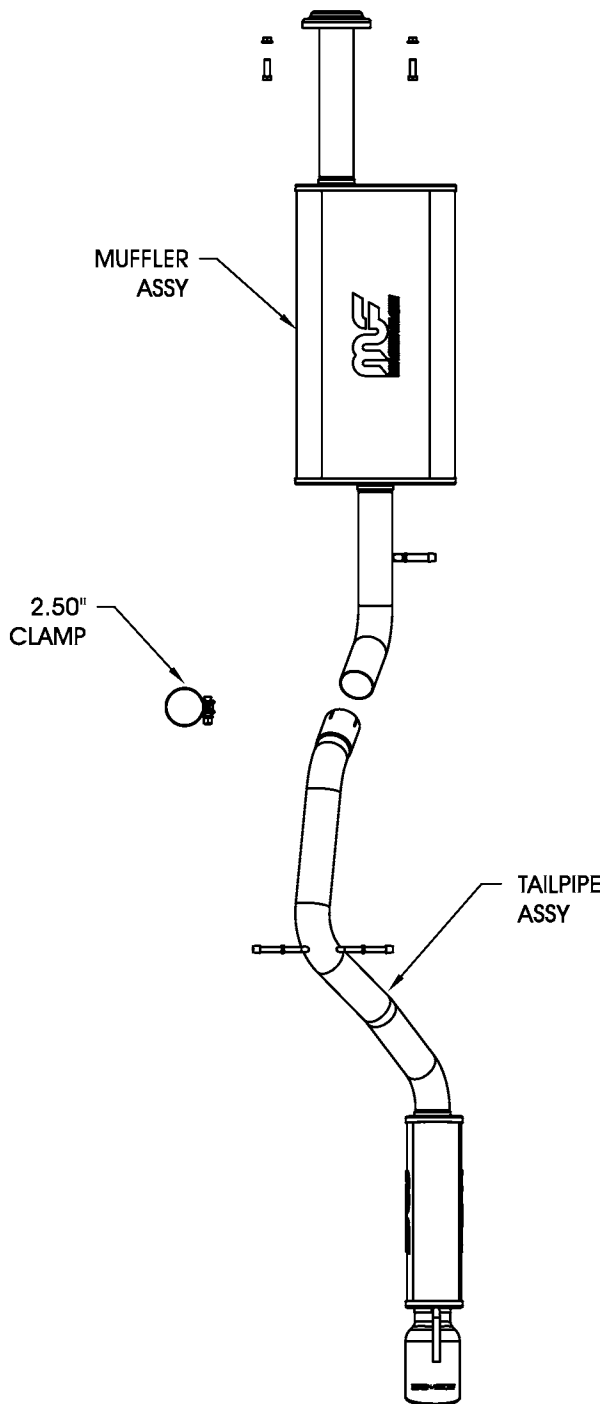


2005- Jeep Grand Cherokee 5.7L V8 Hemi / 2006- Jeep Commander 5.7L V8



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. To remove the OEM exhaust system, unbolt the OEM fasteners at the flange location behind the muffler, then disengage the welded hangers from the rubber insulators and remove the Tailpipe. Do not damage the OEM rubber insulators, as they will be reused to mount the new system. Remove the OEM fasteners located at the inlet flange location, behind the catalytic converter. Disengage the welded hangers from the OEM rubber insulators and remove the muffler assembly from the vehicle.

Step 2: Install the new exhaust system in a front to rear method. Using the provided fasteners, install the muffler assembly at the flange location behind the catalytic converter, then insert the welded hangers into the OEM rubber insulators. Leave all clamps and fasteners loose for the final adjustment of the complete system. Using the provided 2.50" clamp, install the tailpipe assembly, then 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.)

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.

*MAGNAFLOW Performance Exhaust recommends professional installation on all their products

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