

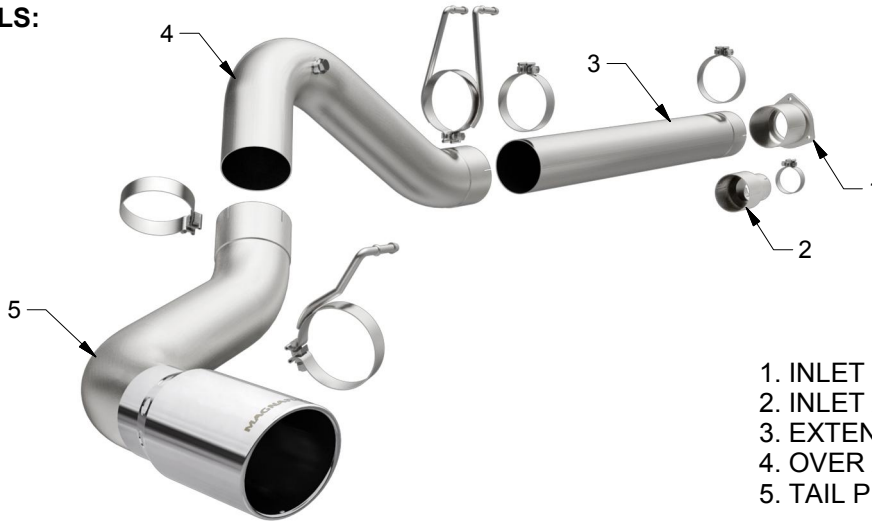


# INSTALLATION INSTRUCTIONS



'07.5-'17 FORD F-250/F-350 6.4/6.7L ALZD | PART NO. 18950

### BILL OF MATERIALS:



- 1. INLET PIPE ASSEMBLY
- 2. INLET ADAPTER 6.4L
- 3. EXTENSION PIPE
- 4. OVER AXLE PIPE ASSEMBLY
- 5. TAIL PIPE ASSEMBLY



WEAR SAFETY GLASSES



READ INSTRUCTIONS THOROUGHLY BEFORE INSTALLING PRODUCT

### SHOP SUPPLIES:



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.

### HARDWARE KIT:

- 1. [3] 5.00" Clamp
- 2. [1] 3.50" Clamp
- 3. [1] Hanger Clamp Assy #1
- 4. [1] Hanger Clamp Assy #2

### MINIMUM REQUIRED TOOLS:



15mm



Hanger Tool (Or Pry Bar)



Sawzall or other cutting tool

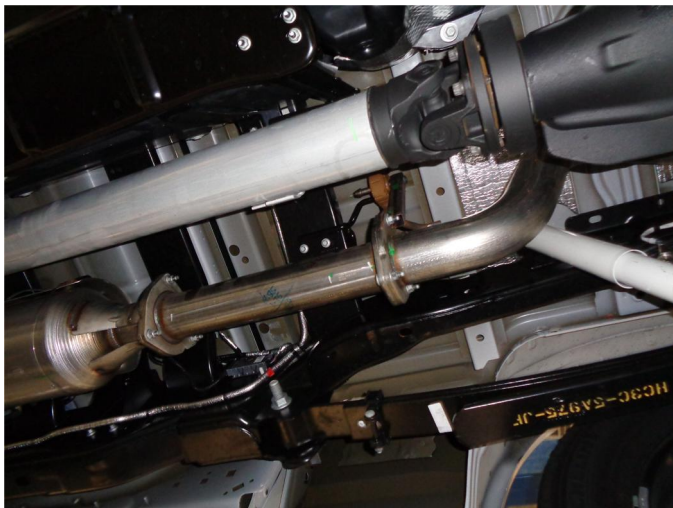
## MAGNAFLOW RECOMMENDS PROFESSIONAL INSTALLATION ON ALL THEIR PRODUCTS



**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-lbs for band clamps and 30-35 ft-lbs for U-bolt clamps. Over tightening will result in the clamp breaking and will NOT be warranted by MagnaFlow.

# INSTALLATION INSTRUCTIONS



**Step 1.** To remove the OEM exhaust remove the O2 sensor from the over axle pipe (6.7L only). Unbolt the extension pipe assembly from from the DPF outlet flange (6.7L) or loosen the band clamp attaching the inlet pipe (6.4L). Working front to rear disengage all welded hangers from the rubber insulators. Be sure to retain all mounting hardware as it will be needed to install your new MAGNAFLOW system.

2007.5 - 2010 6.4L			
W/BASE	CONFIG	EXTN. PIPE	ADAPTER
172.4"	CC/LB	NO CUT	NO CUT
156.2"	CC/SB	26.3"	NO CUT
158.0"	EC/LB	28.1"	NO CUT
141.8"	EC/SB	11.9"	NO CUT
137.0"	SC/LB	7.1"	NO CUT

2011 - 2017 6.7L			
W/BASE	CONFIG	EXTN. PIPE	ADAPTER
176.0"	CC/LB	11.5"	NO CUT
159.8"	CC/SB	26.5"	NO CUT
164.2"	EC/LB	30.50 in	NO CUT
148.0"	EC/SB	NOT USED	NO CUT
141.6"	SC/LB	NOT USED	3.5"

**Step 2.** Determine the overall length of the Inlet Pipe Assembly and the Extension Pipe, if required using the chart. The measurements are what needs to be cut from the outlet end of the pipes.



**Step 3.** Begin installation by loosely attaching the Inlet Pipe Assembly to the OEM flange outlet using the OEM hardware (6.7L), or loosely attach the Inlet Adapter to the DPF outlet using the supplied clamp (6.4L). Loosely attach the Extension Pipe, if needed, using the supplied clamp.



**Step 4.** Loosely install the Over Axle Pipe Assembly using the supplied clamp. Remove the sensor plug for 6.7L application. Loosely slip the Hanger Clamp Assembly over the pipe and locate the welded hangers to the rubber insulators.



**Step 5.** Loosely slip the Hanger Clamp Assembly over the Tail Pipe Assembly. Loosely install the Tail Pipe Assembly using the supplied clamp. Engage the welded hanger to the rubber insulator.



**Step 6.** Reattach the O2 sensor (6.7L only).



**Step 7.** Once a final position has been chosen for the new exhaust system, evenly tighten all clamps from front to rear using the torque specifications on page one of the instructions. Inspect all fasteners after 25-50 miles of operation and re-tighten if necessary.