



INSTALLATION INSTRUCTIONS

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51194 REAR ANTI-SWAY BAR 2000-UP MITSUBISHI ECLIPSE

Congratulations! You were selective enough to choose a SUSPENSION TECHNIQUES PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.

- Note:** Confirm that all of the hardware listed in the parts list is in the kit. Do not begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.
- Warning:** Do not work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.
- Warning:** Do not drive vehicle until all work has been completed and checked. Torque all hardware to values specified.
- Reminder:** Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!
- Note:** It is very helpful to have an assistant available during installation.

RECOMMENDED TOOLS:

- Minimum of a 2 Ton rated Floor Jack and Jack Stands
- Blocks or Wheel Chocks
- Combination Wrench- 11/16", 5/8", 17mm
- Torque Wrench- 10-75 ft. lb. range
- Ratcheting Socket Wrench with Shallow or Deep Sockets- 14mm, 17mm
- Socket Head Hex Wrench (Allen™ wrenches)- 8mm
- Rags and Cleaning Solvent

KIT INSTALLATION

1. Open the hardware kit and remove all the contents. Refer to the part list (Page 3) and Photo #1 to verify all parts are present.
2. Park the vehicle on a smooth, level concrete/ asphalt surface and put the vehicle in gear or park. Place a block in front of and behind the FRONT wheels. Jack up the rear of the vehicle and place jack stands in the factory specified locations. Refer to the vehicle Owner's Manual.
3. Remove the original rear anti-sway bar. Do not detach the end links from the lower control arms. They will be used with the Suspension Techniques anti-sway bar. The original bushings and brackets will replace but the (4) 10mm Hex Head Cap Screws (HHCS) will also be re-used for the installation. Use solvent and a rag to clean the mounting areas.

4. Hold the new Suspension Techniques anti-sway bar up to the vehicle to confirm its position. It is shaped slightly different than the original bar and it will ease the installation to note its position prior to proceeding further.
 5. Thoroughly lubricate the **inside** of the new Polyurethane bushings with the provided grease. Place the bushings on the Suspension Techniques anti-sway bar in the same position as the original anti-sway bar and bushings.
 6. Position the end links to the hole closest to the end of the anti-sway bar and install the original hex nuts (Photo #3 and #4). This is the “soft” setting and should be used for the first test drive of the vehicle. Moving the end links back to the second hole creates an increase in the anti-sway bar rate. This step is shown in Photo #5. Torque the 10mm nuts to 29ft. lbs. This must be done with great care and an understanding of car control at varying speeds. Always test-drive the vehicle after each change.
 7. With the original HHCS and additional 10mm washers easily accessible, hold the anti-sway bar in position and place the new bushing brackets over the urethane pivot bushings (Photo #6 and #7). Align the bracket with the sub frame holes.
 8. Loosely thread in the original 10mm HHCS with the additional 10mm washers (PN# 110206) supplied in your kit as shown in Photo #8. The upper 10mm HHCS on the driver side is a tight fit due to the muffler location. A shallow 14mm socket and ratcheting wrench are recommended for installing this HHCS (Photo #9).
 9. Tighten the 10mm HHCS with the shallow 14mm socket a ratcheting wrench (Photo #10). Use a torque wrench to complete the installation of the HHCS. Tighten each HHCS to 33 ft. lbs.
- Note:** All hardware being fastened to the vehicle’s original fastening points should be torqued to the Manufacturer’s specifications. Never over-torque the hardware.
9. The pivot bushing brackets have slotted holes to allow for some vertical adjustment, allowing the anti-sway bar to be positioned without interference from the exhaust pipe or other components. Once the vehicle has been put back on the ground, check all the clearances and adjust the bar if need be and re-torque all the hardware.
 10. Installation is complete (Photo #11). Check all the hardware for proper torque and test-drive the vehicle. If the rear wheels were removed, be sure to torque the lug nuts to the Manufacturer’s specifications.
 10. Check all of the fasteners at intervals after 10, 100, and 1000 miles.

PART LIST FOR 51194 REAR ANTI-SWAY BAR HARDWARE KIT

PART #	PART DESCRIPTION	QTY
114030	Pivot Bushing Bracket	2
113040	Urethane Pivot Bushing	2
110206	10mm Flat Washer	4
55000-10	Grease Pack	1
51194-300	REAR ANTI SWAYBAR	1



