



# Installation Instructions

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Part # PED-429005-20

Rear Sway Bar GTO

### **Disclaimer:**

In order to install Pedders Suspension components safely, general mechanical knowledge is required. It is suggested that only a trained mechanic perform the installation of this product. If you are not qualified and choose to perform the installation yourself, please be sure to follow all safety precautions and utilize the manufacturer's repair manual as a guide for procedures and torque values.

**Caution:** When fitting adjustable sway bars always start with the softest setting and is strongly advised that you drive cautiously while you evaluate the new vehicle dynamics.

- All safety measures should be taken, secure vehicle on a lift or jackstands, chock any wheels remaining on the ground and take care with any hot components.
  - Always use new hardware when provided or specified by the manufacturer.
  - Tighten all fittings with the vehicle on the ground at ride height.
  - If the removal of suspension components is required, we suggest marking any suspension components as this will aid in reassembly to approximate previous wheel alignment settings. Wheel alignment settings may have changed. Check front and rear alignment after installation.
  - Re-check all torque values after a period of 50-200 miles after installation.
  - It is recommended that you inspect the Pedders Suspension components periodically to ensure long term performance.
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### **Parts List**

Description	Quantity
20mm Sway Bar	1
Bushings	2
Lube	1

1. Park vehicle on a smooth, level, asphalt or concrete surface. Block front wheels. Jack up rear end of car and support frame with jackstands.
2. Support the rear differential under the center with a floor jack and remove the 4 bolts that attach it to the chassis.
3. Slowly lower the floor jack and let the differential down away from the chassis. Allow enough clearance to remove the sway bar from the chassis.
4. Remove the end links from the rear sway bar.

5. Next, remove the bolt from the bushing brackets. These are ‘hook tab’ brackets and are secured by a tab into the chassis and a bolt.
6. Remove the sway bar from the vehicle.
7. Install the PEDDERS rear sway bar in the same orientation as the OEM sway bar. Liberally grease the inner bore of the new polyurethane bushes with lubricant provided, and place the bushings over the new PEDDERS sway bar in the same location as the OE configuration. Install the OE fasteners and brackets. Torque to 32 ft/lbs. Attach end links to the sway bar. Torque to 32 ft/lbs. **See note about settings.**

**IMPORTANT NOTE ABOUT ADJUSTABLE SETTINGS:**

We strongly suggest that your technician initially sets the end links in the softest setting. The softest setting will be the setting with the end links closest to the end or tip of the sway bar, furthest from the mounting bushings.

After installing the sway bar, we suggest that you drive the car carefully and within your abilities, noticing the changes in the handling characteristics. If driving in poor weather, exercise additional care during cornering and braking until you are familiar with the handling.

If you chose to use the firmer settings, again remember to drive the vehicle carefully, and take note of the changes you have made to the suspension. You will notice a handling difference with each sway bar setting.

8. Raise the floor jack, and fasten the differential mounts to the chassis. Torque fasteners to OE specifications. Lower rear of the car onto the ground, and roll car back and forth to settle the suspension.
9. Installation is complete. Check assembly periodically for tightness.

**Torque Check**

Hardware	Torque
End link nut	32 ft/lbs
Bushing bracket hardware	32 ft/lbs