INSTALLATION INSTRUCTIONS

51212
REAR ANTI-SWAY BAR
2000-UP TOYOTA CELICA

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:

- Minimum of a 2 Ton rated Floor Jack and Jack Stands
- Blocks or Wheel Chocks
- Torque Wrench- 10-75 ft. lb. range
- Ratcheting Socket Wrench with Shallow or Deep Sockets- 10mm, 12mm, 14mm
- Rags and Cleaning Solvent
- Spray Lubricant (WD40™ or similar)
- *   Note: It is very helpful to have an assistant during installation.

KIT INSTALLATION

1. Open the hardware kit and remove all the contents. Refer to the Part List (Page 3) and Photo #1 to verify all parts are present.

2. Park the vehicle on a smooth, level concrete/ asphalt surface and put the vehicle in gear or "park". Place a block in front of and behind the front wheels. Jack up the rear of the vehicle and place jack stands in the factory specified locations. Refer to the vehicle Owner's Manual.

3. Using a 14mm socket and wrench, remove the two spring loaded Hex Head Cap Screw (HHCS) that fasten the muffler to the exhaust system (Photo #2).

4. Use the spray lubricant on the three rubber muffler hangers. One is located on the driver side and the other hangers are found on the passenger side. The lubricant will help to slide the hangers off the <u>muffler</u> mounts (Photo #3 and #4).

5. Slide the hangers off the muffler and carefully lower it down and away from the car (Photo #5 and #6).

6. The heat shield located above the muffler must be removed to access the rear anti-sway bar. The four 6mm HHCS should be removed with a 10mm socket and wrench. Lower the shield down and away from its points of attachment (Photo #7 and #8).

7. Remove the original rear anti-sway bar and all of its related hardware. This includes the end links, bushings and brackets, and the (4) 8mm HHCS. A 12mm socket is needed to remove the bushing bracket hardware (Photo #9 and #10) and a 14mm socket is needed to remove the nuts from the end links. The original HHCS and end links will be used to fasten the new Suspension Techniques anti-sway bar to the vehicle. Unfasten the end link from the anti-sway bar only (Photo #11 and #12). Use solvent and a rag to clean the mounting areas.

    Note: Removing the rear anti-sway bar requires some shifting and rotating of the part to clear suspension items. Shift the anti-sway bar to one side and then lower it down and out from under the car (Photo's #13 and #14).

8. Thoroughly lubricate the **inside** of the new Polyurethane bushings with the provided grease (Photo #15). Place the bushings on the Suspension Techniques anti-sway bar in the same location as the original bushings (Photo #16 and #17).

    Note: Re-greasing the pivot bushings should be performed at regular intervals. Climate and driving conditions will govern the time between services. Re-check all of the hardware when performing the bushing maintenance.

9. Be sure to position the new pivot bushing brackets with the chamfered corners facing inward (Photo #18). With the required hardware easily accessible, install the Suspension Techniques anti-sway bar in the reverse order of removal (Photo #19 and #20). Use the original 8mm HHCS with the new flat washers (Photo #21) to attach the anti-sway bar to the original mounting points.

    Note: The anti-sway bar arms pass <u>under</u> the rear suspension lateral links.

10. Loosely thread the (4) original 8mm bolts into the threaded holes in the uni-body (Photo #22), fastening the anti-sway bar to the vehicle. Be careful to align the bar evenly. The slotted holes in the pivot bushing brackets allow some adjustment. Tighten the HHCS to 13ft.lbs (Photo #23).

11. Install the heat shield and tighten the four 6mm HHCS to 9ft.lbs.

    Note: All hardware being fastened to the vehicle's original fastening points should always be torqued to the Manufacturer's specifications. Never over-torque the hardware.

12. Fasten the original end links to the Suspension Techniques anti-sway bar (Photo #24). Torque the nuts to 32ft. lbs.

13. With the anti-sway bar in place and all the hardware torqued, re-install the muffler in the reverse order of removal.

14. Installation is complete (Photo #25). Check all the hardware for proper torque and test drive the vehicle. Be sure to torque the wheel lug nuts to the Manufacturer's specifications.

14. Check all of the fasteners at intervals after 10, 100, and 1000 miles.

PART LIST REAR ANTI- SWAY BAR HARDWARE KIT

PART #	PART DESCRIPTION	QUANTITY
114030	Bushing Bracket	2
113040	Urethane Pivot Bushing	2
110635	8mm Flat Washer	4
55000-10	Grease Pack	1
51212-300	ANTI SWAYBAR	1
112006	CAP SCREW 8MM 1.25 X 25 MM	4

