

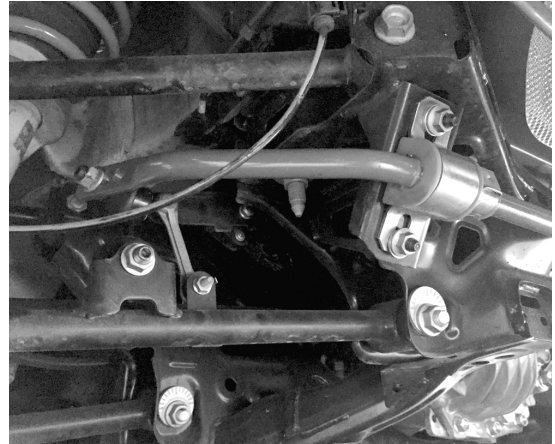
## MX-5 Miata ND- Rear Sway Bar Installation Instructions

### Tools Required:

- Torque wrench
- 3/8 ratchet
- 14mm socket (6 point)
- 12mm socket
- 14mm open and box wrench (may be necessary)
- 5mm hex wrench (may be necessary)

**Estimated time for completion:** .5 hrs

**People required:** 1



1. Raise the rear of the car and place on safety stands.
2. Remove the 14mm head nuts that connects the sway bar ends to sway bar end links (left and right). Note: Sometimes the nuts on the end link studs are extremely tight and/or have thread lock. Use a 6-point socket or wrench if necessary. If the end link stud rotates while tightening or loosening the nut, a 5mm hex wrench can be placed into the end of the end link stud while loosening the retaining nut with a 14mm open or box wrench.
3. Remove the sway bar mounting brackets (12mm head nuts) from both sides.
4. Remove the sway bar.

Position the Racing Beat bar so that the mounting ends of the bar are angled outward at the upper edge. Once correctly installed the arm ends should form a "V" shape relative to each other.

5. With the sway bar on a flat surface, spread the bushing open on one end and push it onto the bar to the OUTSIDE of the stopper bushing/clamp. (The bushing is stiff and hard to spread open!) Once installed on the bar, push the bushing slightly away from the stopper bushing onto the bend of the bar. Apply a small amount of the supplied grease to the inside of the sway bar bushings and the area of the bar under the bushing. Make certain all inner surfaces of the bushing have adequate grease. Use approximately 1/4 to 1/2 of the packet for each bushing. If required, additional grease packets are available from Racing Beat.
6. Using the supplied clamps and washers, secure the bar to the chassis. (Note the correct orientation as shown in the photo, the end links will mount to the inside surface of the bar arms .)

Torque to the following specs:

- 12mm head nuts - 13-19 ft lbs.
- 14mm head nuts - 31-44 ft lbs.

### End Link Mounting Note:

We recommend that you initially use the MIDDLE end link mounting hole on the bar arm. After gaining experience with the changed handling of the car, you can try the mounting hole toward the fore or aft to change the handling balance of your car. Before changing the mounting hole position it is important to know how these changes will impact the oversteer or understeer balance of the car!