-76	Dana 70	10.5"	1.50"	35	4.56 & up (7)	225SL58C	19761-010
	1974	Dana 70	10.5"	1.50"	23	All	225S14	
	1975-02	Dana 60, 60HD, 60M	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 19730-010 913A390 19734-010
REAR	1991-02	Dana 70	10.5"	1.41"	32	4.10 & dn 4.56 & up	225SL107D 225SL107C	19722-010 19737-010
	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	
	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	AAM	11.5"		30	All		915A568
FORD / LINCOLN / MERCURY								
Passenger Car • Small Truck • Mini Van • SUV								
FRONT	1991-95	Dana 35 IFS Snap ring		1.14"	27	3.54 & up	162C56A	
	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 19695-010
								19747-010

	Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker	
REAR	FORD / LINCOLN / MERCURY								
	Passenger Car • Small Truck • Mini Van • SUV (continued)								
	1978-2009	Ford C-Clip	7.5"	1.20"	28	All	162C57A	912A316	
	1987-09	Ford C-Clip	8.8"	1.32"	31	All	187C145A(+)	913A561(b)	19588-010
	1983-09	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
	To 1979	Ford	9"	1.20"	28	3.25 & up	187SL13A	912A587	19660-010
	1957-78	Ford	9"	1.32"	31	3.25 & up	187SL17B	913A586	
		Ford	9"	1.50"	35	3.25 & up	187S160A		
	To 1978	Ford	8"	1.20"	28	3.25 & up	187S13D	912A616*	
* Ford 8" Truetrac application requires LM102949 and LM102910 (b) 2005 and up Mustang requires axle spacer modification									
REAR	F/E-100/150 • Truck • SUV • Van								
	1997-09	Ford	9.75"	1.37"	34	All	225C194A	913A477	
	1987-09	Ford C-Clip	8.8"	1.32"	31	All	187C145A(+)	913A561	19588-010
	1983-86	Ford C-Clip	8.8"	1.32"	31	All	187C146A(+)		19588-010
	1957-87	Ford	9"	1.20"	28	3.25 & up	187SL13A	912A587	19660-010
	1957-87	Ford	9"	1.32"	31	3.25 & up	187SL17B	913A586	
	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
	To 1974	Ford 9" 1.62" bearing hub dia.	1.20"	28	3.25 & up	187S13A			
	FRONT	F/E-250 (98' Super Duty) • Truck • Van • Excursion							
1997-07		Ford IFS Snap ring	8.8"	1.20"	28	All	187C147A(+)	912A563	19685-010
1983-97		Dana 44 C-Clip IFS	8.5"	1.31"	30	3.73 & dn 3.92 & up		913A591 913A592	
To 1982		Dana 44	8.5"	1.31"	30	3.73 & dn 3.92 & up	187SL16D 187SL16C	913A591 913A592	19695-010 19747-010
1979		Dana 60 (f)	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A387 915A388	19760-010 19761-010
1983-84		Ford C-Clip	8.8"	1.32"	31	All	187C145A(+)		19588-010
1985-09		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) 4.56 & up (7)	225SL58D 225SL58C		
1974-87		Dana 61-1	9.75"	1.31"	30		See Note (6)		
1975-84		Dana 60-3	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 913A390	19722-010 19737-010
REAR	To 1974	Dana 60	9.75"	1.31"	16	4.10 & dn 4.56 & up	225S12C 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		
	(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)		
	1975-85	Dana 70HD	10.5"	1.50"	35	4.10 & dn (7) 4.56 & up (7)	225SL58B 225SL58A		
	1978-79	Dana 60 Snowplow package only	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 913A390	19730-010 19734-010
To 1974	Dana 60	9.75"	1.31"	16	4.10 & dn 4.56 & up	225S12C 225S12A		19722-010	
To 1972	Dana 70	10.5"	1.50"	23	All	225S14		19737-010	
REAR	1983-97	Dana 70-U-1,-2	10.5"	1.50"	35	4.10 & dn (7) 4.56 & up (7)	225SL58D 225SL58C		
	1985-09	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	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	225SL131A	915A450	
	1998-09	Dana S135		1.84"	36	4.63-5.38	250SL166		
		Dana Super 60	9.75"	1.70"	40	4.10 & dn 4.56 & up	225SL193A 225SL193B		
	(ff) Full Float only								

FRONT

REAR

FRONT

REAR

Year	Description		Axle Shaft Dia.-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	19684-010
	H3	8.6"	1.32"	30	2.73 & up	187C148A	913A481	19559-010	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

