

**PERFORMANCE-MINDED
PEOPLE DEMAND...**

Auburn Gear



**ECTED®
Lockers**

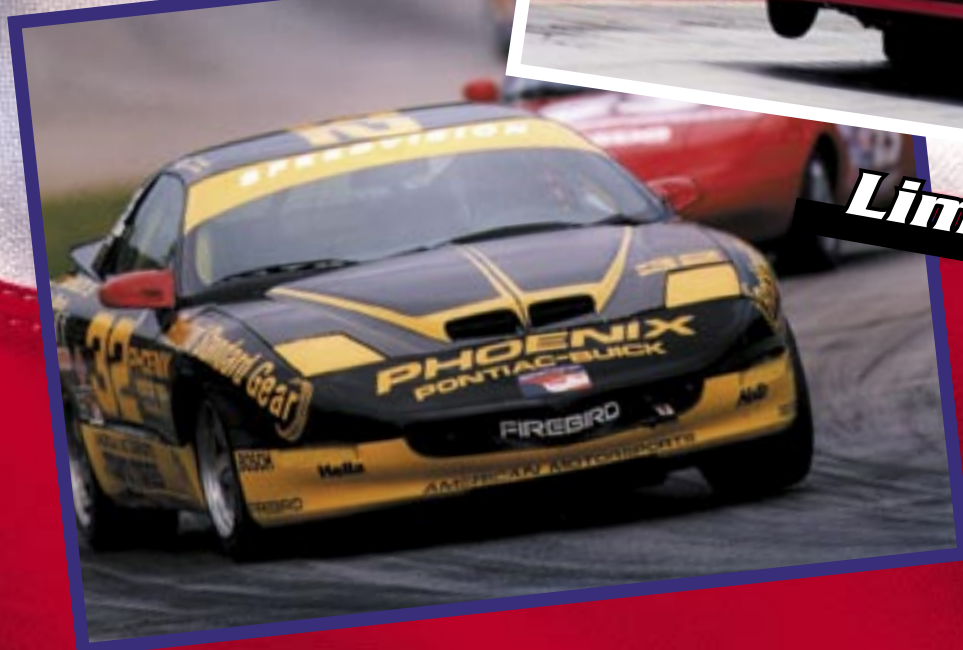


D-REX

Spools



Limited Slip



...PERFORMANCE DIFFERENTIALS

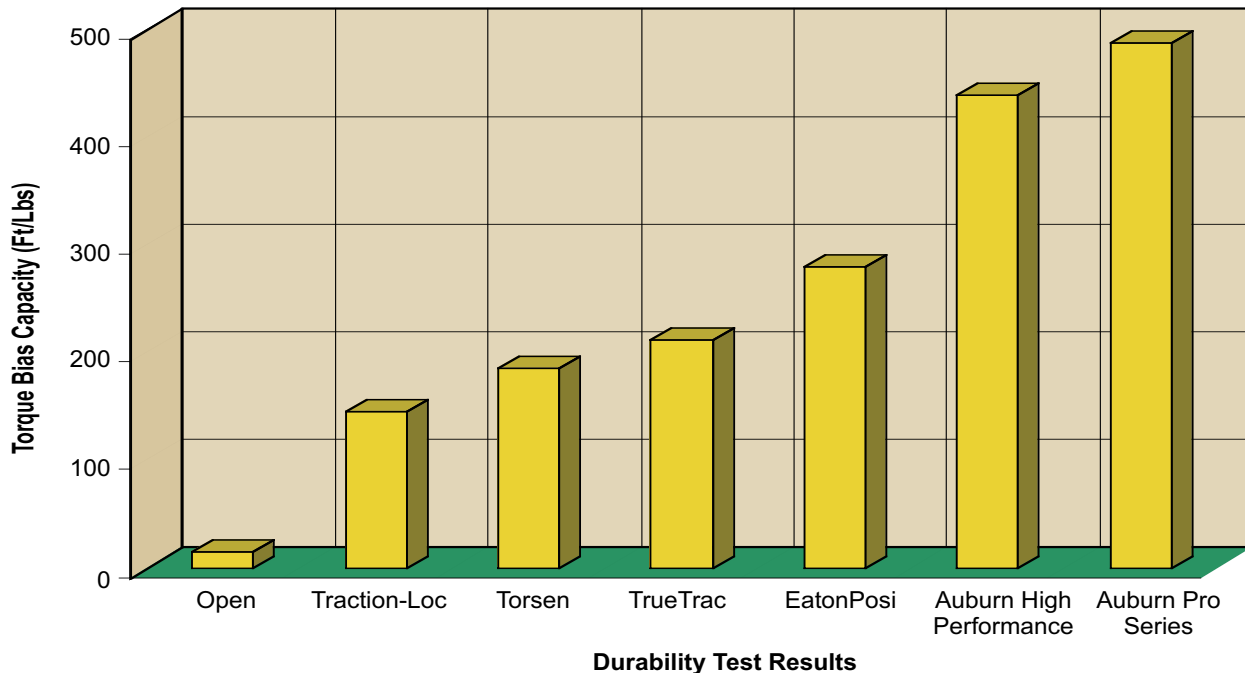


Why purchase an Auburn Gear High Performance or Pro Series Limited Slip Differential ???

Simply...performance — our units offer you more torque bias performance than any other limited slip differential available in the industry. Torque bias, measured in lbs-ft, is the ability of the limited slip differential to divide the input torque unequally, allowing more torque to be delivered to the wheel with the most traction. Bias torque translates to more driving force, hence more horsepower to the ground. Torque bias is the measuring stick by which all limited slip differentials are compared. It is the apples-to-apples performance comparison!!

Let's look at some hard test data:

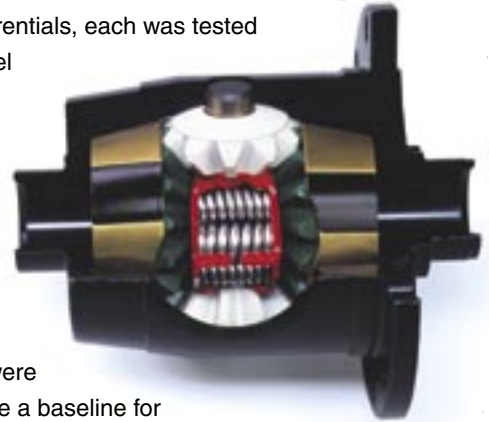
We ran competitive testing on an EatonPosi, TrueTrac by Tractech—the folks who make Detroit Locker—Torsen, and Traction-Loc by Ford. As you can see, the Auburn Pro is the clear-cut performance leader in the industry with the Auburn High Performance Series taking the close second. Everyone else falls way behind just like they will on the street, quarter-mile or off-road.



How does Auburn provide you with more performance? It is a combination, better yet an optimization, of our unique and robust cone clutch and the preload spring arrangement we provide. Limited slip differentials cannot be compared by simply looking at the amount of preload. Preload refers to the load on the clutch, not the torque required to slip the clutch. Therefore, a differential with 800 lbs. of preload may perform better than a differential with 1500 lbs. of preload, just due to the design of the clutches. Our cone clutch arrangement makes us the best—the numbers don't lie. If you want to be the best, demand the best—an Auburn Pro or High Performance Series limited slip differential.

To quantify the differences between the vast selection of limited-slip type differentials, each was tested on our axle dynamometer. The dynamometer was set up to simulate one wheel on ice and the other on dry pavement. The wheel on ice was forced to spin at 100 RPM for over 6.5 hours while the other wheel was held stationary, simulating years of normal use. At specified intervals, torque bias curves were generated by slowly increasing the torque on the spinning wheel (the low traction wheel), which causes the differential to transfer torque to the stationary wheel (the high traction wheel).

Each test was performed using a Ford 8.8 axle housing fitted to our axle dynamometer. The test parameters, differential lubricant and test equipment were the same for each differential tested. The "open" differential is shown to provide a baseline for comparing the various differentials tested.



