

# Application Guide

Detroit Locker<sup>®</sup>  
Eaton ELocker<sup>®</sup>  
Detroit Truetrac<sup>®</sup>  
Eaton Posi<sup>™</sup>



*Powering Business Worldwide*

# Performance Differentials

Putting power to the ground when you need it most



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# The Power of Control

Choose Eaton® to get the most out of your drivetrain.



**Detroit Locker**  
An Eaton brand

## Detroit Locker

The Detroit Locker is a 100%-automatic locking differential that provides ultimate traction for mild to extreme vehicle applications. Its unique, bullet-proof design is engineered to keep both wheels in drive mode - even if one wheel is lifted off the ground.

- 100-percent automatic locking
- Unmatched strength
- Maintenance-free parts
- Works in forward and reverse



WATCH THE  
DETROIT LOCKER  
IN ACTION



**ELocker**™

## Eaton ELocker

The Eaton ELocker is an electronic, selectable differential designed for drivers that need traction on-demand. At the flip of a dash switch, drivers can go from open to 100-percent locked. A second flip of the switch deactivates the unit to resume normal driving.

- Selectable operation
- Net-forged gears for added strength
- Most reliable on-demand differential
- Works in forward and reverse



WATCH THE  
ELOCKER  
IN ACTION



**Detroit Truetrac**  
An Eaton brand

## Detroit Truetrac

The Detroit Truetrac is a helical-gear style limited-slip differential that maximizes wheel traction and enhances driving and handling characteristics. Its versatility make the Detroit Truetrac the ideal traction solution for almost any type of vehicle.

- Smooth, automatic operation
- Maintenance-free parts
- Unique, helical gear design
- Works in forward and reverse



WATCH THE  
DETROIT TRUETRAC  
IN ACTION



**Posi**™

## Eaton Posi

The Eaton Posi limited-slip differential is the perfect way to control traction in street rods, light duty pickups and all types of tarmac running race cars.

- Carbon clutch disc packs
- Rebuildable design
- Net-forged gears for added strength
- Smooth, automatic operation
- Works in forward and reverse



WATCH THE  
POSI  
IN ACTION

# Quality. Strength. Durability.

Only Eaton offers the most broad portfolio of differentials to meet the unique needs of performance and enthusiast drivers. Our lineup includes locking and limited-slip, automatically engaging and driver-selectable products. Choosing an Eaton Performance differential not only ensures ultimate performance, our superior product quality reduces time spent in the garage and decreases wallet-draining driveline repairs.

**Eaton Detroit Locker**



**Eaton ELocker**



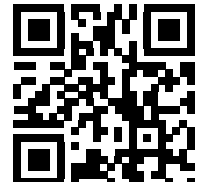
**Eaton Detroit Truetrac**



**Eaton Posi**



**Want updates on our latest performance products, news and events? Sign up for our eNewsletter from your smart phone.**







# Differentials Passenger Car

Model Year	Axle Description	Axle Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
<b>Chrysler, Dodge and Plymouth</b>								
1997 - 2009	Chrysler C-Clip	8.375"	1.21"	29	2.73 & up	187C179A	912A553	
1970 - 1996	Chrysler C-Clip	8.375	1.17"	27	2.73 & up	187C151A		
1974 - 2010	Chrysler C-Clip	9.25"	1.32"	31	2.76 - 4.56	187C172A	913A368	
1957 - 1974	Chrysler	8.75"	1.28"	30	2.76 - 4.56	187SL14A	913A572	
1957 - 1974	Chrysler	8.75"	1.31"	33	2.76 - 4.56		914A583 (i)	
1966 - 1972	Dana 60	9.75"	1.31"	30	4.10 & dn	225SL19B	913A389	19722-010
					4.56 & up	225SL19A	913A390	19737-010
1966 - 1972	Dana 60 HD	9.75"	1.50"	35	4.10 & dn	225SL29B	915A387	19760-010
					4.56 & up	225SL29A	915A388	19761-010

## Ford, Lincoln and Mercury

1975 - 2009	Ford C-Clip	7.5"	1.20"	28	All	162C57A	912A316	
1986 - 2011	Ford C-Clip	8.8"	1.32"	31	All	187C145A (ii)	913A561	19588-010 19660-010
Custom	Ford	8.8"		33			913A701	
1982 - 2011	Ford C-Clip	8.8"	1.20"	28	All	187C147A (ii)	912A562	19605-010
1983 - 1986	Ford C-Clip	8.8"	1.32"	31	All	187C146A (ii)		19588-010 19660-010
1957 - 1980	Ford	9"	1.20"	28	3.25 & up	187SL13A	912A587	
1957 - 1980	Ford	9"	1.32"	31	3.25 & up	187SL17B	913A586	
Custom	Ford	9"	1.50"	35	3.25 & up	187S160A	914A690	
1963 - 1971	Ford	8"	1.20"	28	3.25 & up	187S13D	912A616 (iii)	