Wrangler • Cherokee • Grand Cherokee • Wagoneer • Post Office Truck • Liberty • Commander

1971-09	Dana 30		1.16"	27	3.54 & dn 3.73 & up	162SL60A(g) 162SL60B(g)	912A584(g) 912A585(g)		19817-010(b) 19818-010(b)
1971-09	Super Dana 30			30	3.73 & up				19819-010(b)
1970-09	Dana M-44-IF, IFHD		1.31"	30	3.73 & dn 3.92 & up	187SL16D(g) 187SL16C(g)	913A591(g) 913A592(g)		19695-010 19747-010
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)
1997-06	Wrangler Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A589		19695-010
1969-09	Various Dana 44	8.5"			3.92 & up	187SL16C	913A590		19747-010
1966-68	Dana 44	8.5"	1.25"	19	3.73 & dn 3.92 & up	187SL12A 187SL192A			
1974-88	Dana Super 44	8.5"	1.36"	33	4.10 & dn	225SL19B	913A389	19730-010	19722-010
	Dana M60-3R	9.75"	1.31"	30	4.56 & up	225SL19A	913A390	19734-010	19737-010
6/76-86	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
FRONT	LAND ROVER								
	Rover Type & Salisbury								
	1993-00	Rover Type (k)	1.24"	24	3.54	187SL173A	912A407		
	1985-93 To 1985	Rover Type (m) Rover Type Salisbury 8HA	1.11" 1.11" 1.24"	10 10 24	3.54 4.7 3.54	187SL174A 225SL36	910A416 910A461		
REAR	1993-00	Rover Type (n)	1.24"	24	3.54	187SL173A	912A383		
	1985-93	Rover Type (p)	1.11"	10	3.54	187SL174A	910A400		
	To 1985	Rover Type Salisbury 8HA Salisbury 101 Rear Salisbury Defender	1.11" 1.24" 1.44" 24	10 24 22 24	4.7 3.54 5.57 4.10 & dn	 225SL36 225SL183 	910A460	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)								
FRONT	NISSAN								
	Titan • Truck • Xterra • Frontier								
	2003-07	Titan M226	1.38"	32	All		913A582(m)		
		H233	1.25"	31	All	187SL167A			
REAR	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 913A582 vehicles equipped with OE Electric Locker require modification.									
FRONT	SAAB								
	9-7X								
REAR	2005 1/2-07	8.6"	1.32"	30	2.73 & up	187C148A	913A481	19559-010	19659-010
FRONT	TOYOTA								
	4 Cylinder - Hilux • 4 Runner • Celica • Celica GT								
	1974-85	8" 2 pinion (v)	1.30"	30	All	187SL61A	913A609		
	1986-88	7.5" IFS (t)(v)	1.10"	27	All		911A445		
REAR	1989-95	7.5" IFS (t)(w)	1.30"	27	All		911A342		
	1995-04	7.5" (cw)	1.30"	27	All		911A644(v)		
	1980-95	7.5"		27	All		911A565(w)		
	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		
		Toyota Legend Race Series		27	All		911A565(w)		
FRONT	6 Cylinder - Hilux • 4 Runner								
	1986-95	7.5" IFS (t) (u)	1.30"	27	All		911A342		
REAR	1986-04	7.5" IFS (v) 4 Runner only	1.10"	27	All		911A445		
	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		
		Toyota Legend Race Series	1.08"	27	All		911A565		
FRONT	Land Cruiser II • FJ								
	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	FJ 8.0"	1.30"	30	All	913A610			

* 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

Year	Description	Axle Shaft Dia.-Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
PERFORMANCE							
	Toyota Legend/Celica 7.5"	27	All		911A565(w)		
	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)		
	GM 12 Bolt car 8.875"	1.32" 30	4.10 & up			19510-010(pl)	
	GM 12 Bolt truck 8.875"	1.32" 30	3.73 & up			19512-010(pl)	
	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) 187SL188A 187S160A			
	Ford 9"	1.50" 35	All exc. 2.72	187SL-188A (2" Bearing Journal)			
	Ford 9"	1.32" 31	All exc. 2.72				
	Dana 60 rear 9.75"	1.50 35	4.10 & dn 4.56 & up		915A385 915A386	19760-010 19761-010	
	Dana Super 60 9.75"	1.70" 40	4.10 & dn	225SL193A			
	Dana Super 60 9.75"	1.70" 40	4.56 & up	225SL193B			

(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"	1.32" 31	All	R18706A (was 187N158A)
Ford 9" 2.00 Large Bearing	1.32" 31	All	R18707A (was 187N178A)
Quick Change (Franklin, Halibrand, Richmond, Winters, etc.)			
CTR only	1.32" 31	All	R18705A (aluminum housing)
Performance Detroit Locker	1.32" 31	All	R18708A (was 187N30A) (aluminum housing)

The Detroit Locker CTR (Circle Track Racing) version of the Detroit Locker is made exclusively for left hand turn racing only.

