



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

21730 Hanover Ave. Lakeville, MN 55044
www.qa1.net

ASSEMBLY INSTRUCTIONS

QA1 Adjustable Trailing Arm P/N 5253

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
- 18mm socket, wrench, and torque wrench
- Jack stands (4 required)
- Blue Loctite™
- Grease Gun
- Torque wrench

REMOVAL OF STOCK TRAILING ARMS

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

KEEP FLOOR JACK UNDER CAR DURING THE COMPLETE REMOVAL AND INSTALLATION PROCEDURE.

4. Remove bolts retaining trailing arm support bracket. *Note: Two bolts can be reached from the undercar, the third bolt is accessed under rear seat. Rear seat lower cushion is retaining by two clips at the front of the cushion.*
5. Unbolt front trailing arm bolt from support bracket.
6. Clean frame at trailing arm pivot area with wire brush.

INSTALLATION INSTRUCTIONS

QA1 Adjustable Trailing Arms are fully assembled, greased, and ready to install.

1. Install QA1 Adjustable Trailing Arm into trailing arm support bracket using supplied spacers. Spacers have a lip on them that goes into a rod end. Install OEM bolt in the same direction as the factory. Use Blue Loctite™ and torque bolt to 90 ft./lbs.
2. Re-install trailing arm support bracket and trailing arm into the vehicle. Use Blue Loctite™ on threads and torque to 70 ft./lbs.
3. The trailing arm should then pivot smoothly.
4. Pivot trailing arm into position over OE bushing. Install rear bolt in same direction as original.
5. Place one drop of Blue Loctite™ on clean threads and torque the nut to 90ft./lbs.
6. Although QA1 Trailing Arms are pre-lubed, you may want to finish your installation by lubing the front 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.

NOTES:

1. QA1 Adjustable Trailing Arms come pre-adjusted to stock length. Pinion angle can be adjusted by loosening the jam nuts on the arms and turning the aluminum adjuster sleeve in the center of the arm. Both arms should be adjusted evenly. A properly installed and adjusted trailing arm will have the spherical ball straight and parallel with the ball housing. If the ball is twisted in its housing when installed, the arm could fail during suspension articulation. After adjustment has been made, use a drop of Loctite™ on threads at jam nuts.
2. Jam nuts should be checked periodically for tightness.