



These instructions can be found in color and expandable at QA1.net

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**INSTALLATION INSTRUCTIONS**

QA1 P/N 52363

2010-2015 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** •

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**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.
2. The lower shocks mounting holes in the QA1 52363 Lower Control Arms are designed to be used with QA1 shocks. If the factory shocks are going to be reused the shock mounting holes in the control arms must be drilled out to 14 mm (9/16").

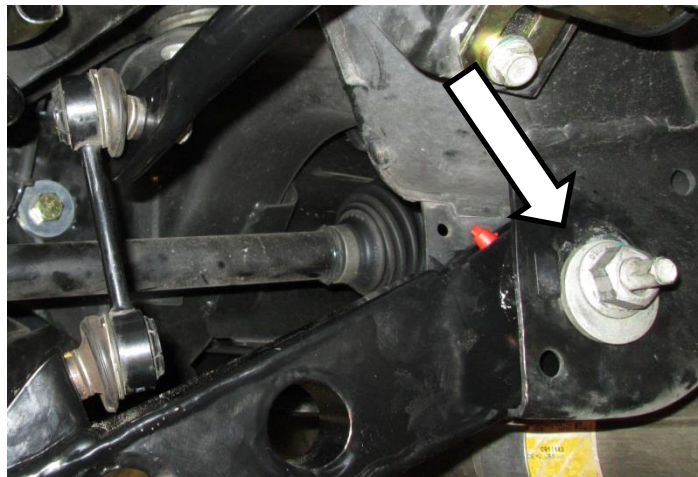
**DISASSEMBLY INSTRUCTIONS**

1. Raise the vehicle and support it with jack stands on a stable surface.
2. Remove the rear wheels from the vehicle.
3. With the rear suspension at full droop, remove the sway bar end links and lower shock bolts from the control arms.
4. Remove the lower control arm outer pivot bolt from the knuckle, noting the direction it is installed.

- 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

- Install the QA1 lower control arm and inner pivot bolt. Leave the bolts loose until the vehicle weight is on the wheels.
- Install the lower shock mounting bolt and outer pivot bolt.
- Re-connect the sway bar end link and torque to 36 lb.-ft.
- Reinstall the rear wheels.
- 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.



**Figure 1**

### TORQUE SPECIFICATIONS

Note: GM recommends angle torqueing 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.**

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