RACINGBEAT LLC®

I-74107

MAZDA 3 REAR SWAY BAR
Installation Instructions

TOOLS REQUIRED:
- Torque wrench
- 3/8" ratchet
- 14mm socket (deep & shallow)
- 5mm hex wrench
- 14mm Crowfoot Socket (optional)

ESTIMATED TIME: 1 hrs. **PEOPLE REQUIRED:** 1

Read these installation instructions before starting:

1. Block the front wheels, then raise the rear of the car and place on safety stands. NEVER work under a car supported only by a floor jack!

2. Remove the nuts from the lower control arms to the end links (14mm head) on both sides of the car. (The upper link nuts are more difficult to remove.)

3. Remove the sway bar retaining clamp on both sides of the car (4) 14mm head nuts. Remove the bar clamps from the bar.

4. Swing the bar down, slide the bar to the left side and gently work the bar out of position (The bar can be removed with the end links attached.) Once the bar has been removed from the chassis, remove the end links from the bar. Note the orientation if you'll be reusing the end links.

5. Note the orientation of the bar; the center of the bar should dip down when installed. Lubricate the Racing Beat urethane bushings with the supplied grease. (1/2 packet per side) Install the bushings and brackets after the bar has been positioned in place on the car. Use the four (4) washers between the bracket retaining nuts and the brackets. Tighten the nuts to 32-36 ft/lbs.

6. Install the bar end links to the bar (note that the links are left/right). Tighten the bar end links to the bar while the arms are angled downward. Tighten the end links nuts to 40-45 ft/lbs.

Important Note: It is very important to tighten the end link retaining nuts to the specific torque settings. We recommend the following procedure:

Stock end links - If needed, insert a 5mm hex wrench into the end of the end link stud to prevent the stud from rotating. Place a 14mm Crowfoot Socket onto your torque wrench and place the socket onto the retaining nut. While firmly holding the hex wrench, use the torque wrench to tighten the retaining nuts to 40-45 ft/lbs. Alternatively, you may be able to use a box or open end wrench to partially tighten the nut and then finish torquing with a 14mm socket.

4789 Wesley Drive, Anaheim CA 92807 (714)779-8677 • Fax (714)779-2902