

Application Guide

Detroit Locker®
Eaton ELocker®
Detroit Truetrac®
Eaton Posi™



Powering Business Worldwide

Performance Differentials

Putting power to the ground when you need it most



Application Guide Contents

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The Power of Control

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



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



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



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



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.

- Pyrolytic carbon clutches
- Rebuildable design
- Net-forged gears for added strength
- Smooth, automatic operation
- Works in forward and reverse

General Information

Application Guide Usage

How to use this application guide

1. Navigate to the appropriate vehicle type and OEM.
2. Using your vehicle owners manual, find the correct model year and axle type.
3. **If known**, find the correct axle shaft diameter, spline count and gear ratio. **If unknown**, please consult your local mechanic as these items are critical to selecting the appropriate differential unit.
4. Find the Eaton differential products available for your specific vehicle.

| Year | Description | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|---|-------------------|--------------------|---------------------|--------------|------------|----------------|------------------|------------|---------------|
| GM: 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 | |
| | GM 12 bolt car | 8.875" | 1.29" | 30 | 4.10 & up | | | 19555-010 | |
| 1988 - 1996 | GM 10 bolt C-Clip | 8.5"/8.6" | 1.32" | 30 | 2.73 & up | 187C148A | 913A481 | 19559-010 | 19659-010 |
| 1971 - 1989 | GM 10 bolt C-Clip | 8.5" | 1.20" | 28 | 2.73 & up | 187C149A | 912A556 | 19557-010 | |
| 2010 - 2011 | Camaro | 218mm | | 32 | 3.45, 3.73 | | 912A686 | | |

5. IMPORTANT

Eaton Performance differentials are designed for very specific axle applications. Product listings with roman numerals (i- xxxiii) may require special components or special technical knowledge for installation. Please review the notes section on page 15 and consult with your local mechanic prior to purchasing or installing any Eaton product.

Quick Reference

No matter your application, Eaton Performance has a differential to meet your needs.

| Product | On Road | | | | | Off-Road | | | |
|------------------------|-------------|--------------|-------------|-------------------|---------------------|---------------------|---------------------------|------------|------------------|
| | Drag Racing | Circle Track | Restoration | Street and Muscle | Work Truck / Towing | Work Truck / Towing | Light Trail / Sand Sports | Rock Crawl | Extreme Off-Road |
| Eaton Posi | | | | | | | | | |
| Eaton Detroit Truetrac | | | | | | | | | |
| Eaton ELocker | | | | | | | | | |
| Eaton Detroit Locker | | | | | | | | | |

Differentials Passenger Car

| Model Year | Axle Description | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|-------------------------------------|------------------|--------------------|---------------------|--------------|-------------|----------------|------------------|------------|----------------------|
| Chrysler, Dodge and Plymouth | | | | | | | | | |
| 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 | | NEW 14020-010 |
| | | | | | 4.56 & up | 225SL19A | 913A390 | | NEW 14021-010 |
| 1966 - 1972 | Dana 60 HD | 9.75" | 1.50" | 35 | 4.10 & dn | 225SL29B | 915A385 | | NEW 14022-010 |
| | | | | | 4.56 & up | 225SL29A | 915A386 | | NEW 14023-010 |

Ford, Lincoln and Mercury

| | | | | | | | | | |
|-------------|-------------|------|-------|----|-----------|---------------|---------------|-----------|-----------|
| 1975 - 2009 | Ford C-Clip | 7.5" | 1.20" | 28 | All | 162C57A | 912A316 | | |
| 1986 - 2015 | Ford C-Clip | 8.8" | 1.32" | 31 | All | 187C145A (ii) | 913A561 | 19588-010 | 19660-010 |
| Custom | Ford | 8.8" | | 33 | | | 913A701 | | |
| 1982 - 2015 | 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 | | 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 (vi) | |
| 1988 - 1996 | GM 10 bolt C-Clip | 8.5"/8.6" | 1.32" | 30 | 2.73 & up | 187C148A (vii) | 913A481 (vii) | 19559-010 (vii) | 19659-010(vii) |
| 1971 - 1989 | GM 10 bolt C-Clip | 8.5" | 1.20" | 28 | 2.73 & up | 187C149A (vii) | 912A556 (vii) | 19557-010 (vii) | |
| 1964 - 1971 | GM 10 bolt Buick, Olds and Pontiac | 8.2" | 1.25" | 28 | 3.36 & up | | | 19674-010 | |
| 1964 - 1972 | GM 10 bolt Chevrolet | 8.2" | 1.23" | 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 - 2015 | 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 (xxix) | |

