

Miata Race Connecting Pipe* 1999-2005

This race connecting pipe is designed to replace the factory connecting pipe on the 1999-2005 Miata. This race connecting pipe eliminates the factory catalytic converter that is incorporated into the factory pipe. This component is legal only for racing vehicles which may never be used upon a highway. It is assumed that the emissions control devices will not be utilized with this vehicle.

Select your application from the following:

Installation on a California emissions equipped Miata not equipped with a Racing Beat Header

1. Raise the car and place on jack stands. Never work under a car supported only by a floor jack.
2. Spray the front and rear factory connecting pipe retaining nuts with a penetrating spray before attempting to loosen. Remove the securing nuts (use the penetrating spray and work slowly). You may find it necessary to spray the rubber mounting bushings with silicone spray to facilitate removal.
3. Install the Racing Beat connecting pipe. The original gaskets may be reused if they show no visible signs of wear or distress. Tighten all bolts to 32-44 ft/lbs.

Installation on a California emissions equipped Miata equipped with a Racing Beat Header

1. Raise the car and place on jack stands. Never work under a car supported only by a floor jack.
2. Spray the front and rear factory connecting pipe retaining nuts with a penetrating spray before attempting to loosen. Remove the securing nuts (use the penetrating spray and work slowly). You may find it necessary to spray the rubber mounting bushings with silicone spray to facilitate removal.

During the installation of the Racing Beat header, a mounting position for the oxygen sensor was required to be placed in the factory connecting pipe. The oxygen sensor was then placed into this position and a wiring extension was utilized to connect the sensor to engine.

3. Unplug and remove the relocated oxygen sensor from the factory connecting pipe.
3. Remove the factory connecting pipe. Install the Racing Beat connecting pipe. The original gaskets may be reused if they show no visible signs of wear or distress. Tighten all bolts to 32-44 ft/lbs.
4. Using the wiring extension, relocate this heated sensor to an "open area" in the engine compartment of the vehicle and secure. (Positioning the sensor in the engine compartment allows this sensor to analyze "clean-air", and protects the sensor from the elements.)

*This component is legal only for racing vehicles which may never be used upon a highway.

Installation on a Federal emissions equipped Miata equipped with or without a Racing Beat Header

1. Raise the car and place on jack stands. Never work under a car supported only by a floor jack.
2. Spray the front and rear factory connecting pipe retaining nuts with a penetrating spray before attempting to loosen. Remove the securing nuts (use the penetrating spray and work slowly). You may find it necessary to spray the rubber mounting bushings with silicone spray to facilitate removal.
3. Unplug and remove the oxygen sensor from the factory connecting pipe.
3. Remove the factory connecting pipe. Install the Racing Beat connecting pipe. The original gaskets may be reused if they show no visible signs of wear or distress. Tighten all bolts to 32-44 ft/lbs.
4. Re-position the oxygen sensor using one of the following methods:

Option A:

Using the optional Racing Beat wiring extension (Part No. 90022), relocate the heated sensor to an “open area” in the engine compartment of the vehicle, and secure. (The Racing Beat wiring harness extension features plug-in style factory connectors.) Positioning the sensor in the engine compartment allows this sensor to analyze “clean-air”, and protects the sensor from the elements.

Option B:

Cut the connectors from the stock wiring harness and custom fabricate an extension. Position and secure the heated oxygen sensor in the engine compartment in an “open area”.