



Quick Tip 13: Differential Sizes and Gear Ratios

What is the gear ratio and diameter of my truck's differential?

The older Dodge axle that uses the 5 hole Budd Wheel (1-1/2" lug nuts), came in (2) different ring gear diameters as well as (2) different gear ratios.

Differential sizes and gear ratios are shown below, for various truck types. To determine the size of ring gear without disassembling your differential, just measure the diameter of your pinion seal.

- 3 1/2" diameter pinion seal = 8 3/4" diameter ring gear
- 4" diameter pinion seal = 9 5/8" diameter ring gear
- Vehicle Type A- 1941-42 WC 1/2 ton 4x4
All: 8 3/4" diameter ring gear 4.88 Gear Ratio
- Vehicle Type B- 1942-45 WC 3/4 ton 4x4
Early: 8 3/4" diameter ring gear—5.83 Gear Ratio
Late: 9 5/8" diameter ring gear—5.83 Gear Ratio
- Vehicle Type C- 1943-45 WC 1 1/2 ton 6x6
All: 9 5/8" diameter ring gear 5.83 Gear Ratio
- Vehicle Type D-1946-1971 1 ton
(Flat fender only) 4x4 Power Wagon
All: 9 5/8" Diameter ring Gear—5.83 Gear Ratio
standard—4.88 Gear Ratio (optional)
- Vehicle Types E & F-1951-68 3/4 ton M-series Dodges
All: 9 5/8" diameter ring gear—5.83 Gear Ratio



Differential Gears Repair Kit
for all 3/4 & 1 ton Dodge differentials, includes gaskets, spider gears, side gears, pins etc. CC1057780 **\$65**

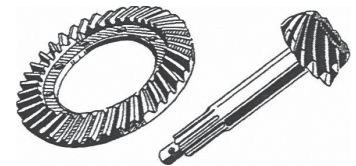
For Differential parts, please see Group 10- Front Axle

REAR AXLE SETS & KITS
NEW 1961-71 Dana 60 Differential Bearing, Gasket and Seal Kit
9-3/4" ring gear. Fits vehicle type G
Part # 10:WDBGSK60G **\$239**

NEW 1961-71 Dana 70 Differential Bearing, Gasket and Seal Kit
10.54" ring gear. Fits vehicle type H
Part # 10:WBGSK70H **\$289**

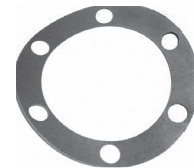
M-37, Civ PW, WC 6x6 and WC 3/4 Ton Late (9 5/8" diff) Rear Axle Seal and Gasket Set
Includes: hub seals (2), outer axle flange oil seal (2), pinion seal (4" dia.) axle flange paper gaskets (4) and rear axle gasket set (9 5/8" diff). **\$69 Set**

3/4 Ton WC Early 8 3/4" Diff. Rear Axle Seal and Gasket Set
Includes: hub seals (2), outer axle flange oil seal (2) pinion seal (3 1/2" dia.), axle flange paper gasket (4) and rear axle gasket set (8 3/4" diff) **\$65 Set**



5.83 Ring & Pinion Gear Set
• Small 8 1/4" type for early 3/4 ton WC models CC922848 **\$200**
• Large 9 5/8", 4.88 ring and pinion set **\$415** (call for availability)

Washer, Side Gear, Thrust, Differential
(not shown) NOS Fits Vehicle Types: B,C,D,E,F Part # 11:922422 **\$5**



Gasket, Drive Flange
NEW [Ord # 7351041] Fits Vehicle Type: B,C,D,E,F Part # 10:915565 **\$2**



Washer, Side Gear, Thrust, Differential
NOS Fits Vehicle Types: B,C,D,E,F Part # 11:922422 **\$5**

Axle Flange Stud
NEW Fits Vehicle Types: A,B,C,D,E,F Part # 10:916414 **\$2**

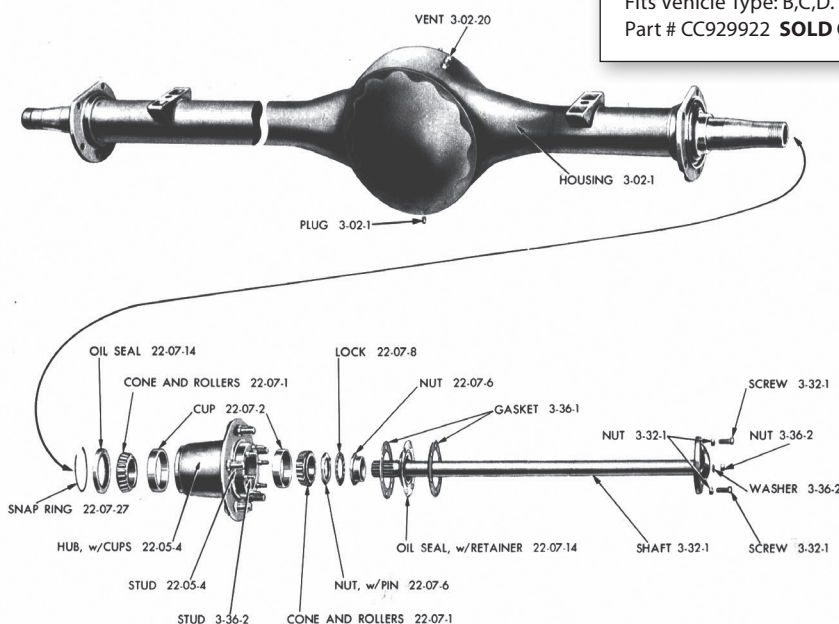


REAR AXLE SHAFTS
• NOS 36 3/8" length. Fits Vehicle Types: A Part # 11:915249 **\$75**
• NOS 36 1/4" length. Fits Vehicle Types: B,C Part # 11:921659 **\$75**
• PW & 6x6 right CC925960 **\$125**
• PW & 6x6 left CC925961 **\$125**
• M-37 right CC1268810 **\$125**
• M-37 left CC1268811 **\$125**
• NEW**M-37 Rear Axle Shafts, high strength 4340 steel, **\$450 Pair**

**6x6 Axle Assemblies...
Call for current availability**

Rear Axle Assembly

Typical Exploded Parts View
Most parts in stock for all models



NOS Center Differential
Axle Housings Available
New take-offs.
Fits Vehicle Type: B,C,D.
Part # CC929922 **SOLD OUT**