

Mazda 2 Rear Sway Bar

Installation Instructions

| Tools Required | |
|----------------------------------|---------------|
| 9/16" or 14mm box or open wrench | Torque wrench |
| 9/16e" or 14mm socket | Clean rag |
| Ratchet | |

Before you start the installation process, please read through the following steps thoroughly.

1. Raise the rear of the car support it on the rocker panel rails using jack stands. DO NOT work under a car supported only by a jack! It is acceptable to raise the car by lifting under the inverted U-shaped rear axle housing.
2. Using a clean rag, wipe all dirt from the U-shaped rear axle housing areas as shown in Photo A and Photo B.
3. Insert the sway bar into position in the U-shaped rear axle housing and hold in place. Insert one of the supplied bolts up through the rearward side of either flange and hold it place by pushing the bar toward the front of the car as shown. Photo C
4. Place one retaining clamp strap over the axle housing, slipping one end over the bolt, then start a supplied nut onto the bolt. Photo D
5. Repeat this same procedure on the other end of the sway bar to keep the bar in position. Then loosely install the remaining retaining straps/bolts/nuts onto the remaining hole positions.
6. Tighten all bolts so that the ends of the bolts are even with the tops of the nuts (it is OK to turn the bolts while holding the nuts stationary).
7. Center the sway bar in the rear axle housing. (Photo F) This need not be precise - simply use your fingers to judge when the bar is equal distance from the various shapes in the axle housing, or from parts welded to the axle housing. Ensure that the retaining clamp straps are not angled to the side, but allow the bolts to pull straight.
8. Continue tightening the bolts equal amounts until all the bolts are snug to avoid binding the retaining clamp straps on the bolts. Torque all bolts to 25 ft/lbs.
NOTE: Accurate torque is important - Excessive torque will damage the components while inadequate torque may allow the bolts to loosen with time.
9. Lower the car to the ground, then drive the car for approximately 20 miles to settle the retaining clamps into position. Re-torque the bolts to 25 ft/lbs. If the bolts rotate, repeat this process until your re-check does not result in and further bolt movement.