Best Guarantees in the Industry - we back up our performance advantages by offering the best warranty in the business: a one-year warranty, plus an additional four years of **D-REX** coverage. D-REX stands for **D**ifferential-**R**eplacement **E**Xchange. We will replace your unit, no matter the reason, within the first 4 years after purchase for the price of a competitor's clutch pack. Every part you get will be brand new—the unit comes assembled, tested, certified, ready for installation. No more rebuilding and mixing old worn parts with new parts!

Quality, Controlled Right Here in the USA - One of the best reasons for buying an Auburn Gear Performance Differential is Quality Control. Every unit is hand inspected and assembled right here in the good ol' US of A by our own highly-motivated inspector / assemblers. We don't rely on our suppliers' word (even though it's usually pretty accurate!); we insist on inspecting each and every casting, forging and component before they are assembled into a super-reliable **Auburn Gear Performance Differential**.

What's best for me - High Performance or Pro Series? You can't lose with either one, but for that extra performance edge, the Pro Series provides the higher bias performance design to put you over the top and into the winner's circle.

What kind of oil and additive should be used with an Auburn Performance Differential? It is important when installing an Auburn High Performance, Pro Series or **ECTED® LOCKER** that a high quality non-synthetic 80W90 GL-5 gear oil be used. Treat the oil with Auburn Gear, GM or Ford friction additive. Three ounces of additive treats one quart of oil.

Friction additive part numbers:

Auburn Gear: 504102

GM: 1052358

Ford: C8A219B546A

Every effort has been made to ensure accuracy of the contents of this catalog. However, we assume no responsibility for errors or omissions.



Auburn-Locker

ECTED®

What is ECTED®?

ECTED stands for **E**lectronically **C**ontrolled **T**raction **E**nhancing **D**ifferential (pronounced “ek-ted”).

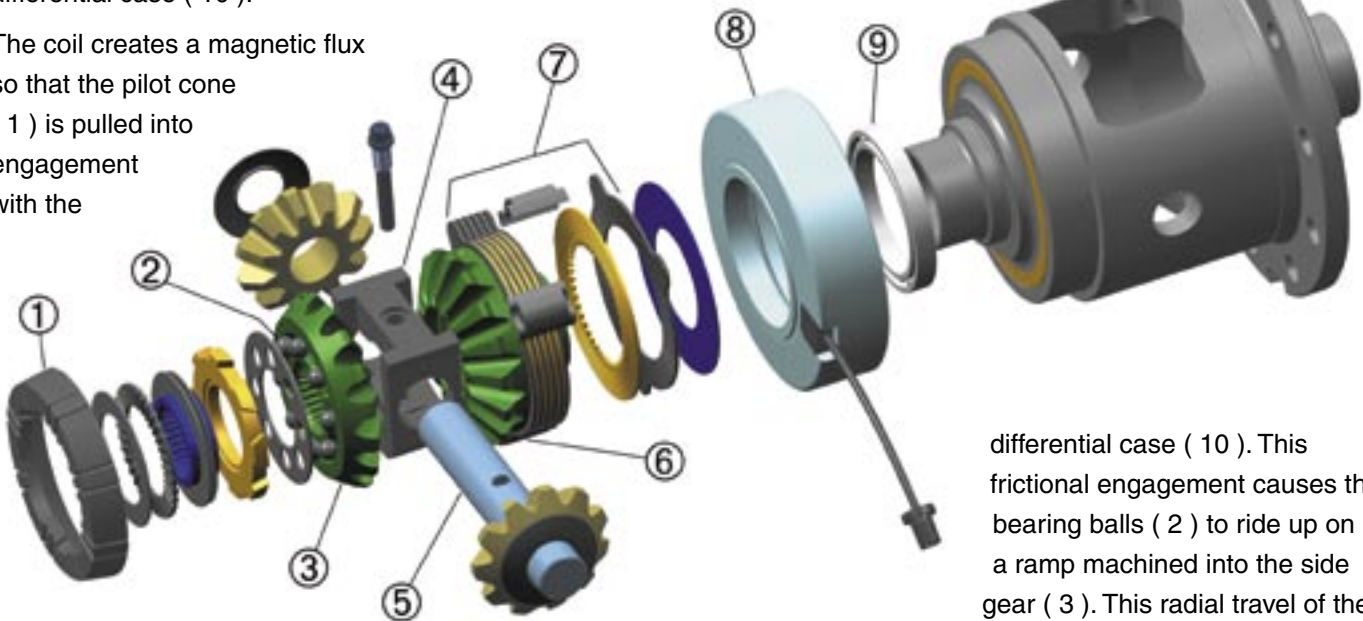
It is a revolutionary product with respect to traction technology. **ECTED** provides the user with a selectable limited slip or locker mode. When selected “off” – the **ECTED** functions as a performance limited slip differential for on and off-road excitement. When selected “on” the **ECTED** becomes a locker or spool which is ideal for the quarter-mile or the nastiest off road terrain.

How does ECTED work?

The **ECTED** is a selectable traction device; an on/off switch is mounted near the driver. When “off” – the clutch pack (7), which is located behind the side gear (6) provides the limited slip mode. As torque increases, the separating forces within the differential gears increase, causing the clutch pack to be compressed and thereby providing bias torque to the high traction wheel – your performance limited slip differential action.

When selected “on”, current is sent to the electromagnetic coil (8). The coil is retained by a clip that fits over one of the bearing cap bolts, making it non-rotational. The coil rides on a ball bearing (9). The ball bearings spin with the differential case (10).

The coil creates a magnetic flux so that the pilot cone (1) is pulled into engagement with the



differential case (10). This frictional engagement causes the bearing balls (2) to ride up on a ramp machined into the side gear (3). This radial travel of the

balls (2) also causes lateral movement of the side gear (3). The lateral movement of the side gear (3) applies a force onto the center block (4). The center block (4) has an elongated hole that the center pin (5) fits through, allowing it to float. The center block (4) applies force to the opposite side gear (6), compressing the clutch pack (7) giving the user a solid axle assembly – the spool/locker performance you desire at the strip or off-road.

ECTED® Advantages

- **ECTED** gearing is made from aircraft quality, 9310 heat-treated billet steel to make it as tough as nails!
- **ECTED** can be switched on or off “on the fly,” at any road speed.
- **ECTED** does not have any shift forks or pins that must be lined up to obtain locker/spool mode.
- **ECTED** is quiet — say good-bye to noisy lockers!
- **ECTED** is backed by an industry-leading one-year warranty, just like all Auburn Gear Performance Differentials.
- **ECTED** is backed by the industry-exclusive **D-REX** program. D-REX = **D**ifferential – **R**eplacement **E**Xchange Program.
- **ECTED** can be used in front axle applications – with or without lockout hubs.

***IMPORTANT Note:** The **ECTED** is not recommended for use in front axles that feature an “Inter-Axle Disconnect”.

- In the product configurations offered, **ECTED** is the only selectable locker that offers both limited slip and locker modes. Forget the rest — go with the best!

	open Diff	Limited Slip Diff	Locker/Spool
Auburn Gear ECTED		X	X
ARB Air Locker	X		X
Eaton Elocker	X		X

ECTED Service kits: See complete details for service kits on page 19.



ECTED has been designed with the street/strip user and avid off-roader in mind!

Like the green lights at the bottom of a Christmas tree or a green traffic signal, our **ECTED** green light means it's time to *Hook Up* and go fast!

OR if you prefer.....

Green mountains, green forests or green pastures—**NO MATTER**—our **ECTED**

green light means you're ready for some serious off-roading, because green illumination means **ECTED** is locked in (spool/locker mode)! See pages 4 and 5 for more details.



Important NOTE:

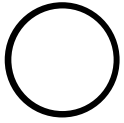
Bearings not included unless specifically stated.

Applications listed (make & year) are for reference only - always verify axle/ring gear size, ratio to be used and number of axle splines prior to purchase and installation.

