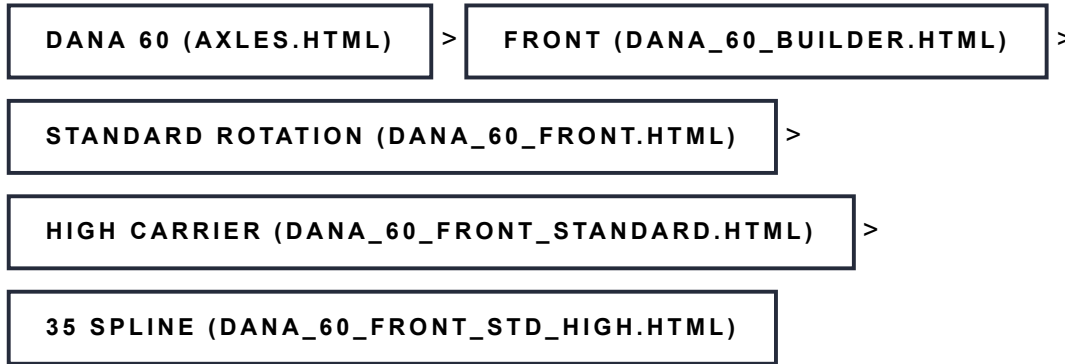




Dana 60 Axle Parts

Front | Standard Rotation | High Carrier | 35 Spline Shafts

🔄 If this is not your axle, click here ([axles.html](#))

The Dana 60 front low pinion axle with 4.56 and up carrier and 35 spline axle shafts is an extremely popular configuration and has been used by GM and Dodge since the 1970s. Dana 60 axles with 35 spline axles shafts are also often referred to as Dana 60HD ("heavy duty") axles. The parts listed on this page have been verified to fit this axle configuration.

Axle Variations

✓ Front Dana 60HD (Full-Float)

Minor and Master Overhaul Kits

When servicing an axle or installing new gears or a new differential, it is a good idea to replace the internal seals, bearings, and any parts that get damaged during disassembly. These minor and master install kits include all of the high quality parts you need.



Yukon Minor Overhaul Kit (MK D60-F)

(http://www.drivetrainshop.com/Yukon_Minor_Overhaul_Kit_p/mk%20d60-f.htm)

Yukon Master Overhaul Kit (YK D60-F)

(http://www.drivetrainshop.com/Yukon_Master_Overhaul_Kit_p/yk%20d60-f.htm)

 [Learn More About Installation Kits \(components.html#installkit\)](#)

 CROWN RACE GEARS	Forged and CNC Machined Cryogenically Treated REM ISF Super Finished Deburred and Shot Peened	5 YEAR RACE WARRANTY LEARN MORE 
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(<http://www.crownracegears.com>)

Ring and Pinion Gears

If you are changing tire size or want to improve the mileage or towing capability of your vehicle, then you'll want to change your axle's gear ratio. For help choosing the correct ratio, see the **Crawlpedia Gear Ratio Guide** (http://crawlpedia.com/gear_ratio_calculator.htm).



Yukon Gear and Axle

(http://www.drivetrainshop.com/ring_pinion_s/76.htm) (Recommended)
4.56 (http://www.drivetrainshop.com/Yukon_Ring_and_Pinion_p/yg-d60-456.htm) | **4.88**
 (http://www.drivetrainshop.com/Yukon_Ring_and_Pinion_p/yg-d60-488.htm) | **5.13**
 (http://www.drivetrainshop.com/Yukon_Ring_and_Pinion_p/yg-d60-513.htm) | **5.38**
 (http://www.drivetrainshop.com/Yukon_Ring_and_Pinion_p/yg-d60-538.htm) | **5.86**
 (http://www.drivetrainshop.com/Yukon_Ring_and_Pinion_p/yg-d60-586.htm) | **6.17**
 (http://www.drivetrainshop.com/Yukon_Ring_and_Pinion_p/yg-d60-617.htm) | **7.17**
 (http://www.drivetrainshop.com/Yukon_Ring_and_Pinion_p/yg-d60-717.htm)

