



INSTALLATION INSTRUCTIONS

1075 North Ave. Sanger, CA 93657-3539 local: 559-875-0222 fax: 559-876-2259 toll free: 800-445-3767

50003 Front Anti-Sway Bar 2003-2005 Dodge Neon SRT-4

Thank you for being selective enough to choose our high quality ST Suspensions 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 and support stands
- Wheel chocks
- Socket wrench set

1. Preparation

- 1a) Open the hardware kit and remove all of the contents. Refer to the parts list (Page 2) to verify that all parts are present.
- 1b) Park the vehicle on a smooth, level concrete and apply 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).
- 1c) 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.
- 1d) It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage. Make sure that the support stands are properly placed prior to performing the following procedures. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

2. Removal & Installation

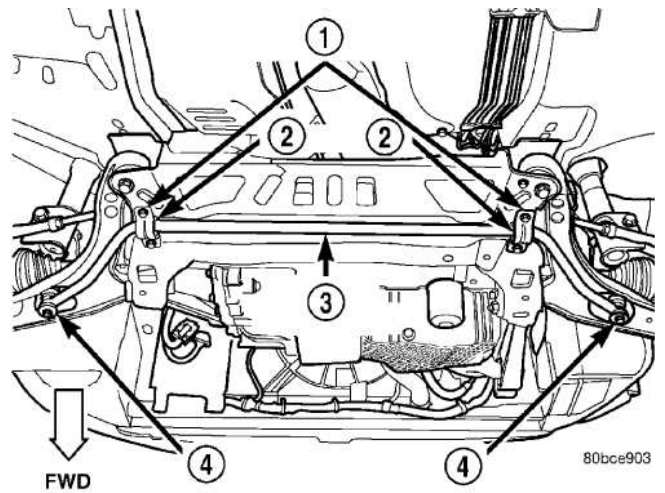
- 2a) Remove the front wheels.
- 2b) Referring to Fig.1, remove the bar end links from the ends of the original equipment anti-sway bar (#4) by holding the upper retainer/nut with a wrench and turning the link bolt. Remove the stabilizer bar cushion (bushing) retainers (#1) as well. Note the position of the anti-sway bar in the vehicle to ease

in the installation of your new ST anti-sway bar. Remove the original equipment anti-sway bar from the vehicle.

- 2c) Thoroughly lubricate the inside of your new ST bushings using the lubricant provided in the kit. Place the bushings onto the ST anti-sway bar. Refer to the original equipment anti-sway bar as to the proper bushing location.
- 2d) NOTE: Before installing the stabilizer bar, make sure the bar is not upside-down. The stabilizer bar must be installed with the curve on the outboard ends of the bar facing downward to clear the control arms once fully installed (Fig. 2). Position your new ST anti-sway bar on the vehicle in the original equipment location and secure it with the original equipment bushing brackets and original equipment bolts. Tighten the bushing bracket bolts to approximately 28 Nm or 18 ft/lbs of torque. Assemble the end links in the reverse order of removal. Tighten the assembly until the grommets begin to bulge, but do not crush them.
- 2e) Go over the entire installation procedure and make sure all the bolts and nuts are properly tight.
- 2f) Install the wheels, lift the vehicle off the jack stands with a jack and lower the vehicle back to the ground.

Completion

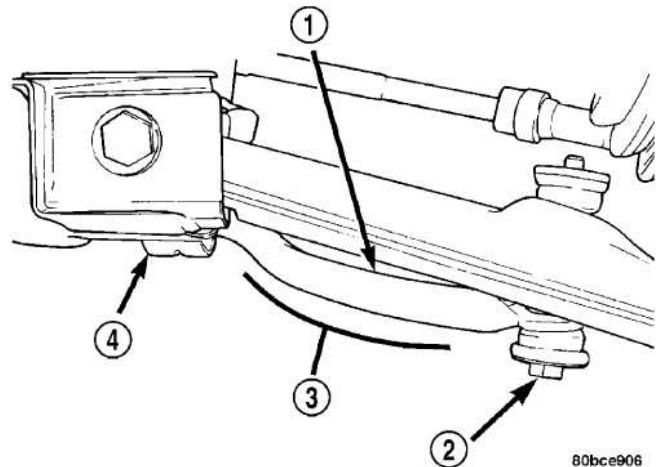
- 3a) Check to make sure that no wires or hoses will come in contact with any of the suspension parts.
- 3b) Test drive your vehicle in a remote location to become accustomed to the new handling characteristics.
- 3c) Re-torque all fasteners in 10 & 100 miles after installation.



Stabilizer Bar

- 1 - STABILIZER BAR CUSHION RETAINERS
- 2 - CUSHIONS
- 3 - FRONT STABILIZER BAR
- 4 - STABILIZER BAR LINKS

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Downward Curve

- 1 - STABILIZER BAR
- 2 - LINK
- 3 - DOWNWARD CURVE
- 4 - CUSHION RETAINER

2

Part #	Description	Quantity
50003-300	Sway bar	1
113302	Polyurethane bushings	2
55000-10	Grease	1