



INSTALLATION INSTRUCTIONS

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51126 REAR ANTI-SWAY BAR 2005 NISSAN 350Z

CONGRATULATIONS!

You were selective enough to choose a **SUSPENSION TECHNIQUE 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 this 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 the 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 the installation process.

Note: We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

RECOMMENDED TOOLS:

- Blocks and Wheel chocks
- Ratcheting Socket Wrench
- Safety Glasses
- Properly rated floor jacks and support stands
- Combination Wrench
- Torque wrench: 0-75 lb ft. range

1 KIT INSTALLATION

- 1a.** Open the hardware kit and remove all of the contents. Refer to the parts list (Page 4) to verify that all parts are present.
- 1b.** Park the vehicle on a smooth, level concrete or seasoned asphalt surface and activate the parking brake.
- 1c.** Using a properly rated floor jack, lift 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.
- 1d.** It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage. Make sure that the support stands are properly placed prior to performing the following procedures. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

- 1e. 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.

2. REAR GUARD COVER REMOVAL

- 2a. In order to get to all necessary mounting locations for the rear Anti-Sway Bar, the guard covers, one on each side will have to be removed. Each mount on the guard covers, one mounting bolt and two mounting nuts attaches to the chassis (Photo 1). Using a 10mm wrench, remove the mounting hardware completely. Remove the guard cover completely.

3. EXHAUST SYSTEM MOUNTING BRACKETS REMOVAL

There are three areas of the exhaust system that will need to be un-bolted. This is necessary to be able to install the new Anti-Sway Bar.

- 3a. Remove the cover next to the exhaust pipe corner on the drivers side (Photo 2).
- 3b. Using a 13mm wrench, un-bolt the first of two brackets that supports the exhaust system (Photo 3). This one is shown near the tailpipe area.
- 3c. Using a 13mm wrench, un-bolt the second of two brackets that supports the exhaust system (Photo 4). This one is shown on the exhaust pipe area.
- 3d. Using 13mm wrench, un-bolt the rubber mount for the exhaust system (Photo 5).

4. END LINK REMOVAL

Locate the end links and un-bolt the original equipment Anti-Sway Bar.

- 4a. Using a 14mm wrench, un-bolt the end links from the original equipment Anti-Sway Bar and move them out from their mount positions (Photo 6).

5. BUSHING BRACKET REMOVAL

Locate the bushing brackets and completely remove all hardware.

- 5a. Using a 14mm wrench, remove the hardware that mounts the bushing/bushing bracket to the chassis (Photo 7).
- 5b. Once all the hardware has been removed, let the original equipment Anti-Sway Bar rest across the top of the exhaust system.
- 5c. Slightly pull down on the exhaust system, giving yourself more room to maneuver the original equipment Anti-Sway Bar out of the factory location.

6. INSTALLING THE NEW ANTI-SWAY BAR

- 6a.** Feed the new Anti-Sway Bar into the original equipment position, up and over the exhaust system.
- 6b.** Attach the end links to the new Anti-Sway Bar and finger-tight the mounting hardware (Photo 8).

7. RE-INSTALLING THE O.E.M BUSHING / O.E.M. BUSHING BRACKETS

- 7a.** Install the O.E.M. bushings onto the new Anti-Sway Bar, next to the bushing stop that is welded onto the new Anti-Sway Bar (Photo 9). The O.E.M. bushing should be located nearest the rear tire on the Anti-Sway Bar, up flush against the stop.
- 7b.** Install the O.E.M bushing brackets onto the O.E.M bushings.
- 7c.** Re-insert the mounting hardware and tighten to torque specs (Photo 10).

8. END LINKS ATTACHMENT

- 8a.** Using a 14mm wrench, torque spec the end links (Photo 11).

9. RE-ATTACHING THE EXHAUST SYSTEM

- 9a.** Begin going back to all mounts that were removed on the exhaust system. Mount all brackets and torque to specs all mounting hardware (Photo 12, 13, 14)

10. FINALIZING THE INSTALLATION

10a. Tighten the bushing bracket and tighten to torque specs.

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.

10b. Check that all components and fasteners have been properly installed, tightened and torqued.

10c. Check brake hoses and other components for any possible interference.

10d. Lift the vehicle and remove the support stands. Carefully lower the vehicle to the ground.

10e. 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.

