

Installation Instructions

K5342A

2003-2007 Ford 6.0L F250-F350 5"

Tools needed: 9/16" end wrench or socket, 7/16" deep socket, hacksaw or sawzall, aerosol lubricant.
(If your vehicle is equipped with a catalytic converter, it is unlawful to remove.)



Removal of Original System

- 1) Start under the vehicle. Remove the band clamp that holds the stock system to the converter by loosening the bolt and gently prying the clamp loose. Gently remove the clamp and save for reinstallation.
- 2) Remove the band clamp that holds the stock system to the converter by loosening the bolt and prying the clamp loose. Do not cut when installing on longer models.
- 3) Cut the original system just behind the muffler.
- 4) Spray the stock hangers with aerosol lube and pry rubber mounts from the system. Leave the rubber mounts attached to the truck for re-use.
- 5) Remove the old system from the cat back.
- 6) Loosen the bolts that hold the converter to the stock down pipe. Remove the converter and keep for reinstallation. You must reinstall the converter.
- 7) Remove the stock down pipe. You may need to cut it or remove the transmission mount to get enough room. Stop and think before you do either of these a mistake at this time could be very costly.

Installation of New Performance System

(Recommended Procedure: Do not fully tighten any clamps until the complete system is installed and aligned.)

- 1) From under the truck, install the down pipe with the stock clamp to the turbo. Tighten clamp so you still have some movement.
- 2) Install the down pipe extension with a clamp.
- 3) Reinstall the converter to the down pipe extension with a gasket (not pictured).
- 4) From under the truck, install the 3 1/2"-5" adapter to the stock catalytic converter using a clamp.
- 5) Install the 40" straight pipe into the muffler inlet using a clamp.
- 6) Hang the muffler in the stock location using the hanger clamp on the straight pipe and the hanger clamp on the muffler outlet.
- 7) Install the first tailpipe section into the outlet of the muffler using the hanger clamp already installed.
- 8) Rotate the pipe as needed to pass next to the shock absorber and over the rear axle.
- 9) Install the second tailpipe into the outlet of the first tailpipe with a clamp. Rotate as needed to level the outlet behind the right rear tire. Attach the hanger clamp to the second tailpipe using the rubber in the stock location.
- 10) Measure between the outlet of the 3 1/2"-5" adapter and the inlet of the muffler. (Add 5" to this measurement for the slip-joints.)
- 11) Remove and cut the straight pipe and reinstall between the adapter and the muffler using a clamp at the adapter outlet and the muffler inlet.
- 12) Install the hanger clamp near the front of the straight pipe using the stock rubber.
- 13) Starting at the converter, align all pipes and tighten all clamps. Start the engine and check for leaks.