

Miata Front Sway Bar Brace Kit

Before you start the installation process, please read through the following steps thoroughly. **If you are installing ONLY the support blocks and retaining bolts, skip steps 3 & 4.**

- 1) Raise the front of the car and support with jack stands. Remove the plastic undertray to gain access to the front sway bar.
 - 2) Remove the four (4) 8mm bolts that attach the sway bar bushing clamps and let the bar hang in position. These bolts will not be reused.
 - 3) Position the brace to the chassis as oriented in Figure 1.
 - 4) Place the brace directly above the sway bar by sliding it in horizontally, starting just ahead of the right front tire.
 - 5) Thread the four (4) supplied 8mm hex bolts (using the supplied flat washers) through the sway bar bushing clamps and the brace (if used) into the threads of the sway bar chassis mounts 15 turns each. (See Figure 2)
- The purpose of this "positioning" of the bolts is to allow room for the aluminum blocks to slide into place before fully tightening the bolts.
- 6) Thread one (1) supplied flange nut onto each of these bolts with the (flange facing "up") until it rests against the sway bar chassis mount. (See Figure 3) Do not tighten.
 - 7) Position the longer aluminum block over the left (driver) side bolts so that the bolts align with the holes in the block, then drop the block down over the bolt threads. (See Figure 4 for the correct positioning of the block.) The notch is provided for 90-95 models equipped with power steering, correct orientation may vary per vehicle.
 - 8) Place the shorter aluminum block (without a notch) over the right (passenger) side bolts, allowing it to drop down over the bolt threads.

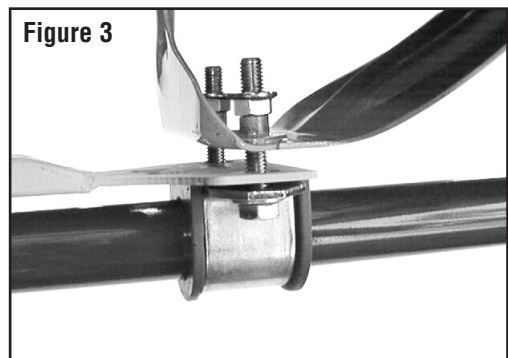
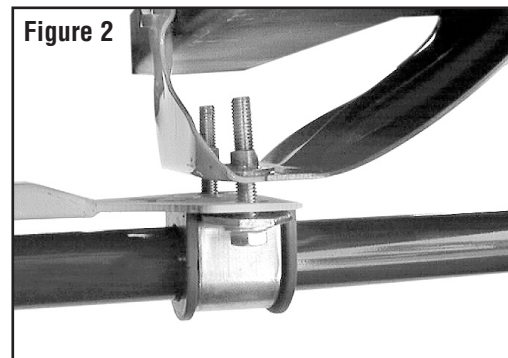
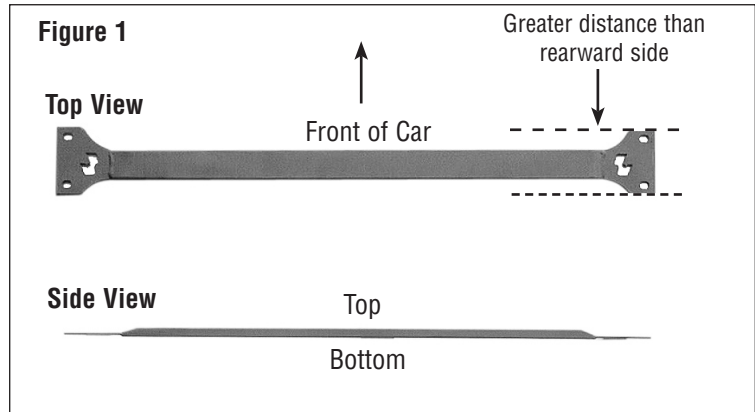
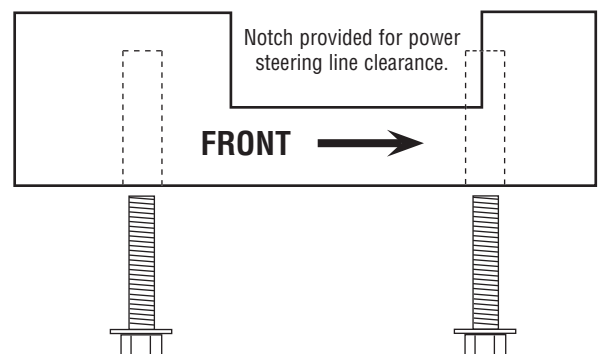


Figure 4 - Drivers Side



9) Tighten the bolts to 15 ft/lbs. **Important:** Alternate between adjoining bolts so that the nuts do not jam into the aluminum blocks.

Turn each bolts a few turns and then thread the nut upwards towards while pushing the aluminum block up against the chassis. Tighten the nuts "finger tight" against the aluminum block. (See Figure 4) Repeat with the other side.

10) Starting from this "finger tight" position, tighten each of the four (4) nuts two (2) full turns against the aluminum blocks. (See Figure 5) Access to the nuts may be limited, work slowly using an open end wrench for best results. This should be done uniformly on each block, alternating between the nuts. This procedure "preloads" the mount to allow it to accept both upward and downward loads without significant flexing.

11) Replace the plastic undertray and lower the car to the ground.