10f. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

PARTS LIST

PART NO.	DESCRIPTION	QTY
51126-300	REAR ANTI-SWAY BAR	1



PHOTO 1

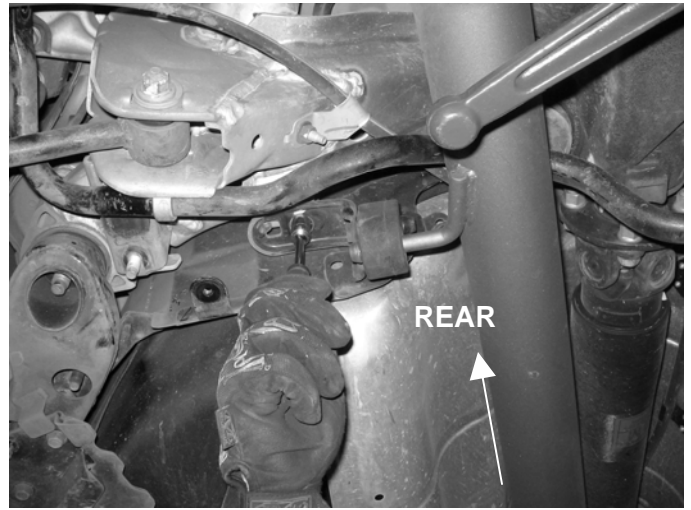


PHOTO 4



PHOTO 2

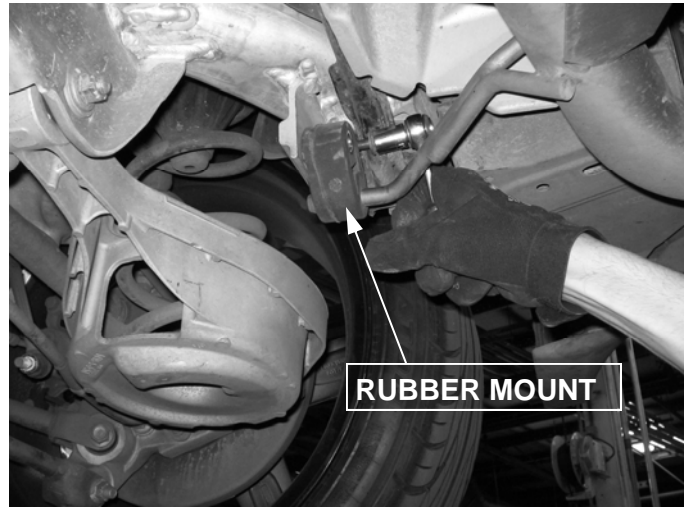


PHOTO 5

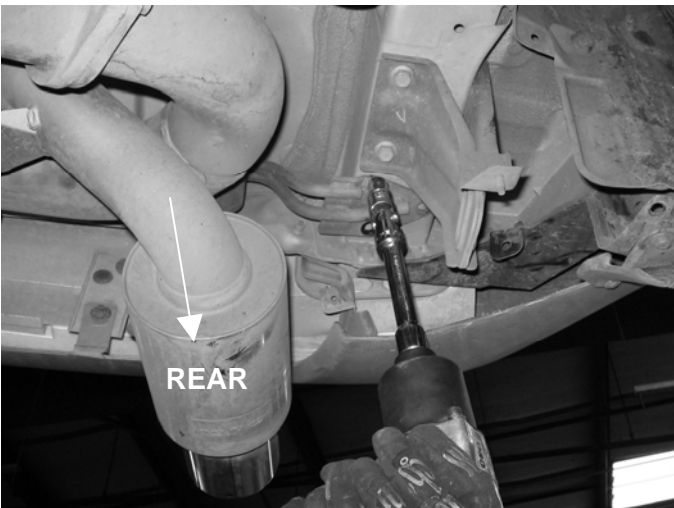


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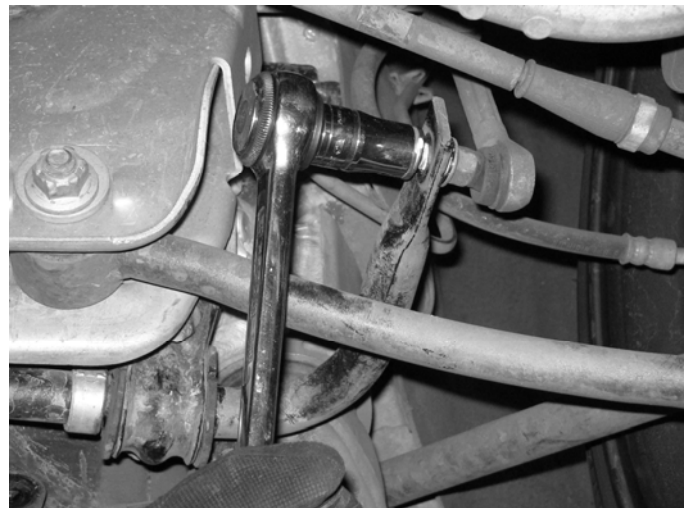