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 | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|---|------------------|------------------------|---------------------|--------------|------------------------|--------------------------------|--------------------------------|--|--|
| Chrysler, Dodge and Plymouth Small and Half-Ton Truck, Wagon and Van | | | | | | | | | |
| FRONT | 1969 - 2001 | Dana 44 | 8.5" | 1.31" | 30 | 3.73 & dn 3.92 & up | 187SL16D 187SL16C | 913A591 913A592 | 19977-010 19969-010 |
| | 1994 - 1999 | Dana 60 | 9.75" | 1.31" | 30 | 4.10 & dn 4.56 & up | | | NEW 14020-010 NEW 14021-010 |
| | 1971 - 1993 | Dana 60 HD | 9.75" | 1.50" | 35 | 4.10 & dn 4.56 & up | 225SL29B 225SL29A | 915A387 915A388 | NEW 14022-010 NEW 14023-010 |
| | 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 | NEW 14020-010 NEW 14021-010 |
| to 1971 | Dana 60 | 9.75" | 1.24" | 16 | 4.10 & dn 4.56 & up | 225S12A | | | |
| 1972 - 1990 | Dana 70 | 10.5" | 1.50" | 35 | 4.10 & dn 4.56 & up | 225SL58D (ix) 225SL58C (ix) | | NEW 14032-010 NEW 14033-010 | |
| 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 | | | NEW 14024-010 | |
| | Dana Super 60 | 9.75" | 1.70" | 40 | 4.56 & up | 225SL193B | | NEW 14025-010 | |
| 2003 - 2015 | AAM | 11.5" | | 30 | All | 250SL195A (viii) | 915A568 (viii) | | |
| Chrysler, Dodge and Plymouth Three Quarter and One-Ton Truck, Wagon, Van, Cab & Chassis and Motor Home | | | | | | | | | |
| FRONT | 2003 - 2010 | AAM Dodge | 9.5" | | 33 | | | 914A643 (viii) | |
| | 1976 - 2000 | Dana 60 HD | 9.75" | 1.50" | 35 | 4.10 & dn 4.56 & up | 225SL29B 225SL29A | 915A387 915A388 | NEW 14022-010 NEW 14023-010 |
| | 1971 - 1976 | Dana 70 | 10.5" | 1.50" | 35 | 4.56 & up | 225SL58C (ix) | | NEW 14033-010 |
| | 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 | NEW 14020-010 NEW 14021-010 |
| | 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 (ix) 225SL58C (ix) | | NEW 14032-010 NEW 14033-010 |
| | 1972 - 1985 | Dana 70 HD | 10.5" | 1.50" | 35 | 4.10 & dn 4.56 & up | 225SL58B (ix) 225SL58A (ix) | | NEW 14032-010 NEW 14033-010 |
| | 1971 - 1974 | Dana 70 | 10.5" | 1.50" | 35 | All | 225S18 | | NEW 14032-010 |
| | 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 - 2015 | AAM | 11.5" | | 30 | All | 250SL195A | 915A568 | | |

Differentials Truck, SUV, Van and Chassis

| Model Year | Axle Description | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|--|------------------|-----------------------------------|---------------------|--------------|------------|----------------|------------------|------------|---------------------|
| Ford Small Truck, Minivan and SUV | | | | | | | | | |
| FRONT | 1990 - 1994 | Explorer, Dana 35 IFS Snap Ring | 1.14" | 27 | 3.54 & up | 162C56A | | | 19821-010(xii) |
| | 1990 - 1997 | 1/2 Ranger, Dana 35 IFS Snap Ring | | | 3.54 & up | 162C56A | | | 19821-010(xii) |
| | 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 | |

