



INSTALLATION INSTRUCTIONS

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50005 FRONT ANTI-SWAYBAR 79-83 BMW 320i

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:
- Safety Glasses

KIT INSTALLATION

1. Open the hardware kit and remove all of the contents. Refer to the part list (Page 2) 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 REAR wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1st gear (manual) or "Park" (automatic).
3. Using a properly rated floor jack, lift the front 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. Remove the two large nuts on each side of the Anti-Sway Bar (ASB). Remove the two bushing brackets from the center of it as well. Remove the Anti-Sway Bar from the vehicle and note assembly sequence of the bushings and washers at each end.
7. Thoroughly lubricate the **inside** of your new hyper thane bushings using a high grade lithium or silicone based grease with molybdenum disulfide (moly). Place the bushings on the new Anti-Sway Bar (ASB). Refer to the original equipment Anti-Sway Bar (ASB) as to the proper bushing location.
8. Remove all the hardware from both ends of the original equipment Anti-Sway Bar. Use the nylock nut provided in the kit and the original equipment bushings and washers to loosely fasten your new Suspension Techniques Anti-Sway Bar to the lower control arm and the passenger side of the vehicle.
9. Insert the other end of the Anti-Sway Bar (ASB) into the lower control arm on the driver's side of the vehicle. Assemble the end as you did in (Step 4). Raising the control arms to a parallel position with floor jacks may be necessary to complete this step. However, be very careful not to lift the vehicle off the jack stands.
10. Install the original equipment bushing brackets over the center bushings and use the original equipment nuts and washers to secure the bushing bracket. Tighten the assembly to approximately 18-22 ft/lbs. Push the wheel hub assemblies forward and back to align the bushing bracket holes with the holes in the chassis. Check that all components and fasteners have been properly installed, tightened and torqued.
11. Check brake hoses, steering and other components for any possible interference.
12. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
13. 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.
14. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

PARTS LIST FOR ANTI-SWAY BAR KIT

PART No.	DESCRIPTION	QTY.
50005-300	Front ASB	1
110505	Ny-Lock Nut 5/8"-18	2
113045	Pivot Bushing	2
55000-10	Grease Pack	1