## General Motors: Chevrolet, Pontiac, Buick and Oldsmobile

1964 - 1972	GM 12 bolt car	8.875"	1.29"	30	3.08 - 3.90	187C197A	913A555 (iv)	19554-010
1964 - 1972	GM 12 bolt car	8.875"	1.29"	30	4.10 & up			19555-010
1964 - 1972	GM 12 bolt car	8.875"	1.41"	33	3.08 - 3.90	187C198A	914A576 (iv)	
1964 - 1972	GM 12 bolt car	8.875"	1.41"	33	4.10 & up		914A575 (iv)	
Custom	GM 12 bolt car	8.875"	1.50"	35	3.08 - 3.90	187S196A (v)		
1955 - 1964	GM 3rd Member	8.2"		17	3.90 & dn			19686-010
1988 - 1996	GM 10 bolt C-Clip	8.5"/8.6"	1.32"	30	2.73 & up	187C148A (vi)	913A481 (vi)	19559-010 (vi) 19659-010(vi)
1971 - 1989	GM 10 bolt C-Clip	8.5"	1.20"	28	2.73 & up	187C149A (vi)	912A556 (vi)	19557-010 (vi)
1964 - 1971	GM 10 bolt Buick, Olds and Pontiac	8.2"		28	3.36 & up			19674-010
1964 - 1972	GM 10 bolt Chevrolet	8.2"		28	3.08 & up			19603-010
1988 - 2002	GM 10 bolt	7.5"/7.6"	1.20"	28	3.23 & up	162C59A	912A317	19599-010
1975 - 1989	GM 10 bolt C-Clip	7.5"	1.16"	26	3.23 & up	162C58A	911A319	19663-010
					3.08 & dn		911A415	
2004 - 2006	GTO / Monaro			28			912A642	
2010 - 2012	Camaro 218mm			32	3.45, 3.73		912A686	

Please review note on page 15 regarding all General Motors 8.5" and 8.6" axle applications

## Corvette

1963 - 1979	8.5" Cast Iron 3rd Member			17	3.08 - 3.90			19670-010
1985 - 1996	Dana 44			30			913A614	
1997 - 2011	Transaxle C5/C6/Z06			41	3.15 & up			QPS-70-P-20001 (xxviii)

# Differentials Passenger Car



## Street and Muscle

Transform your daily driver to street machine and back again with Eaton products. Not only will you be the envy of your neighborhood, you will have ultimate performance for your commute during all four seasons.



## Drag Racing

Vehicles that run on the quarter mile have unique demands. Choose an Eaton Performance differential to reduce wheel slippage and ensure domination from the green light to the finish line.



## Restoration

Don't let that old classic rot away in the garage. Restore it back to the original condition with a performance differential enhancement. It will feel like you're driving off of the lot for the first time again.

"We always try to stay a step ahead of everybody else. It takes a company like Eaton to keep us there."

Troy Trepanier  
Rad Rides by Troy

# Differentials Truck, SUV, Van and Chassis

Model Year	Axle Description	Axle Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker		
<b>Chrysler, Dodge and Plymouth Small and Half-Ton Truck, Wagon and Van</b>										
FRONT	1969 - 2001	Dana 44	8.5"	1.31"	30	3.73 & dn 3.92 & up	187SL16D 187SL16C	913A591 913A592	<b>NEW</b> 19977-010 <b>NEW</b> 19969-010	
	1994 - 1999	Dana 60	9.75"	1.31"	30	4.10 & dn 4.56 & up			19722-010 19737-010	
	1971 - 1993	Dana 60 HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	914A387 915A388	19760-010 19761-010	
	to 1972	Dana 70	10.5"	1.50"	23	All	225S14			
	1997 - 2009	Chrysler C-Clip	8.375"	1.21"	29	2.73 & up	187C179A	912A553		
	1969 - 1996	Chrysler C-Clip	8.375"	1.17"	27	2.73 & up	187C151A			
	1974 - 2010	Chrysler C-Clip	9.25"	1.32"	31	2.76 - 4.56	187C172A	913A368		
	1965 - 1974	Chrysler	8.75"	1.28"	30	2.76 - 4.56	187SL14A	913A572		
	1965 - 1974	Chrysler	8.75"	1.31"	33	2.76 - 4.56		914A583 (i)		
	1972 - 2002	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	225SL12C 225S12A			
	1972 - 1990	Dana 70	10.5"	1.50"	35	4.10 & dn 4.56 & up	225SL58D (viii) 225SL58C (viii)			
	1991 - 2002	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	225SL193A			
		Dana Super 60	9.75"	1.70"	40	4.56 & up	225SL193B			
	2003 - 2009	AAM	11.5"		30	All	250SL195A (vii)	915A568 (vii)		
	<b>Chrysler, Dodge and Plymouth Three Quarter and One-Ton Truck, Wagon, Van, Cab &amp; Chassis and Motor Home</b>									
	FRONT	2003 - 2010	AAM Dodge	9.5"		33			914A643 (vii)	
		1976 - 2000	Dana 60 HD	9.75"	1.50"	35	4.10 & dn 4.56 & up	225SL29B 225SL29A	915A387 915A388	19760-010 19761-010
1971 - 1976		Dana 70	10.5"	1.50"	35	4.56 & up	225SL58C (viii)			
to 1974		Dana 70	10.5"	1.50"	23	All	225S14			
1975 - 2002		Dana 60, 60 HD, 60M	9.75"	1.31"	30	4.10 & dn 4.56 & up	225SL19B 225SL19A	913A389 913A390	19722-010 19737-010	
1991 - 2002		Dana 70	10.5"	1.41"	32	4.10 & dn 4.56 & up	225SL107D 225SL107C			
1972 - 1990		Dana 70	10.5"	1.50"	35	4.10 & dn 4.56 & up	225SL58D (viii) 225SL58C (viii)			
1972 - 1985		Dana 70 HD	10.5"	1.50"	35	4.10 & dn 4.56 & up	225SL58B (viii) 225SL58A (viii)	915A670		
1971 - 1974		Dana 70	10.5"	1.50"	35	All	225S18			
to 1974		Dana 70	10.5"	1.50"	23	All	225S14			
1994 - 2002		Dana 80	11.5"	1.52"	35	4.10 & up 3.73 & dn	225SL131A	915A450 915A567		
2003 - 2011		AAM	11.5"		30	All	250SL195A (vii)	915A568 (vii)		