Ford Half-Ton Truck, Van and SUV

| | | | | | | | | | |
|-------|-------------|--------------------|-------|-------|----|------------------------|------------------------------|----------------------------|----------------------------------|
| FRONT | 1967 - 1972 | Dana 30 | 7.2" | 1.16" | 27 | 3.54 & dn 3.73 & up | 162SL60A (x) 162SL60B (x) | 912A584 (x) 912A585 (x) | 19817-010 (xi) 19818-010 (xi) |
| | 1970 - 1982 | Dana 44 | 8.5" | 1.31" | 30 | 3.73 & dn 3.92 & up | 187SL16D 187SL16C | 913A591 913A592 | 19977-010 19969-010 |
| | 1983 - 1997 | Dana 44 C-Clip IFS | 8.5" | 1.31" | 30 | 3.73 & dn 3.92 & up | | 913A591 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 3.92 & up | 187SL16D 187SL16C | 913A589 913A590 | 19977-010 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 | |

Ford Three Quarter-Ton Truck, Van and SUV

| | | | | | | | | | |
|-------|-------------|--------------------|--------------|-------|----|------------------------|--------------------------------|----------------------------|---|
| FRONT | 1967 - 1996 | Dana 44 | 8.5" | 1.31" | 30 | 3.73 & dn 3.92 & up | 187SL16D 187SL16C | 913A591 913A592 | 19977-010 19969-010 |
| | 1997 - 2008 | Ford IFS Snap Ring | 8.8" | 1.20" | 28 | All | 187C147A (ii) | 912A563 | |
| | 1979 - 2012 | Dana 60 | 9.75" | 1.50" | 35 | 4.10 & dn 4.56 & up | 225SL29B 225SL29A(xxxii) | 915A387 915A388 (xxxii) | NEW 14022-010 NEW 14023-010(xxxii) |
| | Custom | Dana Super 60 | 9.75" | 1.70" | 40 | 4.56 & up | | | NEW 14024-010 |
| | Custom | Dana Super 60 | 9.75" | 1.70" | 40 | 4.10 & dn | 225SL193B | | NEW 14025-010 |
| | 1975 - 1984 | Dana 60-3 | 9.75" | 1.31" | 30 | 4.10 & dn 4.56 & up | 225SL19B 225SL19A | 913A389 913A390 | NEW 14020-010 NEW 14021-010 |
| | 1974 - 1987 | Dana 61-1 | 9.75" | 1.31" | 30 | | See Note (xiii) | | NEW 14020-010 |
| | 1985 - 2012 | Ford | 10.25"/10.5" | 1.50" | 35 | All | 225SL56A (xiv) | 915A550 (xiv) | 19694-010 (xiv) |
| | 1983 - 1985 | Dana 70U | 10.5" | 1.50" | 35 | 4.10 & dn 4.56 & up | 225SL58D (ix) 225SL58C (ix) | | NEW 14032-010 NEW 14033-010 |

