

CHEVROLET 12-BOLT PASSENGER CAR

Ring and Pinion Sets

We offer complete coverage of ratios for your 12-bolt rears.

The first letter of the part number indicates manufacturer.

The last three numbers are the gear ratios.

8.875 Ring Gear Diameter

30 Spline Pinion

1-1/8" Pinion Nut

Ring Gear Bolt: 9/16" Head, 3/8"-24



Special!
Auburn Gear 4.56
\$100.00 A Set

H = Hoosier (Import)

R = Richmond

U = U.S. Strange



8620 Gears

9310 Gears

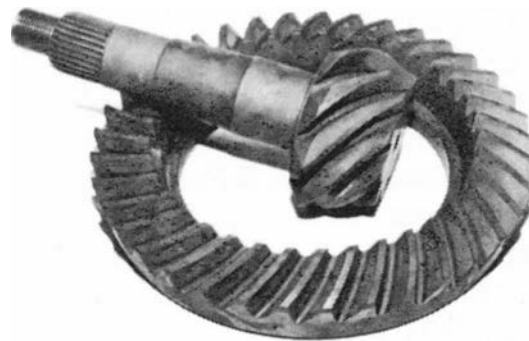
HC12-3.08
HC12-3.42
HC12-3.73***
HC12-4.11
HC12-4.30

RC12-3.08
RC12-3.42
RC12-3.55
RC12-3.73***
RC12-3.90
RC12-4.10*
RC12-4.33
RC12-4.56*
RC12-4.88*
RC12-5.14
RC12-5.38
RC12-5.57
RC12-5.86
RC12-6.14

UC12-3.08
UC12-3.31
UC12-3.42
UC12-3.55
UC12-3.73***
UC12-3.91
UC12-4.11*
UC12-4.30
UC12-4.56*
UC12-4.88
UC12-5.14

MADE IN THE
U.S.A.

RC12-4.11 P
RC12-4.33P
RC12-4.56P
RC12-4.75P
RC12-4.88P
RC12-5.14P
RC12-5.38P
RC12-5.57P
RC12-5.86P
RC12-6.14P



* Also available to fit 3-series carrier without using a spacer.

Add "T" after part number.

*** Now available to fit 4-series carrier ask for thin.

Steel Cap

Our Steel Cap "unlike all others" require that you drill and tap for 1/2" bolts. The stronger bolts, higher torque (100 ft. lbs.) and the steel cap combined minimize ring gear deflection and achieve a considerable increase in ring and pinion life. Includes bolts and instructions.

NOTE! Use on left hand (ring gear) side only.



Part #C12-SC

Price \$80.00

MADE IN THE U.S.A.

Prices Subject To Change
Tom's Differentials

CHEVROLET 12-BOLT PASSENGER CAR

Bearing Set

This is a complete bearing, race and seal set that is the same quality pieces we use in our own world famous rear ends.

Includes Axle Bearings and Seals.

Part #C12-BS Price \$115.00

NOTE! Specify if for Impala

Less Axle Bearings and Seals

Part #C12-CBS Price \$80.00

Axle Bearings and Seals only

Axle Bearing #5707 / Seal #8660S

Part #C12-ABS Price \$40.00 pair

Axle bearings & seals for Impala-Biscayne

Axle Bearing #6408 / Seal #8835S

Part #C12T-ABS Price \$40.00 set

Individual pieces also available



Additional Info.

Pinion Seal #8460N

Front Pinion Bearing

#88048 / Race #88010

Rear Pinion Bearing

#802048 / Race #802011

Side Bearings #603049

Races #603012

Shim Kits

These shim kits include a complete set of side shims and pinion shims. You must have a good assortment of shims to do the job right.

Factory

Side Shims Only .064 thru .068 & .075 - .094

Part #C12-SS0 Price \$85.00

Super Side Shims

Part #SSS-12 Price \$25.00

Pinion Shims Aftermarket

Part#AMPS-1100 Price \$8.00



Crush Sleeves, Pinion Nut & Gasket

The factory crush sleeve is to be used one time only. We offer new factory crush sleeves, aftermarket solid sleeves that you trim to achieve the correct preload "reusable" and aftermarket sleeves with shims to adjust preload also "reusable" and naturally new pinion nuts and gaskets.

