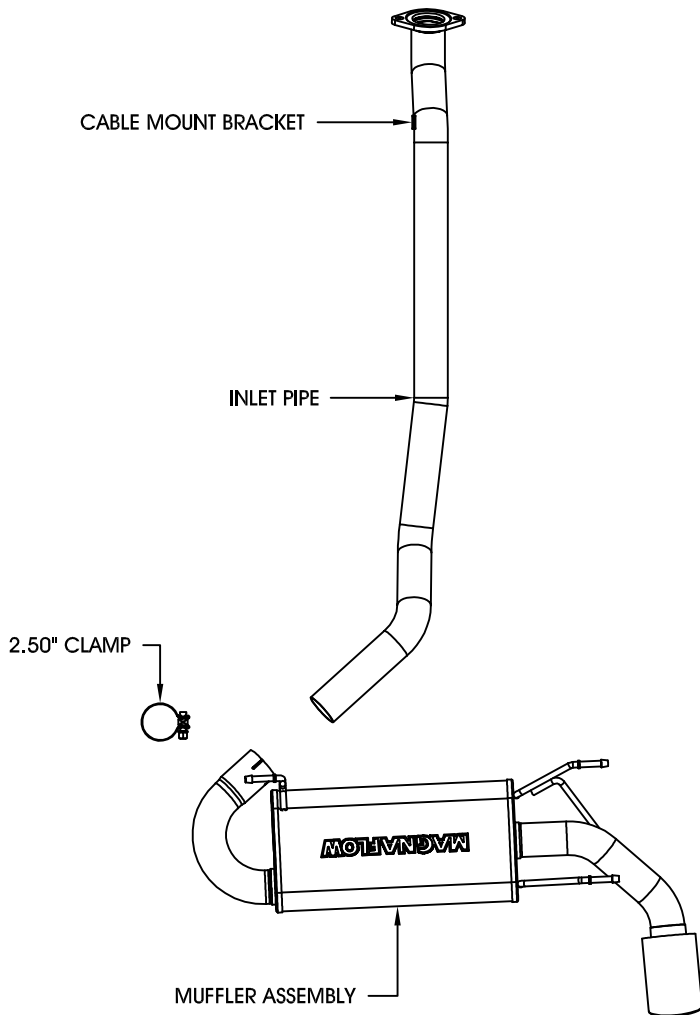


### 2004-05 MAZDASPEED MIATA - 4cyl 1.8L TURBO

DIAGRAM 1



**Warning:** When working on, under, or around any vehicle exercise caution. Please allow the vehicle's exhaust system to cool before removal, as exhaust system temperatures may cause severe burns. If working without a lift, always consult vehicle manual for correct lifting specifications. Always wear safety glasses and ensure a safe work area. Serious injury or death could occur if safety measures are not followed.

**Step 1:** (Carefully read all instructions before installation) Disconnect the vehicle's battery before removal of the OEM exhaust. This will allow the computer to reset itself with the new system, and prevent electrical accidents. Before attempting to remove the exhaust system, you will need to temporarily remove the OEM chassis bracing as shown in Diagram 2. Unbolt the cable from the resonator assembly as shown in Diagram 3, then unbolt the resonator and muffler assemblies at the 2-bolt flanges. Do not discard or damage the OEM fasteners and gaskets, as they may be reused to mount the new system. Disengage the welded hangers from the rubber insulators and remove the system.

**Step 2:** Install the new inlet pipe reusing the OEM gasket and fasteners. Leave all clamps and fasteners loose for final adjustment of the complete system. Fasten the cable to the new inlet pipe bracket using the supplied 6mm fasteners as shown in Diagram 3. Install the muffler assembly by fastening the muffler inlet to the inlet pipe using the supplied 2.50" clamp and by fitting the welded hangers into the rubber insulators.

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DIAGRAM 2



DIAGRAM 3



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**Step 3:** With all components mounted loosely, adjust the system for overall aesthetics and clearance of frame & bodywork. (MAGNAFLOW recommends at least 1/2" of clearance between the exhaust system and any body panels to prevent heat-related body damage or fire.)

**Step 4:** Once a final position has been chosen for the new system, evenly tighten all fasteners from front to rear. The supplied band clamps must be VERY tight to properly align the pipes and prevent leaks (Approximately 65ft-lbs). U-bolt clamps should be tightened to approximately 30-35ft-lbs. Finally, reinstall the chassis bracing and reconnect the battery. Inspect all fasteners after 25-50 miles of operation and retighten if necessary.