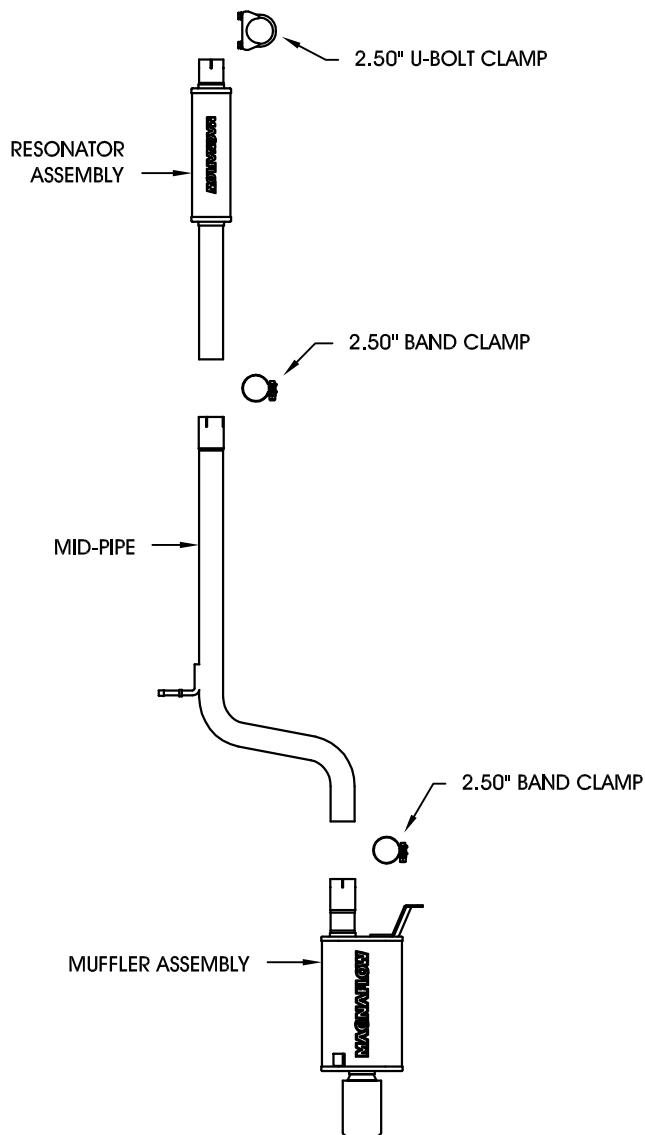


### 2006- MITSUBISHI ECLIPSE GT 3.8L V6

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. Begin by removing the heatshield surrounding the catalytic converter as shown in Diagram 2. The exhaust pipe must be cut just in front of the weld at the front of the OEM resonator. Unbolt the muffler from the resonator at the 3-bolt flange, disengage the welded hanger from the OEM rubber insulator, and remove the resonator assembly from the vehicle. Do not damage or discard the OEM fasteners or rubber insulators, as they will be reused to mount the new system. Unbolt the muffler hangers from the frame mounts to remove the muffler assembly.

**Step 2:** Deburr the inside and outside of the previously cut exhaust pipe, then fasten the new resonator to the catalytic converter using the supplied U-bolt clamp. Leave all clamps and fasteners loose for final adjustment of the complete system. Install the new mid-pipe by fastening it to the resonator assembly using a supplied band clamp, and by fitting the welded hanger into the OEM rubber insulator. Install the new muffler in a similar fashion using a supplied band clamp, and the OEM bracket fasteners.

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DIAGRAM 2



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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. Inspect all fasteners after 25-50 miles of operation and retighten if necessary.

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