# Differentials Truck, SUV, Van and Chassis

Model Year	Axle Description	Axle Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker		
<b>Ford Small Truck, Minivan and SUV</b>										
FRONT	1990 - 1994	Explorer, Dana 35 IFS Snap Ring	1.14"	27	3.54 & up	162C56A		19821-010(xi)		
	1990 - 1997 1/2	Ranger, Dana 35 IFS Snap Ring			3.54 & up	162C56A		19821-010(xi)		
	1983 - 2009	Ford C-Clip	7.5"	1.20"	28	All	162C57A	912A316		
	1983 - 2011	Ford C-Clip	8.8"	1.32"	31	All	187C145A (ii)	913A561	19588-010	19660-010
	Custom	Ford	8.8"		33			913A701		
	1983 - 2011	Ford C-Clip	8.8"	1.20"	28	All	187C147A (ii)	912A562	19605-010	
	1983 - 1986	Ford C-Clip	8.8"	1.32"	31	All	187C146A (ii)		19588-010	19660-010
	1957 - 1987	Ford	9"	1.20"	28	3.25 & up	187SL13A	912A587		
	1957 - 1987	Ford	9"	1.32"	31	3.25 & up	187SL17B	913A586		
		Ford	9"	1.50"	35	3.25 & up	187S160A	914A690		
<b>Ford Half-Ton Truck, Van and SUV</b>										
FRONT	1967 - 1972	Dana 30	7.2"	1.16"	27	3.54 & dn	162SL60A (ix)	912A584 (ix)	19817-010 (x)	
						3.73 & up	162SL60B (ix)	912A585 (ix)	19818-010 (x)	
	1970 - 1982	Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A591	<b>NEW</b> 19977-010	
						3.92 & up	187SL16C	913A592	<b>NEW</b> 19969-010	
	1983 - 1997	Dana 44 C-Clip IFS	8.5"	1.31"	30	3.73 & dn		913A591		
						3.92 & up		913A592		
	1997 - 2008	Ford IFS Snap Ring	8.8"	1.20"	28	All	187C147A (ii)	912A563		
	1977 - 1979	Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A589	<b>NEW</b> 19977-010	
				1.31"	30	3.92 & up	187SL16C	913A590	<b>NEW</b> 19969-010	
	1987 - 2011	Ford C-Clip	8.8"	1.32"	31	All	187C145A (ii)	913A561	19588-010	19660-010
	1983 - 1986	Ford C-Clip	8.8"	1.32"	31	All	187C146A (ii)		19588-010	19660-010
	1957 - 1972	Ford	9"	1.20"	28	3.25 & up	187SL13A	912A587		
	1957 - 1986	Ford	9"	1.32"	31	3.25 & up	187SL17B	913A586		
	1997 - 2012	Ford	9.75"	1.37"	34	All	225C194A	913A477		
	<b>Ford Three Quarter-Ton Truck, Van and SUV</b>									
FRONT	1967 - 1996	Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A591	<b>NEW</b> 19977-010	
						3.92 & up	187SL16C	913A592	<b>NEW</b> 19969-010	
	1997 - 2008	Ford IFS Snap Ring	8.8"	1.20"	28	All	187C147A (ii)	912A563		
	1979	Dana 60	9.75"	1.50"	35	4.10 & dn	225SL29B	915A387	19760-010	
						4.56 & dn	225SL29A	915A388	19761-010	
	to 1974	Dana 60	9.75"	1.31"	16	4.10 & dn	225S12C			
						4.56 & up	225S12A			
	Custom	Dana Super 60	9.75"	1.70"	40	4.56 & up	225SL193A			
	Custom	Dana Super 60	9.75"	1.70"	40	4.10 & dn	225SL193B			
	1975 - 1984	Dana 60-3	9.75"	1.31"	30	4.10 & dn	225SL19B	913A389	19722-010	
						4.56 & up	225SL19A	913A390	19737-010	
	1974 - 1987	Dana 61-1	9.75"	1.31"	30		See Note (xii)			
	1985 - 2012	Ford	10.25"/10.5"	1.50"	35	All	225SL56A (xiii)	915A550 (xiii)	19694-010 (xiii)	
	1983 - 1985	Dana 70U	10.5"	1.50"	35	4.10 & dn	225SL58D (viii)			
						4.56 & up	225SL58C (viii)			

