



## INSTALLATION INSTRUCTIONS

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### 51200 REAR ANTI-SWAY BAR 1990-1999 TOYOTA CELICA

**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.

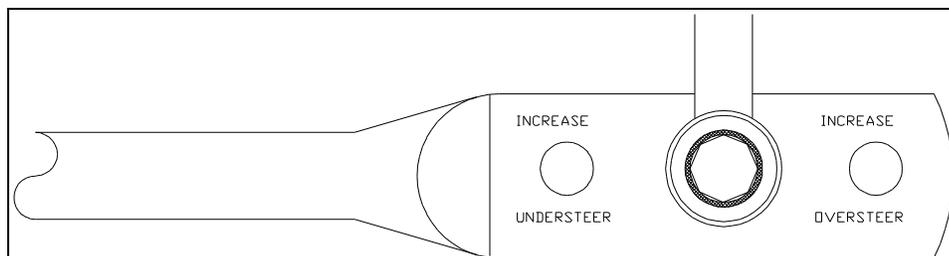
#### RECOMMENDED TOOLS:

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench 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 1<sup>st</sup> 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 passenger side rear wheel. Using a 14mm wrench or socket, remove the two bolts that attach the muffler to the exhaust system at the flange. Remove muffler from vehicle by sliding the rubber hangers off. It is helpful to use a spray lubricant to make this procedure easier.
7. Using a 14mm socket, remove the bolt that fastens the right (passenger side) fuel tank strap to the uni-body. Carefully flex the strap down and away from the tank to allow clearance for the removal of the rear Sway Bar.
8. Using a jack, slowly raise the right rear suspension (hub assembly) just enough to allow the removal of the large bolt that fastens the trailing links to the wheel hub assembly. Use a 19mm socket and a 19mm wrench. (Trailing links are the two rods with bushings on each end that attach the hub assembly to the rear sub frame from center towards the right rear wheel.)
9. Some adjustment of the jack may be necessary to allow the removal of the long bolt from the assembly. Once removed, pull the trailing links down out of the way. Again, some movement of the rear suspension may be required to allow the linkage to be pulled down.
10. Remove the hardware and brackets that attach the rear Sway Bar to the car. The original end links will be used on the new Suspension Techniques Anti-Sway Bar. Remove the nuts that fasten the end links to the original Sway Bar. Carefully slide and twist the Sway Bar out to the right side of the car. This requires gradually lowering the right end of the Sway Bar as you slide it out of its original location. Be cautious of the fuel filler and vent lines as you do this procedure.
11. Thoroughly lubricate the **inside** of your new urethane bushings using the lubricant provided. Place the bushings on the new Anti-Sway Bar. Refer to the original equipment Anti-Sway Bar as to the proper bushing location.
12. To install the new Sway Bar, pivot bushings and brackets; follow the instructions in reverse order. Use the new bolts and washers to fasten the pivot bushing brackets to the vehicle. It is **recommended** that the original end links be positioned in the hole closest to the ends of the Sway Bar before the first test drive. This is the softest setting.
13. Check all hardware for proper torque. It is recommended that the alignment of vehicle be checked after installation is complete.



14. Check that all components and fasteners have been properly installed, tightened and torqued.
15. Check brake hoses, steering and other components for any possible interference.
16. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
17. 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.

18. 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.
51200-300	Rear ASB	1
113040	PIVOT BUSHING 7/8"	2
114030	PIVOT BUSHING BRACKET	2
110635	8MM METRIC FLAT WASHER	4
112282	8mm- 1.25 NYLOCK NUT	4
55000-10	Grease Pack	1
112004	HHCS 8MM 1.25 X 25MM	4

#### 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.

