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INSTALLATION INSTRUCTIONS

QA1 P/N 5247, 5248, 5249 Adjustable Upper Trailing Arm
'73-'88 GM A/G-body, '68-'72 GM A-body, '64-'67 GM A-body

READ ALL INSTRUCTIONS CAREFULLY AND THOROUGHLY PRIOR TO STARTING INSTALLATION. PRODUCTS THAT HAVE BEEN INSTALLED ARE NOT ELIGIBLE FOR RETURN. USE THE PROPER JACKING LOCATIONS. DEATH OR SERIOUS INJURY CAN RESULT IF INSTRUCTIONS ARE NOT CORRECTLY FOLLOWED. A GOOD CHASSIS MANUAL, AVAILABLE AT YOUR LOCAL PARTS STORE, MAY ALSO AID IN YOUR INSTALLATION.

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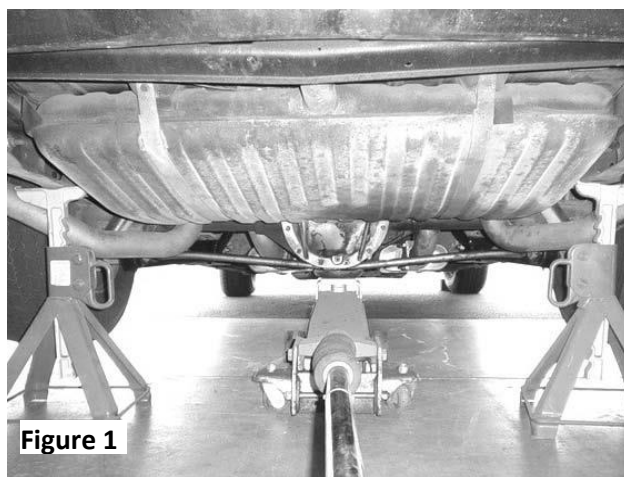
TOOLS AND SUPPLIES REQUIRED

- SAE and/or Metric Wrench Set
- Floor Jack
- Jack stands
- Tire Chocks
- Blue Loctite™
- SAE and/or Metric Socket Set
- Lug wrench
- Grease Gun
- Torque wrench

REMOVAL OF STOCK TRAILING ARMS

1. Place vehicle on a level surface and place tire chocks in front of and behind the front tires.
2. Support the rear frame of the vehicle on jack stands and remove the rear wheels.
3. Place a floor jack under the differential and lift up slightly to remove tension from the trailing arm bolts. Make sure not to lift the vehicle off the jack stands. **Figure 1**

Note: *Keep floor jack under vehicle during the complete removal and installation procedure. Remove only one arm at a time. Removing both could cause the axle to rotate making installation difficult.*



4. Start with either trailing arm and remove the rear bolt. Replace the bolts in same direction as original.
5. Remove the front trailing arm bolt.
6. If you are having difficulty removing the trailing arm bolts, remove the lower shock bolts and the rear springs to aid bolt removal.
7. Clean the frame at trailing arm pivot area with a wire brush.

8. Remove the pressed-in factory rubber bushing from axle housing. Note the direction of bushing in the axle housing. Be careful not to damage the axle housing.

INSTALLATION INSTRUCTIONS

1. Install the polyurethane bushing into axle housing, facing the same direction as stock. **Figure 2**

Note: 1964 axle housings use smaller bushings than newer cars and require QA1 P/N 9032-383 Bushing Kit. This kit reuses the factory outer bushing shells.

2. Install the polyurethane thrust washer on inboard side of bushing.

Note: Left side only, some thrust washers will require trimming for clearance of the axle housing. If you install thrust washer at the same time as you install bushing, it requires less trimming for clearance. On 1978-1988 model year vehicles, using metric stock arm pivot bolts, drill or file front locating hole to 1/2" diameter to enable use of supplied 1/2" diameter bolts.

3. Using the supplied grease, lube the trailing arm bushings and the axle bushings on the surface that contacts the arms. Install the new trailing arms with the grease fittings facing down.
4. Install the front bolt first using the thicker 1/2" washers supplied on the outside of the frame. See **figure 3**.
5. Place one drop of Blue Loctite™ on clean threads and torque the nut to 70 ft.-lbs. The trailing arm should then pivot smoothly on the chassis.
6. Position the trailing arm over the polyurethane bushing and thrust washer. Install rear bolt in the same direction as original and torque to 79 ft.-lbs. **Figure 4** shows the arm installed.
7. Repeat for the other side.

Note: Although QA1 trailing arms are pre-lubed, you may want to finish your installation by lubing the front bushing with a grease gun. Be sure to install zerk caps to prevent dirt and corrosion from damaging the fitting. Check all nut and bolt tightness after first 10 miles.

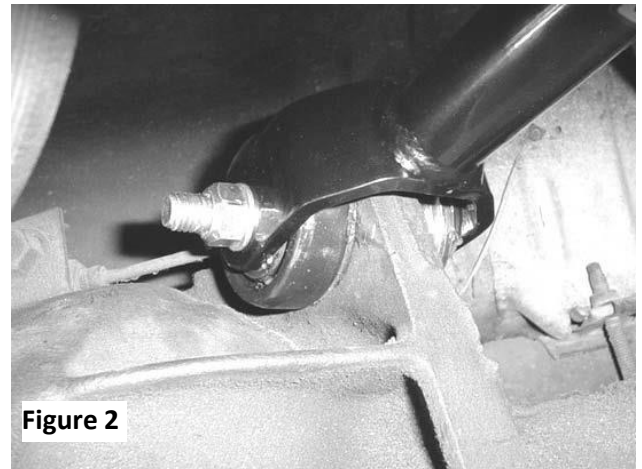


Figure 2



Figure 3

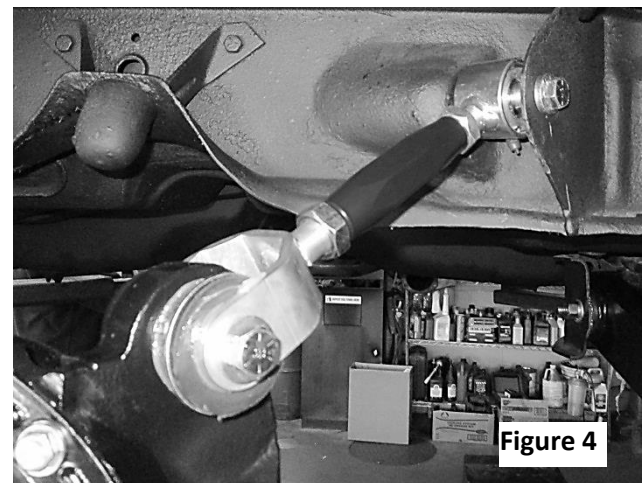


Figure 4

Dedicated Technical Support Team

QA1 is dedicated to providing quality support and instructions. We employ passionate racers and car enthusiasts that know our products and the industry to better serve you.

Check out our tech videos at www.YouTube.com/QA1Tech for:

- Frequently Asked Questions
- Quick Tips
- Install Information
- Tuning and Repair Guides
- Other technical information

Or call to speak with one of our experts: 1.800.721.7761

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