



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

21730 Hanover Ave.
Lakeville, MN 55044
www.QA1.net

INSTALLATION INSTRUCTIONS

QA1 P/N 52363

2010-Current Chevrolet Camaro Rear Lower Control Arms

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
- Metric Wrench Set
- Metric Socket Set

PRE-INSTALLATION INSTRUCTIONS

1. A four wheel alignment should be performed by a qualified alignment shop after any changes to the suspension system.

DISASSEMBLY INSTRUCTIONS

2. Raise the vehicle and support it with jack stands on a stable surface.
3. Remove the rear wheels from the vehicle.
4. With the rear suspension at full droop, remove the sway bar end links and lower shock bolts from the control arms.
5. Remove the lower control arm outer pivot bolt from the knuckle, noting the direction it is installed.
6. Place an alignment mark on the inner control arm pivot eccentric washer and differential cradle. Remove the inner pivot bolt, noting the direction it is installed. Remove the lower control arm from the car. See Figure 1

INSTALLATION INSTRUCTIONS

1. Install the QA1 lower control arm and inner pivot bolt. Leave the bolts loose until the vehicle weight is on the wheels.
2. Install the lower shock mounting bolt and outer pivot bolt.
3. Re-connect the sway bar end link and torque to 36 lb.-ft.
4. Reinstall the rear wheels.
5. With the car sitting on the ground or on wheel stands, line up the alignment marks on the inner control arm pivot eccentric washers and tighten the inner and outer control arm bolts to the factory specifications.

TORQUE SPECIFICATIONS

Note: GM recommends angle torquing some fasteners also known as torque to yield. Please refer to a GM Service Manual for further explanation.

Lower Control Arm to Knuckle bolt		
	First pass	30 lb.-ft.
	Second pass	angle torque to 120°
Lower Control Arm Inner Pivot Bolt		85 lb.-ft.
Lower Shock Bolt		
	First pass	59 lb.-ft.
	Second Pass	angle torque to 120°

Note: A four wheel alignment should be performed by a qualified alignment shop after any changes to the suspension system.

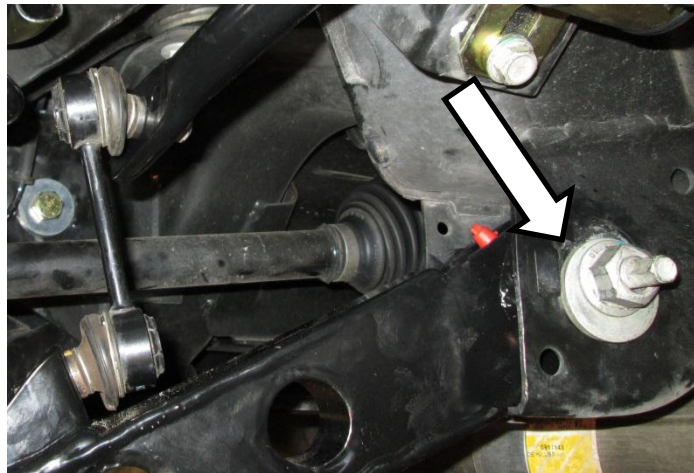


Figure 1

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, etc. For more information, please visit www.QA1.net.