

**INSTALLATION INSTRUCTIONS FOR  
DYNOMAX SYSTEM KIT: 19383**

2003 Dodge Ram 2500/3500 5.9L Cummins  
Turbo Diesel, 140.5" & 160.5"



2701 N. Dettman Rd.  
Jackson, MI 49201

**DANGER WARNING:** SHOULD THE PURCHASER DECIDE TO INSTALL THIS EXHAUST PRODUCT AT HOME, BE WARNED THAT LIGHT DUTY TRUCK "BUMPER" JACKS ARE INTENDED FOR EMERGENCY USE ONLY. THE USE OF FRAME CONTACT JACK STANDS IS HIGHLY RECOMMENDED TO MINIMIZE ACCIDENTAL DROPPING OF A VEHICLE DURING THE INSTALLATION PROCESS.

**NOTE:** Please read all instructions before starting any work.

1. 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 system.
2. Lubricate the Rubber Hanger Insulators with WD-40 or similar product to aid in removing the Rod Hangers.
3. Remove the OE Exhaust System by first loosening and removing the inlet Muffler Clamp. The Muffler and Tail Pipe can be removed together and forward of the rear axle. Next, loosen the clamps and remove the Intermediate Pipes.
4. Remove the OE Turbocharger down Pipe by loosening the inlet Clamp. You may have to pry on the inlet Clamp to break it loose.
5. Re-use the inlet Clamp and install the DynoMax Turbocharger Down Pipe **53281**. Insert the Rod Hanger and guide the Pipe to seat on the turbo outlet. Snug the clamp, but do not fully tighten.
6. Install the Front Intermediate Pipe **54274** and rear Intermediate Pipe **42531**. 42531 will need to be shortened to fit the 140.5" W.B. trucks.
7. Install Hanger **36382** onto Pipe 42531 and position into the insulator. There are two OE Hanger Insulators just ahead of the Muffler location. The DynoMax System will not use the Hanger Insulator right in front of the muffler.

8. Install DynoMax Ultra Flo Muffler **17537** and rear Muffler Hanger **36383**.
9. Install DynoMax Tail Pipe **55196** and insert the Rod Hanger into the Insulator. Snug the 36383 Clamp Hanger, but do not fully tighten.
10. Install the DynoMax Stainless Steel Tip **36365**.
11. Install and position all Band Clamps and U-Bolt Clamps.
12. Starting at the inlet and working back, align all parts for proper clearance and tighten all clamps.
13. Be sure to allow clearance to brake lines, fuel lines, rear axle vent hoses and emergency brake cables.
14. Start engine and check for leaks. After one week of use, re-check all clamps to be sure each is still properly tightened.

**SEE THE FULL SYSTEM DIAGRAM ON BACK PAGE.**

**KIT CONTAINS:**

- (1) 17537 MUFFLER
- (1) 53281 DOWN PIPE
- (1) 54274 FRONT INTERMEDIATE PIPE
- (1) 42531 REAR INTERMEDIATE PIPE
- (1) 55196 TAIL PIPE
- (1) 36365 STAINLESS STEEL TIP
- (1) 36382 HANGER
- (1) 36383 HANGER
- (4) 33286 ALUMINIZED BAND CLAMP
- (1) INSTRUCTION SHEET

# 19383 SYSTEM DIAGRAM