Standard sleeve

Part # C12-CS Price \$5.00

Trimable sleeve

Part # C12-SCS Price NLA

Sleeve with shims

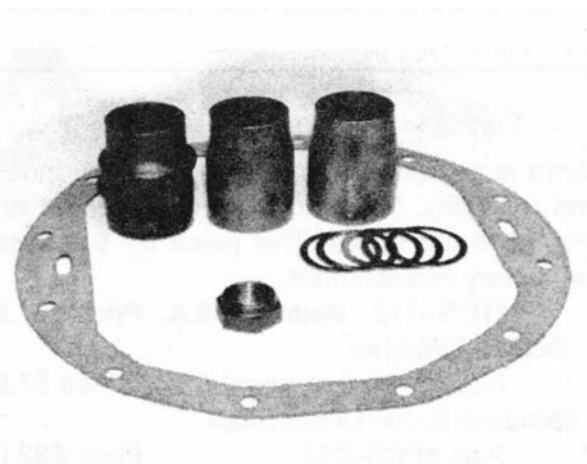
Part # C12-SCSS Price \$30.00

Pinion Nut

Part # C12-PN Price \$5.50

Gasket

Part # C12-G Price \$4.00

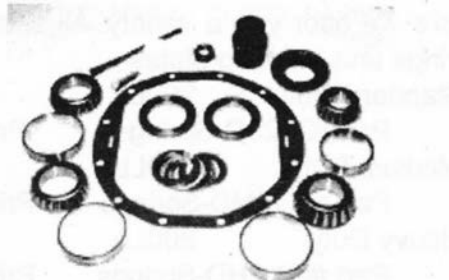


Installation Kit

Installation Kit includes center bearing set, crush sleeve, pinion nut, gasket, Loctite, marking compound with brush, super side shims and aftermarket pinion shims.

Part #C12-IK Price \$105.00

CAUTION! 65-67 Chevelle and 67 Camaro housing with 1 thin steel shim per side must use factory side shim kit!



CHEVROLET 12-BOLT PASSENGER CAR

Eaton Posi's 

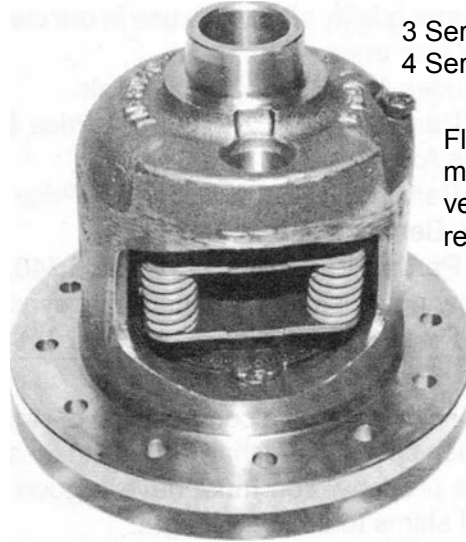
We offer several versions of the most respected posi ever offered for the 12-bolt rear.

- Standard Stock Street Units
- Tuned Units
- B.O.E. Units

Standard stock units are cold stock out of the box the way we buy them.

Tuned units are disassembled and cleaned, the spring pack is discarded to minimize clutch wear and posi chatter, and the unit is carefully reassembled and tuned to your specs.

B.O.E. In addition to what we do with a tuned unit, we also polish and reshape the posi openings to prevent cracks, replace all 4 spiders with hi-temp'd U.S. 1017s and use 18 solid clutch pack. Please specify 3 or 4 series.



3 Series=1.830" FH
4 Series=2.175" FH

Note:

Flange Height is measured using venier caliper, resting on flange, going through ring gear bolt hole to table

ASSEMBLED IN MEXICO

We offer 7 stages of Eaton Posi's Assembled in Idaho, U.S.A.

#1 Bare Case	30 sp. \$315.00	for 33sp.	\$395.00
#2 Standard loaded Posi	30 sp. price too low to print		
#5 Tuned Unit with cut 10-17spiders with 18 solid clutch pack	30 sp. \$719.00	33sp.	\$825.00
#6 Same as #5 with polished Posi case	30 sp. \$820.00	33sp.	\$930.00
#7 B.O.E. #6 w/specially heat-treated spiders and Tom's C.S.	30 sp. \$885.00	33sp.	\$1060.00

Cross Shafts
Tom's

Tom's is a cross shaft made for both toughness and reliability. Manufactured, heat-treated and ground to our specs. This piece far surpasses the factory replacement.

