

Installation Instructions 1979-80 Connecting Pipe*

Read the following before starting installation:

- **Use of this connecting pipe is NOT compatible with the separate thermal reactor exhaust components. This connecting pipe is intended for use with the Racing Beat muffler, or comparable aftermarket muffler.**

- This connecting pipe is NOT equipped with mounting positions for the stock heat shield. The stock heat shield CANNOT be used with this connecting pipe.

- This connecting pipe is NOT equipped with a mounting hanger for the separate thermal reactor exhaust tube. Use of this connecting pipe with the thermal reactor exhaust components will require modification undertaken by the installer.

When installing with:

- **Stock muffler** - The original donut style gasket (discontinued by Mazda) can be reused if in good condition. (The mating surface on the stock flange is not flat and the use of a flat gasket at this position will likely result in an exhaust gas leak.)
- **Racing Beat or aftermarket muffler** (with a grooved or flat surface flange) - The provided flat gasket can be used at this position. Inspect the mating surfaces of both flanges to ensure there is enough surface area to provide adequate sealing surface for the flat gasket.

Removal

Support the vehicle with jack stands. DO NOT work under a car supported only by a floor jack. Spray all retaining fasteners with a penetrating spray.

- Remove the bolts/nuts that retain the heat shield. (These may be rusted in place and difficult to remove.) Remove the heat shield.
- Remove the fasteners that secure the stock pipe to the thermal reactor and the muffler unit. Remove the fastener that retains the mid-pipe rubber hanger. Remove the thermal reactor exhaust tube, this will not be re-used. Remove the connecting pipe from the car.

Installation

If installing a new mid-pipe rubber hanger, remove the old hanger and replace with the new hanger. Position the connecting pipe on the chassis and secure the mid-pipe hanger using the supplied 8mm bolt and washer.

- Place a supplied gasket on the outlet studs of the thermal reactor, secure with the original nuts.
- Using the stock donut gasket (or the Racing Beat replacement gasket), position the gasket between the connecting pipe and muffler unit and secure with the provided bolts and flange nuts. Tighten to 30-41 ft/lbs.
- Muffler tip alignment - If the muffler tips require alignment within the bumper opening, loosen the muffler/connecting pipe nuts, have an assistant position and hold the tips within the bumper, and then retighten the nuts.

* Legal in California only for racing vehicles which may never be used upon a highway.