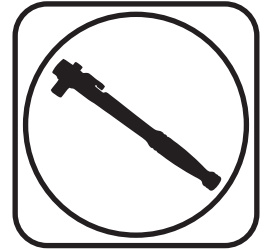




Part # 11246699 - 1968-1972 GM "A"-Body Rear Upper StrongArm Kit



Recommended Tools



1968-1972 GM "A"-Body Rear Upper StrongArms Installation Instructions

Table of contents

- Page 2..... Included Components
- Page 3..... StrongArm Installation

WE RECOMMEND REPLACING THE BUSHINGS IN YOUR AXLE HOUSING WITH THE RIDETECH AXLE HOUSING R-JOINTS, PART NUMBER 11227298.





Included ComponentsIn the box

Part Number	Description	QTY
90001115	Upper Control Arms (Set to 10.260")	2
90001318	RH R-Joint Threaded Housing Assembly (Installed in bars)	2
99752004	3/4" -16 Jam Nut (Installed on R-Joint End	2
70013784	R-Joint Spacers	4
R-Joint Components - (Installed in R-Joint ends)		
70013275	R-Joint Center Ball	2
70013276	R-Joint Composite Center Ball Cage	2
70013279	Retaining Ring	2
70013280	Wavo Wave Spring	2

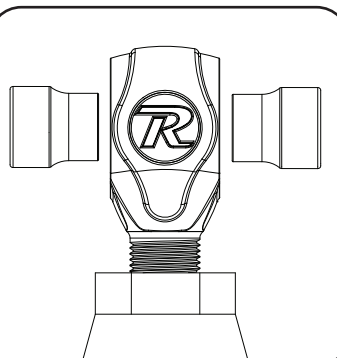
Hardware Kit# - 99010096

99501005	1/2" -13 x 3 1/2" Hex Bolt	Upper StrongArm	4
99502009	1/2" -13 Nylok Nut	Upper StrongArm	4
99503014	1/2" SAE Flat Washer	Upper StrongArm	4

R-JOINT SPACER INSTALLATION

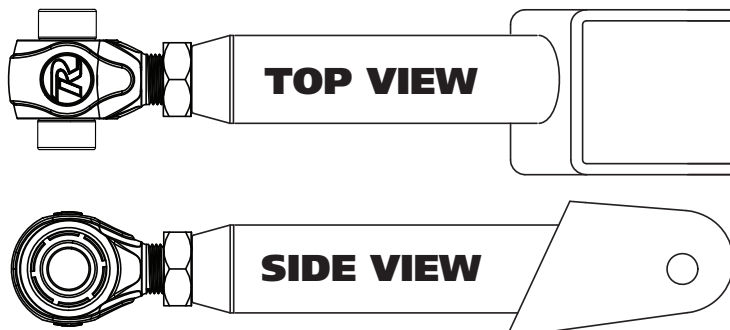
Install the Spacers by inserting the SMALL side of the SPACER into the Center Pivot Ball. Push them in until they bottom out and stop.

UPPER R-JOINTS



New R-Joints will be quite stiff (75-90 in/lbs breakaway torque) until they "break in" after a few miles of use. After the break in period they will move much more freely. Because the composite bearing race contains self lubricating ingredients, no additional lubrication is needed or desired. Any additional lubrication will only serve to attract more dirt and debris to the R-Joint and actually shorten its life.

STRONGARM ORIENTATION

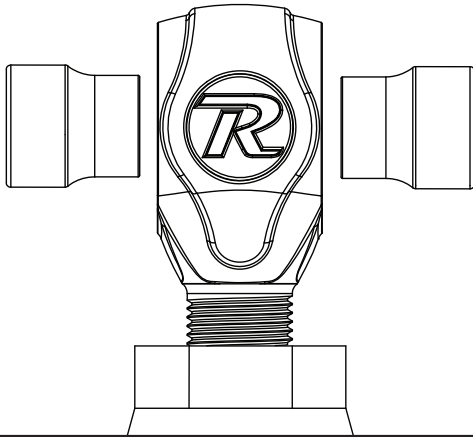


THIS ILLUSTRATION SHOWS HOW THE UPPER STRONGARM IS TO BE INSTALLED IN YOUR A-BODY. BOTH UPPER STRONGARMS ARE OFFSET TO SAME SIDE. THIS DESIGN IS BASED OFF THE OEM CONTROL ARMS TO KEEP THE DIFFERENTIAL CENTERED.



StrongArm Installation

1.



1. Remove the OEM upper control arm. Inspect the condition of the bushings in the axle housing. We recommend the Ridetech Axle Housing R-joints #11227298 for bind free suspension movement. If you are also installing the Axle Housing R-Joints, install them before installing the new upper StrongArms. Check the length of the upper StrongArm, it should be set at 10.260". Ensure that the jam nut is tight. Insert the R-Joint Spacers into the R-Joint by installing the small end of the spacers into the R-Joint. Push them in until they bottom out and stop.

2.



2. Insert the R-Joint end of the upper StrongArm into the OEM location, making sure the StrongArm is positioned correctly. Use the illustration on **Page 2** to help determine the correct orientation. Line up the through hole of the R-joint with the upper control arm mounting holes. Insert a 1/2"-13 x 3 1/2" hex bolt through the holes. Install a 1/2" flat washer and 1/2"-13 nylok nut on the threads of the bolt sticking through the frame. Torque to 75 ftlbs.

3.



3. Slip the end of the upper Strongarm over the axle housing bushing. Line up the holes of the StrongArm with the through hole of the bushing. Insert a 1/2"-13 x 3 1/2" hex bolt through the holes. Install a 1/2" flat washer and 1/2"-13 nylok nut on the threads of the bolt sticking through the frame. If you are reusing the OEM rubber bushing, do not tighten until the car is sitting at ride height. If you have the axle housing R-Joint installed, you can tighten the hardware with the suspension hanging. Torque the hardware to 75 ftlbs.