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ANTI-SWAY BAR INSTALLED
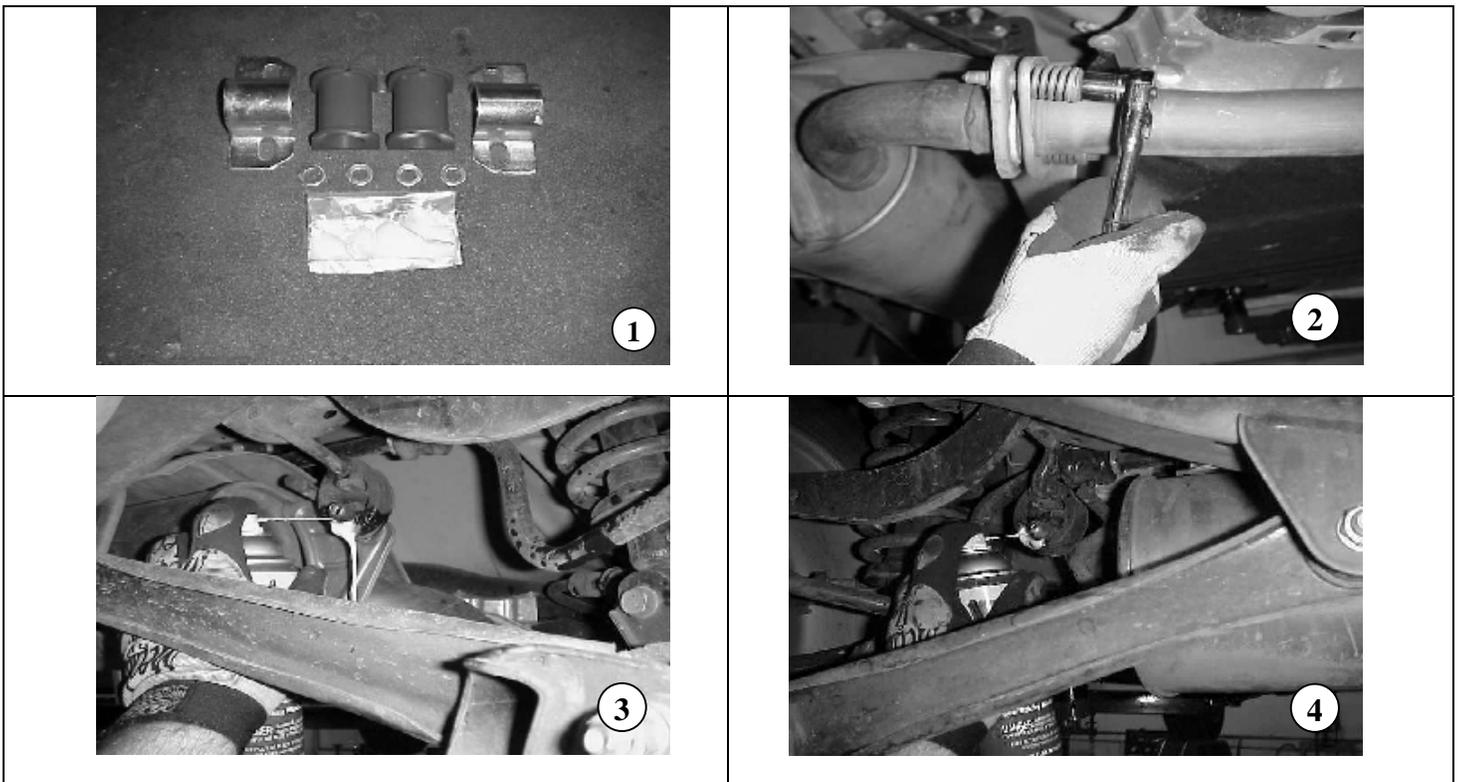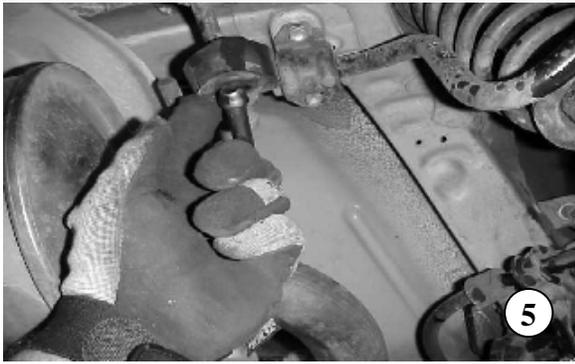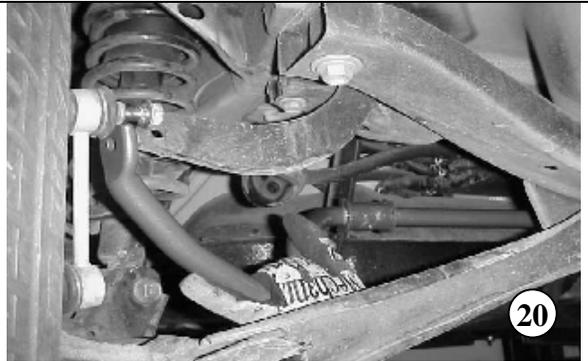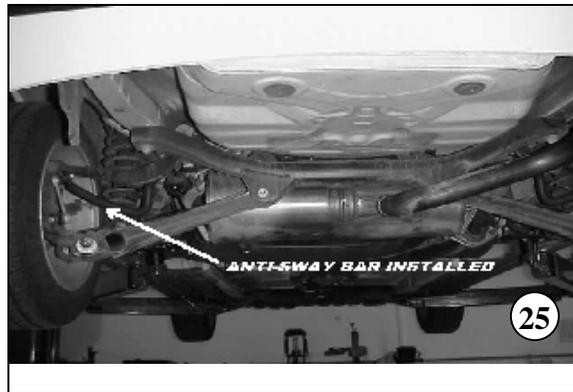
INSTALLATION

Make sure a maximum of 1/32" to 1/16" of the bushing showing when you install the 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.

1/32" - 1/16"