ATV Applications

Call for Detroit Gearless Locker differential applications for most popular ATV models.

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."



Part Number	Description	Standard Package	GM 7.5"	GM 7.625"	GM 8.2"	GM 8.2"	GM 8.2"	GM 8.2"	GM 8.2"	GM 8.5"	C5 Corvette
			19663-010	19599-010	19686-010	19670-010	19673-010	19674-010	19603-010	19557-010	PS70P20001
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
PS-97-P-20004	LH stub shaft										X
PS-97-P-20005	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									

GM 8.5" 19559-010	GM 8.875" 19587-010	GM 8.875" 19556-010	GM 8.875" 19554-010	GM 8.875" 19555-010	GM 9.5" 19590-010	GM 10.5" 19689-010	GM 10.5" 19610-010	Ford 8.8" 19605-010	Ford 8.8" 19588-010	Ford 9.75" 19627-010	Ford 10.25" /10.5" 19694-010	Toyota Truck/SUV 19614-010	Dana 60-3 9.75" 19730-010	Dana 60-4 9.75" 19734-010
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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					
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										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" 19659-010	GM 9.25" 19622-010	GM 9.5" 19684-010	Ford 8.8" 19660-010	Ford 8.8" 19685-010	Various Dana 30/35	Various Dana 44	Various 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			
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					
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					
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						
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

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;

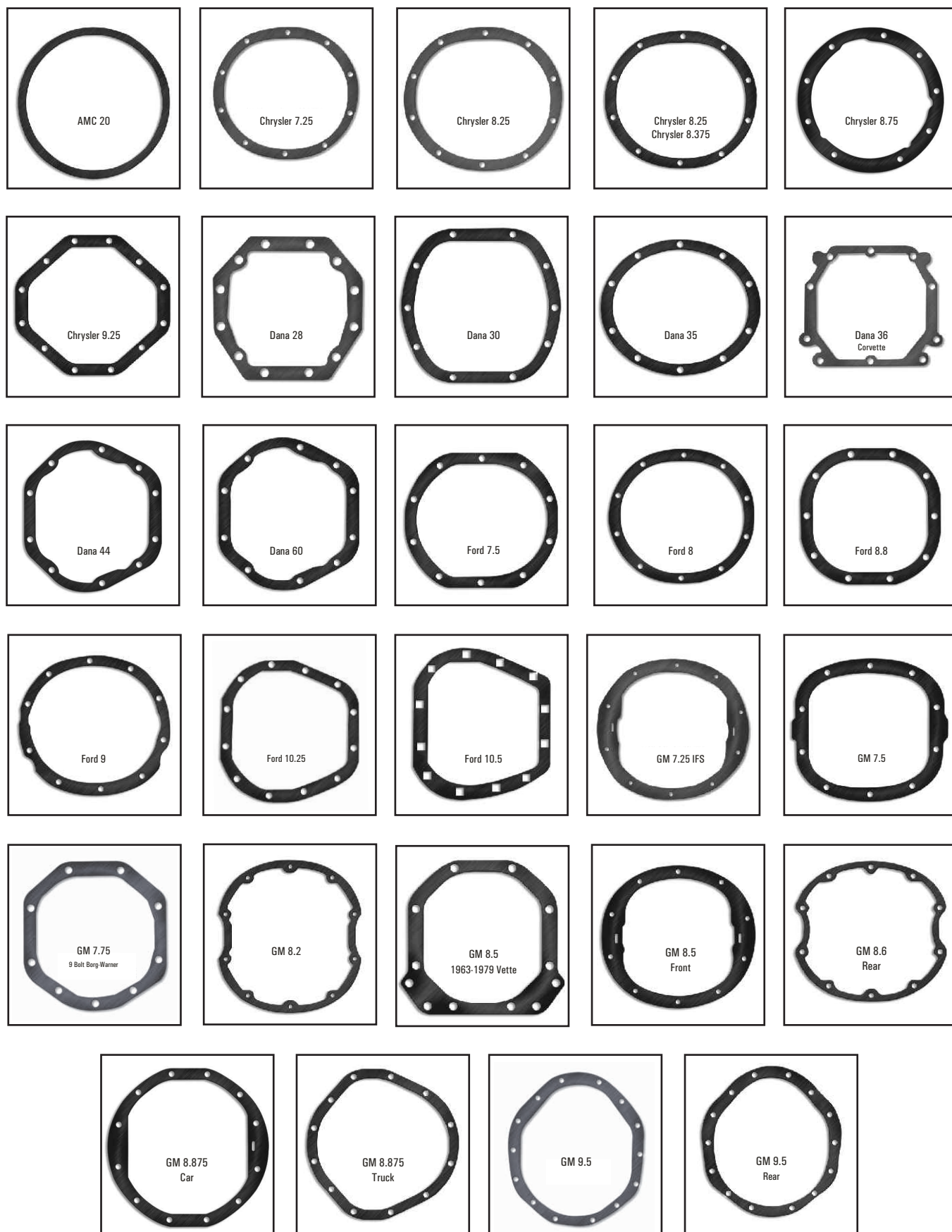
Number on ring gear is:	39211 = 3.54 ratio	
	37875 = 3.73 ratio	Use Detroit SofLocker 225SL19A
	39300 = 4.10 ratio	
	39299 = 4.56 ratio	Use Detroit SofLocker 225SL19C