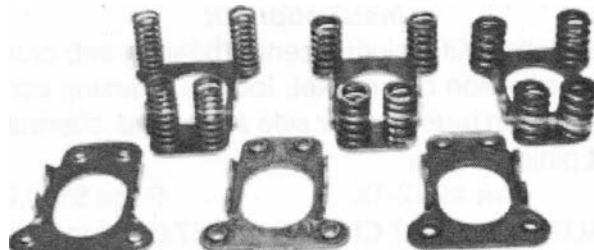
- #TCS-C12 **Made in U.S.A.** Price \$30.00
- Bolt and Washer (specify posi or open) Price \$7.00
- Standard Eaton Cross Shaft Part #ECS-C12 Price \$18.00



Posi Springs

For those of you who prefer springs in their Eaton posi's we offer you a variety. All sets include 4 springs and 2 spring plates.

- Standard Duty 200Lb Part#C12SD-Springs Price \$53.00
- Medium Duty 400Lb Part #C12MD-Springs Price \$ 44.50
- Heavy Duty 800Lb Part #C12HD-Springs Price \$ 94.00



Prices Subject To Change
Tom's Differentials

CHEVROLET 12-BOLT EATON POSI PARTS

Eaton Posi Spiders Gears

Made by U.S. Gear, are replacement 10-17 spider gears for 12-bolt Eaton style posi's. Available standard or specially heat-treated, and in the stock 30 spline or special 33 spline.

Standard 30 spline set of 4.

Part #C12-1017 Price \$185.00

Special 33 spline set of 4.

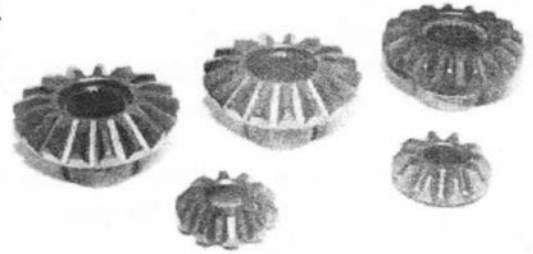
Part #C12-1017-33 Price \$220.00

New! Eaton formed 10-17 spiders

Part #C12-1017-2 Price \$215.00

Now Available! Imported 10-17 Spiders – Set of 4

Part #IMPC12-1017 Price \$150.00

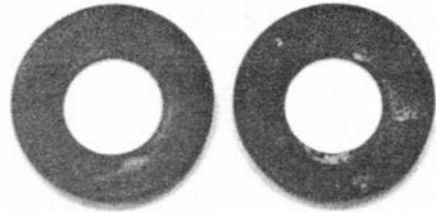


Note! For our specially heat-treated sets add H.T. To part number and add \$50.00 to price

Steel Thrust Washers

These steel thrust washers are far superior to the stock brass ones found in older Chevy 12-bolt posi's. A direct replacement, Two required.

Part #C12-TW Price \$ 4.75 ea.



Posi Plates

We offer all 3 styles of clutch packs for Eaton type posi's (all sets include 4 posi clips). Posi shim set now included in Part #C 12-PP 18S & 14CF

18 Solid Disc and Plate Set "My Favorite"

Part #C12-PP 18S Price \$110.50

18 Slotted Disc and Plate Set "Current

Factory Rep"

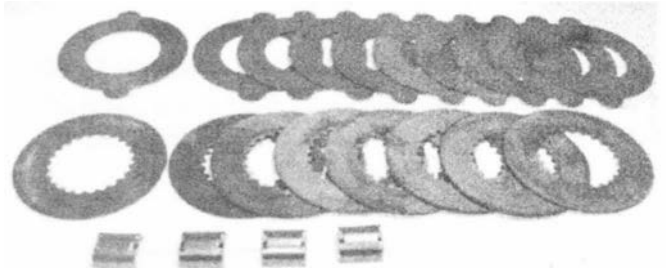
Part #C12-PP Contact Dealer

22 Solid Disc and Plate Set

Part #C12-PP22 Price \$120.00

New 14 solid Pyrolytic Carbon Disc's.

Part #C12-PP14CF Price \$ 120.00



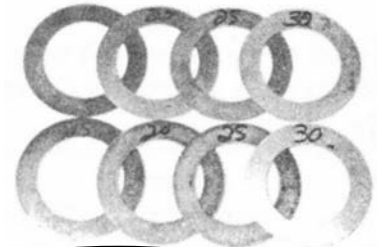
Posi Shims



Posi shims are necessary for the proper tuning of your posi. Available in a kit which includes 2 each in thicknesses: 0.010, .015, .020, .025, .030, .035, .040 and .045.

Part #C12-PSS Price \$20.00

Individuals please specify. Price \$1.50 ea.



We also offer Double-Disc Ground posi shims for those who want to really fine tune their posi in .0275", .0325" & .0375" Specify Thickness Price \$7.00 ea.