PHOTO 6

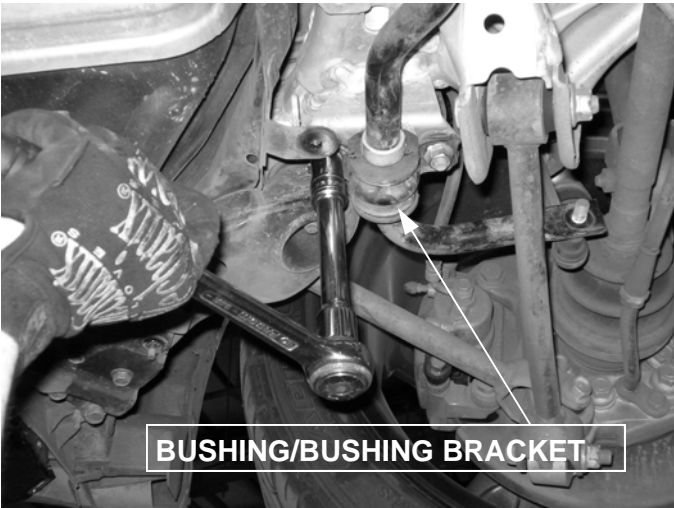


PHOTO 7



PHOTO 10

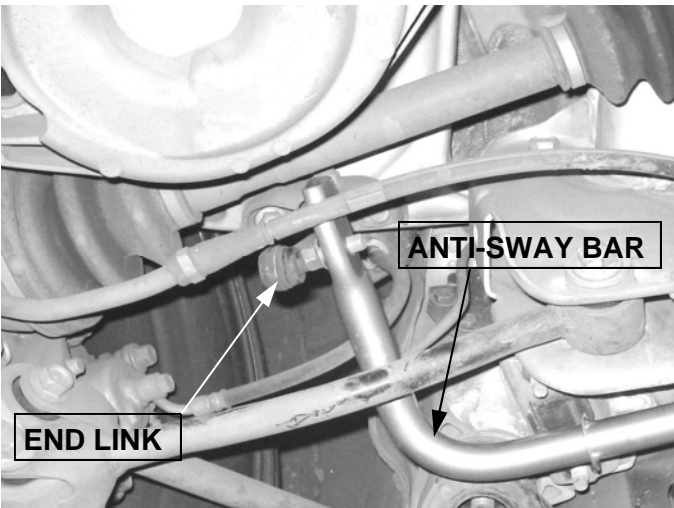


PHOTO 8

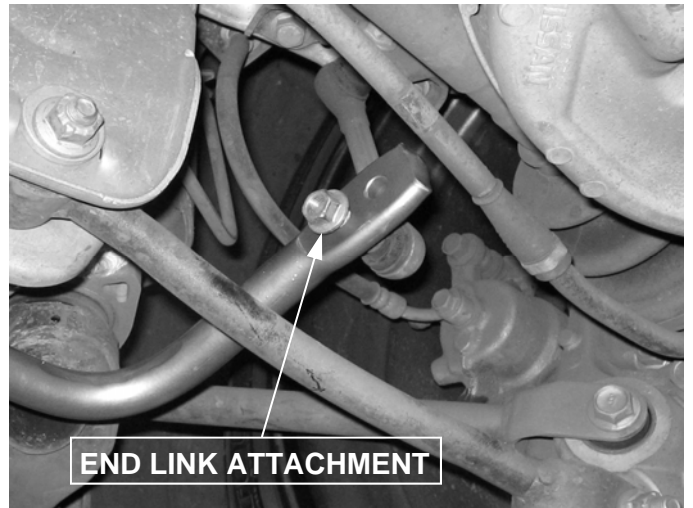


PHOTO 11



PHOTO 9



PHOTO 12



PHOTO 13

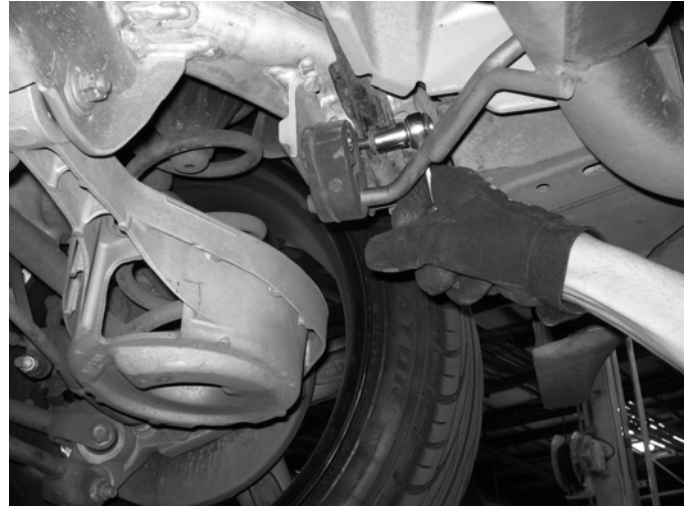


PHOTO 14