# Differentials Truck, SUV, Van and Chassis

Model Year	Axle Description	Axle Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
<b>Ford One-Ton Truck, Van, Wagon and Cab &amp; Chassis</b>								
1974 - 2007	Dana 60	9.75"	1.50"	35	4.10 & dn	225SL29B	915A387	19760-010
1974 - 2007	Dana 60	9.75"			4.56 & up	225SL29A	915A388	19761-010
1981 - 1987	Dana 61-1	9.75"	1.31"	30		See Note (xii)		
1978 - 1979	Dana 60 Snowplow Package	9.75"	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 - 1985	Dana 70 HD	10.5"	1.50"	35	4.10 & dn	225SL58B (viii)		
					4.56 & up	225SL58A (viii)		
1983 - 1997	Dana 70-U-1,2	10.5"	1.50"	35	4.10 & dn	225SL58D (viii)		
					4.56 & up	225SL58C (viii)		
1985 - 2012	Ford	10.25"/10.5"	1.50"	35	All	225SL56A (xiii)	915A550 (xiii)	19694-010 (xiii)
1996 - 2011	Dana 80	11.5"	1.60"	37	3.73 & dn		916A566	
					4.10 & up	225SL105A (xiv)	916A427 (xiv)	
1998 - 2011	Dana 80	11.5"	1.50"	35	3.73 & dn		915A567	
					4.10 & up	225SL131A (xiv)	915A450 (xiv)	
1998 - 2011	Dana S135	14.25"	1.84"	36	4.63- 5.38	250SL166		
<b>General Motors Half-Ton Truck</b>								
1977 - 1988	GM 10 bolt	8.5"	1.20"	28	2.73-5.13	187C149A	912A557 (vi)	19557-010 (vi)
to 1980	Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A591	<b>NEW</b> 19977-010
				30	3.92 & up	187SL16C	913A592	<b>NEW</b> 19969-010
1988 - 1991	GM 10 bolt	8.5"	1.30	30	2.73-5.13	187C148A (vi)		19559-010 19659-010
1982 - 2011	GM 14 bolt IFS (HD)	9.25"		33	All			19622-010
1988 - 2009	GM 10 bolt	7.5"/7.6"	1.20"	28	3.23 & up	162C59A	912A317	19599-010
1982 - 2009	GM 10 bolt C-Clip	7.5"	1.16	26	3.23 & up	162C58A	911A319	19663-010
					3.08 & dn		911A415	
2002 - 2010	GM 10 bolt C-Clip	8"	1.20"	28	All		912A654	
1988 - 2009	GM 10 bolt C-Clip	8.5"/8.6"	1.32"	30	2.73 & up	187C148A (vi)	913A481 (vi)	19559-010 19659-010
1972 - 1989	GM 10 bolt C-Clip	8.5"	1.20"	28"	2.73 & up	187C149A (vi)	912A556 (vi)	19557-010
to 1982	GM 10 bolt C-Clip	8.875"	1.30"	30	3.73 & up	187C150A (vi)	913A315	19556-010
					2.76-3.42			19587-010
1981 - 2012	GM 14 bolt C-Clip	9.5"	1.37"	33	All	225C135A	914A538	19590-010 19684-010
<b>General Motors Three Quarter-Ton Truck</b>								
1977 - 1989	GM 10 bolt	8.5"	1.20"	28	2.73 & up	187C149A (vi)	912A557 (vi)	19557-010 (xv) (vi)
1988 - 1991	GM 10 bolt	8.5"	1.31"	30	2.73 & up	187C150A		19559-010 (xv,vi) 19659-010
to 1980	Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A591	<b>NEW</b> 19977-010
					3.92 & up	187SL16C	913A592	<b>NEW</b> 19969-010
1982 - 2012	GM 14 bolt IFS	9.25"		33	All			19622-010
1988 - 2007	GM 10 bolt C-Clip Van	8.5"/8.6"	1.32"	30	2.73-5.13 & up	187C148A (vi)	913A481 (vi)	19559-010 (vi) 19659-010
1978 - 1989	GM 10 bolt C-Clip Van	8.5"	1.20"	28	2.73-5.13 & up	187C149A (vi)	912A556 (vi)	
1981 - 2012	GM 14 bolt C-Clip	9.5"	1.37"	33	All	225C135A	914A538	19590-010 19684-010
1972 - 2012	GM 14 bolt	10.5"	1.50"	30	4.10 & dn	225S10 (xvi)	915A545	19689-010
1972 - 2012	GM 14 bolt	10.5"	1.50"	30	4.56 & up	225S10 (xvi)	915A547	19610-010 (xvii)
1975 - 1991	Dana 60 HD	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	19722-010
					4.56 & up	225SL19A	912A390	19737-010
Custom	Dana Super 60	9.75"	1.70"	40	4.56 & up	225SL193A		
Custom	Dana Super 60	9.75"	1.70"	40	4.10 & dn	225SL193B		
2001 - 2012	AAM	11.5"		30	All	250SL195A	915A568	