Differentials Truck, SUV, Van and Chassis

| Model Year | Axle Description | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|---|--------------------------|--------------------|---------------------|--------------|------------|-----------------|------------------|-----------------------|-----------------------------|
| Ford One-Ton Truck, Van, Wagon and Cab & Chassis | | | | | | | | | |
| 1974 - 2012 | Dana 60 | 9.75" | 1.50" | 35 | 4.10 & dn | 225SL29B | 915A387 | | NEW 14022-010 |
| 1974 - 2012 | Dana 60 | 9.75" | | | 4.56 & up | 225SL29A(xxxii) | 915A388(xxxii) | | NEW 14023-010(xxxii) |
| 1981 - 1987 | Dana 61-1 | 9.75" | 1.31" | 30 | | See Note (xiii) | | | |
| 1978 - 1979 | Dana 60 Snowplow Package | 9.75" | 1.31" | 30 | 4.10 & dn | 225SL19B | 913A389 | | NEW 14020-010 |
| | | | | | 4.56 & up | 225SL19A | 913A390 | | NEW 14021-010 |
| 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 (ix) | | | NEW 14032-010 |
| | | | | | 4.56 & up | 225SL58A (ix) | | | NEW 14033-010 |
| 1983 - 1997 | Dana 70-U-1,2 | 10.5" | 1.50" | 35 | 4.10 & dn | 225SL58D (ix) | | | NEW 14032-010 |
| | | | | | 4.56 & up | 225SL58C (ix) | | | NEW 14033-010 |
| 1985 - 2012 | Ford | 10.25"/10.5" | 1.50" | 35 | All | 225SL56A (ix) | 915A550 (xiv) | 19694-010 (xiv) | |
| 1996 - 2011 | Dana 80 | 11.5" | 1.60" | 37 | 3.73 & dn | 916A566 | | | |
| | | | | | 4.10 & up | 225SL105A (xv) | 916A427 (xv) | | |
| 1998 - 2011 | Dana 80 | 11.5" | 1.50" | 35 | 3.73 & dn | 915A567 | | | |
| | | | | | 4.10 & up | 225SL131A (xv) | 915A450 (xv) | | |
| 1998 - 2011 | Dana S135 | 14.25" | 1.84" | 36 | 4.63- 5.38 | 250SL166 | | | |
| General Motors Half-Ton Truck | | | | | | | | | |
| 1977 - 1988 | GM 10 bolt | 8.5" | 1.20" | 28 | 2.73 & up | 187C149A | 912A557 (vii) | 19557-010 (vii) | |
| to 1980 | Dana 44 | 8.5" | 1.31" | 30 | 3.73 & dn | 187SL16D | 913A591 | | 19977-010 |
| | | | | 30 | 3.92 & up | 187SL16C | 913A592 | | 19969-010 |
| 1988 - 1991 | GM 10 bolt | 8.5" | 1.30" | 30 | 2.73 & up | 187C148A (vii) | | 19559-010 (vii) | 19659-010 |
| 1988 - 2002 | GM 10 bolt | 7.5"/7.6" | 1.20" | 28 | 3.23 & up | 162C59A | 912A317 | 19599-010 | |
| 1982 - 1989 | 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 - 2013 | GM 10 bolt C-Clip | 8.5"/8.6" | 1.32" | 30 | 2.73 & up | 187C148A (vii) | 913A481 (vii) | 19559-010 (vii) | 19659-010 (vii) |
| 1972 - 1989 | GM 10 bolt C-Clip | 8.5" | 1.20" | 28 | 2.73 & up | 187C149A (vii) | 912A556 (vii) | 19557-010 (vii) | |
| 1964 - 1982 | GM 12 bolt C-Clip | 8.875" | 1.30" | 30 | 3.73 & up | 187C150A (vii) | 913A315 (vii) | 19556-010 (vii) | |
| | | | | | 2.76-3.42 | | | 19587-010 | |
| 1981 - 2012 | GM 14 bolt C-Clip | 9.5" | 1.37" | 33 | All | 225C135A | 914A538 | 19590-010 | |
| General Motors Three Quarter-Ton Truck | | | | | | | | | |
| 1977 - 1989 | GM 10 bolt | 8.5" | 1.20" | 28 | 2.73 & up | 187C149A (vii) | 912A557 (vii) | 19557-010 (xvi) (vii) | |
| 1988 - 1991 | GM 10 bolt | 8.5" | 1.31" | 30 | 2.73 & up | 187C148A | | 19559-010 (xvi,vii) | 19659-010 |
| to 1980 | Dana 44 | 8.5" | 1.31" | 30 | 3.73 & dn | 187SL16D | 913A591 | | 19977-010 |
| | | | | | 3.92 & up | 187SL16C | 913A592 | | 19969-010 |
| 1988 - 2007 | GM 10 bolt C-Clip Van | 8.5"/8.6" | 1.32" | 30 | 2.73 & up | 187C148A (vii) | 913A481 (vii) | 19559-010 (vii) | 19659-010 |
| 1978 - 1989 | GM 10 bolt C-Clip Van | 8.5" | 1.20" | 28 | 2.73 & up | 187C149A (vii) | 912A556 (vii) | | |
| 1981 - 2012 | GM 14 bolt C-Clip | 9.5" | 1.37" | 33 | All | 225C135A | 914A538 | 19590-010 | |
| 1972 - 2012 | GM 14 bolt | 10.5" | 1.50" | 30 | 4.10 & dn | 225S10 (xvii) | 915A545 | 19689-010 | |
| 1972 - 2012 | GM 14 bolt | 10.5" | 1.50" | 30 | 4.56 & up | 225S10 (xvii) | 915A547 | 19610-010 (xviii) | |
| 1975 - 1991 | Dana 60 HD | 9.75" | 1.50" | 35 | 4.10 & dn | 225SL29B | 915A385 | | NEW 14022-010 |
| | | | | | 4.56 & up | 225SL29A | 915A386 | | NEW 14023-010 |
| to 1974 | Dana 60 | 9.75" | 1.31" | 30 | 4.10 & dn | 225SL19B | 913A389 | | NEW 14020-010 |
| | | | | | 4.56 & up | 225SL19A | 913A390 | | NEW 14021-010 |
| Custom | Dana Super 60 | 9.75" | 1.70" | 40 | 4.56 & up | | | | NEW 14024-010 |
| Custom | Dana Super 60 | 9.75" | 1.70" | 40 | 4.10 & dn | 225SL193B | | | NEW 14025-010 |
| 2001 - 2012 | AAM | 11.5" | | 30 | All | 250SL195A | 915A568 | | |