Genuine Dana Spicer

(http://www.drivetrainshop.com/dana_spicer_gears_s/151.htm) (OEM)
4.56 (http://www.drivetrainshop.com/Spicer_Ring_and_Pinion_p/spi-d60-456.htm) | **4.88**
 (http://www.drivetrainshop.com/Spicer_Ring_and_Pinion_p/spi-d60-488.htm) | **5.38**
 (http://www.drivetrainshop.com/Spicer_Ring_and_Pinion_p/spi-d60-538.htm) | **5.86**
 (http://www.drivetrainshop.com/Spicer_Ring_and_Pinion_p/spi-d60-586.htm)

Crown Race Gears

(http://www.drivetrainshop.com/Crown_Race_Gears_p/crg-d60.htm)
 (Racing)
4.56 (http://www.drivetrainshop.com/Crown_Race_Gears_p/crg-d60.htm) | **4.88**
 (http://www.drivetrainshop.com/Crown_Race_Gears_p/crg-d60.htm) | **5.13** (http://www.drivetrainshop.com/Crown_Race_Gears_p/crg-d60.htm) | **5.38**
 (http://www.drivetrainshop.com/Crown_Race_Gears_p/crg-d60.htm)

*Lower gears are available for 4.10 and down differentials.

Note: The Dana 60 axle has a 4.10/4.56 carrier break. To run 4.30 and lower gears, you will need a 4.10 and down differential carrier. To learn more about carrier breaks, see **Thick Gears and Carrier Breaks**

**🛒 ARB Air Locker (RD166)**

(http://www.drivetrainshop.com/ARB_Air_Locker_p/arb-rd166.htm)

🛒 Eaton E-Locker (14023-010)

(http://www.drivetrainshop.com/Eaton_E_Locker_p/eat-14023-010.htm)

🛒 Eaton Detroit Locker (225SL29A)

(http://www.drivetrainshop.com/Detroit_Locker_p/eat-225SL29a.htm)

🛒 Eaton Detroit TrueTrac (915A386)

(http://www.drivetrainshop.com/Detroit_TrueTrac_p/eat-915a386.htm)

🛒 Yukon Grizzly Locker (YGLD60-4-35)

(http://www.drivetrainshop.com/Yukon_Grizzly_Locker_p/ygld60-4-35.htm)

🛒 Yukon Zip Locker (YZLD60-4-35)

(http://www.drivetrainshop.com/Yukon_Zip_Locker_p/yzld60-4-35.htm)

🛒 Yukon Zip Locker COMP. (YZLD60-4-35HC)

(http://www.drivetrainshop.com/Yukon_Zip_Locker_p/yzld60-4-35hc.htm)

🛒 Yukon Full Spool (FSD60-4-35)

(http://www.drivetrainshop.com/Yukon_Spool_p/yp-fsd60-4-35.htm)

🛒 Ox Locker (D60-456-35)

(http://www.drivetrainshop.com/OX_Locker_p/ox-d60-456-35.htm)

These differentials will work with the original gears in your axle as well as any of the gears listed in the section above. If you are changing your gear ratio, please see the gear section above first.

 **Learn More About Differential Lockers** (<components.html#lockers>)

 **Differential Locker Comparison** (<https://youtu.be/x40WGUtdaLI>)

(http://crawlpedia.com/thick_gears.htm).

To change to a 4.10 and down differential and run 4.30 and lower gears, you will need:



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File Size: 2.00MB. OS: Win/MacOS

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[[Dana 60 Low Carrier Differentials \(dana_60_front_std_low_35.html#lockers\)](#)] + [[Dana 60 Low Carrier Gears \(dana_60_front_std_low_35.html#gears\)](#)]

 [Learn More About Ring and Pinion Gears \(components.html#gears\)](#)

Differentials and Lockers

The best thing you can do to improve the traction of your vehicle is to install a differential locker or limited slip differential. For more information on each type of differential, click on the links below.



