RACINGBEAT LLC®

I-74102

2007-13 MAZDA 3 REAR SWAY BAR
Installation Instructions

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

ESTIMATED TIME: .5-1 hrs. **PEOPLE REQUIRED:** 1

Read these installation instructions before starting:

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

2. Remove the nuts from the sway bar to the end links (14mm head) on both sides of the car.

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

4. Swing the bar down. From this position you should be able to remove the link studs from the bar one at a time.

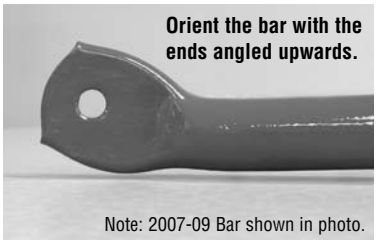
5. Remove the bar sway bar from the car.

6. Lubricate the Racing Beat urethane bushings with the supplied grease. (Install the bushings and brackets after the bar is in the car.) **Note that one end of the bar bushings has been ground away for bar clearance.** This end goes "outboard" and fits into the bend in the sway bar. Install the Racing Beat sway bar in the reverse order of removal. Note the orientation of the bar; the ends of the bar should angle upwards towards the suspension arm.

8. Torque the attachment bolts to the following specifications:
   - Sway Bar Clamps: 32-36 fl/lbs
   - End Links: 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.



Note: 2007-09 Bar shown in photo.

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