Differentials Truck, SUV, Van and Chassis

| Model Year | Axle Description | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|--|--------------------------------------|--|---------------------|--------------|------------|--|------------------|----------------|-------------------|
| General Motors One-Ton Truck, Van, Cab & Chassis, Motor Home and Bus | | | | | | | | | |
| FRONT | 1977 - 1987 | Dana 60 HD | 9.75" | 1.50" | 35 | 4.10 & dn | 225SL29B | 915A387 | NEW 14022-010 |
| | | | | | | 4.56 & up | 225SL29A | 915A388 | NEW 14023-010 |
| | 1988 - 2012 | GM 14 bolt C-Clip | 9.5" | 1.37" | 33 | All | 225C135A | 914A538 | 19590-010 |
| | 1973 - 2012 | GM 14 bolt | 10.5" | 1.50" | 30 | 4.10 & dn | 225S10 (xvii) | 915A545 | 19689-010 |
| | | | | | | 4.56 & up | 225S10 (xvii) | 915A547 | 19610-010 (xviii) |
| | 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 | | NEW 14032-010 |
| | | 5/8" pinion offset | | 1.50" | 35 | 4.56 & up | 225SL58A | | NEW 14033-010 |
| | 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 | | NEW 14032-010 |
| | 31/32" pinion offset | | 1.50" | 35 | 3.54-4.56 | 225SL58E | | NEW 14033-010 | |
| 1973 - 1991 | Dana 60 HD (G Series) | 9.75" | 1.50" | 35 | 4.10 & dn | 225SL29B | 915A385 | NEW 14022-010 | |
| | | | | | 4.56 & up | 225SL29A | 915A386 | NEW 14023-010 | |
| 1984 - 1986 | Dana 70U | 10.5" | 1.50" | 35 | 4.10 & dn | 225SL58D | | NEW 14032-010 | |
| 1979 - 1980 | Dana 70B | 10.5" | | | 4.56 & up | 225SL58C | | NEW 14033-010 | |
| 2001 - 2012 | AAM | 11.5" | 1.55" | 30 | All | 250SL195A | 915A568 | | |
| GM One-Ton HD Truck | | | | | | | | | |
| 1992 - 2007 | 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 | 250S27 | | |
| | | Rockwell 100/102/200 | | 1.62" | 16 | All | 225S15 | | |
| 2001 - 2012 | AAM | 11.5" | 1.55" | 30 | All | 250SL195A | 915A568 | | |
| Jeep Cherokee, Grand Cherokee, Liberty, Post Office Truck, Scrambler, Wagoneer and Wrangler | | | | | | | | | |
| FRONT | 1971 - 2006 | Dana 30 | 7.2" | 1.16" | 27 | 3.54 & dn | 162SL60A (x) | 912A584 (x) | 19817-010 (xi) |
| | | | | | | 3.73 & up | 162SL60B (x) | 912A585 (x) | 19818-010 (xi) |
| | Custom | Dana Super 30 | | | 30 | 3.73 & up | | | 19819-010 (xi) |
| | 1970 - 2009 | Dana M-44-IF, IFHD | 8.5" | 1.31" | 30 | 3.73 & dn | 187SL16D (x) | 913A591 (x) | 19977-010 |
| | | | | | | 3.92 & up | 187SL16C (x) | 913A592 (x) | 19969-010 |
| | 2007 - 2014 | Dana 30 Wrangler JK | 7.2" | 1.16" | 27 | 3.54 & dn | 162SL60A (x) | 912A584 (x) | 19817-010 (xi) |
| | | | | | | 3.73 & up | 162SL60B (x) | 912A585 (x) | 19818-010 (xi) |
| | 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 (xi) |
| 1985 - 1989 | Dana 35 non C-Clip | 7.56" | 1.18" | 27 | 3.54 & up | 162C56A | 912A569 | 19821-010 (xi) | |
| Custom | Dana Super 35 | 7.56" | | 30 | 3.54 & up | 162C66A (xi) | | 19822-010 (xi) | |
| 2007 - 2016 | Dana 44 Wrangler JK (Non-Rubicon) | 8.5" | 1.31" | 30 | All | | 913A589 | 19977-010 | |
| | | | | | | NOTE: The Detroit Locker and Truetrac for this application are designed for 3/8" ring gear bolts. | | | |
| 1997 - 2006 | Wrangler Dana 44 | 8.5" | 1.31" | 30 | 3.73 & dn | 187SL16D (xxxii) | 913A589 (xxxii) | 19977-010 | |
| 1971 - 2006 | Various Dana 44 | 8.5" | 1.31" | 30 | 3.92 & up | 187SL16C (xxxii) | 913A590 (xxxii) | 19969-010 | |
| | | | | | 3.73 & dn | 187SL16D (xxxii) | 913A589 (xxxii) | 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 | 3.92 & up | 187SL192A (xxx) | | | |
| 1974 - 1987 | Dana M60-3R | 9.75" | 1.31" | 30 | 4.10 & dn | 225SL19B | 913A389 | NEW 14020-010 | |
| | | | | | 4.56 & up | 225SL19A | 913A390 | NEW 14021-010 | |
| 1976 - 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 | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|-----------------------------|---------------------|--------------------|---------------------|--------------|------------|----------------|------------------|------------|---------------|
| Hummer H1, H2 and H3 | | | | | | | | | |
| | 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 | | | | |
| | 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 | |
| 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 (x) | 912A584 (x) | 19817-010 (xi) |
| | | | | | | 3.73 & up | 162SL60B (x) | 912A585 (x) | 19818-010 (xi) |
| | 1973 - 1980 | Dana 44 | 8.5" | 1.31" | 30 | 3.92 & up | 187SL16C | 913A592 | 19969-010 |
| | | | | | | 3.73 & dn | 187SL16D | 913A591 | 19977-010 |
| | 1967 - 1980 | Dana 44 | 8.5" | 1.31" | 30 | 3.92 & up | 187SL16C | 913A590 | 19969-010 |
| | | | | | | 3.73 & dn | 187SL16D | 913A589 | 19977-010 |

