



Parts Bulletin # 184

September, 2018

810-129 FORGED AXLE

Description:

810-129 Forged Axle replaces 810-73 (front/rear), 810-75 (mid), 810-92 (front/rear), and 810-113 (mid.) welded axles. Improvements include a much more robust, zinc electroplated design.

Special Service Note:

Vehicles manufactured prior to 2010 model year will also require upgraded components at all front/rear bearing extension locations for 810-129 Axle compatibility.

Follow the below steps to determine what additional parts will be required.



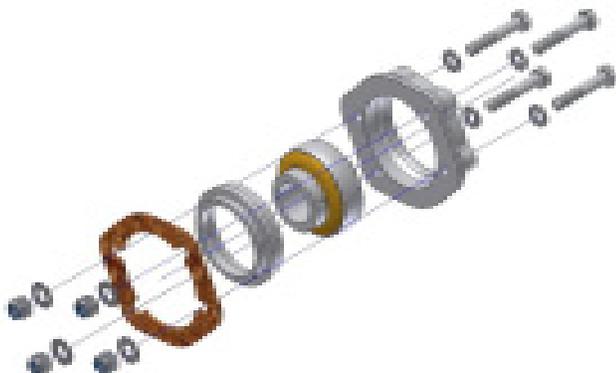
810-129 Forged Axle

Parts Required: 8x8 vehicles prior to S/N 28971

6X6 vehicles prior to S/N 16690

Step 1 - Axle Bearings: Order 1x **101-97** *per bearing location*

101-97 Includes:



1	606-88	FLANGE ASY, OUTER BEARING
1	606-89	CARRIER, AXLE BEARING
1	101-95	BEARING, BALL -1.25 x 72mm
1	606-90	GASKET, FLANGE -72mm BRG
4	103-68	HHCS 3/8-16x2.0 GR5 ZINC
4	117-29	LOCKNUT, NYLON 3/8-16 ZINC
4	108-06	LOCKWASHER, 3/8 SPLIT-RING ZINC
4	108-15	WASHER .42x.81x.05 ZINC

Step 2 - Bearing Extensions: Find your vehicle model and serial number (S/N) to decide what components are required:

Avenger & Frontier prior to 2010 model year (S/N 28971 Aug. 6/09 and 16690 Oct. 19/09), each bearing extension location requires:

1	810-112	EXTENSION ASY, BEARING W/ NUTS
1	606-25	GASKET, BEARING EXTENSION-AVG
2	606-90	GASKET, FLANGE -72mm BRG

NOTE

The bearing extensions installed on Avengers and Frontiers prior to 2010 model year have threaded studs that are not long enough for the newer heavy duty bearing flanges. Therefore, new bearing extensions, 810-112, with cast-in nuts are required

Conquest 8x8 & 6x6, Response, Bigfoot, Vanguard2, and Vanguard from S/N 19200 & 13174 (Mar. 27/02), each bearing extension location requires:

4	112-138	HHCS 3/8-16x7.00" GR5 ZINC
2	606-90	GASKET, FLANGE -72mm BRG

NOTE

The long carriage bolts used on these models are not long enough for the heavy duty bearing flanges. Therefore the longer bolts are required.

All Argos prior to S/N 19200 & 13174 (Mar. 27/02), each bearing extension location requires:

1	810-52	EXTENSION, BEARING
1	606-24	GASKET, BEARING EXTENSION
4	112-138	HHCS 3/8-16x7.00" GR5 ZINC
2	606-90	GASKET, FLANGE -72mm BRG

NOTE

The bearing extensions on Argos prior to Mar. 27/02 have a machined bearing seating diameter that is too small for the heavy duty bearing flange carrier. Therefore newer bearing extensions, 810-52, are required