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 R.H.

H = Hoosier (Import)    R = Richmond    Z = Zoom    U = U.S. Strange

<table>
<thead>
<tr>
<th>Part Number</th>
<th>8620 Gears</th>
<th>9310 Gears</th>
</tr>
</thead>
<tbody>
<tr>
<td>HC12-3.08</td>
<td>UC12-3.08</td>
<td>UC12-4.11P</td>
</tr>
<tr>
<td>HC12-3.42</td>
<td>RC12-3.42</td>
<td>UC12-3.31</td>
</tr>
<tr>
<td>HC12-3.73***</td>
<td>RC12-3.55</td>
<td>UC12-3.42</td>
</tr>
<tr>
<td>HC12-4.11</td>
<td>RC12-4.10</td>
<td>UC12-3.55</td>
</tr>
<tr>
<td>HC12-4.30</td>
<td>RC12-4.56</td>
<td>UC12-3.73***</td>
</tr>
<tr>
<td>RC12-4.56T</td>
<td>UC12-3.91</td>
<td>UC12-5.38P</td>
</tr>
<tr>
<td>ZC12-5.38</td>
<td>RC12-4.88T</td>
<td>UC12-4.11*</td>
</tr>
<tr>
<td>ZC12-5.57</td>
<td>RC12-5.14</td>
<td>UC12-4.30</td>
</tr>
<tr>
<td>ZC12-5.86</td>
<td>RC12-5.38</td>
<td>UC12-4.56*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 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
**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 $120.25

**NOTE!** Specify if for Impala

Less Axle Bearings and Seals

Part #C12-CBS Price $80.25

Axle Bearings and Seals only

Axle Bearing #5707 / Seal #8660S

Part #C12-ABS 2 each Price $40.00

Axle bearings & seals for Impala-Biscayne

Axle Bearing #6408 / Seal #8835S

Part #C12T-ABS 2 each Price $40.00

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**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 Thin Shims

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

For these tell Dealer 99-08 1/2 ton

Super Side Shims

Part #SSS-12 Price $25.00

Pinion Shims Aftermarket

Part#AMPS-1100 Price $8.00

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**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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard sleeve</td>
<td>Part # C12-CS</td>
<td>$5.00</td>
</tr>
<tr>
<td>Trimable sleeve</td>
<td>Part # C12-SCS</td>
<td>NLA</td>
</tr>
<tr>
<td>Sleeve with shims</td>
<td>Part # C12-SCSS</td>
<td>$30.00</td>
</tr>
<tr>
<td>Pinion Nut</td>
<td>Part # C12-PN</td>
<td>$5.50</td>
</tr>
<tr>
<td>Gasket</td>
<td>Part # C12-G</td>
<td>$4.00</td>
</tr>
<tr>
<td>Pinion Nut Washer</td>
<td>Part # C12-PNW</td>
<td>$8.75</td>
</tr>
</tbody>
</table>

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**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 $107.00

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

Prices Subject To Change

Tom's Differentials

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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.

**ASSEMBLED IN MEXICO**

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**We offer 2 stages of Eaton Posi’s Assembled in Idaho, U.S.A.**

<table>
<thead>
<tr>
<th>#1 Bare Case</th>
<th>30 sp. $315.00</th>
<th>33sp. $395.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>#2 Standard loaded Posi</td>
<td>30 sp. too low to print</td>
<td></td>
</tr>
</tbody>
</table>

| #5 Tuned Unit with cut 10-17spiders with 18 solid clutch pack. | 30 sp. $820.00 | 33sp. $875.00 |
| #7 B.O.E. w/specially heat-treated spiders, Polished Posi Case and a Tom's Cross Shaft | 30 sp. $935.00 | 33sp. $1110.00 |

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**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 for Eaton Posi  #C12-PB  Price $8.00
- Standard Eaton Cross Shaft Part  #ECS-C12  Price $25.00

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**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  too low to print
- Medium Duty  400Lb  Part #C12MD-Springs  too low to print
- Heavy Duty  800Lb  Part #C12HD-Springs  too low to print

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

3 Series=1.830” FH
4 Series=2.175” FH

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Prices Subject To Change
Tom’s Differentials 3
**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.

