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INSTALLATION INSTRUCTIONS

QA1 P/N 5204, 5205 Lower Trailing Arms

1982-2002 GM F-Body & 1978-1988 GM A/G body, 1964-1972 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.

• 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, EXPRESSED 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 • 18 mm or ¾" Socket •18 mm or ¾" Wrench •Torque Wrench
- Tire Chocks • Blue Loctite™ •Grease Gun •Lug Wrench

NOTE: QA1 Trailing Arm hardware kits are available - Hardware Kit #5215 fits 5201 & 5204; #5217 fits #5205 (Optional - stock hardware may be re-used if in satisfactory condition).

Removal of Stock Trailing Arms

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 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 car off the jack stands. **Figure 2**

CAUTION – DO NOT REMOVE BOTH TRAILING ARMS AT THE SAME TIME OR THE AXLE WILL ROTATE AND THE TRAILING ARM INSTALLATION WILL BE MUCH MORE DIFFICULT. KEEP THE FLOOR JACK UNDER THE CAR DURING THE COMPLETE REMOVAL AND



INSTALLATION PROCEDURE.

4. If the sway bar mounts to the trailing arms, remove the sway bar at this time. Start with either trailing arm and remove the rear bolt. See **Figure 3**. *Note: Replace the bolts in the same orientation as they were originally installed.*
5. Remove the front trailing arm bolt using a socket with an extension - place the socket through the outer hole in the frame to loosen the nut. See **Figure 4**. *Caution: Be careful not to drop the nut into the frame - if you do, then remove the nut through the large hole on underside of the frame using magnet, etc.*
6. Remove the unbolted trailing arm.
7. If you are having difficulty removing the trailing arm bolts, then remove the lower shock bolts and the rear springs to aid bolt removal.
8. Clean the frame at trailing arm pivot area with a wire brush.



Figure 2

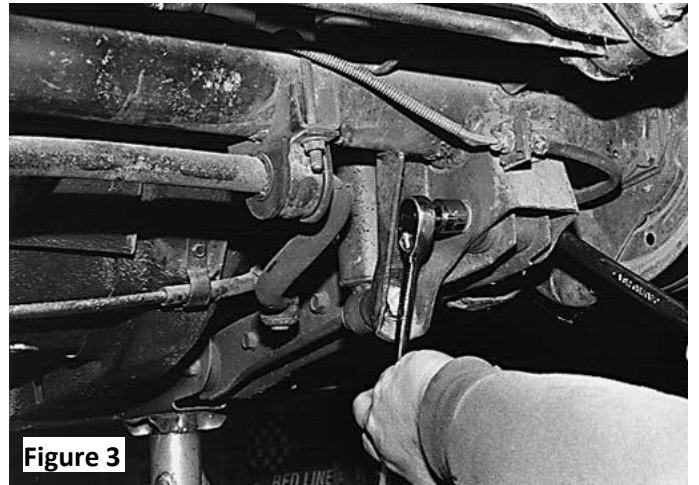


Figure 3

Installation of QA1 Trailing Arms

1. Install the QA1 trailing arms with the grease fittings facing down and with the sway bar bolt holes toward the rear of car.
2. Install the new trailing arm by locating the front bolt first.
3. Place one drop of blue Loctite™ on clean threads and torque the nut to 70 lb. ft.
4. The trailing arm should then pivot smoothly on the chassis.
5. Install the rear bolt. Place one drop of blue Loctite™ on clean threads and torque the nut to 70 lb. ft.
6. Re-install sway bar (if removed).
7. Although QA1 Trailing Arms are pre-lubed, you may want to finish your installation by lubing the front and rear bushings with a grease gun. Be sure to replace the dust caps on the zerk fittings to prevent dirt and corrosion from damaging the fitting. Re-check all nut and bolt tightness after first 10 miles.



Figure 4

To further upgrade your suspension, use other QA1 suspension products such as coil-overs, shocks, struts, springs, K-members, torque arms, panhard rods, 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.