TIRE CHART

LISTED ARE THE MAXIMUM TIRES SIZES FOR THE AUBURN GEAR TRACTION DIFFERENTIAL APPLICATIONS											
TIRE SIZE CHART	MAXIMUM TIRE SIZE										
Application	30"	31"	32"	33"	34"	35"	36"	37"	38"	39"	40"
AMC 20 12 bolt	█										
Chrysler 8 1/4 & 8 3/8 10 bolt	█										
Chrysler 8 3/4 10 bolt	█										
Chrysler 9 1/4 12 bolt	█										
Dana 30	█										
Dana 35	█										
Dana 44	█										
Dana 50 front axle	█										
Dana 60	█										
Ford 7 1/2 10 bolt	█										
Ford 8" 10 bolt	█										
Ford 8.8 10 bolt	█										
Ford 9" 10 bolt	█										
Ford 9 3/4 12 bolt	█										
Ford 10 1/4 & 10 1/2 12 bolt	█										
GM 7 1/2 & 7 5/8 10 bolt	█										
Chevy 8.2 10 bolt	█										
B.O.P. 8.2 10 bolt	█										
GM 8.2 / 8.4 1955-64 10 bolt	█										
Corvette 1963-79 10 bolt	█										
GM 8.5 & 8.6 10 bolt	█										
GM 8 7/8 12 bolt Car	█										
GM 8 7/8 12 bolt Truck	█										
GM 9 1/2 14 bolt	█										
Toyota 8 7/8 12 bolt	█										

AMC 20, 12 Bolt



AMC 20
10 1/32" x 10 25/64"
12 Holes, Round

AuburnGear Part Number

542081, Pro Series

Applications: All AMC 20 Axles

Ratios: 3.07:1 & Up

Side Gear Spline: 29 Teeth **Model Years:** 1966-1986

Bearing Cone: LM603049 **Bearing Cup:** LM603012

Special Note: Some AMC 20 applications require the use of an axle spacer, which is included with the unit.

Make	Year
Ambassador	68-74
AMX	68-79
Concord	78-79
Gremlin	70-78
Hornet	72-78
Javelin	68-74
Jeep C101	67-72
Jeep CJ5&CJ7	67-86
Jeep Wagoneer	67-86
Jeep J-10	66-86
Matador	72-78
Pacer V8	78-79
Rambler	69-72
Scrambler	76-78
Spirit V8	79



ECTED

AuburnGear Part Number

545006 - Fits H1 Hummer

Applications: All AMC 20 axles

Ratios: 2.73:1 & Down

Side Gear Spline: 29 Teeth

Model Years: 1966-Present

Bearing Cone: LM60304

Bearing Cup: LM603012



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AuburnGear Part Number

545007

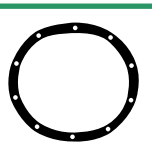
Applications: All AMC 20 axles **Ratios:** 3.07:1 & Up

Side Gear Spline: 29 Teeth **Model Years:** 1966-1986

Bearing Cone: LM603049 **Bearing Cup:** LM603012

***IMPORTANT Note:** Be certain that the axle shaft extends beyond the side gear face. Some aftermarket one-piece axle shafts are shorter than the stock shaft. Using an axle shaft that is too short will promote failure to the axle shaft spline.

Chrysler 8 1/4" & 8 3/8", 10 Bolt



Chrysler 8.25" & 8.375"
11 3/8"
10 Holes, Oval

AuburnGear Part Number

542072, High Performance Series

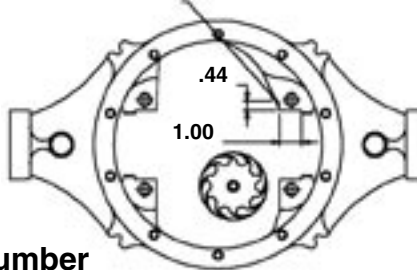
Applications: All Chrysler products with 8 1/4" & 8 3/8" ring gear. Accepts tone ring for ABS applications

Ratios: 2.71:1 & Up

Side Gear Spline: 27 Teeth **Model Years:** 1966-1996

Bearing Cone: LM603049 **Bearing Cup:** LM603012

Grind Here



Chrysler 8 1/4" applications require modification to the axle housing as shown to provide clearance for the differential case. Clean housing after grinding.

Make	Year
Passenger Cars, Various	73-97
B100,150, 200,250	69-Present
B,D,W-100	66-97
B,D,W-200	69-97
B,D,W-300	66-97
Aspen/Volare	76-80
Barracuda/Challenger	70-74
Charger/Coronet	73-76
Chrysler 300	72-79
Cordoba	75-83
Dakota	87-Present
Dart	72-76
Diplomat/LeBaron	77-83
Fifth Avenue/New Yorker	72-88
Imperial	81-83
Fury	70-81
Mirada/Magnum	78-83
Newport	72-73
Polara/Satellite	70-74
St. Regis	79-81
W100, 150	86-Present
Jeep Liberty	02-Present

AuburnGear Part Number

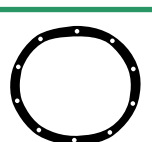
542074, High Performance Series

Applications: All Chrysler products with 8 1/4" & 8 3/8" ring gear. Accepts tone ring for ABS applications

Ratios: 2.71:1 & Up

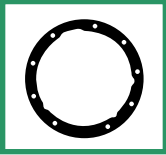
Side Gear Spline: 29 Teeth **Model Years:** 1997 - Present

Bearing Cone: LM603049 **Bearing Cup:** LM603012



Chrysler 8.25" & 8.375"
11 3/8"
10 Holes, Oval

Chrysler 8 3/4", 10 Bolt



Chrysler 8.75"
8 11/16" x 10 19/32"
10 Holes, Round

AuburnGear Part Number

542051, Pro Series

Applications: All Chrysler products with 8 3/4" ring gear

Ratios: All ratios

Side Gear Spline: 30 Teeth

Bearing Cone: LM104949

Model Years: 1957-1974

Bearing Cup: LM104912

Make	Year
Belvedere	57-70
Coronet	69-70
300	57-73
Fury	57-74
Imperial	57-74
Town & Country	57-74
Valiant	60-74
Concord	63-68
Monaco	63-74
Polara	63-74
Barracuda	64-74
B200/B250	65-74
W100/W150	65-74
Charger (Daytona)	66-74
Dart/Swinger	66-72
Road Runner/Satellite	67-74
Super Bee	68-70
Newport/New Yorker	69-74
Challenger/Duster	70-74



Mini-Spool Part Number 544808

Axle Spline: 30 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!!

No other modifications required.



Spool Part Number 544822

Ratios: 2.76:1 & up

Axle Spline: 35 Teeth (30° pressure angle)

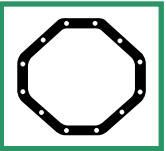
Bearing Cone: LM104949

Weight: 9.8 lbs.

Bearing Cup: LM104912

Made from 4140 steel forging, heat-treated and precision machined

Chrysler 9 1/4", 12 Bolt



Chrysler 9.25"
12 3/8" x 11 1/2"
12 Holes, Irregular

AuburnGear Part Number

542071, High Performance Series

Applications: All Chrysler products with 9 1/4" ring gear

Ratios: 2.71:1 & Up

Side Gear Spline: 31 Teeth

Bearing Cup: JLM704649

Model Years: 1968-1983

Bearing Cone: JLM704610

Make	Year
Polara	70-74
Fifth Avenue/Fury	73-81
Newport/New Yorker	73-81
Imperial	74-75
Charger	74-76
Cordoba	75-79
Monaco	75-85
B350	84-Present
D200	66-Present
D300/D350	74-Present
Dakota W/v8	98-Present
Durango	97-Present
Ramcharger/Trailduster	74-Present
W100/W150/W200/W250	66-Present



AuburnGear Part Number

542070, High Performance Series

Applications: All Chrysler products with 9 1/4" ring gear

Accepts tone ring for ABS applications

Ratios: 2.71:1 & Up

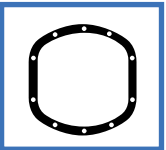
Side Gear Spline: 31 Teeth

Bearing Cup: JLM704649

Model Years: 1984-Present

Bearing Cone: JLM704610

Dana 30



Dana 30
9 1/8" x 8 3/4"
10 Holes

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AuburnGear Part Number

545016, 3.55:1 & Down

545017, 3.73:1 & Up

Applications: Dana 30 models without "C" clips

Side Gear Spline: 27 Teeth

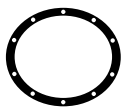
Model Years: 1967-2001

Bearing Cone: LM501349

Bearing Cup: LM501314

Make	Year	Make	Year
Jeep C-101 Jeepster	67-72	Ford Aerostar (R)	85-89
Jeep Cherokee/Wagoneer Full Size	71-73	Ford Bronco (F)	67-71
Jeep CJ	71-86	International Scout (F)	67-78
Jeep YJ	87-96	Courier* (F)	79-80
Jeep TJ	86- Present	Mazda* (F)	79-80
Jeep XJ Cherokee	84-01	Toyota* (F)	79-80
Jeep MJ Comanche	84-91 1/2	Nissan* (F)	79-80
Jeep ZJ/WJ Grand Cherokee	93- Present	*(Above vehicles that are equipped with conversion front ends.)	