Get Help!

Visit Tom's Differentials Youtube Channel to watch "Posi Tune-Up" Tutorial Video and other Instructional Videos

Tom's C-Clips

NEW! We offer a variety of double disc ground C-Clips for when you tune your posi and require a thinner C-Clip so you don't have to grind you axle tip.

Available in thicknesses of .105, .110, .115, .120, .126, .130, .135, .138 & .143

Special Ground C-Clips – Please Specify Thickness Price \$6.00 Each

Standard C-Clip is .148-.150 Part #C12-CC Price \$3.00 Each



CHEVROLET 12-BOLT PASSENGER CAR

Auburn Posi's

Recommended for normal to mild abuse applications only. The Auburn unit is a cone style posi instead of a clutch style posi and as a result is not a rebuildable unit. But under normal usage should perform well for years and years.

3-Series is normally 3.07 thru 3.73 ratios" including aftermarket 3.90 ratio".

3-Series Auburn Posi

Part #C12-AP3 Price \$375.00

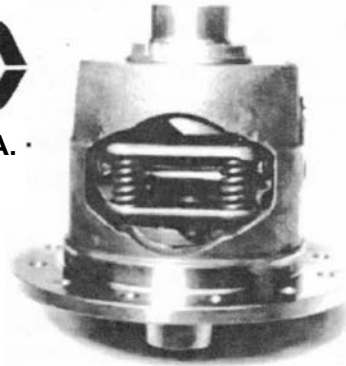
4-Series is normally 4.10 thru 6.14 ratios "including factory 3.90 ratio".

4-Series Auburn Posi

Part #C12-AP4 Price \$375.00
(PRO SERIES NO LONGER STOCK)



MADE IN THE U.S.A.



33-spline

Auburn now offers a 33 spline pro series Posi Available in both 3 and 4 series for 12 bolt car rears *COOL!*

3 Series C12-AP3-33

Price \$476.50

4 Series C12-AP4-33

Price \$476.50

True-Trac



Now available for your 12 bolt

3-Series 30sp. Part #C12-TT3 Price \$454.00

3-Series 33sp. Part #C12-TT3-33 Price \$470.00

4-Series 33sp. Part #C12-TT4-33 Price \$470.00



Detroit Locker



3-Series

30 spline Part #C12-DL3 Price \$669.00

33 spline Part #C12-DL3-33 Price \$669.00

35 spline Part #C12-DL3-35 Price \$669.00

Note! 35 spline requires a 3-1/4 bore housing.

Note! 33 spline does not accept C-clips



Spools

We offer your choice of Auburn, Strange, Summers Bro. or Richmond spools in the most popular splines. The first letter of part number indicates manufacturer, the last 2 numbers indicate spline count.

Part #AC-12-30 Price \$125.00

Part #UC12-33 Price \$195.00

Part #RC12-35 Price \$200.00

Part #SC12-35 Price \$340.00

MADE IN THE U.S.A.



CHEVROLET 12-BOLT PASSENGER AND 1/2 TON TRUCK

Weld-On Housing Ends

These babies are used when shortening your axle housing and using custom axles. This weld-on kit allows the use of the original backing plate and brake drum.

Note! Backing plate must be bored to 3.160 to clear axle bearing when using 9-1/2" size brakes.

Bearings sold separately.

Fits Camaro, Chevelle, Nova Etc. w/ 9-1/2"brakes

Tom's Differentials for 3" tube

Part #TDC-WOEK Price \$135.00 Pair

Tom's Differentials for 3-1/4" tube

Part #TDC-WOEK-3.25 Price \$135.00 Pair

Tom's Differentials for 3 1/2" tube

Part #TDC-WOEK-3.5 Price \$135.00 Pair

MADE IN THE U.S.A.



DRUM BRAKE KITS

We've managed to acquire several hundred brand new 9 1/2" brake assemblies complete. New backing plates assembled with semi-metallic shoes & all hardware with new drums.

WOW! Check out the price. These are factory O.E. sets. Maybe 20 sets left !

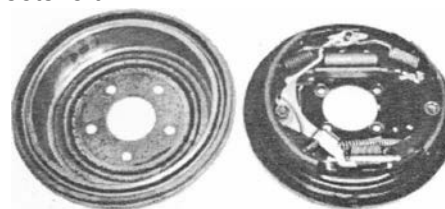
Set left & right

Part# C12-BK Price \$200.00/set

Set modified for W.O.E. conversions

Part# C12-BK-WOEK Price \$260.00/set

Limited to stock on hand!



