



INSTALLATION INSTRUCTIONS FOR 15821/16612/16613

2004- FORD F-150 4.6L/5.4L V-8 SHORT BED MODELS

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.

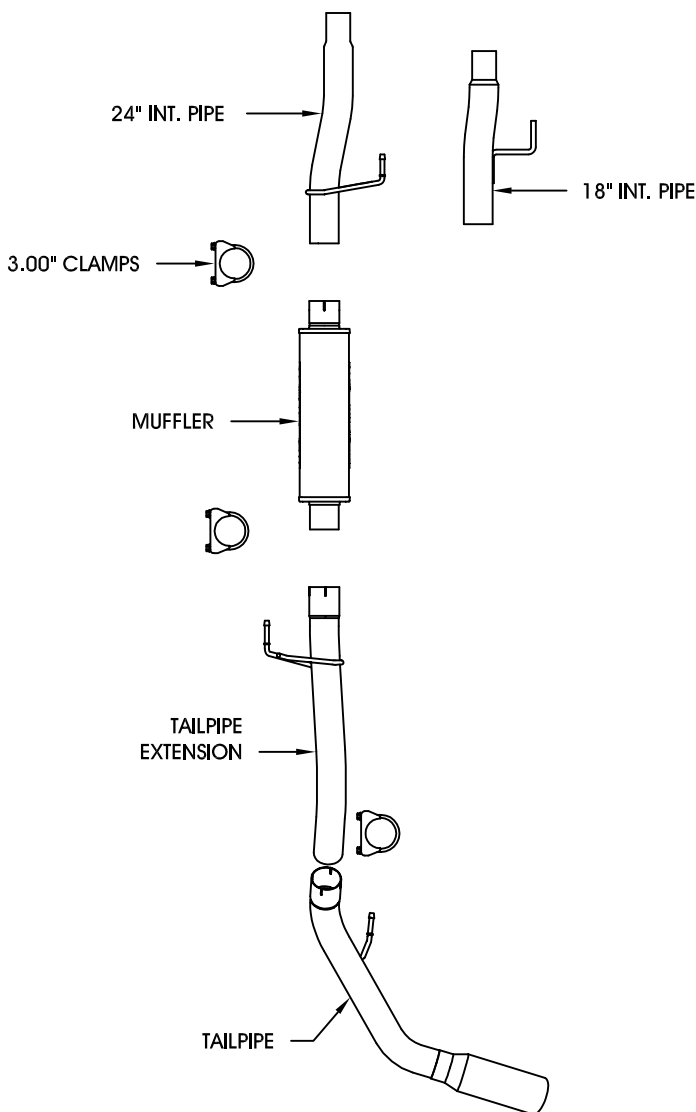
Step 1: (Carefully read all instructions before installation)

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. Unbolt the clamp attaching the OEM muffler inlet to the catalytic converter extension. The OEM system can now be removed by disengaging the welded hangers from the OEM rubber insulators (Do not damage the OEM rubber insulators, as they will be reused to mount the new system.) You may need to cut the tailpipe about 1" behind the muffler to aid in removal.

Step 2: Early 2004 trucks will need to use the 24" long intermediate pipe, and newer models will use the 18" intermediate pipe. Once you've determined which length you need, fasten the inlet-end to the catalytic converter extension using the OEM clamp assembly and by fitting the welded hanger into the OEM rubber insulator, if applicable (Leave all clamps and fasteners loose for final adjustment of the complete system.) Install the muffler, tailpipe extension, and tailpipe in the same fashion using the supplied 3.00" clamps.

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. You can now connect the battery, start the vehicle and check for any leaks. 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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