Dana 35



Dana 35
9 1/4" x 10 3/8"
10 Holes

ECTED

AuburnGear Part Number

545012, 3.31:1 & Down
545013, 3.55:1 & Up

Applications: Dana 35 models
Side Gear Spline: 27 Teeth
Model Years: 1987-Present
***Bearing Cone:** LM102949
***Bearing Cup:** LM102911

ECTED

AuburnGear Part Number

545014, 3.31:1 & Down
545015, 3.55:1 & Up

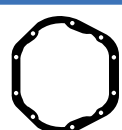
Applications: Dana 35 models
Side Gear Spline: 30 Teeth
Model Years: 1987-Present
***Bearing Cone:** LM102949
***Bearing Cup:** LM102911
***30 Teeth requires Aftermarket Axle Shafts.**

Make	Year
Jeep YJ	87-96
Jeep TJ	97- Present
Jeep XJ Cherokee	84-01
Jeep MJ Comanche	84-91 1/2
Jeep ZJ/WJ Grand Cherokee	93- Present
Ford Explorer/Mountaineer 4.0L* (F)	90-95 1/2
Ford Ranger 4.0L* (F)	90-97
Mazda B4000* (F)	90-97

*(Above units will work by adding coil spring in right side axle slip yoke assembly.)

***IMPORTANT Note:** These are not stock bearings. Bearings are available from Auburn Gear. Bearing kit part number 541070.

Dana 44



Dana 44
9 3/8" x 10 1/4"
10 Holes

AuburnGear Part Number

5420111, High Performance Series, 3.92:1 & Up
542084, Pro Series, 3.92:1 & Up

5420112, High Performance Series, 3.73:1 & Down
542085, Pro Series, 3.73:1 & Down

Applications: All Dana 44 models without "C" clips
Side Gear Spline: 19 Teeth **Model Years:** 1970 & Prior
Bearing Cone: 25590 **Bearing Cup:** 25523
Special Note: Some Dana 44 applications (19 tooth axle splines) require the use of an axle spacer, which is included with the unit.

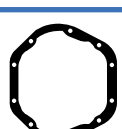
AuburnGear Part Number

5420109, High Performance Series, 3.92:1 & Up
542082, Pro Series, 3.92:1 & Up

5420110, High Performance Series, 3.73:1 & Down
542083, Pro Series, 3.73:1 & Down

Applications: All Dana 44 models without "C" clips
Side Gear Spline: 30 Teeth **Model Years:** 1971-Present
Bearing Cone: 25590 **Bearing Cup:** 25523

Make	Year
Chevrolet K10, 25 Front	60-80
Chevrolet K30, 35 Front	67-76
Chevrolet C10, 5 Rear	60-70
Blazer Front	75-79
Chrysler W100, 150	
200, 300 & 350 Front	69-Present
Ford Bronco Front	71-97
U100 Front	71-78
Ford F100 F150 4x4 Rear	67-78
Ford F100 Front	67-97
Ford F250 Front	67-97
Ford F150 Front	75-97
Cobra	63-67
Thunderbird	55-56
IHC Scout Front	67-80
IHC Scout Rear	67-80
IHC 100, 150, 200, 1100	
1110, 1200, 1210 Front & Rear	65-75
Jeep C101 Rear	67-72
Jeep Wagoneer Front	67-83
Jeep J10, 20 Front	74-86
Jeep CJ5 Front & Rear	67-75
Jeep CJ7 Front & Rear	67-75
Jeep CJ7 Rear	85-86
Jeep Comanche Rear	86-92
Jeep Cherokee Rear	76-92
Jeep Grand Wagoneer Front	84-92
Jeep Wagoneer Front & Rear	67-83
Jeep "TJ"	2001



Dana 44
9 3/8" x 10 1/4"
10 Holes

ECTED

AuburnGear Part Number

545018, 3.73:1 & Down
545019, 3.92:1 & Up

Applications: All Dana 44 models without "C" clips
Side Gear Spline: 30 Teeth (only) **Model Years:** 1971 - Present
Bearing Cone: 25590 **Bearing Cup:** 25523

***IMPORTANT Note:** Model 44 Setup Bearing Kit Available, part number 541075

Dana 50

Part Number

545020, All Ratios

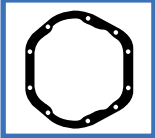
Applications: Ford F-250, F-350 and Excursion Front Axles

Side Gear Spline: 30Teeth

Bearing Cone: JLM104948 **Bearing Cup:** LM104911A

Make	Year
F250/F350 Excursion	81-04 2000-05

Dana 60



Dana 60
12 1/8", 10 Holes

544821, Spool Part Number

Ratios: 4.56:1 & up

Axle Spline: 35 Teeth (30° pressure angle)

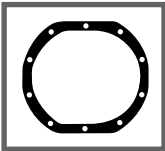
Bearing Cone: 387A **Bearing Cup:** 382S

Weight: 12.4 lbs.

Made from 4140 steel forging, heat-treated and precision machined

Make	Year
Dodge & Plymouth Cars with Hemi Engines	66-73

Ford 7 1/2", 10 Bolt



Ford 7.5"
10 3/4" x 9 9/16"
10 Holes, Oval

Part Number

542023, High Performance Series

542048, Pro Series

Applications: All Ford products with 7 1/2" ring gear

Accepts tone ring for ABS applications

Ratios: All ratios

Side Gear Spline: 28 Teeth **Model Years:** 1978-Present

Bearing Cone: LM501349 **Bearing Cup:** LM501314

Special Note: Ford 7.5" applications require special "C" washers, which are supplied with the differential. Includes milled pinion shaft to accept 3.73-4.56 ratios.

Make	Year
Aerostar	86-96
Bronco II	83-90
Ranger without 4.0L	83-99
Ford Full Size	79-86
Fairmont	78-83
Granada	79-94
Mustang 4 & 6 Cylinder	79-Present
Thunderbird	80-94
Mercury Full Size	79-85
Bobcat	75-80
Capri except 86 with V8	79-86
Cougar	80-87
Zephyr	79-83



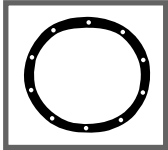
Important NOTE:

Bearings not included unless specifically stated.

Applications listed (make & year) are for reference only - always verify axle/ring gear size, ratio to be used and number of axle splines prior to purchase and installation.



Ford 8", 10 Bolt



Ford 8"
11"
10 Holes, Oval

AuburnGear Part Number

542059, Pro Series
with 28 tooth axle splines
5420115, Pro Series
with 31 tooth axle splines

Applications: All Ford products with 7 3/4" & 8" ring gear Use Ford M-4216-B ring gear bolts for an open type differential, limited slip type bolts are too long.

