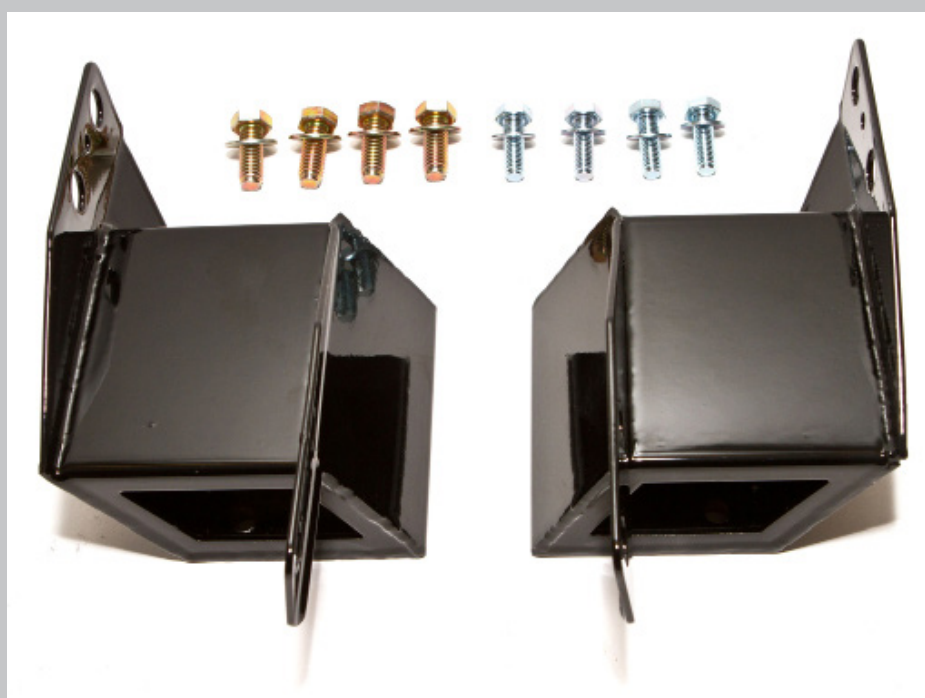


HEAVY DUTY SWAY BAR MOUNTS 90-05 13-36600



Thanks for purchasing our AWR heavy duty sway bar mount for your Miata. The factory sway bar mounts will flex or even break under load, especially when using a larger front sway bar. These brackets are designed to minimize flex to properly transfer the loads to the chassis. If you have any questions during installation or suggestions for improvement to the product or the instructions - please don't hesitate to call or email.

WARNING: Not everyone can perform every installation. It is critical that you be honest with yourself in regards to your ability. We're more than happy to help, but there are only so many things we can do from the other end of a phone / computer. If in doubt, discuss the install with us before you dive in. Improper installation could cause injury and / or death!

Required tools:

- Metric socket set
- Safety glasses
- Drill w/ ~3/8" drill bit
- Hammer & cold chisel
- Paint (black recommended)
- Center punch (optional)

Torque specs

- Mounting bracket bolts NA: 18 lb-ft
- Mounting bracket bolts NB: 12 lb-ft

1. Jack up the front of the car and support it using jack stands. Remove the plastic undertray. Disconnect the sway bar from the factory sway bar mounts and let it hang down. You can leave the end links attached.
2. Drain the coolant and remove the radiator. Then remove the brackets that support the bottom of the AC condenser. This provides the necessary access to be able to remove the sway bar mounting brackets.
3. Each sway bar mounting bracket is held on with four bolts and two spot welds. Remove the bolts (NAs are M8s, NBs are M6s). The size of drill bit used to drill out the spot welds is somewhat arbitrary. You will just want to make sure that the diameter of the bit is larger than the spot weld. You can use a center punch to dimple the center of the spot weld which helps keep the drill bit from "walking" as you drill. Drill into the spot weld just enough to weaken the weld. Do not drill all the way through the frame.
4. Take a hammer and chisel to the backside of the bracket to finish breaking the spot welds. If you've drilled far enough the weld will pop easily. If you're having trouble getting it to pop, try drilling into the spot weld a little further.
5. Once the brackets have been removed, smooth down remnants of the spot weld on the frame and give it a coat of paint to prevent it rusting.
6. Inspect the area around the bolt holes to determine if the chassis may need a slight tack weld to repair any stress cracks. If so, now is the time to do it. If not, proceed with installing the new brackets. You will find a bend in the leading edge of each bracket. These bent areas are there to clear the AC brackets. The bent areas are to face forward and towards the center of the car. You may need to tap the bracket with a rubber mallet to get it to be as close to seated against the frame rail as possible. Install the 4 bolts and tighten them to their respective torque spec (NAs 18 lb-ft, NBs 12 lb-ft). The new bracket does not need to be spot welded.
7. You may need to carefully bend the power steering lines around the brackets for clearance, or disconnect the power steering lines and pass them through the new bracket (0000-04-5101-PS) if so desired.
8. Reconnect the front sway bar. Ensure the sway bar bushings are clean and well lubricated prior to installation.
9. Reinstall the radiator brackets and radiator. Refill the radiator and check for leaks. Reinstall the undertray. That's it, your done!

