



Technical Support Line: (952) 985-5675 Fax Line: (952) 985-5679

INSTALLATION INSTRUCTIONS

QA1 P/N 5222 Adjustable Panhard Bar
1982-2002 Camaro/ Firebird

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.

• DISCLAIMER / WARRANTY •

QA1 WARRANTS THAT THE PRODUCTS WILL BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR ONE YEAR FROM DATE OF SALE TO THE ORIGINAL PURCHASER. QA1 MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. QA1 SHALL HAVE NO OBLIGATION UNDER THE FOREGOING WARRANTY WHERE THE DEFECT IS THE RESULT OF IMPROPER OR ABNORMAL USE, YOUR NEGLIGENCE, VEHICLE ACCIDENT, IMPROPER OR INCORRECT INSTALLATION OR MAINTENANCE, NOR WHEN THE PRODUCT HAS BEEN REPAIRED OR ALTERED IN ANY WAY. QA1'S LIABILITY IN THE CASE OF DEFECTIVE PRODUCTS SUBJECT TO THE FOREGOING WARRANTY SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT, AT QA1'S OPTION, OF THE DEFECTIVE PRODUCTS.

THE USER UNDERSTANDS AND RECOGNIZES THAT RACING PARTS, SPECIALIZED STREET ROD EQUIPMENT, AND ALL PARTS AND SERVICES SOLD BY QA1 ARE EXPOSED TO MANY AND VARIED CONDITIONS DUE TO THE MANNER IN WHICH THEY ARE INSTALLED AND USED. QA1 SHALL BEAR NO LIABILITY FOR ANY LOSS, DAMAGE OR INJURY, EITHER TO A PERSON OR TO PROPERTY, RESULTING FROM THE INSTALLATION, DIRECT OR INDIRECT USE OF ANY QA1 PRODUCTS OR INABILITY BY THE BUYER TO DETERMINE PROPER USE OR APPLICATION OF QA1 PRODUCTS. WITH THE EXCEPTION OF THE LIMITED LIABILITY WARRANTY SET FORTH ABOVE, QA1 SHALL NOT BE LIABLE FOR ANY CLAIMS, DEMANDS, INJURIES, DAMAGES, ACTIONS, OR CAUSES OF ACTION WHATSOEVER TO BUYER ARISING OUT OF OR CONNECTED WITH THE USE OF ANY QA1 PRODUCTS. MOTORSPORTS ARE DANGEROUS; AS SUCH, NO WARRANTY OR REPRESENTATION IS MADE AS TO THE PRODUCT'S ABILITY TO PROTECT THE USER FROM INJURY OR DEATH. THE USER ASSUMES THAT RISK!

TOOLS AND SUPPLIES REQUIRED

- Floor Jack
- Jack Stands
- Blue Loctite™
- 18mm, 21mm, 1/2" sockets and ratchets
- Tire Chocks
- Lug wrench
- Torque Wrench
- 18mm, 21mm, combination wrenches

Removal of Stock Panhard Bar

1. Place the car on a level surface and place tire chocks in front of and behind the front tires. **Figure 1.**
2. Support the rear of the car on jack stands. See **Figure 2.**
Note: The vehicle must be supported with vehicle's normal weight on rear axle.
3. Remove the bolts at each end of the stock panhard bar and remove the panhard bar from the vehicle. Inspect hardware and replace if needed. See **Figure 3.**

Note: Keep floor jack under car during the complete removal and installation procedure.



Figure 1

Installation of QA1 Panhard Bar

1. Install the QA1 panhard bar with the grease fittings facing down. See **Figure 4**. QA1 panhard bars are greased during assembly, but it is good practice to grease the bushings during installation.

Note: Your new adjustable panhard bar is to be installed with the adjuster sleeve on the driver's side of the vehicle.

2. Place a drop of Blue Loctite™ on clean bolt threads and torque to 50 lb. ft.
3. QA1 panhard bars are adjusted to the stock length. To adjust loosen the two jam nuts and turn the adjuster sleeve until the rear axle is centered under the car. To check, measure from the tire sidewall to the fender lip.
4. Remove the jack stands and lower the vehicle.