# Differentials Truck, SUV, Van and Chassis

Model Year	Axle Description	Axle Diameter	Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
<b>General Motors One-Ton Truck, Van, Cab &amp; Chassis, Motor Home and Bus</b>									
FRONT	1977 - 1987	Dana 60 HD	9.75"	1.50"	35	4.10 & dn	225SL29B	915A387	19760-010
						4.56 & up	225SL29A	915A388	19761-010
	1988 - 2012	GM 14 bolt IFS	9.25"		33	All			19622-010
	1988 - 2012	GM 14 bolt C-Clip	9.5"	1.37"	33	All	225C135A	914A538	19590-010 19684-010
	1973 - 2012	GM 14 bolt	10.5"	1.50"	30	4.10 & dn	225S10 (xvi)	915A545	19689-010
						4.56 & up	225S10 (xvi)	915A547	19610-010 (xvii)
	1973 - 1994	Dana 70 HD with 4" diameter 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 - 1989	Dana 70-3U HD w/3.5" diameter axles 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 - 1991	Dana 60 HD (G Series)	9.75"	1.50"	35	4.10 & dn	225SL29B	915A385	19760-010	
					4.56 & up	225SL29A	915A386	19761-010	
1984 - 1986	Dana 70U	10.5"	1.50"	35	4.10 & dn	225SL58D			
1979 - 1980	Dana 70B	10.5"			4.56 & up	225SL58C			
2001 - 2012	AAM	11.5"	1.55"	30	All	250SL195A	915A586		
<b>GM One-Ton HD Truck</b>									
1992 - 2007	Dana 80	11.5"	1.60"	37	4.10 & up	225SL105A	915A427		
					3.73 & dn		916A566		
to 1986	GM 11000 lb	12"	1.75"	27	All	250S27			
	Rockwell 100/102/200		1.62"	16	All	225S15			
2001 - 2012	AAM	11.5"	1.55"	30	All	250S195A	915A568		
<b>Jeep Cherokee, Grand Cherokee, Liberty, Post Office Truck, Scrambler, Wagoneer and Wrangler</b>									
FRONT	1971 - 2006	Dana 30	7.2"	1.16"	27	3.54 & dn	162SL60A (ix)	912A584 (ix)	19817-010 (x)
						3.73 & up	162SL60B (ix)	912A585 (ix)	19818-010 (x)
	Custom	Dana Super 30				3.73 & up			19819-010 (x)
	1970 - 2009	Dana M-44-IF, IFHD	8.5"	1.31"	30	3.73 & dn	187SL16D (ix)	913A591 (ix)	<b>NEW</b> 19977-010
						3.92 & up	187SL16C (ix)	913A592 (ix)	<b>NEW</b> 19969-010
	2007 - 2012	Dana 30 Wrangler JK	7.2"	1.16"	27	3.54 & dn	162SL60A (ix)	912A584 (ix)	19817-010 (x)
						3.73 & up	162SL60B (ix)	912A585 (ix)	19818-010 (x)
	1997 - 2011	Chrysler C-Clip	8.375"	1.21"	29	All	187C179A	912A553	
	1991 - 1996	Chrysler C-Clip	8.375"	1.17"	27	All	187C151A		
	1984 - 2009	Dana 35 C-Clip	7.56"	1.18"	27	3.54 & up	162C56A	912A569	19821-010 (x)
1985 - 1989	Dana 35 non C-Clip	7.56"	1.18"	27	3.54 & up	162C56A	912A569	19821-010 (x)	
Custom	Dana Super 35	7.56"		30	3.54 & up	162C66A (x)		19822-010 (x)	
2007 - 2012	Dana 44 Wrangler JK	8.5"	1.31"	30	All	187SL16D	913A589	<b>NEW</b> 19977-010	
1997 - 2006	Wrangler Dana 44	8.5"	1.31"	30	3.73 & dn	187SL16D	913A589	<b>NEW</b> 19977-010	
1971 - 2006	Various Dana 44	8.5"	1.31"	30	3.92 & up	187SL16C	913A590	<b>NEW</b> 19969-010	
					3.73 & dn	187SL16D	913A589	<b>NEW</b> 19977-010	
1964 - 1970	Dana 44	8.5"	1.25"	19	3.73 & dn			19961-010	
					3.92 & up			19960-010	
Custom	Dana Super 44	8.5"	1.36"	33		187SL192A			
1974 - 1987	Dana M60-3R	9.75"	1.31"	30	4.10 & dn	225SL19B	913A389	19722-010	
					4.56 & up	225SL19A	913A390	19737-010	
1980 - 1986	AMC 20	8.875"	1.27"	29	3.08 & up	187SL47A	912A579		
					2.73 & dn	187SL163A	912A573		