For Stock 30 Spline Stub Shafts

 **Yukon Hardcore Locking Hubs (YHC70003)**

(http://www.drivetrainshop.com/Yukon_Hubs_p/yhc70003.htm)

 **Yukon Hardcore Drive Flange Kit (YHC50003)**

(http://www.drivetrainshop.com/Yukon_Flange_Kit_p/yhc50003.htm)

For Upgraded 35 Spline Stub Shafts

 **Yukon Hardcore Locking Hubs (YHC70001)**

(http://www.drivetrainshop.com/Yukon_Hubs_p/yhc70001.htm)

 **Yukon Hardcore Drive Flange Kit (YHC50005)**

(http://www.drivetrainshop.com/Yukon_Flange_Kit_p/yhc50005.htm)

Note: Standard front 35 spline Dana 60 axles feature 30 spline stub shafts, however, 35 spline stub shafts are a very common upgrade.

 [Learn More About Hubs and Flanges \(components.html#hubs\)](#)

Steering Knuckles

Stock Dana 60 knuckles are plenty strong for most application, however, if you are running tires over 40" tall with hydraulic steering, or if you simply run your vehicle extra hard, you will want forged steering knuckles.



List or advertise your parts here! Click here for details. ([advertise.html](#))

 [Learn More About Steering Knuckles \(components.html#knuckles\)](#)

Spindles

If your spindles have been damaged or scarred by worn out bearings, it's time to upgrade to a set of heavy duty, heat treated, aftermarket spindles that are stronger and will last longer.



List or advertise your parts here! Click here for details. ([advertise.html](#))



SpeedStrap 30in Limit
Strap, Black

\$26.99



Dana UD60 Chromoly
Axle & Joint..

\$328.68

Dana UD60 Chromoly
Axle & Joint...

\$180.55



Motive Gear
30/44 Axle T

\$61.83

Nc

Axle Shafts

Replace your broken or worn out axle shafts with stock replacements or upgrade to high performance chrome-moly axle shafts to handle more power and larger tires.



Axle Shafts

List or advertise your parts here! Click here for details. (advertise.html)

Note: Dana 60 axles use various length axle shafts. You will need to either measure your existing shafts to order the proper length or order a set that can be cut to size. Quadrateer axles are not supported at this time.

Learn More About Axle Shafts (components.html#axleshafts)

Locking Hubs and Drive Flanges

Upgrade to heavy duty aftermarket locking hubs or convert to drive flanges for the ultimate in strength and reliability. A free-spin conversion kit is also available to reduce rolling resistance and increase fuel economy.

 [Learn More About Spindles \(components.html#spindles\)](#)

High Steer / Crossover Arms

Move your drag link, and tie rod up and out of the way while also making your steering knuckles stronger with a set of high steer arms. This upgrade is highly recommend for vehicles with large leaf spring lifts and those running hydraulic steering.



List or advertise your parts here! [Click here for details. \(advertise.html\)](#)

 [Learn More About Crossover Steering \(components.html#highsteer\)](#)

Hydro Assist / Full Hydro Steering

Oversize tires take significantly more force to steer which can make steering a chore and may even cause your stock steering box to fail. Upgrade your steering system with a hydraulic assist cylinder or convert to full hydraulic steering with these kits.



List or advertise your parts here! [Click here for details. \(advertise.html\)](#)

 [Learn More About Hydraulic Steering \(components.html#hydro\)](#)

Axle Trusses

Beef up your Dana 60 axle housing with a precision cut and bent axle truss to handle larger tires and severe off-road abuse without flexing, bending, or breaking your axle.



List or advertise your parts here! [Click here for details. \(advertise.html\)](#)

 [Learn More About Axle Trusses \(components.html#axletruss\)](#)

Tabs and Brackets

Converting to a 4-link suspension requires new shock mounts, link mounts, gussets, and tabs. Save yourself time, money and frustration with high quality, pre-fabricated, precision fit brackets.



List or advertise your parts here! [Click here for details. \(advertise.html\)](#)

 [Learn More About Axle Brackets and Tabs \(components.html#brackets\)](#)

Differential Covers and Guards

Protect your differential with a heavy duty differential cover or bring down your differential temperatures with a high capacity finned cover for maximum heat dissipation.



