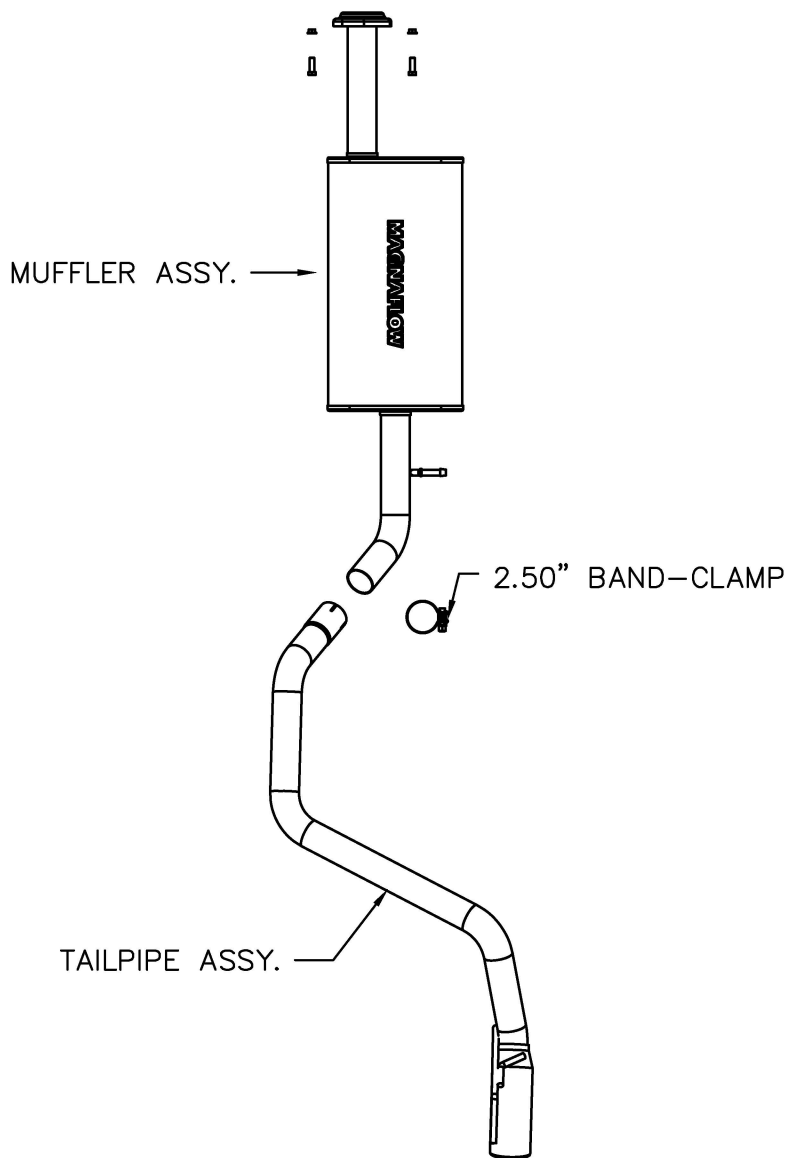


2005— JEEP GRAND CHEROKEE — V-6/V8 3.7/4.7L

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, you will need to cut the tailpipe just behind the muffler. You can then remove the OEM fasteners located in the inlet flange just behind the catalytic converter. Disengage the welded hangers from the OEM rubber insulators, and remove the system from the vehicle. Do not damage the OEM rubber insulators, as they will be reused to mount the new system.

Step 2: Install the new muffler assembly by fitting the welded hanger into the rubber insulator and fastening the inlet to the flange at the rear of the catalytic converter using the provided fasteners (Be sure to leave all clamps and fasteners loose for final adjustment of the complete system). Install the new tail pipe by fitting the welded hanger into the rubber insulator, and by fastening it to the muffler using the supplied 2.50" clamp.

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

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