



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

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### **INSTALLATION INSTRUCTIONS**

*QA1 P/N 52813 Front Sway Bar  
2010-2011 Camaro*

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.

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### **TOOLS AND SUPPLIES REQUIRED**

- Floor Jack
- Jack Stands
- Metric Wrench Set
- Ratchet & Metric Socket Set
- Torque Wrench

### **Pre-Installation Notes**

Before disassembly, inspect sway bar end links and other suspension components for wear and replace and necessary.

### **Removal**

1. Raise and support the vehicle with jack stands on a level surface.
2. Remove the right front wheel.
3. Turn the steering wheel to the right until it is at full-lock.
4. Loosen and remove the retaining nut for the left tie rod, then disconnect the tie rod from the spindle.
5. Rotate the left tie rod end so that the taper is pointed down.
6. Remove the sway bar end links from the sway bar. It may be necessary to hold the stud with a wrench while removing the nut.
7. Unbolt the swaybar bushing mounting clamps from the frame.
8. The sway bar can now be removed from the vehicle through careful manipulation and by sliding the sway bar through the right side of the vehicle. It may take a few attempts to slide the bar out of the car.

## Installation

1. Install the QA1 sway bar through the right side wheel opening, the same way the OEM bar was removed. Once the QA1 sway bar is in where the left end of the bar must be rotated up and over the subframe, twist the bar so that the sway bar is on top of the steering tie rod and continue pushing the sway bar all the way into place. Now with care, rotate and position the left tie rod end over the sway bar. This step may take a few attempts to accomplish, be patient and take your time.
2. Apply the supplied grease liberally on the supplied sway bar bushings. Install the bushings on the sway bar then using the clamps from the kit, mount the sway bar to the frame. **Figure 1.**
3. Straighten the steering wheel to the center position.
4. Rotate the left tie rod end so the taper is pointing up and reconnect it to the left spindle. Torque the nut to the OEM specifications.
5. Attach the lower sway bar link to the QA1 sway bar and tighten to OEM specification. The QA1 sway bar has three end link mounting locations. Install the end links in the rear most hole for a softer sway bar or the front most hole for a stiffer sway bar. See **Figure 2**
6. Replace the right front wheel and torque the lug nuts to the OEM specifications.
7. Lower the vehicle and check for any binding or interference between suspension, brake components, end-link assemblies and QA1 sway bar.
8. Test drive the vehicle, listening for noises. Retorque all hardware after test drive.



Figure 1



Figure 2

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](http://www.QA1.net).

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