Ratios: All ratios

Side Gear Spline: 28 Teeth

Bearing Cone: LM102949

Make	Year
Falcon	62-70
Mustang	65-79
Comet	64-72
Cougar	67-72
Fairlane	60-72

Model Years: 1960-1979

Bearing Cup: LM102910



544809, Mini-Spool

Part Number

Axle Spline: 28 Teeth

544810, Mini-Spool

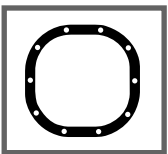
Part Number

Axle Spline: 31 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!!

No other modifications required!

Ford 8.8", 10 Bolt



Ford 8.8"
10 9/16" x 10 13/16"
10 Holes, Oval

AuburnGear Part Number

542079, High Performance Series
542080, Pro Series

Applications: All Ford products with 8.8" ring gear including IRS (Independent Rear Suspension) applications Accepts tone ring for ABS applications

Ratios: All ratios

Side Gear Spline: 28 Teeth

Bearing Cone: LM603049

Model Years: 1979-Present

Bearing Cup: LM603012

Make	Year
Aerostar with 4.0L	90-96
Bronco	81-94
Explorer	90-Present
Ranger with 4.0L	90-Present
E150 - E250	83-99
F100	81-97
F150-250	81-Present
F150 Front	97-Present
Mustang V8	85-Present
Thunderbird	87-94
Capri V8	86-97
Cougar	88-01
Mercury Full Size	82-Present
Expedition Front	97-Present

Ford 8.8", 10 Bolt



AuburnGear Part Number

542025, High Performance Series
542054, Pro Series - 9310 Gear Material
5420116, Pro Series with 33 tooth side gear splines - 9310 Gear Material

Applications: All Ford products with 8.8" ring gear including IRS (Independent Rear Suspension) applications. Accepts tone ring for ABS applications

Ratios: All ratios

Side Gear Spline: 31 Teeth

Bearing Cone: LM603049

Model Years: 1983-Present

Bearing Cup: LM603012

Ford 8.8", 10 Bolt - Continued



ECTED

AuburnGear Part Number

545001

Applications: All Ford products with 8.8" ring gear including IRS & IFS (Independent Rear & Front Suspension) applications
Accepts tone ring for ABS applications

Ratios: All ratios

Side Gear Spline: 28 Teeth

Model Years: 1978-Present

Bearing Cone: LM603049

Bearing Cup: LM603012



ECTED

AuburnGear Part Number

545002

545005 for IRS applications only

Applications: All Ford products with 8.8" ring gear
Accepts tone ring for ABS applications

Ratios: All ratios

Side Gear Spline: 31 Teeth

Model Years: 1983-Present

Bearing Cone: LM603049

Bearing Cup: LM603012



544806, Mini-Spool Part Number

Axle Spline: 28 Teeth

544807, Mini-spool Part Number

Axle Spline: 31 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!!
No other modifications required.

Auburn mini-spools are designed such that **C-CLIP ELIMINATORS ARE NOT REQUIRED!**

They are recommended, but not required.



544816, Spool Part Number

Ratios: All Ratios

Side Gear Spline: 31 Teeth (45° pressure angle)

Bearing Cone: LM603049

Bearing Cup: LM603012

Weight: 8.3 lbs.

Made from 4140 steel forging, heat-treated and precision machined



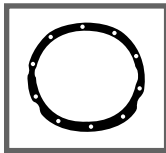
Important NOTE:

Bearings not included unless specifically stated.

Applications listed (make & year) are for reference only - always verify axle/ring gear size, ratio to be used and number of axle splines prior to purchase and installation.

AuburnGear
PERFORMANCE DIFFERENTIALS

Ford 9", 10 Bolt



Ford 9"
11 3/4"
10 Holes, Oval

AuburnGear Part Number

542043, Pro Series for 28 tooth axle splines
542036, Pro Series for 31 tooth axle splines



Applications: All Ford products with 8 3/4" & 9" ring gear
Use Ford M-4216-A210 ring gear bolts for an open type differential, limited slip type bolts are too long.

Ratios: All ratios **Model Years:** 1957-1987
Bearing Cone: LM102949 **Bearing Cup:** LM102910 *OR*
Bearing Cone: LM603049 **Bearing Cup:** LM603011

Make	Year
Bronco	67-86
E200	68-74
E100/150	86-87
Mercury	57-73
Ford	57-80
Thunderbird	57-73
All Light Trucks	57-87
Fairlane	62-73
Comet	65-67
Cougar	65-79
Mustang	65-73
Montego	68-76
Ltd II	71-79
Torino	71-79
Granada	75-80
Monarch	75-80
Versailles	77-80



544809, Mini-Spool Part Number

Axle Spline: 28 Teeth

544810, Mini-Spool Part Number

Axle Spline: 31 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!!
No other modifications required!



544813, Spool Part Number

Axle Splines: 31 Teeth (45 degree pressure angle) **Weight:** 7.7 lbs.

544814, Spool Part Number

Axle Splines: 33 Teeth (45 degree pressure angle) **Weight:** 7.3 lbs.

All Ratios use: 2.891" Case **Bearing Cone:** LM102949 **Bearing Cup:** LM102910

All Ratios use: 3.062" Case **Bearing Cone:** LM603049 **Bearing Cup:** LM603011

544815, Spool Part Number

Axle Splines: 35 Teeth (30 degree pressure angle) **Weight:** 8.1 lb

All Ratios use:

3.250" Case Aftermarket Housing **Bearing Cone:** LM104949 **Bearing Cup:** LM104911

All spools are made from 4140 steel forging, heat-treated and precision machined.

Ford 9 3/4", 12 Bolt



AuburnGear Part Number

542090, High Performance Series

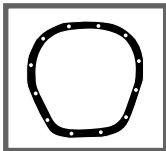
Applications: All Ford products with 9 3/4" ring gear
Accepts tone ring for ABS applications. Fits IRS applications.

Ratios: All ratios **Model Years:** 1997-Present
Side Gear Spline: 34 Teeth **Bearing Cup:** NP372019
Bearing Cone: NP343847

Make	Year
Navigator	97-Present
Expedition	97-Present
E150	97-Present
E250	97-Present
E350	97-Present
F150	97-Present
Lightning	99-Present

Every effort has been made to ensure accuracy of the contents of this catalog. However, we assume no responsibility for errors or omissions.

Ford 10 1/4" & 10 1/2", 12 Bolt



Ford 10.25"
12 1/8" x 13 5/16"
12 Holes, Irregular

Part Number

542089, High Performance Series

Applications: All Ford products with 10 1/4" & 10 1/2" ring gear
Accepts tone ring for ABS applications

Ratios: All ratios

Side Gear Spline: 35 Teeth

Bearing Cone: 469

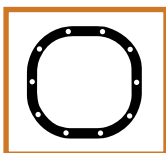
Model Years: 1983-Present

Bearing Cup: 453X

Make	Year
F250	83-Present
F350	83-Present
F450	83-Present

Autocross Road Race Units

Auburn Gear, Inc. has developed a performance limited slip differential specifically for road racing— a differential case designed to allow the center pin to float along with the axle shafts. This design feature aids the driver when cornering, so that when the driver is turning, the outside wheel axle shaft will apply a force to the center pin hence, the pinion gears will firmly seat the inside cone/side gear assembly giving the racer an extremely "tight" rear axle. The greater the G-force the more bite you get!!!! If you are an avid road racer you'll want this unit. It'll allow you to pass your competition. *Hook Up* with an Auburn **Road Race Performance Differential** — you won't be disappointed!!!!



Ford 8.8"
10 9/16" x 10 13/16"
10 Holes, Oval

Part Number

542039, Autocross Road Race Series

Applications: All Ford products with 8.8" ring gear
Accepts tone ring for ABS applications

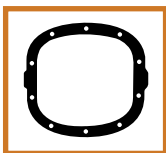
Ratios: All ratios

Side Gear Spline: 28 Teeth

Bearing Cone: LM603049

Model Years: 1979-Present

Bearing Cup: LM603012



GM 7.5"
& 7.625"
8 5/16" x 10 9/16"
10 Holes, Oval

Part Number

542088, Autocross Road Race Series

Applications: All GM products with 7 1/2" & 7 5/8" ring gear
Accepts tone ring for ABS applications

Ratios: 3.23:1 & Up

Side Gear Spline: 28 Teeth

Bearing Cone: LM501349

Model Years: 1988-Present

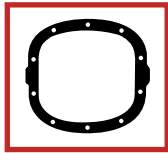
Bearing Cup: LM501314



Important NOTE:
Bearings not included unless specifically stated.
Applications listed (make & year) are for reference only - always verify axle/ring gear size, ratio to be used and number of axle splines prior to purchase and installation.