(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:

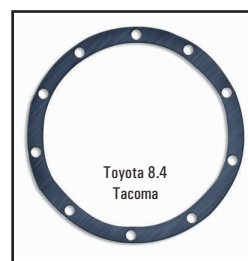
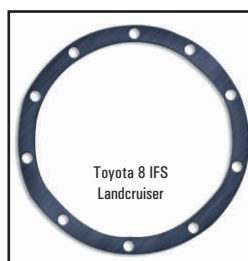
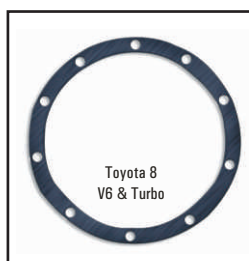
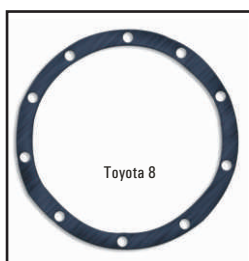
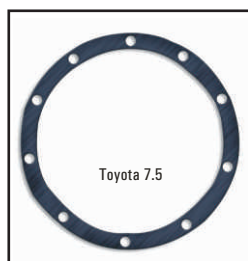
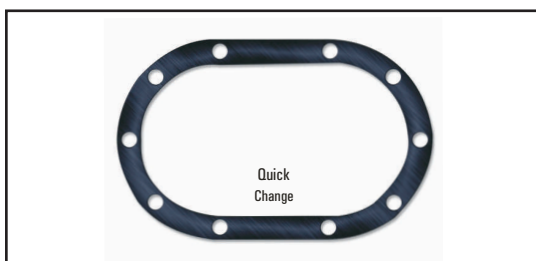
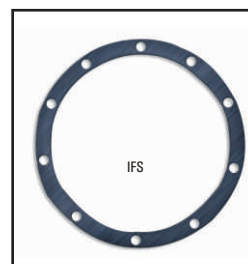
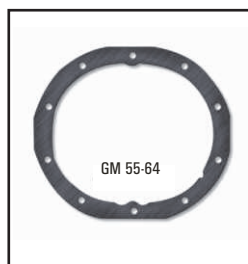
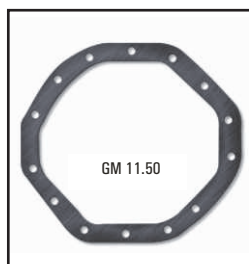
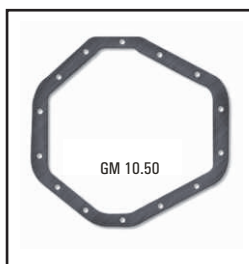
When using a Locker with trans brake - take the lash out of the Locker before pre-staging.

Differential Cover Identifier





Differential Cover Identifier



Professional racer or weekend warrior? Limited slip or locker? Clutch style or gear drive? Electronic or automatic?

only Eaton covers them all



Locate an Eaton distributor at
EatonPerformance.com

Eaton Performance
26101 Northwestern Highway
Southfield, MI 48076 USA
800-328-3850
EatonPerformance.com



While this model list is believed to be accurate, we cannot guarantee accuracy (errors or omissions) of the data. Customer is responsible to identify the correct part number for their particular application.