



INSTALLATION INSTRUCTIONS

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51090 REAR ANTI-SWAY BAR 68-73 DATSUN

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:

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Ratcheting socket wrench and socket sets
- Safety Glasses

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 1st 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. Remove the nuts at the bottom of the bump stops located in side each coil spring. Fasten the U brackets provided in the kit to the bump stop shaft. Place two large flat washers between the U-

bracket and the spring perch (refer to the diagram). Use a 3/8" lock nut and the original equipment nut to secure the assembly in place. Make sure the legs of the U-bracket parallel with the vehicle and tighten the nut to 18 ft/lbs of torque.

7. Thoroughly lubricate the **inside** of your new hyper thane bushings using high-grade lithium or silicone-based grease with molybdenum disulfide (moly). Place the bushings onto the new Anti-Sway Bar approximately 1/2" from the bends.
8. Determine the proper mounting position of the Anti-Sway Bar by placing it on a flat surface and have the center portion touching the surface and the arms pointing towards the rear of the vehicle.
9. Assemble the spherical bearings to their shortest lengths as shown in the diagram. Secure this assembly to the U-brackets with the 1-3/4" bolts, 3/16" spacers, washers, and nylock nuts provided in the hardware kit. Tighten to 18 ft/lbs of torque.
10. Fasten the other end of the spherical bearing to the outside of the Anti-Sway Bar in the center hole with the 2" bolts, 3/16" spacers, washers, and nylock nuts provided in the hardware kit. Tighten to 18 ft/lbs of torque.
11. Swing the center portion of the Anti-Sway Bar up to the sub-frame and secure it with the remaining hardware. Refer to the diagram as to the proper assembly sequence. Tighten the nuts to 14 ft/lbs of torque.
12. Check that all components and fasteners have been properly installed, tightened and torqued.
13. Check brake hoses, steering and other components for any possible interference.
14. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
15. 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.
16. 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.
51090-300	Rear ASB	1
113195	Pivot Bushing 3/4"	2
114041	U-Bracket 3/4"	2
110255	3/8"-16 Ny Lock Nut	8
114038	Under Support Plate	4
112100	3/8"-16 x 1-3/4" HHCS	2
112102	3/8"-16 x 2.0" HHCS	2
112122	3/8"-16 x 4-1/2" HHCS	4
110625	3/8" SAE Flat Washer	10
112518	3/8" USS Flat Washer	4
112516	3/8" Split Lock Washer	2
114032	Bushings Bracket	2
112242	Female Spherical Bearing 3/8"-24	2
112244	Male Spherical Bearing 3/8"-24	2
112316	3/8"-24 Jam Nut	2
112412	Spacer Tube	8
55000-10	Grease Pack	1

INSTALLATION

Make sure a maximum of 1/32" to 1/16" of the bushing showing when you install it into the bracket. See the diagram below. If the bushing is showing more than 1/16" then use a belt sander or a sheet of coarse grit sand paper to shave it down to the proper height. In most applications you may refer to your original equipment anti-swaybar to locate the proper place the new bushing belongs on your new Anti-swaybar.

