

**INSTALLATION INSTRUCTIONS FOR
DYNOMAX KIT: 39376**

2003-99 Ford F250, F350 Super Duty 7.3L Powerstroke Diesel



2701 N. Dettman Rd.
Jackson, MI 49201

DANGER WARNING: SHOULD THE PURCHASER DECIDE TO INSTALL ANY EXHAUST PRODUCT AT HOME, BE WARNED THAT PASSENGER CAR OR LIGHT DUTY TRUCK/VAN "BUMPER" JACKS ARE INTENDED FOR EMERGENCY USE ONLY. THE USE OF FRAME CONTACT JACK STANDS IN CONJUNCTION WITH A FLOOR JACK AS MAIN SUPPORT IS HIGHLY RECOMMENDED TO MINIMIZE ACCIDENTAL DROPPING OF A VEHICLE DURING THE INSTALLATION PROCESS.

NOTE: Read all instructions before beginning the installation.

1. Lower or completely remove the spare tire from under the truck. This will help in the removal of the original equipment (OE) exhaust and with the installation of the DynoMax system.
2. Remove the OE muffler assembly. Lubricate the rubber insulators with WD-40 or similar product to aid in removing the rod brackets. The OE muffler assembly should be removed forward of the rear axle.
3. Remove the OE intermediate pipe just ahead of the OE muffler assembly.
4. For ease of removal, it is recommended to cut the OE turbocharger down pipe at a point just behind the bend that routes the pipe along the RH frame.
5. Loosen the clamp at the turbocharger outlet and remove the down pipe. The use of screwdriver, or similar tool, may be required to pry the clamp loose.
6. Reusing the original clamp, install the DynoMax down pipe 53236. Snug the inlet clamp, but do not fully tighten. Two people will be needed to install the down pipe.
7. Install the front intermediate pipe **54219**. Install hanger clamp **36366**. Position this but do not fully tighten on the pipe.
8. Install rear intermediate pipe **55144**. Cut-off the outlet (OD sized) end will be required as listed this is a guide. Please measure your system before cutting.
 - a. For 172.4" W.B. (crew cab, long box) — no cut is required.
 - b. For 158" W.B. (ext. cab, long box) — cut 14" off the outlet end.
 - c. For 156.2" W.B. (crew cab, short box) — cut 16" off the outlet end.
 - d. For 141.4" W.B. (ext. cab, short box) — cut 30" off the outlet end.
 - e. For 137" W.B. (reg. cab, long box) — cut 35" off the outlet end.

9. Position hanger clamp **36367** for both crew cab models or **36368** for ext. cab long box models.
10. Snug hanger clamp to pipe 55144. Do not fully tighten.
11. Install muffler **17538** with the outlet bracket **36263**. Use saddle clamp **35752** at the muffler outlet.
12. Install tail pipe **55142** and tip **36365**. Use a band clamp with tip.
13. Beginning at the turbocharger down pipe, and working toward the outlet, align all parts and tighten all clamps.
14. Secure the spare tire and check for clearance to the tail pipe. The spare tire can be adjusted for clearance by moving it slightly toward the rear bumper area.
15. Start the engine and check for leaks or rattles. Adjust as required.
PLEASE SEE THE SYSTEM DIAGRAM ON THE BACK PAGE.

KIT CONTAINS:

- (1) 17538 MUFFLER
- (1) 53236 PIPE
- (1) 54219 PIPE
- (1) 55144 PIPE
- (1) 55142 PIPE
- (1) 36365 TIP
- (1) 36263 HANGER
- (1) 36366 HANGER/CLAMP
- (1) 36367 HANGER/CLAMP
- (1) 36368 HANGER/CLAMP
- (4) 33274 BAND CLAMPS
- (1) 35752 SADDLE CLAMP
- (1) 709034 INSTRUCTION SHEET

39376 SYSTEM DIAGRAM

