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Part # 11306699
67-70 Impala Rear Upper StrongArm & Panhard Bar Kit

Upper Arm Components:

- 1 90002581 Upper StrongArm – C-C 10.00"
- 1 70013364 R-Joint Rod End housing
- 1 99752004 3/4"-16 SAE jam nut
- 4 70013544 R-Joint Spacer – **5/8" ID x 1.031" long**

Panhard Bar Components:

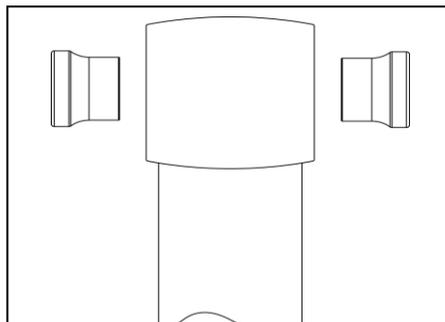
- 1 90002827 Panhard bar – TW 33.875" (C-C 35.75")
- 1 70013364 R-Joint Rod End housing
- 1 99752004 3/4"-16 SAE jam nut
- 1 90000461 Panhard bar axle stud
- 2 70013334 Axle Stud R-Joint Spacer – **5/8" ID x .620" long**
- 2 70013764 Frame Mount R-Joint Spacers – **9/16" ID x .620" long**

R-Joint Components

- 70013279 Retaining Ring
- 70013280 Wavo Wave Spring
- 70013276 R-Joint Composite Center Ball Cage
- 70013275 R-Joint Stainless Center Ball

Hardware:

- | | | | |
|---|----------|------------------------------|------------------------------|
| 2 | 99621006 | 5/8" x 3 3/4" SAE Gr. 8 bolt | Upper arm |
| 3 | 99622006 | 5/8" SAE Nylok jam nut | Upper arm / panhard bar stud |
| 1 | 99561003 | 9/16" x 3" SAE Gr. 8 bolt | Panhard bar to frame |
| 2 | 99562001 | 9/16" SAE Nylok jam nut | Panhard bar |
| 1 | 99563001 | 9/16" USS flat washer | Panhard bar stud |
| 1 | 99603003 | 5/8" USS flat washer | Panhard bar stud |



Insert the **SMALL** end of the spacer **INTO** each side of the center pivot ball. Push the spacer in until it bottoms out in the center pivot.

STRONG ARMS™

by Air Ride Technologies

Installation Instructions

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.



1. Replace the factory upper trailing arm with the StrongArms. 5/8" x 3 3/4" bolts and Nylok jam nuts are supplied to replace the factory hardware. A 5/8" ID x 1.031" long spacer will need to be inserted into each side of the R-Joint.

Note: Some cars may have two upper arms. In this case you will need to order a second upper arm, part # 11306698



2. Replace the factory panhard bar with the new one using the new stud and hardware supplied. Insert the 5/8" Inside Diameter R-Joint Spacers into the R-joint of one end of the Panhard Bar.

Check air spring clearance through full suspension travel. Allowing the air spring to rub will result in failure and is not a warrantable situation.



3. The other end of the Panhard Bar will attach to the frame using the 9/16" x 3" bolt and Nylok nut. Insert the 9/16" Inside Diameter R-Joint Spacers into the R-joint

4. The panhard bar should be approximately 35 3/4" center eye to center eye, but may need adjusted to center the axle. This should be checked at ride height.