C-Clip Eliminators Kits

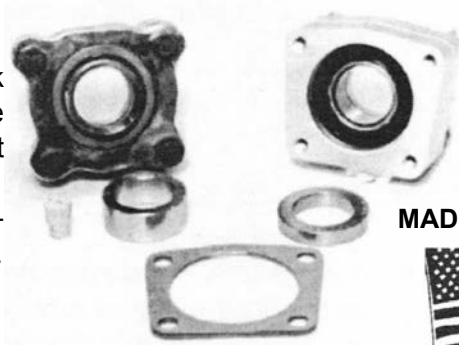
This C-clip eliminator kit enables you to use stock axles while converting over to a ball bearing-type axle bearing and eliminating the use of C-clips at the same time **A safety factor.**

Requires a little housing work (easily performed at home). Retains stock brake assembly. Complete with instructions.

Fits Camaro, Chevelle, Nova

U.S. Gear

Part #US-CCE Price \$ 148.50



MADE IN THE U.S.A.



NOTE! NOT recommended for street use!

Weld-On End Kits

Tom's offers 3 end kits for early Impala, Biscane & 1/2 Ton Chevy using 11" brakes

For use with ball bearing #514003

Part #TDC 12T-WOEK Price \$135.00 Pair

Taper bearing set 20

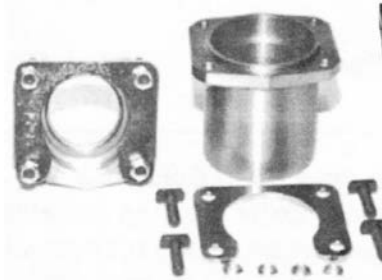
Part #TDC12T-WOEK-20 Price \$135.00 Pair

For 514003 2-1/2" longer than standard ends for conversions needing a wider housing

Part #TT-WOEK Price \$135.00 Pair

WOEK includes ends, retainers & bolts

MADE IN THE U.S.A.



12-BOLT PASSENGER AND 1/2-TON TRUCK

Front Yokes

Note! Also fits 63-79 Corvette

G.M. has pretty much discontinued yokes for the 12 bolt so we had them made in 4130 billet steel and some in 7075-T6 aluminum.

S.B. = Straps and Bolts UB = U. Bolts

U-Joint Size 1310 = 3.225 x 1-1/16"

U.B. Imported	Part #C12-Y1	Price \$76.50
S.B. Imported	Part #C12-Y2	Price \$76.50
4130 U.B.	Part #C12-BY3	Price \$159.00
7075 U.B.	Part #C12-AY3	Price \$135.00

U-Joint Size 1330 = 3.625 x 1-1/16"

4130 S.B.	Part #C12-BY4S	Price \$159.00
4130 U.B.	Part #C12-BY4	Price \$159.00

U-Joint Size 3R = 3.625 x 1-1/8"

4130 U.B.	Part #C12-BY6	Price \$130.00
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U-Joint Size 1350 = 3.625 x 1-3/16"

4130 U.B.	Part#C12-BY5	Price \$159.00
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1350 For Data Ring

4130 U.B.	Part #C12-BY7	Price \$159.00
7075 U.S.	Part #C12-AY7	Price \$135.00

New!

Forged U.B.	Part #C12-FY7	Price \$105.00
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MOSTLY MADE IN THE U.S.A.



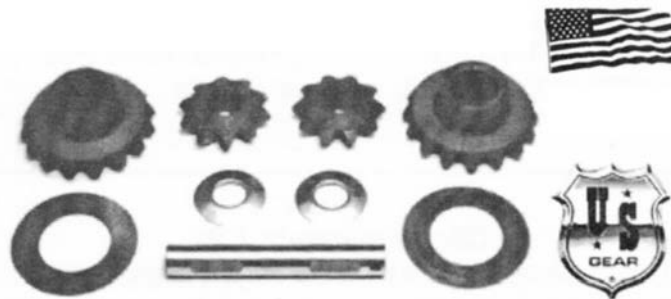
Used factory yokes \$25.00 ea.

MADE IN THE U.S.A.

Open (non Posi) Spiders

Aftermarket 12-bolt Spider Gear kit includes 2-side gears, 2-pinion gears, 2-pinion thrust washers, 2-side gear washers and a cross shaft.

Part #C12-0SS	Price \$110.00
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Mini Spools

We offer mini spools to fit in your existing open carrier case can be used with your existing c-clip type axles or with aftermarket c-clip eliminator kits.

MADE IN THE U.S.A.

For Open Carriers



Part #AC12-MS

Price \$80.00

