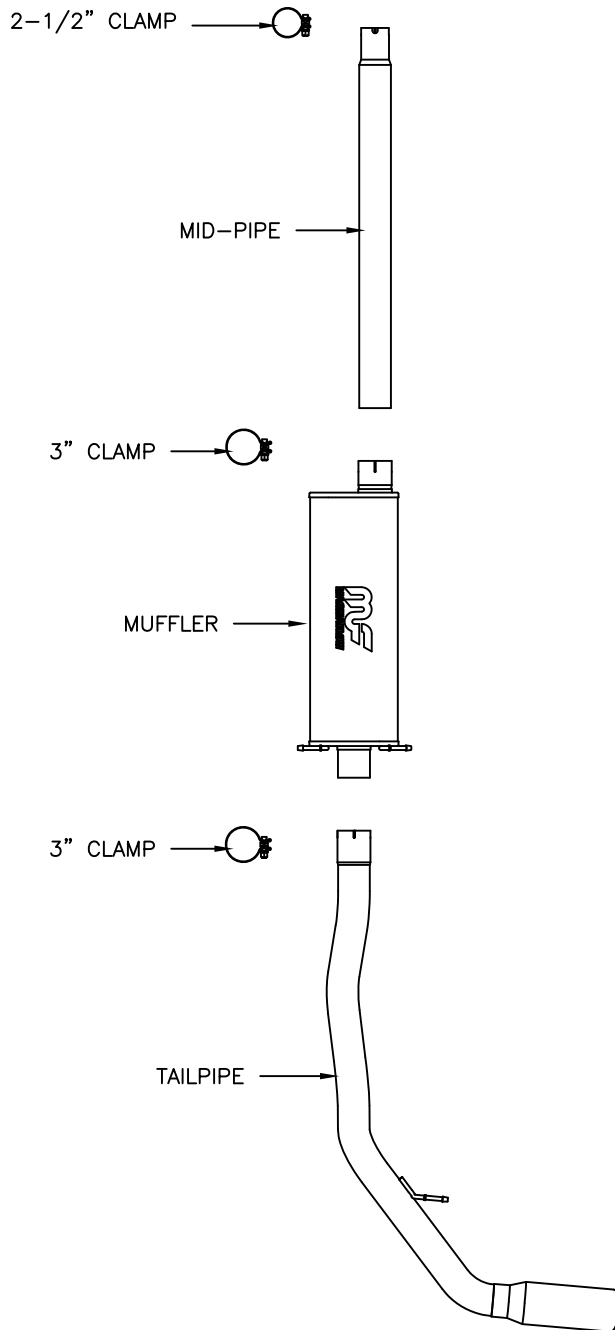


1997-2004 FORD F-150 / LINC. BLACKWOOD - V8 4.6/5.4L, EXT. CAB SHORT BED



**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 safe work area. Serious injury or death could occur if safety measures are not followed.

**Step 1:** (Carefully read all instructions before installation) To remove the OEM exhaust system, you will need to cut the front of the tailpipe about 1" behind the muffler. Once this is done, the tailpipe can be removed from the OEM rubber insulators and extracted from the vehicle. Do not damage the OEM rubber insulators, as they will be re-used to mount the new exhaust system. Unbolt the clamp attaching the front muffler extension to the catalytic converter extension, and remove the assembly from the OEM rubber insulators.

**Step 2:** Begin installation by bolting the new mid-pipe to the catalytic converter extension using the supplied 2-1/2" clamp. Be sure to line up the notch at the front of the mid-pipe with the peg on the catalytic converter extension. Leave all fasteners loose for final adjustment. Install the muffler by fitting the welded hangers into the OEM rubber insulators and by fitting it to the mid-pipe with a supplied 3" clamp. Install the tailpipe by fitting the welded hangers into the OEM rubber insulators and by fitting it to the muffler using a supplied 3" 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