

# Installation Instructions

## RX-8 Race Pipe\*

**Read All Steps Before Proceeding.**

### Installation Steps:

It is suggested that the stock exhaust be “cold” before attempting to install these components. Exhaust components (especially the catalytic converter) may retain heat for a substantial period of time after the car has been shut off. Further, you may experience difficulty removing the nuts on “hot” exhaust components. If you experience difficulty removing the nuts on a “cold” component, apply a loosening agent (i.e. WD 40) and slowly and carefully work the nuts off the studs. It is recommended that a “non-seizing” agent be applied to all threaded components during installation.

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 (17mm head) that retain the muffler inlet pipe to the catalytic converter section. Retain the springs and nuts for later use. If possible, remove the two studs that are threaded into the catalytic converter pipe section. (These studs may be difficult to remove and can be damaged during the removal process. For this reason, we supply a replacement pair for use during the installation process.)



**Remove retaining nuts, springs, and studs.**

3. Disconnect the electrical connector and remove the oxygen sensor heat shield and sensor from the side of the catalytic converter.

4. Remove the three (3) retaining nuts (on the forward side of the exhaust manifold flange) that secure the forward end of the catalytic converter from the exhaust manifold. (Note: The bolts are attached to the catalytic converter pipe section and will not rotate!) Spray the rubber retaining hanger with a lubricating spray, and gently pry the hanger free. Remove the pipe from the chassis.

### Installation

5. Spray the rubber hanger with a lubricating spray. Lift the race pipe into place and secure the rubber hanger. Insert the supplied “ring” gasket into the recessed groove on the forward flange. Install the O2 sensor and reconnect the electrical connector. (We suggest you apply a small amount of “never-seize” material to the threads of the sensor while taking care not to contaminate the actual sensor end.)

6. Install the two studs supplied onto the forward end of the race pipe. Reuse the stock “donut” gasket between the connecting pipe and race pipe section. Install the retaining springs/nuts and tighten to 20 ft/lbs.

7. Using the supplied bolts and original nuts, secure the forward end of the race pipe to the exhaust manifold. Tighten to 28 ft/lbs

8. Lower the vehicle and start the car. Check for exhaust leaks at the pipe junctions.

Note: The PCM computer will detect the absence of the catalytic converter and illuminate the “check engine” light, but will not affect performance or other engine systems.

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