# Differentials Truck, SUV, Van and Chassis

Model Year	Axle Description	Axle Diameter	Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
<b>Hummer H1, H2 and H3</b>									
	H1 (military/other)	8.875"	1.27"	29	2.73 & dn	187SL163A	912A549		
	AMC IFS				3.08 & up	187SL47A			
2003 - 2009	H2 IFS	9.25"		33	All				19622-010
	H1 (military/other)	8.875"	1.27"	29	2.73 & dn	187SL163A	912A573		
	AMC IFS				3.08 & up	187SL47A	912A579		
2003 - 2009	H2	9.5"	1.37"	33	All	225C135A	914A538	19590-010	19684-010
2006 - 2009	H3	8.6"	1.32"	30	2.73 & up	187C148A	913A481	19559-010	19659-010

## International Harvester 100/1100, 4x4 Half-Ton Pickup, Scout I & II, Traveler, Metro Van

FRONT	1967 - 1977	Dana 30	7.2"	1.16"	27	3.54 & dn	162SL60A (ix)	912A584 (ix)		19817-010 (x)
						3.73 & up	162SL60B (ix)	912A585 (ix)		19818-010 (x)
	1973 - 1980	Dana 44	8.5"	1.31"	30	3.92 & up	187SL16C	913A590		<b>NEW</b> 19969-010
						3.73 & dn	187SL16D	913A589		<b>NEW</b> 19977-010
	1967 - 1980	Dana 44	8.5"	1.31"	30	3.92 & up	187SL16C	913A590		<b>NEW</b> 19969-010
						3.73 & dn	187SL16D	913A589		<b>NEW</b> 19977-010

## Isuzu Rodeo

1993 - 2000	Dana 44	8.5"/9"	1.31"	30	3.73 & dn	187SL16D	913A589		<b>NEW</b> 19977-010
					3.92 & up	187SL16C	913A590		<b>NEW</b> 19969-010
1989 - 1993	GM 10 Bolt	7.5"	1.20"	28	3.23 & up	162C59A	912A317		

## Land Rover - Rover Type and Salisbury

FRONT	1993 - 2000	Rover Type	1.24"	24	3.54	187SL173A (xviii)	912A407 (xviii)		
	1985 - 1993	Rover Type	1.11"	10	3.54	187SL174A (xix)	910A416 (xix)		
		Salisbury 8HA	1.24"	24	3.54	225SL36			
	1993 - 2000	Rover Type	1.24"	24	3.54	187SL173A (xx)	912A383 (xx)		
	1985 - 1993	Rover Type	1.11"	10	3.54	187SL174A (xxi)	910A400 (xxi)		
		Salisbury 8HA	1.24"	24	3.54	225SL36			
		Salisbury Defender		24	4.10 & dn		912A593		

## Nissan Titan, Truck, Xterra and Frontier

2005 - 2007	Titan M226	1.38"	32	All			913A583 (xxii)		
	H233	1.25"	31	All		187SL167A			
2005 - 2007	Xterra M226 x/manual trans.	1.38"	32	All			913A582 (xxii)		
2005 - 2007	Frontier w/M226 option	1.38"	32	All			913A582 (xxii)		

## Saab: 9-7x

2005.5-2007	8.6"	1.32"	30	2.73 & up	187C148A	913A481	19559-010	19659-010
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## Toyota 4-Cylinder Hilux, 4Runner, Celica and Celica GT

FRONT	1974 - 1985	8" 2-pinion	1.30"	30	All	187SL61A	913A609 (xxvi)		
	1986 - 1988	7.5" IFS	1.10"	27	All		911A445 (xxv,xxvi)		
	1986 - 2004	7.5" IFS 4Runner only	1.12"	27	All		911A445		
	1989 - 2004	7.5"	1.12"	27	All		911A644 (xxvii)		
	1974 - 1996	8" 2-pinion (v) non-turbo	1.30"	30	All	187SL61A	913A611		
	1986 - 1996	8" 4-pinion 4x4 turbo/gas/diesel	1.30"	30	All	187SL61B (xxiv)	913A610 (xxiv)		
	1995 - 2005	8.4" Tacoma, Tundra, T-100	1.29"	30	3.54 - 5.29	187SL199A	913A541		

