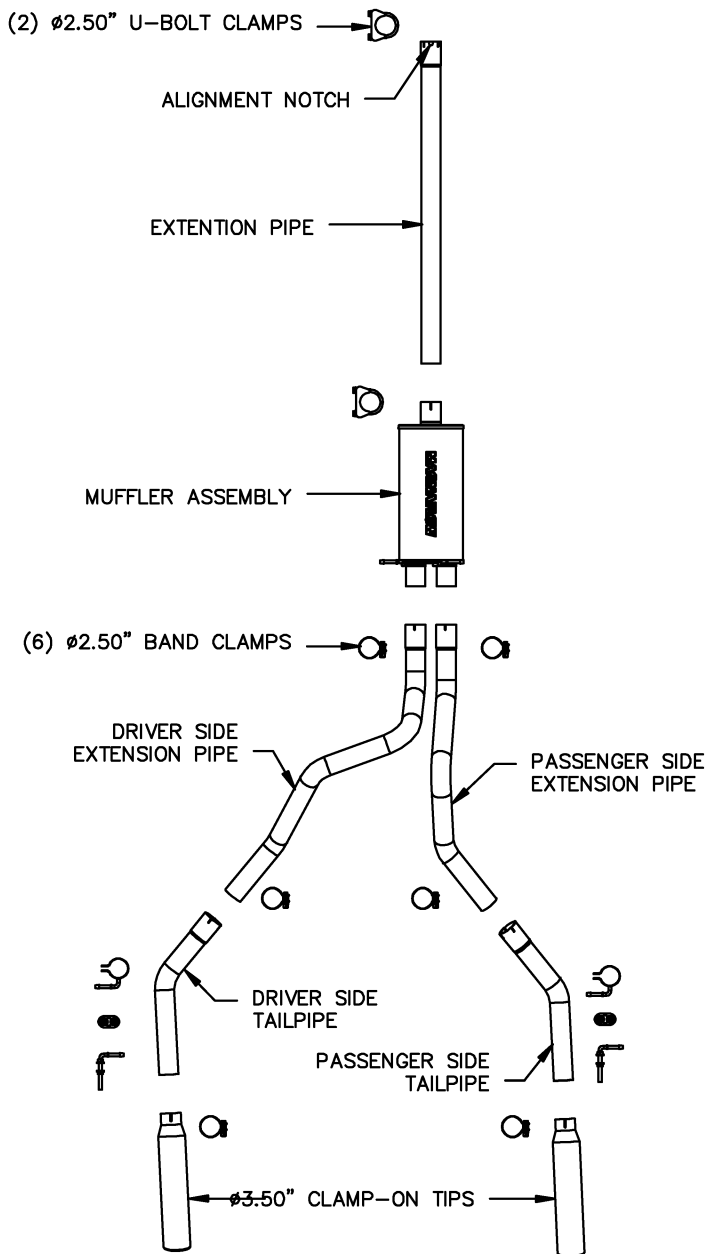


1997–2003 FORD F-150 4.6L/5.4L V8 EC/SB DUAL REAR EXIT

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.

**Note:** MAGNAFLOW Performance dual exit truck systems are designed to fit stock-height vehicles with OEM hitches and spare wheel and tire combos. Vehicles with aftermarket components such as trailer hitches, larger spare wheel and tire, or ride height changes may require modification of the exhaust system for a proper fit and finish.

**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 extension pipe to the catalytic converter extension using the supplied 2.50" clamp. Be sure to line up the notch at the front of the extension pipe with the peg on the catalytic converter extension. Leave all fasteners loose for final adjustment. Working rearward, install the muffler, extension pipes, and tailpipes using the supplied hardware as shown in the system diagram. A hanger bracket and mounting fasteners are supplied to hang the tailpipes from a pre-drilled hole in the frame as shown in Diagram 2 and 3. (The photo of the hanger assembly may differ slightly for your vehicle, it is provided for reference). You can now adjust the height of the tailpipes by adjusting the threaded hangers. Adjustable tip assemblies are provided to fit a variety of aftermarket bumpers and rollpans. Once a final position is chosen for the tips, it is recommended to have them welded to the tailpipes.

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

Technical support: 1-800-959-9226 ext. 4500  
MAGNAFLOW Performance Exhaust – 22961 Arroyo Vista – Rancho Santa Margarita, CA 92688



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## INSTALLATION INSTRUCTIONS FOR 15749

1997–2003 FORD F-150 4.6L/5.4L V8 EC/SB DUAL REAR EXIT



DIAGRAM 2

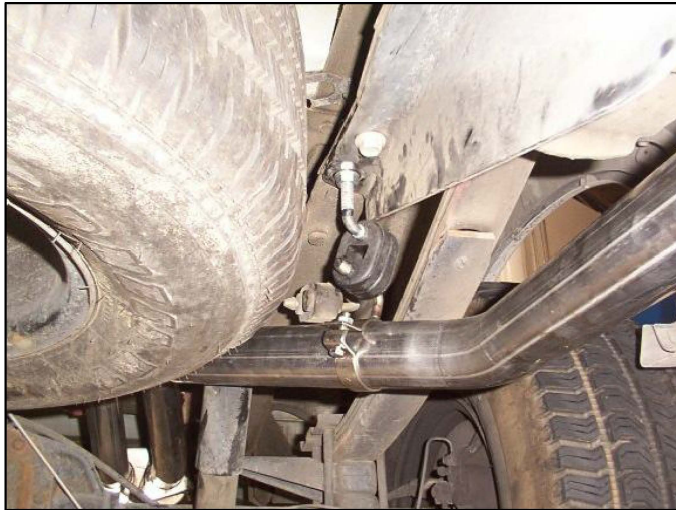


DIAGRAM 3

**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.

**Note:** MAGNAFLOW Performance dual exit truck systems are designed to fit stock-height vehicles with OEM hitches and spare wheel and tire combos. Vehicles with aftermarket components such as trailer hitches, larger spare wheel and tire, or ride height changes may require modification of the exhaust system for a proper fit and finish.

**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.

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