Isuzu Rodeo

| | | | | | | | | | |
|-------------|------------|---------|-------|----|-----------|----------|---------|--|-----------|
| 1993 - 2000 | Dana 44 | 8.5"/9" | 1.31" | 30 | 3.73 & dn | 187SL16D | 913A589 | | 19977-010 |
| | | | | | 3.92 & up | 187SL16C | 913A590 | | 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 (xix) | 912A407 (xix) | | |
| | 1985 - 1993 | Rover Type | 1.11" | 10 | 3.54 | 187SL174A (xx) | 910A416 (xx) | | |
| | | Salisbury 8HA | 1.24" | 24 | 3.54 | 225SL36 | | | |
| | 1993 - 2000 | Rover Type | 1.24" | 24 | 3.54 | 187SL173A (xxi) | 912A383 (xxi) | | |
| | 1985 - 1993 | Rover Type | 1.11" | 10 | 3.54 | 187SL174A (xxii) | 910A400 (xxii) | | |
| | | Salisbury 8HA | 1.24" | 24 | 3.54 | 225SL36 | | | |
| | | Salisbury Defender | | 24 | 4.10 & dn | | 912A593 | | |

Nissan Titan, Truck, Xterra and Frontier

| | | | | | | | | | |
|-------------|-----------------------------|--|-------|----|-----|-----------|-----------------|--|--|
| 2003 - 2007 | Titan M226 | | 1.38" | 32 | All | | 913A582 (xxiii) | | |
| | H233 | | 1.25" | 31 | All | 187SL167A | | | |
| 2005 - 2007 | Xterra M226 x/manual trans. | | 1.38" | 32 | All | | 913A582 (xxiii) | | |
| 2005 - 2007 | Frontier w/M226 option | | 1.38" | 32 | All | | 913A582 (xxiii) | | |