AuburnGear
PERFORMANCE DIFFERENTIALS

GM 7 1/2" & 7 5/8", 10 Bolt



**GM 7.5"
& 7.625"**
8 5/16" x 10 9/16"
10 Holes, Oval

AuburnGear Part Number

542057, High Performance Series, 3.23:1 & Up
542058, High Performance Series, 3.08:1 & Down
542044, Pro Series, 3.23:1 & Up
542045, Pro Series, 3.08:1 & Down

Applications: All GM products with 7 1/2" & 7 5/8" ring gear
Side Gear Spline: 26 Teeth **Model Years:** 1976-1988
Bearing Cone: LM501349 **Bearing Cup:** LM501314

AuburnGear Part Number

542040, High Performance Series, 3.23:1 & Up
542041, High Performance Series, 3.08:1 & Down
542046, Pro Series, 3.23:1 & Up
542047, Pro Series, 3.08:1 & Down

Applications: All GM products with 7 1/2" & 7 5/8" ring gear
 Accepts tone ring for ABS applications

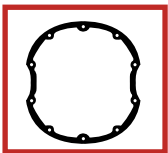
Side Gear Spline: 28 Teeth **Model Years:** 1988-Present
Bearing Cone: LM501349 **Bearing Cup:** LM501314

Special Note: GM 7 5/8" applications use (2) different tone wheels depending on the differential case series.
 3.08:1 & down gear ratios - Series 2 Case 3.23:1 & up gear ratios - Series 3 Case

Make	Year
Omega	75-79
Skylark	76-79
Buick/Olds/Pontiac Full Size	77-88
Chevrolet Full Size	77-88
Century/Phoenix/Ventura	78-81
Cutlass/Grand Prix	78-87
Monte Carlo/Regal	78-87
Camaro/Firebird	82-88
S10/S15	82-88
Astro/Safari	85-88
El Camino	77-87

Make	Year
Buick/Olds/Pontiac Full Size	88-90
Chevrolet Full Size	88-96
Camaro/Firebird	88-02
S10/S15	88-Present
Astro/Safari	88-Present
Isuzu Rodeo	89-93
Olds Bravada	91-02

Chevy 8.2", 10 Bolt



GM 8.2
11 1/2", 10 Holes

AuburnGear Part Number

5420108, High Performance Series
542061, Pro Series

Applications: Chevrolet with 8.2" ring gear. "C" lock axle.
 25 tooth pinion spline.

Ratios: 3.08:1 & Up
Side Gear Spline: 28 Teeth **Model Years:** 1964-1972
Bearing Cone: LM501349 **Bearing Cup:** LM501314

Make	Year
Chevrolet	65-70
Chevelle	64-72
Camaro	67-70
Chevy II	64-70
Nova	70-72

544804, Mini-Spool Part Number

Axle Spline: 28 Teeth

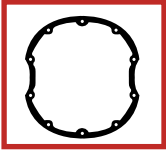
Fits OEM open type (non-limited slip) differentials ONLY!!
 No other modifications required.

Auburn mini-spools are designed such that **C-CLIP ELIMINATORS ARE NOT REQUIRED!**

They are recommended, but not required.



Buick - Olds - Pontiac 8.2", 10 Bolt



GM 8.2

(Buick, Olds, Pontiac.)
11 1/2", 10 Holes

AuburnGear Part Number

5420113, High Performance Series, 3.36:1 & Up
5420114, High Performance Series, 2.93:1 to 3.23:1
542060, Pro Series, 3.36:1 & Up
542099, Pro Series, 2.93:1 to 3.23:1

Applications: Buick, Olds, Pontiac with 8.2" ring gear
 Non "C" lock axle - 27 tooth pinion spline

Side Gear Spline: 28 Teeth **Model Years:** 1964-1971

Bearing Cone: LM501349 **Bearing Cup:** LM501314

Special Note: Differential bearings provided with 542099 and 5420114.

Make	Year
Tempest/GTO	64-71
Firebird	67-71
Olds F85	64-70

Note: Will not fit "O" Axle with 12-bolt cover and 10-bolt ring gear.



544805, Mini-Spool Part Number

Axle Spline: 28 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!!

No other modifications required.

Auburn mini-spools are designed such that **C-CLIP ELIMINATORS ARE NOT REQUIRED!**

They are recommended, but not required.

Special Note: This application may require a spacer between the (2) drive blocks to hold them apart depending upon axle shaft length.

GM 8.2"/8.4", 10 Bolt 1955-1964 Chevy



AuburnGear Part Number

5420100, Pro Series

Ratios: 3.70:1 & Down - 3 Series Case

Side Gear Spline: 17 Teeth **Model Years:** 1955-1964

Bearing Cone: LM603049 **Bearing Cup:** LM603014

Make	Year
Bel Air	55-64
Impala	55-64
Biscayne	55-64
Corvette	55-62
Series 150/210	55-64
El Camino	55-64
Chevy II	55-64

HOUSING MODIFICATION FOR NON-POSI HOUSINGS

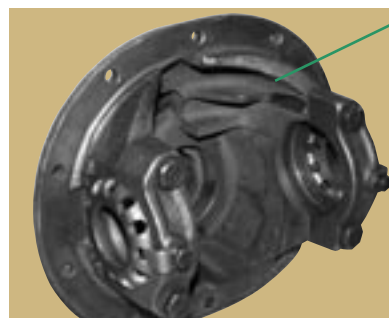
Axle housings not originally equipped with a posi-traction will require modification to provide necessary clearance for the limited slip differential.

NO MODIFICATIONS ARE REQUIRED IF USING AN ORIGINAL POSI HOUSING.

Modify the NON-POSI housing by removing a portion of the rib as shown below.



Unmodified NON-POSI Housing



Modified NON-POSI Housing

REMOVE MATERIAL

Corvette, 10 Bolt, 1963-1979



AuburnGear Part Number

542062, Pro Series, 2.41:1 to 3.70:1
542063, Pro Series, 4.10:1 & Up

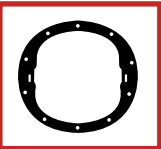
Side Gear Spline: 17 Teeth
Bearing Cone: LM603049

Model Years: 1963-1979
Bearing Cup: LM603012



Dan Anthony, Auburn Gear employee - his 1976 Corvette really *hooks up* with the addition of an Auburn Gear Pro Series Corvette Limited Slip Diff.

GM 8.5" & 8.6", 10 Bolt



GM 8.5" Front
 11"
 10 Holes, Irregular

AuburnGear Part Number

542018, High Performance Series
542050, Pro Series - Large bearing hub - unit includes differential bearings

Applications: All GM products with 8.5" & 8.6" ring gear

Ratios: 2.73:1 & Up

Side Gear Spline: 28 Teeth

Model Years: 1971-1988

542018, Bearing Cone: LM501349

Bearing Cup: LM501314

542050, Bearing Cone: LM102949

Bearing Cup: LM102911

Special Note: Bearings provided with **542050, Pro Series Unit**



AuburnGear Part Number

542022, High Performance Series
542052, Pro Series - Large bearing hub - unit includes differential bearings

Applications: All GM products with 8.5" & 8.6" ring gear

Ratios: 2.73:1 & Up

Side Gear Spline: 30 Teeth

Model Years: 1989-1998

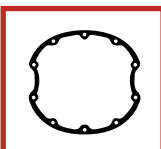
542022, Bearing Cone: LM501349

Bearing Cup: LM501314

542052, Bearing Cone: LM102949

Bearing Cup: LM102911

Special Note: Bearings provided with **542052, Pro Series Unit**



GM 8.6" Rear
 10 5/8"
 10 Holes, Irregular

AuburnGear Part Number

542097, High Performance Series
- 1999 to Present
542052, Pro Series

Applications: All GM products with 8.5" & 8.6" ring gear.

