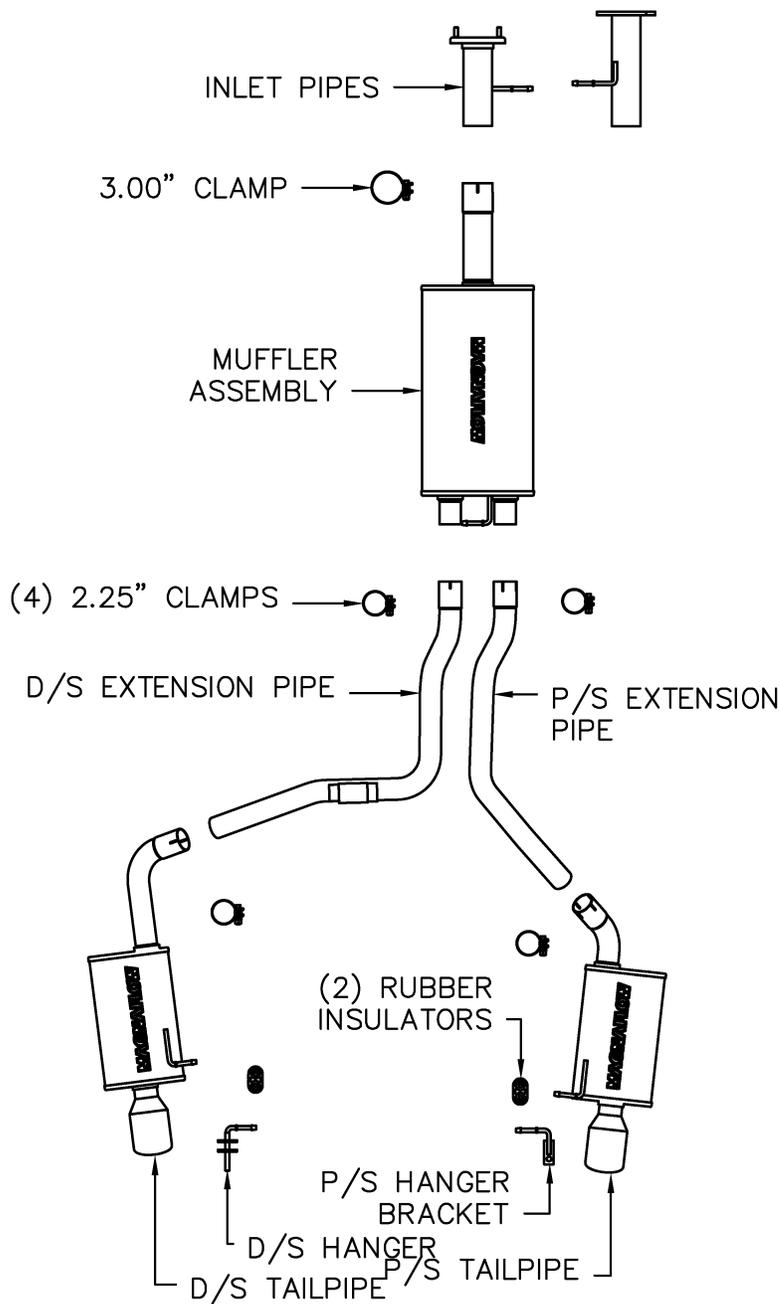


INSTALLATION INSTRUCTIONS FOR 16833

2002- GM TRAILBLAZER / ENVOY - 6cyl. 4.2L

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. You will need to cut the OEM tailpipe before it goes over the axle to aid in removal of the system. You can then disengage the welded hangers from the rubber insulators to remove the tailpipe. Unbolt the muffler inlet at the 2-bolt flange and remove it in a similar fashion. Do not damage or discard the OEM fasteners or rubber insulators as they will be reused to mount the new system.

Step 2: Install the required inlet pipe by bolting it to the catalytic converter at the 2-bolt flange using the OEM fasteners, and by fitting the welded hanger into the rubber insulator. Leave all clamps and fasteners loose for final adjustment of the complete system. Install the muffler and extension pipes in a similar fashion using the supplied 3.00" and 2.25" clamps. You will now need to install the supplied rear hangers and rubber insulators as shown in Diagrams 2 and 3. Once this is done you can install the muffler assemblies.

*MAGNAFLOW Performance Exhaust recommends professional installation on all their products

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

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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 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.

DIAGRAM 3



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