

## **MX-5 Miata Muffler Installation Instructions**

### **Installation Steps: Read All Steps Before Proceeding**

1. Raise the car and place it on jack stands. Never work on a car supported only by a floor jack.
2. Remove the two nuts that retain the muffler to the connecting pipe. It may be necessary to spray the nuts with a penetrating spray. If the nuts are “frozen”, allow the spray to penetrate the threads before attempting to remove. Work slowly and carefully to prevent damage to the nuts and/or studs.
3. Spray the muffler hanger at the point at which they extend into the rubber grommets with a spray lubricant. (i.e. silicone spray, WD40, etc..)
4. Starting with the hanger closest to the connecting pipe, push the muffler towards the passenger side of the car while gently working the muffler off the rubber grommet. You may want to cover the tip of the muffler to prevent it from striking the bumper during the removal procedure.
5. Once the driver’s side hanger had been removed, push the muffler gently towards the driver’s side to remove these hangers from the grommets.
6. Before installing the muffler onto the car, you may want to cover the tip to prevent damage to the bumper. Using the supplied gasket, place the gasket on the length of pipe that extends from the connecting pipe. A small piece of tape may be used to hold the gasket in place.
7. Spray the passenger’s side grommets with lubricating spray, then insert the hangers into the grommets. Start with the forward hanger and work rearward.
8. Spray the driver’s side grommet with penetrating spray, then insert the hanger into the grommet.
9. Use the supplied nuts and bolts, secure the muffler to the connecting pipe section. Before tightening the nuts, check the final position of the gasket. Tighten to 28 ft/lbs. (During initial driving, the the muffler will “settle” onto the correct position on the rubber grommets.)
10. Lower the vehicle and start the car. Check for exhaust leaks at the muffler/connecting pipe junction.