Ratios: 2.73:1 & Up

Side Gear Spline: 30 Teeth

Model Years: 1999 - Present

542097, Bearing Cone: LM603049

Bearing Cup: LM603012

542052, Bearing Cone: LM603049

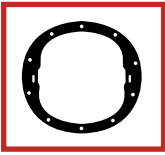
Bearing Cup: LM603012

Special Note: Bearings provided in 542052, however if vehicle is 99 model year or newer, bearings will not be used. Use bearings specified above.

Make	Year
Apollo/Regal/Century	73-77
Biscayne/Roadmaster	71-74
Buick full size	77-present
Camaro	70-81
Chevelle	70-76
Chevy full size	77-96
Chevy II/Nova	70-79
Cutlass/Grand Prix/LeMans/GTO/Ventura/Phoenix	71-77
El Camino/ Monte Carlo	71-77
Electra	73-78
Grand National	84-87
Grand Sport	73-84
GTO/Firebird/Trans Am	70-81
Hurst Olds	85-88
Impala/Roadmaster	91-96
LeSabre	73-74
Olds F-85	70-76
Olds/Pontiac full size	71-89
Omega	73-75
	77-79
Skylark/GS	71-75
	77-79
Z-28	72-81
Blazer front/rear	77-91
Suburban	
C10/C15/G10/G15	78-present
G20/G25	79-present
K10/K15/K20/K26 front	77-87
K10/K15 rear	82-present

NOTE: 542097 can be substituted for **542022** with a bearing change. Use LM102949, LM102911. The reverse case will not fit. **542022** cannot be substituted for the **542097**.

GM 8.5" & 8.6", 10 Bolt - Continued



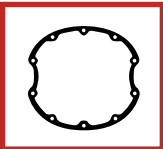
GM 8.5" Front
11"
10 Holes, Irregular

ECTED

AuburnGear Part Number

545003

Applications: All GM products with 8.5" & 8.6" ring gear
Ratios: 2.73:1 & Up
Side Gear Spline: 28 Teeth **Model Years:** 1971-1988
Bearing Cone: LM102949 **Bearing Cup:** LM102911



GM 8.6" Rear
10 5/8"
10 Holes, Irregular

AuburnGear Part Number

545004

Applications: All GM products with 8.5" & 8.6" ring gear
Ratios: 2.73:1 & Up
Side Gear Spline: 30 Teeth
1989 to 1998, Bearing Cone: LM102949
1999 to Present, Bearing Cone: LM603049

NOTE: 541070
Bearing Kit Contains:
(2) LM102949
(2) LM102911

Model Years: 1989-Present
Bearing Cup: LM102911
Bearing Cup: LM603012



Mini-Spool Part Number 544803

Axle Spline: 28 Teeth

Mini-spool Part Number 544802

Axle Spline: 30 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!! No other modifications required.
Auburn mini-spools are designed such that **C-CLIP ELIMINATORS ARE NOT REQUIRED!**
They are recommended, but not required.



Spool Part Number 544819

Axle Splines: 30 Teeth (45 degree pressure angle)
Bearings included with Spool **Weight:** 8.9 lbs.

Spool Part Number 544820

Axle Splines: 33 Teeth (45 degree pressure angle)
Bearings included with Spool **Weight:** 8.2 lbs.
Bearing Cone: LM102949 **Bearing Cup:** LM102911 **Special Note:** 2.73:1 Ratio & Up
All spools are made from 4140 steel forging, heat-treated and precision machined.



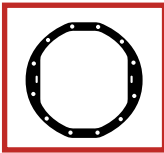
Important NOTE:

Bearings not included unless specifically stated.

Applications listed (make & year) are for reference only - always verify axle/ring gear size, ratio to be used and number of axle splines prior to purchase and installation.

AuburnGear
PERFORMANCE DIFFERENTIALS

GM 8 7/8", 12 Bolt - Car



GM 8.875" Car
10 7/8"
12 Holes, Oval

AuburnGear Part Number

5420104, High Performance Series
542031, Pro Series
5420117, Pro Series with 33 tooth side gear splines - 9310 Gear Material

Applications: Chevrolet Passenger Car with 8 7/8" ring gear "C" axle - 4 Series Case

Ratios: 4.10:1 & Up

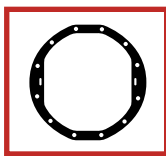
Side Gear Spline: 30 Teeth

Bearing Cone: LM603049

Model Years: 1964-1972

Bearing Cup: LM603012

Make	Year
Chevrolet	64-72
Chevy II	64-72
Chevelle	64-72
Camaro	67-72
El Camino	65-72
Firebird	67-72
Grand Prix	70-72
GTO/LeMans	65-72
Monte Carlo	70-72
Nova	70-72
Olds F85	68-70



GM 8.875" Car
10 7/8"
12 Holes, Oval

AuburnGear Part Number

5420106, High Performance Series
542033, Pro Series
5420118, Pro Series with 33 tooth side gear splines - 9310 Gear Material

Applications: Chevrolet Passenger Car with 8 7/8" ring gear, "C" axle - 3 Series Case

Ratios: 3.07:1 to 3.73:1

Side Gear Spline: 30 Teeth

Bearing Cone: LM603049

Model Years: 1964-1972

Bearing Cup: LM603012



ECTED

AuburnGear Part Number

545008

Applications: All Chevrolet passenger car with 8 7/8" ring gear, "C" axle - 3 series case

Ratios: 3.07:1 to 3.73:1

Side Gear Spline: 30 Teeth

Bearing Cone: LM603049

Model Years: 1964-1972

Bearing Cup: LM603012

AuburnGear Part Number

545010

Applications: All Chevrolet passenger car with 8 7/8" ring gear, "C" axle - 4 series case

Ratios: 4.10:1 & Up

Side Gear Spline: 30 Teeth

Bearing Cone: LM603049

Model Years: 1964-1972

Bearing Cup: LM603012



ECTED has been designed with the street/strip user and avid off-roader in mind!

Like the green lights at the bottom of a Christmas tree or a green traffic signal, our **ECTED** green light means it's time to *Hook Up* and go fast!

OR if you prefer.....

Green mountains, green forests or green pastures—**NO MATTER**—our **ECTED**

green light means you're ready for some serious off-roading, because green illumination means **ECTED** is locked in (spool/locker mode)! See pages 4 and 5 for more details.

GM 8 7/8", 12 Bolt - Car- Continued



Mini-Spool Part Number 544801

Axle Spline: 30 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!! No other modifications required. Auburn mini-spools are designed such that **C-CLIP ELIMINATORS ARE NOT REQUIRED!** They are recommended, but not required.



Spool Part Number 544817

Axle Splines: 30 Teeth (45 degree pressure angle)

Weight: 9.4 lbs.

Spool Part Number 544818

Axle Splines: 33 Teeth (45 degree pressure angle)

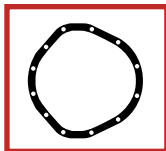
Weight: 8.8 lbs.

Bearing Cone: LM603049 **Bearing Cup:** LM603012

Special Note: 4 Series Carrier - 4.10:1 Ratio & Up

All spools are made from 4140 steel forging, heat-treated and precision machined.