# Differentials Truck, SUV, Van and Chassis

Model Year	Axle Description	Axle Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
<b>Toyota 6-Cylinder Hilux and 4Runner</b>								
1986 - 1995	8" 4-pinion (w) 4x4 turbo/gas/diesel 4x2 cab chassis	1.30"	30	All	187SL61B	913A610		
1995 - 2005	8.4" Tacoma, Tundra, T-100	1.29"	30	3.54- 5.29	187SL199A	913A541		
<b>Toyota Land Cruiser and FJ</b>								
1990 - 2007	8.4" 4-pinion (w)	1.30"	30	All	187SL61B	913A612		
1967 - 1989	9.5" 2-pinion C-Clip	1.30"	30	All	187C152A			
1967 - 1997	9.5" C-Clip	1.30"	30	All	187C152A			
	Australian 8 7/8"	1.31"	30	All	225SL124A			
2005 - 2009	FJ80	1.30"	30	All		913A610		

FRONT



## Work Truck / Towing

When uptime is important, choose Eaton Performance differentials. Mud, sand and stones will be no match for your work truck or toy hauler.



## Light Trail and Sand Sports

Looking to dig into mild terrain or sandy trails? Equip your vehicle with the necessary traction device to power through the difficult spots.



## Rock Crawling

If you're taking your rig on the rocks, chances are wheels will be in the air. Choose our automatically engaging or driver-selectable products to ensure you do not end up stranded in mother nature.



## Extreme Off-Road

Extreme vehicles require the most capable, durable products. When fans, friends and sponsors are relying on you - why select any other product than the best? Choose Eaton performance differentials - engineered by the experts in driveline for more than 100 years.



# Differentials Special Applications

Model Year	Axle Description	Axle Shaft Diameter	Spline Count	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton Posi	Eaton ELocker
<b>Performance</b>								
	Dana 30, Volvo/RWD 7.2"	1.15"	27	3.73 & up		912A588		
	Dana Super 35	7.56"	1.15"	3.54 & up	162C66A (x)			19822-010(x)
	Chrysler	8.75"	1.20"	30	2.76- 5.57	187SL14A	913A572	
	Chrysler	8.75"	1.31"	33	2.76- 4.56		914A583 (i)	
	Dodge Viper		30				913A614	
	Dana Super 44	8.5"/9"	1.36"	33	3.92 & up	187SL192A (xxix)		
	GM 12 Bolt car	8.875"	1.41"	33	3.08- 2.90	187C198A	914A576 (i)	
	GM 12 Bolt car	8.875"	1.41"	33	4.10 & up		914A575 (i)	
	GM 12 Bolt car	8.875"	1.50"	35	4.10 & up	187S196A (iv)		
	GM 12 Bolt Car	8.875"	1.32"	30	4.10 & up			19510-010 (xxx)
	GM 12 Bolt Truck	8.875"	1.32"	30	3.73 & up			19512-010 (xxx)
	Ford	8.8"	33	All			913A701	
	Ford	9"	1.50"	35	3.25 & up	187S160A	914A690	
	Ford	9"	1.32"	31	3.25 & up	187SL188A (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		
					4.56 & up	225SL193A		

## Circle Track

	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)			

### Circle Track

In circle track racing, every little advantage counts. Eaton offers the lightest, most durable differentials to provide power through the nail-biting left turns and wide-open straightaways.



# Differentials Notes

- i** Detroit Truetrac, 33-spline units for this application are designed to fit axles cut with 45-degree pressure angles
- ii** 4.56, 4.88 and 5.13 gear ratios require some modification for install
- iii** Bearing LM102949 and race LM102910 are required
- iv** Designed to fit axles cut with 45-degree pressure angles
- v** Custom housing with 3.25" bearing bore
- vi** All Eaton differentials made for General Motors 8.5" and 8.6" axles require special bearings. For axles with small bearing bores (race O.D. or 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.
- vii** 2007 and newer vehicles require model years 2003-2006 ring and pinion
- viii** For Dana 70/70HD, 35 spline applications: If differential case is one-piece use Detroit Locker #225SL58 (A,B,C,D); If differential case is two-pieces use Detroit Locker #225S18
- ix** Applies to disconnect only
- x** Bearing LM102949 and race LM102911 and unique shims are required
- xi** Bearing LM102949 and race LM102911 are required
- xii** For Dana 61-1 full float, 1.31" axle shaft diameter, 30-spline axles: 3.31 & dn ratios use Detroit Locker #225SL19B
- xiii** Full float only
- xiv** Will fit OE 3.73 thin gear sets
- xv** Manual locking hubs recommended
- xvi** 225S10 differential replaces the conventional differential internals used in certain 1973- 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.
- xvii** Requires ring gear bolt: GM part #12479387
- xviii** Axle serial numbers 49L11363C or 57L05188B and later
- xix** Axle serial numbers
- xx** Axle serial numbers 35S18135C or 37S08651B and later
- xxi** Axle serial numbers and later
- xxii** All vehicles equipped with OE Electric Locker require modification
- xxiii** 911A644 will not fit clamshell housing
- xxiv** 32010X bearing allows 913A610 in place of 913A611
- xxv** Will not fit selector disconnect "shift on the fly"
- xxvi** "Small" hub bearing diameter 45 mm
- xxvii** "Large" hub bearing diameter 55 mm- uses Toyota bearing #90368-50006
- xxviii** 2006- 2007 Z06 and 2008- present models require use of 28682/28621 bearing and race of the long shaft side
- xxix** Bearing LM102949 and race LM102912 are required
- xxx** Includes 800# preload springs

