

**INSTALLATION INSTRUCTIONS FOR  
DYNOMAX KIT: 39448**  
2006-04 Ford F250, F350 6.0L, 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 CONNECTION 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 starting any work.**

1. It is suggested to lower or completely remove the spare tire from under the truck. This will help in the removal of the original equipment (OE) exhaust system and with the installation of the DynoMax exhaust kit.
2. Remove the existing exhaust system assembly from the vehicle. Lubricate the rubber insulators with WD-40, or similar product, to aid in removing the rod hangers. The OE turbo down pipe may have to be cut into two pieces for easy removal. If your truck came with a catalytic converter, do not discard. You will need to reinstall this later.

3. Reusing the OE clamp at the turbocharger outlet connection, install DynoMax front down pipe **53476**. (You may find it easier to install if two people complete this task.) Snug the inlet clamp but do not fully tighten. Install the DynoMax rear down pipe **52306**. See the system diagram included in these instructions. Use a 3 1/2" band clamp to connect this pipe to the outlet of 53476. Snug the bolts on the band clamp but do not fully tighten.

4. If so equipped, reinstall your OE catalytic converter. If your vehicle did not come with a converter install DynoMax exhaust pipe **53446** using gasket **31622** and bolt kit **36426**. Make sure to insert the metal rod hanger, on the OE converter or DynoMax exhaust pipe, into the rubber insulator on the chassis. See diagram included in these instructions.

5. Install DynoMax tail pipe **55142** by inserting the metal rod hanger into the rubber insulator at the rear of the RH frame rail. Temporarily support the inlet end of the tail pipe..

6. Install DynoMax muffler **17538** and rear muffler hanger **36363** or **36406**. (NOTE: The 2004 model year trucks may use 36363 or 36406. 2006-05 models should use 36406.) Use a **4" saddle clamp** at the outlet of the muffler to connect the tail pipe and the hanger. Insert the two metal rod hangers, on 36363 or 36406, into the rubber isolators above the rear of the muffler. Now, measure the distance between the outlet of the catalytic converter, or exhaust pipe 53446, and the inlet of the 17538 muffler. Be sure to add length for 2" minimum overlap on both ends. If reusing the OE converter, you will need to install adapter **51018** to the outlet end of the converter.) See diagram.

8. Transfer the length measurement onto extension pipe **55144**. Cut off any pipe length not required on 55144 by cutting the 4.00" OD sized (outlet) end that connects to the 17538 muffler inlet. Be sure not to cut off length on the 4.00" ID sized end.
9. Install clamp-on rod hangers **36368** and **36405** as required. See system diagram for general location of the hangers. The location of these hangers will vary depending on the truck's wheelbase length. Seal the 55144 extension pipe connection using the 4" band clamps. Snug the clamp bolts but do not fully tighten at this time.
10. Install DynoMax stainless steel tip **36365** with a 4" band clamp. Position the band clamp with the fasteners on the top.
11. Beginning at the inlet end, align the exhaust system components and fully tighten all the clamps.
12. Please see the diagram on the back page of these instructions.

**KIT CONTAINS:**

- (1) 17538 MUFFLER
- (1) 53476 FRONT DOWN PIPE
- (1) 52306 REAR DOWN PIPE
- (1) 53446 EXHAUST PIPE
- (1) 51018 ADAPTER PIPE
- (1) 55144 EXTENSION PIPE
- (1) 55142 TAIL PIPE
- (1) 36365 TIP
- (1) 36426 BOLT KIT
- (1) 36368 CLAMP-ON HANGER
- (1) 36405 CLAMP-ON HANGER
- (1) 36263 T-HANGER
- (1) 36406 T-HANGER
- (1) 31622 GASKET
- (2) 3 1/2" BAND CLAMPS
- (1) 4" U-BOLT CLAMP
- (3) 4" BAND CLAMPS
- (1) 709038 INSTRUCTION SHEET

# 39448 SYSTEM DIAGRAM

