



INSTALLATION INSTRUCTIONS

300 W. Pontiac Way Clovis, CA 93612 toll free: 1-800-595-7016 web: www.stsuspensions.com

50006 FRONT ANTI-SWAY BAR 2000-UP PT CRUISER

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:

- Proper weight rated Floor Jack, Support Stands, and Wheel Chocks
- Ratcheting Socket Wrench with Metric Sockets- 13, 15mm
- Pliers
- Torque Wrench: *0-75 lb ft. range*
- Safety Glasses, Rags, and Cleaning Solvent

KIT INSTALLATION

1. Open the Hardware Kit and remove 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, 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 chassis damage and personal injury! 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.
4. 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. Remove the front wheels.

5. Note the installed position of the original front Anti-Sway Bar (ASB) and all of its related hardware. Remove the original Anti-Sway Bar (ASB) by removing the pivot bushing brackets (Photo 1) and end-link hardware (Photo 2), and clean the mounting surfaces on the front suspension. The original pivot bushing brackets and end-link hardware will be reused. Hold the new Suspension Techniques Anti-Sway Bar (ASB) up to the vehicle to confirm its orientation. The Anti-Sway Bar (ASB) is a direct replacement part and should be oriented similar to the original part.
6. Thoroughly lubricate the **inside** of the new polyurethane bushings using the lubricant provided. Locate the bushings on the Suspension Techniques Anti-Sway Bar so that they will align with the mounting locations. Rotate the bushings slightly too evenly spread the lubricant. !
WD-40™ is recommended to help remove excess lubricant.
7. Position your new Suspension Techniques Anti-Sway Bar on the vehicle in the original location and secure it with the pivot bushing brackets (Photo 3) and OEM end-link (Photo 4) hardware.
8. Before tightening the pivot bushing and end-link hardware, align the Anti-Sway Bar (ASB) so it's centered. Tighten and torque the mounting and end-link hardware to 30 lb ft. 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.
9. Check that all components and fasteners have been properly installed, tightened and torqued to 30 lb ft.
10. Re-install the front wheels and tighten and torque the lug nuts to the Manufacturer's specifications.
11. 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.
12. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

PARTS LIST FOR 50006

ANTI-SWAY BAR KIT

PART #	DESCRIPTION	QTY
50006-300	Front Anti-sway Bar	1
113274	Urethane Pivot Bushing	2
55000-10	Grease Pack	1