# Eaton Posi Service Kits

Part Number	Description	Standard Package	GM 7.5" 19663-010	GM 7.625" 19599-010	GM 8.2" 19686-010	GM 8.2" 19670-010	GM 8.2" 19673-010	GM 8.2" 19674-010	GM 8.2" 19603-010	GM 8.5" 19557-010	C5 Corvette
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				
PS97P20007	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	X	
29590-00S	Preload Kit (400#)	Springs, plates			X	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									
99942-00S	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									



# Eaton ELocker Service Kits

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	Dana 44, 2-pinion	Dana 44, 4-pinion	Various Dana 60
29235-00S	Universal Wiring Kit	Dash switch, fuse & holder, relay, suppression device, wiring harness & connectors and conduit	X	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, pinion shaft(s) and shaft lock screw									X
26882-00S	Gear Service Kit Dana 60, 35 spline	Side gear, pinion gears, shims, pinion thrust washers, pinion shaft(s) and shaft lock screw									X
26883-00S	Gear Service Kit Dana 44, 30 spline	Side gear, pinion gears, shims, pinion thrust washers, pinion shaft(s) and shaft lock screw							X		
26981-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers, pinion shaft(s) and shaft lock screw								X	
29296-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers, ramp pins, ramp pin retainer, pinion shaft and shaft lock screw	X								
29308-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers, ramp pins, ramp pin retainer, pinion shaft and shaft lock screw				X					
29309-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers, ramp pins, ramp pin retainer, pinion shaft and shaft lock screw					X				
29394-00S	Gear Service Kit	Side gear, pinion gears, shims, pinion thrust washers, ramp pins, ramp pin retainer, pinion shaft and shaft lock screw		X	X						
26884-00S	Locking Mechanism Kit	Push rods, wave springs, lock-up plate									X
26885-00S	Locking Mechanism Kit	Push rods, wave springs, lock-up plate							X		
26983-00S	Locking Mechanism Kit	Push rods, wave springs, lock-up plate								X	
29305-00S	Locking Mechanism Kit	Ball ramp set, ball bearings, preload springs, thrust bearing, bearing race and retaining ring	X			X	X				
29396-00S	Locking Mechanism Kit	Ball ramp set, ball bearings, preload springs, thrust bearing, bearing race and retaining ring		X	X						
26663-00S	Stator / Armature Kit	Stator, bearing race, thrust bearing and retaining ring						X			
26664-00S	Stator / Armature Kit	Stator, bearing race, thrust bearing and retaining ring							X		
26665-00S	Stator / Armature Kit	Stator, bearing race, thrust bearing and retaining ring									X
26982-00S	Stator / Armature Kit	Stator, bearing race, thrust bearing and retaining ring								X	
29393-00S	Stator / Armature Kit	Stator, bearing race, thrust bearing and retaining ring	X			X	X				
29395-00S	Stator / Armature Kit	Stator, bearing race, thrust bearing and retaining ring			X						
29397-00S	Stator/ Armature Kit	Stator assembly, armature and retaining bracket		X							



PREVENT failure

choose the right

OIL

for your Eaton Performance differential

Selecting the proper oil-type for your differential is very important. Improper lubrication can cause unnecessary wear or even worse-failure. With literally hundreds of options to choose from, the lube aisle at the auto parts store can be overwhelming. The quick tips below will help in finding the correct oil for optimum performance.

**Detroit Locker and Eaton ELocker**

Most gear oils are sufficient, however, a quality petroleum (mineral) based oil is recommended. Synthetic oils and friction modifiers are not necessary.

**Detroit Truetrac**

A quality petroleum (mineral) based oil is recommended. Synthetic oils and friction modifiers should not be used, as they will decrease overall performance.

**Eaton Posi**

A quality GL4 or better petroleum (mineral) based oil is recommended. A four ounce bottle of friction modifier is necessary for optimum performance.

**What is the standard warranty?  
Do I need to break-in my unit?**

Find answers to all of your questions at:

[www.EatonPerformance.com/FAQS](http://www.EatonPerformance.com/FAQS)