Saab: 9-7x

| | | | | | | | | | |
|-------------|------|--|-------|----|-----------|----------|---------|-----------|-----------|
| 2005.5-2007 | 8.6" | | 1.32" | 30 | 2.73 & up | 187C148A | 913A481 | 19559-010 | 19659-010 |
|-------------|------|--|-------|----|-----------|----------|---------|-----------|-----------|

Toyota 4-Cylinder Hilux, 4Runner, Celica and Celica GT

| | | | | | | | | | |
|-------------|----------------------------|----------------------------------|-------|----|-------------|----------------|----------------------|--|--|
| FRONT | 1974 - 1985 | 8" 2-pinion | 1.30" | 30 | All | 187SL61A | 913A609 (xxvii) | | |
| | 1986 - 1988 | 7.5" IFS | 1.10" | 27 | All | | 911A445 (xxvi,xxvii) | | |
| | 1986 - 2004 | 7.5" IFS 4Runner only | 1.12" | 27 | All | | 911A445 | | |
| | 1989 - 2004 | 7.5" | 1.12" | 27 | All | | 911A342 (xxviii) | | |
| | 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 (xxv) | 913A610 (xxv) | | |
| 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 | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|--|---|--------------------|---------------------|--------------|------------|-----------------------|------------------|------------|---------------|
| Toyota 6-Cylinder Hilux and 4Runner | | | | | | | | | |
| 1986 - 1995 | 8" 4-pinion (w) 4x4 turbo/gas/diesel 4x2 cab chassis | 1.30" | 1.30" | 30 | All | 187SL61B | 913A610 | | |
| 1995 - 2005 | 8.4" Tacoma, Tundra, T-100 | 1.29" | 1.29" | 30 | 3.54- 5.29 | 187SL199A | 913A541 | | |
| Toyota Land Cruiser and FJ | | | | | | | | | |
| 1990 - 2007 | 8.4" 4-pinion (w) | 1.30" | 1.30" | 30 | All | 187SL61B | 913A612 | | |
| 1967 - 1989 | 9.5" 2-pinion C-Clip | 1.30" | 1.30" | 30 | All | 187C152A | | | |
| 1967 - 1997 | 9.5" C-Clip Australian 8 7/8" | 1.30" | 1.31" | 30 | All | 187C152A 225SL124A | | | |
| 2005 - 2009 | FJ80 | 1.30" | 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.



Trail and Sand Sports

Looking to dig into rugged 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 | Ring Gear Diameter | Axle Shaft Diameter | Spline Count | Gear Ratio | Detroit Locker | Detroit Truetrac | Eaton Posi | Eaton ELocker |
|--------------------|-------------------------|--------------------|---------------------|--------------|------------|--------------------------------|------------------|-------------------|----------------------|
| Performance | | | | | | | | | |
| | Dana 30, Volvo/RWD 7.2" | 7.25" | 1.15" | 27 | 3.73 & up | | 912A588 | | |
| | Dana Super 35 | 7.56" | 1.15" | 30 | 3.54 & up | 162C66A (xi) | | | 19822-010 (xi) |
| | 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 (xxx) | | | |
| | GM 12 Bolt car | 8.875" | 1.41" | 33 | 3.08- 3.90 | | 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 (xxxii) | |
| | GM 12 Bolt Truck | 8.875" | 1.32" | 30 | 3.73 & up | | | 19512-010 (xxxii) | |
| | 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 | | NEW 14022-010 |
| | | | | | 4.56 & up | | 915A386 | | NEW 14023-010 |
| | Dana Super 60 | 9.75" | 1.70" | 40 | 4.10 & dn | 225SL193B | | | NEW 14024-010 |
| | | | | | 4.56 & up | | | | NEW 14025-010 |
| | Dana 70 | 10.5" | | 40 | 4.10 & dn | | | | NEW 14034-010 |
| | | | | | 4.56 & up | | | | NEW 14035-010 |

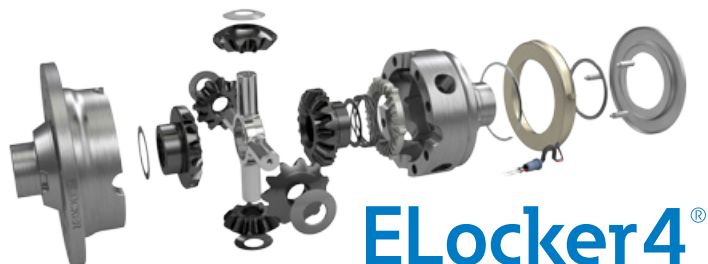
Circle Track

| | | | | | | | | | |
|--|--|-------|----|---------------|----------------------------|--|--|--|--|
| | 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.