Re-check all nut and bolt tightness after first 10 miles.

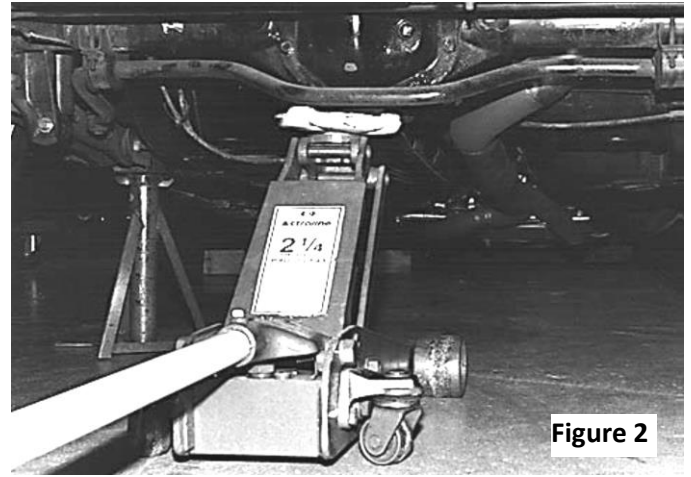


Figure 2

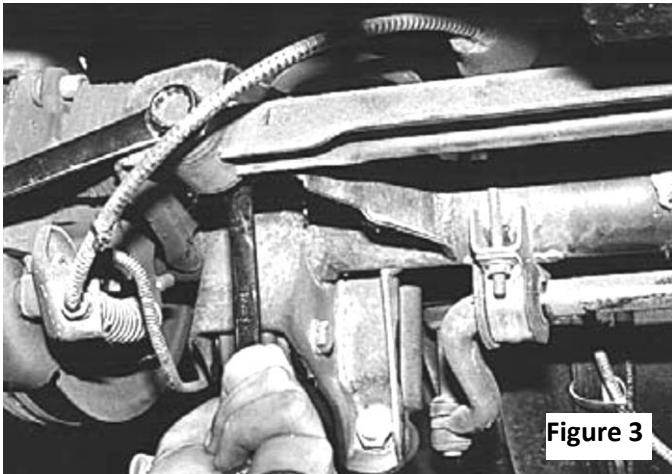


Figure 3

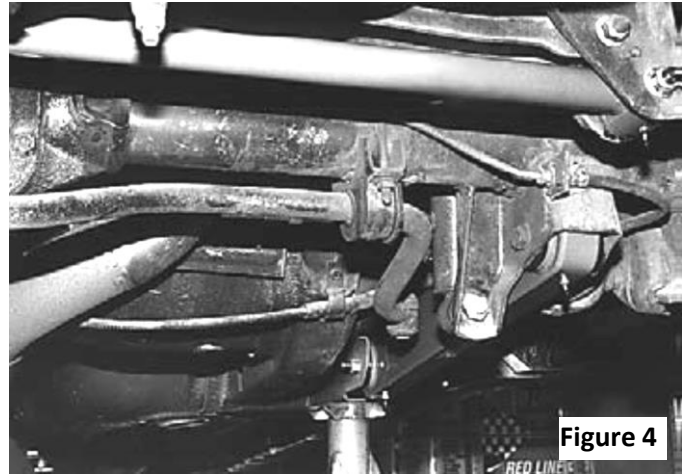


Figure 4

To further upgrade your suspension, use other QA1 suspension products such as coil-overs, shocks, struts, springs, K-members, torque arms, panhard bars, sub-frame connectors, strut tower braces, rod ends, sway bars, tubular control arms, spherical bearings, carbon fiber driveshafts and more. For more information, please visit www.QA1.net.

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

*Our technical support and order lines are open Monday - Friday, 8 am to 5 pm CST.



Facebook.com/QA1Motorsports



Twitter.com/QA1Motorsports



Instagram.com/QA1Motorsports



www.QA1.net/Tech