



## INSTALLATION INSTRUCTIONS

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### 50156 FRONT ANTI SWAY BAR 2002 ACURA RSX

**Thank you for being selective enough to choose our high quality SUSPENSION TECHNIQUES PRODUCT. We have spent many hours developing out 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:

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench:
- Ratcheting socket wrench and sockets: 14mm / 6mm Allen head
- Safety Glasses

**Note: It is very helpful to have an assistant available during installation.**

**SAFETY REMINDER: PROPER USE OF SAFETY EQUIPMENT AND EYE/FACE/HAND PROTECTION IS ABSOLUTELY NECESSARY WHEN USING THESE TOOLS TO PERFORM PROCEDURES!**

#### KIT INSTALLATION

1. Open the hardware kit and remove all of the contents. Refer to the part list (Page 3) to verify that all parts are present.
2. Park the vehicle on a smooth, level concrete or seasoned asphalt surface and activate the parking brake. Block the FRONT wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1<sup>st</sup> gear (manual) or "Park" (automatic).
3. Using a properly rated floor jack, lift the rear wheels of the vehicle off the ground. Place support stands, rated for the vehicle's weight, and in the factory specified locations. Refer to the vehicle Owner's Manual. Prior to lowering the vehicle onto the stands, make sure the supports will securely contact the chassis.
4. It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage! Make sure that the supports stands are properly placed prior to

performing the following procedures. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

5. Slowly lower the vehicle onto the stands and, before placing the vehicle's entire weight on them, again check that they properly and securely contact the chassis as described above. Check for possible interference with any lines, wires, cables, or other easily damaged components.
6. Note the installed position of the original front Anti-Sway Bar and all of its related hardware.
7. The catalytic converter must be removed to replace the front Anti-Sway Bar. Remove the rubber exhaust mount located at the front end of the catalytic converter. (Using WD-40 will help slide it off). Detach O2 sensor wires. (Photo 1). Use a ratcheting socket wrench and a 10mm socket to remove the O2 sensor wire mount (Photo 2).
8. Detach the backside of the catalytic converter by removing the 3 nuts bolting it to the exhaust pipe with a ratcheting socket wrench and 14mm socket. (Use WD-40 to help loosen the nuts) (Photo 3). Remove the 2 bolts connecting the catalytic converter to the exhaust manifold by using a ratcheting socket wrench and a 12mm socket. (Photo 4). Be careful not to damage the inside of the catalytic converter when removing it.
9. Remove the original Anti-Sway Bar by detaching the end-link hardware from the Anti-Sway Bar ends. (Photo 5) using a 5mm Allen wrench and 14mm open end wrench. Use a ratcheting socket wrench with a 14mm socket to remove the pivot bushing brackets (Photo 6). Clean the mounting surface of the front suspension.
10. Thoroughly lubricate the **inside** of the new polyurethane bushings using the lubricant provided (Photo 7). Locate the bushings on the *Suspension Techniques* Anti-Sway Bar so that they align with the mounting locations. Rotate the bushing slightly too evenly spread the lubricant.  
  
\* WD-40 is recommended to help remove the excess lubricant.
11. Hold the new *Suspension Techniques* Anti-Sway Bar up to the vehicle to confirm its orientation. The Anti-Sway Bar is a direct replacement part and should be oriented similar to the original part.
12. Position your new *Suspension Techniques* Anti-Sway Bar on the vehicle in the original location and secure it with the OEM pivot bushing brackets (Photo 8). RE-attach the end links (Photo 9).
13. Before tightening the pivot bushing and end-link hardware, align the Anti-Sway Bar so it's centered. Tighten and torque the mounting and end-link hardware to 18 lb ft.
14. All hardware being fastened to the vehicle's original fastening points should be torqued to the proper specifications. To prevent chassis damage, never over-torque the hardware.
15. Re-attach the catalytic converter (refer to step 5 & 6). Plug in O2 sensor wiring.
16. All hardware being fastened to the vehicle's original fastening points should be torqued to the proper specifications. To prevent chassis damage, never over-torque the hardware.
17. Attach the stock end links to the new Anti-Sway Bar, tighten end link to 20ft. lbs.
18. Check that all components and fasteners have been properly installed, tightened and torqued.

19. Check brake hoses, and other components for any possible interference.
20. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
21. Immediately test-drive the vehicle in a remote location so that you can become accustomed to the revised driving characteristics and handling. Be aware that the vehicle will handle substantially different now that it has been modified.
22. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.
23. We highly recommend installing the appropriate matching *Suspension Techniques* front Anti-Sway Bar to maintain proper handling characteristics and performance. See the current *Suspension Techniques Application Guide* or contact you nearest *Suspension Techniques Dealer* for the appropriate part number for your application.

### PART LIST FOR ANTI-SWAY BAR KIT

Part Number	Quantity	Description
50156-300	1	Front ASB
50154-020	2	Urethane Pivot Bushing
55000-10	1	Grease Pack