- **30 spline set of 4.**
  - Part #C12-1017-H.T.  
  - Price $230.00

- **Special 33 spline set of 4.**
  - Part #C12-1017-33  
  - Price $180.00 W.S.L.

**New!** Eaton formed 10-17 spiders

- Part #C12-1017-2  
  - Price Too low to print

**New Available!** Imported 10-17 Spiders – Set of 4

- Part #IMPC12-1017  
  - Price $180.00

**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.

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**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 $145.00

- **Slotted Disc and Plate Set "Current Factory Rep"**
  - Part #C12-PP  
  - Contact Dealer 22

- **Solid Disc and Plate Set**
  - Part #C12-PP22  
  - Price $126.50

- **New 14 solid Pyrolytic Carbon Disc's.**
  - Part #C12-PP14CF  
  - Price $146.00

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**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 $30.00

- **Individuals please specify.**  
  - Price $2.50 ea.

We also offer Double-Disc Ground posi shims for those who want to really fine tune their posi in .0275", Thickness

- Price $9.50 ea.

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**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

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Prices Subject To Change
Tom’s Differentials
**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 $395.00
- 4-Series is normally 4.10 thru 6.14 ratios including factory 3.90 ratio.
- 4-Series Auburn Posi
  - Part #C12-AP4  Price $395.00
  - (PRO SERIES NO LONGER STOCK)

**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 $500.00
- 4 Series C12-AP4-33  Price $500.00

**True-Trac**
Now available for your 12 bolt

- 3-Series 30sp.  Part #C12-TT3  Price $510.00
- 3-Series 33sp.  Part #C12-TT3-33  Price $528.00
- 4-Series 33sp.  Part #C12-TT4-33  Price $528.00

**Detroit Locker**

- 3-Series
  - 30 spline  Part #C12-DL3  Price $710.00
  - 33 spline  Part #C12-DL3-33  Price $710.00

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 #RC12-35  Price $200.00
- Part #SC12-35  Price $340.00

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*Prices Subject To Change*  
*Tom's Differentials*
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 $165.00
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

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

Prices Subject To Change
Tom's Differentials
### 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"

<table>
<thead>
<tr>
<th></th>
<th>Part #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>U.B. Imported</td>
<td>C12-Y1</td>
<td>$76.50</td>
</tr>
<tr>
<td>S.B. Imported</td>
<td>C12-Y2</td>
<td>$76.50</td>
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<tr>
<td>4130 U.B.</td>
<td>C12-BY3</td>
<td>$162.50</td>
</tr>
<tr>
<td>7075 U.B.</td>
<td>C12-AY3</td>
<td>$135.00</td>
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</tbody>
</table>

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

<table>
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<tr>
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<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>4130 S.B.</td>
<td>C12-BY4S</td>
<td>$238.00</td>
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<tr>
<td>4130 U.B.</td>
<td>C12-BY4</td>
<td>$162.50</td>
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<tr>
<td>S.B. Imported</td>
<td>C12-Y4</td>
<td>$85.00</td>
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#### U-Joint Size 3R = 3.625 x 1-1/8"

<table>
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<th>Part #</th>
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<tbody>
<tr>
<td>4130 U.B.</td>
<td>C12-BY6</td>
<td>$130.00</td>
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</table>

#### U-Joint Size 1350 = 3.625 x 1-3/16"

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<th>Part #</th>
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<tbody>
<tr>
<td>4130 U.B.</td>
<td>C12-BY5</td>
<td>$162.50</td>
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<tr>
<td>Forged 3.25&quot; tall</td>
<td>RC12-FY5</td>
<td>$165.00</td>
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#### 1350 For Data Ring

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<tr>
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<tbody>
<tr>
<td>4130 U.B.</td>
<td>C12-BY7</td>
<td>$162.50</td>
</tr>
<tr>
<td>7075 U.S.</td>
<td>C12-AY7</td>
<td>$135.00</td>
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**MOSTLY MADE IN THE U.S.A.**

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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Used factory yokes</td>
<td>$25.00 ea.</td>
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Prices Subject To Change

Tom's Differentials

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