

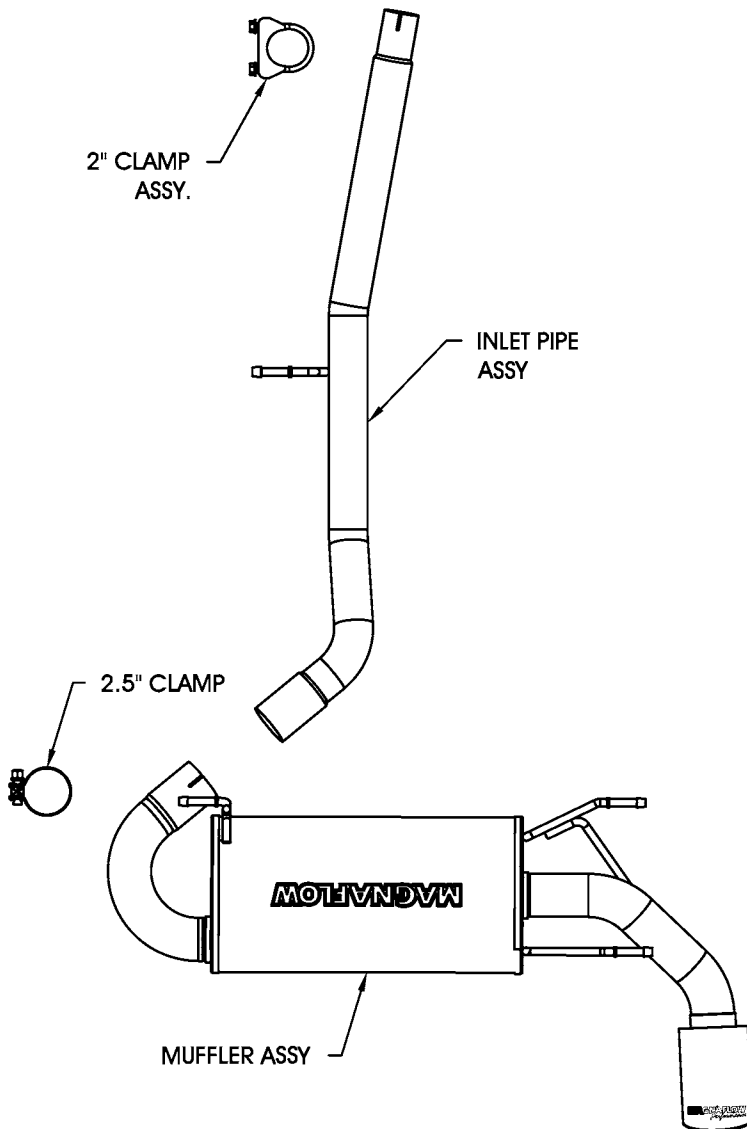
### 1999-2005 MAZDA MIATA 1.8L I-4 4 CYL.

**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 OEM exhaust system, you will need to temporarily remove the OEM chassis bracing, as shown in Figure 1. To remove the OEM exhaust system, carefully cut the pipe 8" in front of the OEM mid muffler/resonator, as shown on Figure 2. Do not discard or damage the OEM rubber insulators, as they will be reused to mount the new exhaust system. Disengage the welded hangers from the OEM rubber insulators and remove the OEM exhaust system.

**Step 2:** Begin installing the new exhaust system by using a front to rear method. Using the provided 2" clamp assembly, install the inlet pipe assembly and insert the welded hanger to the OEM rubber insulator. Leave all clamps loose for the final adjustment of the complete system. Using a provided 2.5" clamp, install the muffler assembly and insert the welded hangers into the OEM rubber insulators.

**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.)



\*MAGNAFLOW Performance Exhaust recommends professional installation on all their products

Technical support: 1-800-959-9226 ext. 4500

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Fig. 1

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**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 40ft-lbs). U-bolt clamps should be tightened to approximately 30-35ft-lbs. Inspect all fasteners after 25-50 miles of operation and retighten if necessary.



Fig. 2

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