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**Part # 11066699**  
**59-64 Chevy Impala Rear Upper Strong Arm & Panhard Bar Kit**

**Components:**

- 1 90001119 Upper control arm – (set at 13.75")
- 1 70013364 R-Joint threaded rod end housing
- 2 70013544 R-Joint Spacers
- 1 90001085 Poly bushing half – 1.5" O.D. x 1.5" long
- 1 90001086 Poly bushing half – 1.5" O.D. x 1" long
- 1 90000467 Bushing sleeve – 2.5" long

**Panhard:**

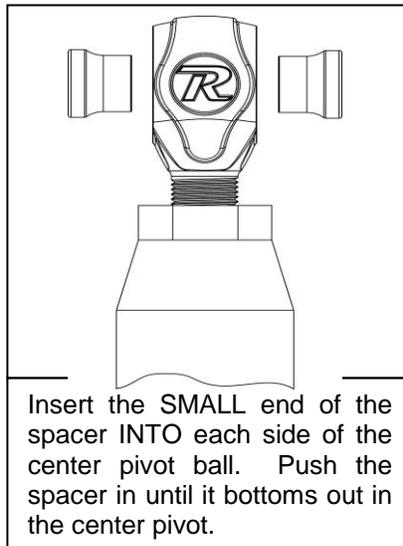
- 1 90002849 Panhard bar (Set at 31.500")
- 1 90001946 Panhard Kevlar lined Heim end – 3/4" I.D.
- 2 90000460 Aluminum T bushing – for heim end
- 2 70013334 R-Joint Spacers
- 1 90000461 Panhard bar stud

**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 | 99603003 | 5/8" USS flat washer         | Panhard bar stud             |
| 1 | 99563001 | 9/16" USS flat washer        | Panhard bar stud             |
| 1 | 99561001 | 9/16" x 2 1/2" SAE Gr.8 bolt | Panhard bar to frame         |
| 2 | 99562001 | 9/16" SAE Nylok nut          | Panhard bar                  |
| 2 | 99752004 | 3/4"-16 Jam nut              | Heim end & R-Joint           |
| 2 | 99621005 | 5/8" x 3 1/2" SAE Gr.8 bolt  | Upper arm                    |
| 3 | 99622006 | 5/8" SAE Nylok jam nut       | Upper arm / Panhard bar stud |



# STRONG ARMS™

by Air Ride Technologies

## Installation Instructions

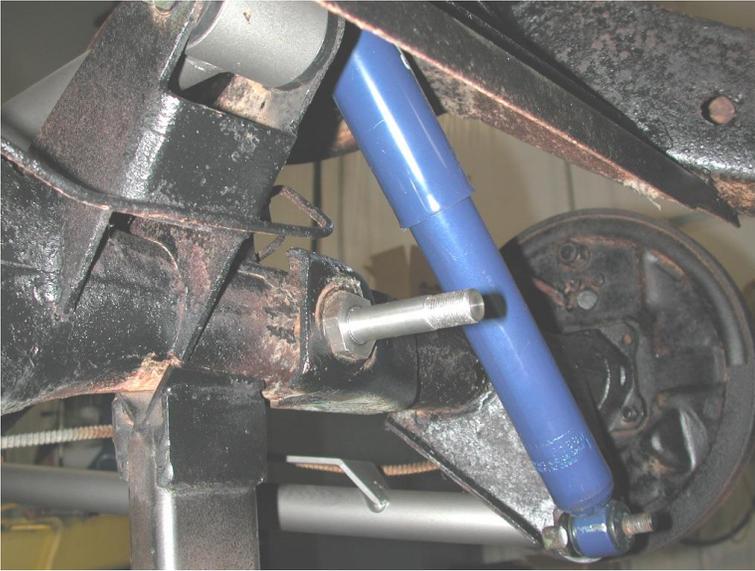


1. Insert the LONG R-joint Spacers into the R-joint. The Small Diameter goes into the R-joint. Bolt the upper StrongArm to the frame using the 5/8" x 3 1/2" bolts and Nylok nuts supplied.
2. Using a 5/8" x 3 1/2" bolt fasten the poly bushing end of the upper bar to the axle bracket.

**Note:** Some vehicles have two factory upper arms and need a second tubular arm.



3. Install the 3/4" jam nut onto the end of the Heim end, then screw Heim end into the end of the panhard bar.
4. Press the aluminum T-bushings into the Heim end. Fasten the Heim end to the frame bracket using the 9/16" x 2 1/2" bolt and Nylok nut supplied.



5. Bolt the new panhard bar stud onto the axle in factory stud location using the 9/16" Nylok nut and flat washer supplied.

6. Install a Narrow R-joint Spacer into the R-joint. The Small Diameter goes into the R-joint. Slide the R-joint onto the stud and fasten in place with a 5/8" flat washer and nylok nut.

***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.***