



INSTALLATION INSTRUCTIONS

50126
FRONT ANTI-SWAY BAR
03-UP 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 3) 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. REMOVING THE FRONT SPLASH GUARDS

- 2a. Locate the large front splash guard underneath the engine (Photo 1). Using a 10mm wrench, remove all mounting screws and remove the splash guard completely (Photo 2).
- 2b. Also, remove the mount clips attaching the front side splash guards (Photo 3).

3. END LINK REMOVAL

- 3a. Locate the end links where they attach to the original equipment Anti-Sway Bar (Photo 4,5). Using a 17mm wrench or an air ratchet with a 17mm socket head, remove the mounting nuts only.
- 3b. Un-bolt the base mount of the end link (Photo 5), removing the end link completely from the chassis.
- 3c. For this particular application, on the end of the end link that attaches to the Anti-Sway Bar, a washer with a 90° leg is on it. This keeps the stud from spinning while tightening the mounting nut. For this application, with the use of the new Anti-Sway Bar, the leg will need to be bent slightly downward to allow it to mount to the new Anti-Sway Bar (Photo 6).

4. BUSHING / BRACKET BUSHING REMOVAL

- 4a. Locate the two bracket bushings (Photo 7). This photo shows the passenger side bracket bushing. On these particular brackets, there are four mounting hardware each one, that attaches the bracket to the chassis. This photo shows the drivers side bracket bushing (Photo 8). Using a 14mm wrench or an air ratchet with a 14mm socket head, remove all mounting hardware mounting the bracket bushings.
- 4b. Remove the original equipment Anti-Sway Bar from its original location and place on the ground.

5. RE-INSTALLING THE O.E.M. BUSHING / O.E.M BRACKET BUSHINGS

- 5a. With the original equipment Anti-Sway Bar laying on the ground, remove the O.E.M bushings and O.E.M bushing brackets
- 5b. Locate the O.E.M bushings on the new Anti-Sway Bar, in the same areas as they were located on the O.E.M Anti-Sway Bar.
- 5c. Install the O.E.M. bushing brackets onto the O.E.M bushings.

6. INSTALLING THE O.E.M END LINKS

6a. Install back to their original positions the original equipment end links (Photo 9).

7. INSTALLING THE NEW ANTI-SWAY BAR

7a. Holding the new Anti-Sway Bar up in position, mount the ends of the new Anti-Sway Bar onto the O.E.M. end links. Finger-tight the hardware only at this time.

7b. Once you have the ends mounted, swing the new Anti-Sway Bar upward, moving the O.E.M bushing brackets to their respective mount holes (Photo 10). Insert the mounting hardware and finger-tight only.

7c. Using a 14mm wrench or an air ratchet with a 14mm socket head, torque the mounting hardware to the manufacturer's specs (Photo 11).

7d. Torque all end links to the manufacturer's specs.

8. RE-INSERTING ALL SPLASH GUARDS

8a. Using steps 2a and 2b in reverse order, install all splash guards previously removed.

9. FINALIZING THE INSTALLATION

9a. Tighten the bushing bracket and tighten to 18ft-lbs.

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.

9b. Check that all components and fasteners have been properly installed, tightened and torqued.

9c. Check brake hoses and other components for any possible interference.

9d. Lift the vehicle and remove the support stands. Carefully lower the vehicle to the ground.

9e. 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.

9f. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

PART LISTS FOR ANTI-SWAY BAR KIT

50126-300	FRONT ANTI-SWAY BAR	1
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PHOTO 1

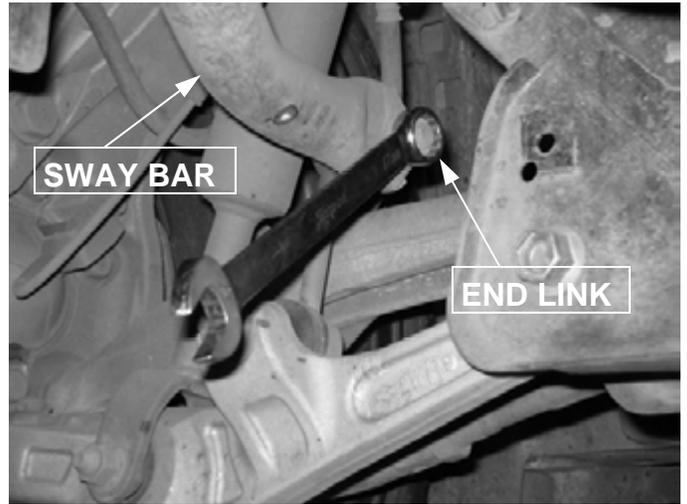


PHOTO 4



PHOTO 2

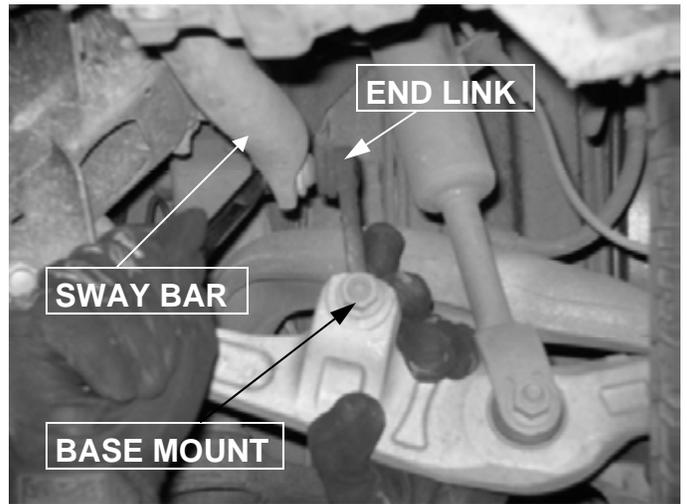


PHOTO 5



PHOTO 3

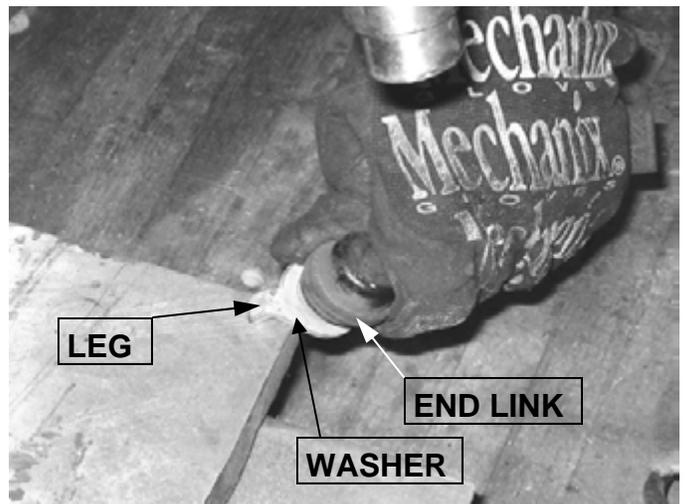


PHOTO 6



PHOTO 7



PHOTO 10



PHOTO 8



PHOTO 11



PHOTO 9