



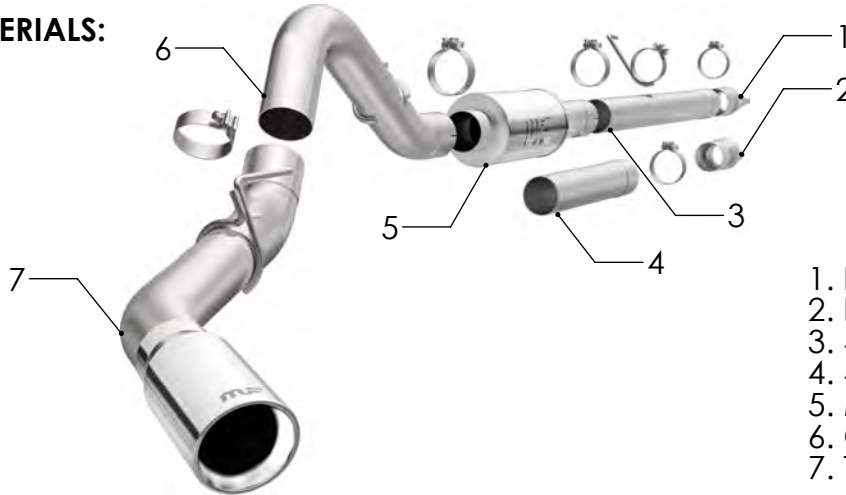
INSTALLATION INSTRUCTIONS



FORD F-150

PART NO. 19577

BILL OF MATERIALS:



1. INLET PIPE ASSY '15-'20
2. INLET PIPE ASSY '21
3. 4.00X41.13" EXTN PIPE
4. 4.00X22.00" EXTN PIPE
5. MUFFLER SUB ASSY
6. OVER AXLE PIPE ASSY
7. TAIL PIPE ASSY

SHOP SUPPLIES:

HARDWARE KIT:



WEAR SAFETY GLASSES



READ INSTRUCTIONS THOROUGHLY BEFORE INSTALLING PRODUCT



SPRAY LUBRICANT

To ease removal of existing exhaust components (especially on older vehicles) spray penetrating lubricant on all fasteners and hangers/insulators that will be loosened or removed and let soak before disassembly.

1. [1] HANGER CLAMP
2. [5] 4.00" CLAMP
3. [2] M10-1.50 NUT
4. [2] FLAT 7/16" WASHER

MINIMUM REQUIRED TOOLS:



Sawzall or similar cutting tool



15 mm 13mm



Hanger Tool (Or Pry Bar)

MAGNAFLOW RECOMMENDS PROFESSIONAL INSTALLATION ON ALL THEIR PRODUCTS



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.

ATTENTION: Always install any supplied band or U-bolt clamps to the proper torque specifications of 40-45 ft-lb for band clamps and 30-35 ft-lb for U-bolt clamps. Over tightening will result in the clamps breaking and will NOT be warranted by MagnaFlow.

MAGNAFLOW: 1901 Corporate Centre Dr - Oceanside, CA 92056 | 1(800)990-0905
Technical Support: 1(800) 959-9226 | Email: moreinfo@magnaflow.com

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Step 1. To remove the OEM exhaust system, loosen the factory clamp forward of the muffler. Loosen the nuts attaching the resonator assembly to the flange junction. Rotate the resonator assembly to release the muffler inlet locking boss. Remove the nuts at the inlet flange. Working front to rear disengage all welded hangers from the rubber insulators and remove the OE system. Be sure to retain all mounting hardware as it will be needed to install your new MagnaFlow system.

CONFIGURATION	INLET PIPE ASSY LENGTH	EXTENSION PIPE LENGTH
122" REG CAB 6.5' BOX	22.5"	N/A
141" REG CAB 8.0' BOX	41.5"	N/A
145" SUPER CAB 6.5' BOX	45.5" (NO CUT)	N/A
145" SUPER CREW 5.5' BOX	45.5" (NO CUT)	N/A
157" SUPER CREW 6.5' BOX	45.5" (NO CUT)	15"
164" SUPER CAB 8.0' BOX	45.5" (NO CUT)	22" (NO CUT)

Step 2. Your new MagnaFlow system comes with two Inlet Pipe Assemblies that will attach to the 41.13" Extension Pipe using the supplied clamp. Choose the one appropriate for your vehicle's model year. Determine the overall length of the Inlet Pipe Assembly and the 22" Extension Pipe using the chart above. The measurements refer to the overall lengths needed after cutting.



Step 3. Begin installation by loosely attaching the Inlet Pipe Assembly to the OEM flange outlet using the supplied hardware.



Step 4. Loosely install the supplied Hanger Clamp Assembly to either the Inlet Pipe Assembly or the Extension Pipe depending on your vehicle's configuration. Locate the welded hanger to the forward rubber insulator as shown.

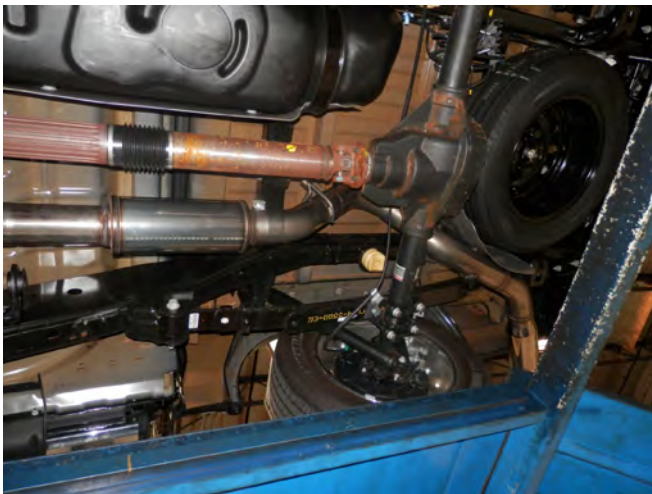


Step 5. Next loosely install the Muffler Assembly to the Inlet Pipe Assembly or Extension Pipe using the supplied clamp. Engage the welded hanger to the rubber insulator.

INSTALLATION INSTRUCTIONS



Step 6. Loosely install the Over Axle Pipe Assembly using the supplied clamp. Engage the welded hanger to the rubber insulator.



Step 7. Loosely install the Tail Pipe Assembly using the supplied clamp. Engage the welded hanger to the rubber insulator.



Step 8. Once a final position have been choden for the new exhaust system, evenly tighten all clamps from front to rear using the torque specifications on page one of these instructions. Inspect all fasteners after 25-50 miles of operation and re-tighten if necessary.