GM 8 7/8", 12 Bolt - Truck



Part Number

5420105, High Performance Series

542032, Pro Series

GM 8.875" Truck

11 1/2"
12 Holes, Irregular

Applications: Chevrolet Truck with 8 7/8" ring gear - 4 Series Case

Ratios: 3.73:1 & Up

Side Gear Spline: 30 Teeth

Model Years: 1964-1982 1/2

Bearing Cone: LM603049

Bearing Cup: LM603012

Make	Year
1/2 ton Truck	64-82
3/4 ton Truck	64-82
G20, G25	69-81
G10, G15	69-81
K10, K15	64-82
C10, C15	64-82



Part Number

5420107, High Performance Series

542034, Pro Series

Applications: Chevrolet Truck with 8 7/8" ring gear
- 3 Series Case

Ratios: 2.76:1 to 3.42:1

Side Gear Spline: 30 Teeth

Model Years: 1964 - 1982 1/2

Bearing Cone: LM603049

Bearing Cup: LM603012



Important NOTE:

Bearings not included unless specifically stated.

Applications listed (make & year) are for reference only - always verify axle/ring gear size, ratio to be used and number of axle splines prior to purchase and installation.



GM 8 7/8", 12 Bolt - Truck- Continued



ECTED

AuburnGear Part Number

545009

Applications: All Chevrolet truck with 8 7/8" ring gear - 3 series case

Ratios: 2.76:1 to 3.42:1

Side Gear Spline: 30 Teeth **Model Years:** 1964-1982^{1/2}

Bearing Cone: LM603049 **Bearing Cup:** LM603012

545011

Applications: All Chevrolet truck with 8 7/8" ring gear - 4 series case

Ratios: 3.73:1 & Up

Side Gear Spline: 30 Teeth

Model Years: 1964-1982^{1/2}

Bearing Cone: LM603049

Bearing Cup: LM603012



544801, Mini-Spool Part Number

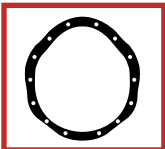
Axle Spline: 30 Teeth

Fits OEM open type (non-limited slip) differentials ONLY!! No other modifications required.

Auburn mini-spools are designed such that **C-CLIP ELIMINATORS ARE NOT REQUIRED!**

They are recommended, but not required.

GM 9 1/2", 14 Bolt



GM 9.5" Rear
12 1/8" x 13 5/16"
14 Holes, Irregular

AuburnGear Part Number

542087, High Performance Series

Applications: All GM Products with 9 1/2" ring gear

Ratios: All

Side Gear Spline: 33 Teeth

Bearing Cone: Set 42

Model Years: 1981 - Present

Bearing Cup: Set 42

Make	Year
C10, C15, C20	88-present
C30, C35	83-present
G20, G25	88-present
G10, G15	81-present
K10, K15	89-present
C10, C15	81-present

Toyota 8 7/8" 12 Bolt



AuburnGear Part Number

542030, Pro Series

Applications: Land Cruiser

Side Gear Spline: 30 Teeth

Bearing Cone: LM603049

Special Note: 1967 & prior must update to 30 tooth axle shafts

Ratios: All Ratios

Model Years: 1968-1989

Bearing Cup: LM603012

Every effort has been made to ensure accuracy of the contents of this catalog. However, we assume no responsibility for errors or omissions.

AuburnGear
PERFORMANCE DIFFERENTIALS

Differential Service Kits

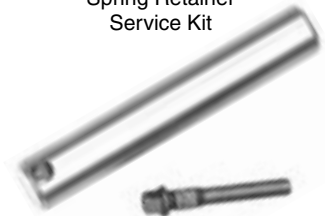
Application	AG Diff. Part Number	Spring Retainer Service Kit	Pinion Gear Service Kit	Pinion Shaft Service Kit
GM 7.5 & 7 5/8	542040, 41, 57, 58 542044, 45, 46, 47	541016 541017	541011 541011	541005 541005
GM 8.5 & 8.6	542018, 22, 29, 97 542050, 52	541018 541019	541012 541012	541007 541007
GM 8.2	542060, 61, 108, 113	541035	541036	541037
1963 -79 Corvette	542062, 63	541035	541036	541037
GM 8 7/8 12 Bolt, Car & Truck	542031, 32, 33, 34 5420104, 105, 106, 107	541022	541014	541009
GM 9.5	542087	541043	541044	541042
Ford 7.5	542023 542048	541016 541017	541011 541011	541006 541006
Ford 8.8, 28 Tooth	542024, 79 542053, 80	541018 541019	541012 541012	541007 541007
Ford 8.8, 31 Tooth	542025 542054	541020 541021	541013 541013	541008 541008
Ford 8" & 9"	542036, 43, 59	541023	541015	541010
Ford 9.75	542090	541043	541044	541042
Ford 10 1/4	542089	541045	541046	541047
Chrysler 9 1/4	542070, 71	541038	541039	541040
Chrysler 8 1/4	542072, 74	541041	541012	541007
Chrysler 8 3/4	542051	541022	541014	541024
AMC Model 20	542081	541019	541012	541007
Toyota Landcruiser	542030	541022	541014	541009
Dana Model 44	542082, 83, 84, 85 109,110,111,112	541019	541012	541007
Buick/Olds/Pontiac 8.2	542099, 114	541035	541036	541048
Chevy 8.4	5420100	541041	541012	541049



Pinion Gear Service Kit



Spring Retainer Service Kit



Pinion Shaft Service Kit

NOTE:
Also Available
Additive 504102
Single = (1) 6 oz. Bottle
Case = (25) 6 oz. Bottles

ECTED Service Kits

ECTED Application	ECTED Part Number	Wire Harness & Switch Kit	(8) Coil Assembly	(9) Coil Bearing	(7) Clutch Kit	(5) Pinion Shaft Kit	(1 thru 7) Master Kit	Axle Shaft Spacer	Differential Bearing Kit
Ford 8.8 with 28 Spline Axles	545001	541051	541052	541053	541054	541055	541057	N/A	N/A
Ford 8.8 with 31 Spline Axles (C-clip only)	545002	541051	541052	541053	541054	541056	541059	N/A	N/A
GM 8.5 with 28 Spline Axles	545003	541051	541052	541053	541054	541055	541057	N/A	541070
GM 8.5 with 30 Spline Axles	545004	541051	541052	541053	541054	541055	541058	N/A	(thru 1998) 541070
Ford 8.8 with 31 Spline Axles (IRS only)	545005	541051	541052	541053	541054	541056	541060	N/A	N/A
AMC 20	545006 & 07	541051	541052	541053	541054	541055	541061	541050	N/A
Chevrolet 12 Bolt, Car & Truck, 30 Spline Axles	545008, 09, 10, 11	541051	541052	541053	541054	541055	541062	N/A	N/A
Dana 35, 27 Spline Axles	545012 & 13	541051	541063	541053	541064	541065	541066	N/A	541070
Dana 35, 30 Spline Axles	545014 & 15	541051	541063	541053	541064	541065	541067	N/A	541070
Dana 30, 27 Spline Axles	545016 & 17	541051	541063	541053	541069	541065	541068	N/A	N/A
Dana 44, 30 Spline Axles	545018 & 19	541051	541063	541053	541072	541071	541073	N/A	N/A

Note: 541070 Contains: (2)LM102949, (2)LM102911.

See Page 4 for Part Number Kit Illustration.



We thank you for your professional contributions and
we value your friendship!

Credits: Front page, center: The late Phil Carpenter, of Auburn Gear, in his 1967 Mustang, equipped with an Auburn Ford 9" spool.

Front page, bottom: Phoenix American Motor Sports - Chip Benford (driver) in their 1998 Pontiac Firebird. They race regional (north-east) and national SCCA T2 class. Their Firebird is equipped with an Auburn Road Race Limited Slip Differential, part number 542088.

Back page, top: Terry/Kathryn Becker 1965 GTO equipped with an Auburn 8.2 Limited Slip differential. 1965 GTO Photo courtesy of: Event Photos, LLC.

Back page, bottom left: Autumn Woods Racing - Jeff Dedick (driver) in their 2006 Chevy Silverado, equipped with an Auburn Pro Series Dana in the front axle and an Auburn Ford 9" spool in the rear axle.

Back page, bottom right: Dennis AuBuchon, SCCA Class T2 - Midwest Division, in his 2001 Camaro equipped with an Auburn limited slip road race differential (highlighted on page 12).



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