TMR Customs Dana 60 Diff Cover

(http://www.tmrcustoms.com/store/index.php?main_page=product_info&cPath=292&products_id=2304)

Nitro Gear & Axle Dana 60 Diff Cover

(<http://www.justdifferentials.com/NPCOVER-D60-p/npcover-d60.htm>)

Dynatrac Pro Series Dana 60 Diff Cover

(<http://www.dynatrac.com/accessories/dana-60-pro-series-differential-cover.html>)

RuffStuff Specialties Dana 60 Diff Cover

(<http://www.ruffstuffspecialties.com/catalog/D6070COV.html>)

 **Learn More About Differential Covers** ([components.html#diffcovers](#))

Differential Cover Gaskets

Red High-Temp RTV Silicone (available at your local auto parts store) is the most common way to seal the differential cover on a Dana 60 axle, however, several aftermarket manufacturers now offer reusable gaskets that are much cleaner.



List or advertise your parts here! Click here for details. ([advertise.html](#))

 **Learn More About Differential Gaskets** ([components.html#gaskets](#))

Gear Oil

Dana Spicer recommends 80w90 Mineral oil or 75W140 synthetic oil, however, we recommend 75w90 full-synthetic gear oil for all Dana 60 applications (plus a traction modifier for differentials that require it).



List or advertise your parts here! Click here for details. ([advertise.html](#))

Note: The Dana 60 rear axle takes 3.5 quarts of oil.

 [Learn More About Gear Oil \(components.html#gearoil\)](#)

Pinion Yokes

It is not common to need to replace a pinion yoke but in high horsepower applications, or if your driveshaft has been upgraded to larger u-joints, you may need to purchase a stronger and/or larger yoke.



List or advertise your parts here! Click here for details. ([advertise.html](#))

 [Learn More About Pinion Yokes \(components.html#yokes\)](#)



How to Use This Page

Helpful Tools & Advice

Dana 60 BOM Check

The Following Dana 60 Axle BOM Numbers Are Compatible With Parts On This Page:

For more information on BOM numbers see the **Crawlpedia Dana 60 BOM Guide**
(http://www.crawlpedia.com/dana_60_bom.html)

603643-2	High (4.56+)	35 Spline
603643-3	High (4.56+)	35 Spline
603643-5	High (4.56+)	35 Spline
603643-6	High (4.56+)	35 Spline

603643-9	High (4.56+)	35 Spline
603643-11	High (4.56+)	35 Spline
603643-12	High (4.56+)	35 Spline
610057-3	High (4.56+)	35 Spline
610057-4	High (4.56+)	35 Spline
610057-7	High (4.56+)	35 Spline
610132-2	High (4.56+)	35 Spline
610132-4	High (4.56+)	35 Spline
610135-2	High (4.56+)	35 Spline
610135-3	High (4.56+)	35 Spline
610135-4	High (4.56+)	35 Spline
610159-2	High (4.56+)	35 Spline
610159-4	High (4.56+)	35 Spline
610201-1	High (4.56+)	35 Spline
610201-2	High (4.56+)	35 Spline
610202-5	High (4.56+)	35 Spline
610202-6	High (4.56+)	35 Spline
610236-2	High (4.56+)	35 Spline
610236-3	High (4.56+)	35 Spline
610236-4	High (4.56+)	35 Spline
610295-2	High (4.56+)	35 Spline
610295-4	High (4.56+)	35 Spline
610332-2	High (4.56+)	35 Spline
610332-3	High (4.56+)	35 Spline
610341-2	High (4.56+)	35 Spline
610341-3	High (4.56+)	35 Spline
610357-2	High (4.56+)	35 Spline
610357-3	High (4.56+)	35 Spline
610357-7	High (4.56+)	35 Spline
610405-2	High (4.56+)	35 Spline
610405-7	High (4.56+)	35 Spline
610405-10	High (4.56+)	35 Spline
610405-13	High (4.56+)	35 Spline
610430-1	High (4.56+)	35 Spline

For a complete list of Dana 60 BOM numbers, see the **Crawlpedia Dana 60 BOM Guide**
(http://www.crawlpedia.com/dana_60_bom.html)



National Differential

Differential assemblies
from Hub to Hub!

National Differential

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