ELocker4®

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** Factory open differentials requires housing modification for installation
- vii** 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. 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.
- viii** 2007 and newer vehicles require model years 2003-2006 ring and pinion
- ix** 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
- x** Applies to non-disconnect only
- xi** Bearing LM102949 and race LM102911 and unique shims are required
- xii** Bearing LM102949 and race LM102911 are required
- xiii** For Dana 61-1 full float, 1.31" axle shaft diameter, 30-spline axles: 3.31 & dn ratios use Detroit Locker #225SL19B
- xiv** Full float only
- xv** Will fit OE 3.73 thin gear sets
- xvi** Manual locking hubs recommended
- xvii** 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.
- xviii** Requires ring gear bolt: GM part #12479387
- xix** Axle serial numbers 49L11363C or 57L05188B and later
- xx** Axle serial numbers and later: Range Rover- suffix H, 88/109 4 cyl. ¾ ton - suffix H, 109 V8/1 ton- suffix D
- xxi** Axle serial numbers 35S18135C or 37S08651B and later
- xxii** Axle serial numbers and later: Range Rover- suffix F, 88 - suffix G, 109 V8/1 ton- (Salisbury standard), 109 4 cyl. ¾ ton- (Salisbury optional)
- xxiii** All vehicles equipped with OE Electric Locker require modification
- xxiv** 911A342 will not fit clamshell housing
- xxv** 32010X bearing allows 913A610 in place of 913A611
- xxvi** Will not fit selector disconnect "shift on the fly"
- xxvii** "Small" hub bearing diameter 45 mm
- xxviii** "Large" hub bearing diameter 50 mm- uses Toyota bearing #90368-50006
- xxix** 2006- 2007 Z06 and 2008- present models require use of 28682/28621 bearing and race of the long shaft side
- xxx** Bearing LM104949 and race LM104912 are required
- xxxi** Includes 800# preload springs
- xxxii** For use of non-thick ring gears
- xxxiii** Some applications require drill modification for fitment

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 | | | | | | | | | |
| 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 | | | | | | | | | |
| 29716-00S | 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 (Q19590-010) | 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 | X | X | X | X | X | X | X | X | X |
| 99942-00S | Lock screw kit | 10 lock screws (19559, 19557, 19663, 19599) | X | X | X | X | X | X | X | X | X |
| 29587-01S | Lock screw kit | 10 lock screws and locker washers | X | X | X | X | X | X | X | X | X |
| 29789-01S | Lock screw kit | 10 lock screws and locker washers | X | X | X | X | X | X | X | X | X |

Eaton Posi Service Kits

| GM 8.5" 19559-010 | GM 8.875" 19587-010 | GM 8.875" 19596-010 | GM 8.875" 19554-010 | GM 8.875" 19595-010 | 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 |
|----------------------|------------------------|------------------------|------------------------|------------------------|----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|
| 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 | 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 |

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 | 19817-010 | 19818-010 | 19819-010 | 19821-010 | 19822-010 | 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 | 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 | |
| 26990-00S | Gear Service Kit | ELocker, Dana 30, 27 spline | | | | | | X | X | | | | | | |
| 26991-00S | Gear Service Kit | ELocker, Dana 30, 30 spline | | | | | | | | X | | | | | |
| 26992-00S | Gear Service Kit | ELocker, Dana 35, 27 spline | | | | | | | | | X | | | | |
| 26993-00S | Gear Service Kit | ELocker, Dana 35, 30 spline | | | | | | | | | | 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 | |
| 26994-00S | Locking Mechanism Kit | All ELocker Dana 30/35 | | | | | | X | X | X | X | 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 | X | X | X | 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 GL5 rated (mineral) based oil is recommended. Synthetic oils may also be used if desired per axle manufacturer's recommendations. Friction modifiers should not be used however, as they will decrease overall performance (reduce differential bias).

Eaton Posi

A quality GL5 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

Find an Eaton Distributor at
EatonPerformance.com



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