

Exhaust System Installation Instructions (Flexible Joint at Muffler)

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 nuts that retain the muffler to the connecting pipe. (Positioned on the connecting pipe side of the flange!) 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 or retaining stud.

Note: On this application each nut is secured to a stud that has been threaded into the muffler flange. If the nut and stud rotate together during the removal process, simply allow the stud to unscrew itself from the muffler flange. These studs are required during the installation of the new muffler.

3. Spray the metal muffler hangers at the point at which they extend into the rubber grommets with a spray lubricant. (i.e. silicone spray, WD40, etc..) Push the muffler towards the passenger side of the car while gently working the muffler off the driver's side rubber grommets. You may want to cover the muffler tip(s) to prevent damaging the bumper during the removal procedure.
4. Once the driver's side hangers have been removed, support the muffler from below and gently push it towards the driver's side to remove the hangers from the passenger's side grommets. Remove the muffler from the vehicle. **Retain the large donut-shaped gasket, this gasket will be re-used during the installation process.** Remove the studs from the threaded position on the muffler flange and transfer them to the Racing Beat muffler flange.
5. Before installing the new muffler onto the car, you may want to cover the tip(s) to prevent damage to the bumper.
6. Make certain the large donut gasket is in place on the outlet of the connecting pipe. Spray the passenger's side grommets with lubricating spray, then insert the metal hangers into the grommets. Start with the forward hanger and work rearward.
7. Spray the driver's side grommets with penetrating spray, then insert the metal hangers into the rubber grommets.
8. Using the original springs and nuts, secure the muffler to the connecting pipe section. Tighten to 28 ft/lbs. (During initial driving, the muffler will "settle" onto the correct position on the rubber grommets.)
9. Lower the vehicle and start the car. Check for exhaust leaks at the muffler/connecting pipe junction. It is normal to notice an oily, burning odor during the break-in period as oil from the tube bending process slowly dissipates from the system.