

**INSTALLATION INSTRUCTIONS FOR  
DYNOMAX KIT: 19431**

2006 Dodge Ram 1500, 3.7L, 4.7L, 5.7L  
All Cab Types, All W.B., 2WD/4WD, Dual Exhaust



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 starting any work.

1. Remove the O.E. muffler, the pipe(s) just ahead of the O.E. muffler, and the O.E. tail pipe
2. Install DynoMax front pipe **56080\*** to the outlet of the converter/y-pipe assembly  
**\*NOTE:** Please apply the following cut-off to the outlet end of 56080 depending on the cab type / wheel base of the truck. For reg cab, short bed (120.5" W.B.) cut 25" off the outlet end. For reg cab, long bed and quad cab, short bed (140.5" W.B.) cut 5" off the outlet end. For quad cab, long bed (160" W.B.) no cut-off is required and also install 42606 to the outlet of 56080. Finger tighten the inlet clamp on 56080 and the inlet clamp on 42606, if required. Also position clamp-on rod hanger **36318** to either of the rubber isolators located just head of the O.E. muffler. See diagram.
3. Install DynoMax Super Turbo muffler **17674** or equivalent. The muffler should lay flat when positioned. Finger tighten the muffler inlet clamp (3" size).
4. Install RH tail pipe **55302**. Position the pipe rod hanger into the proper isolator above the rear of the muffler. Finger tighten the 2½" clamp.
5. Install LH tail pipe **56082**. Position the pipe rod hanger into the proper isolator above the rear of the muffler. This pipe should route above the rear axle and back between the spare tire and left side rear shock absorber. Use the cable ties, included in kit, to tie back the brake hoses, parking brake cable, and anti-lock wiring harness, or differential vent tubes away from the tail pipe. Be sure to consider suspension travel when relocating the hoses and cables. Finger tighten the 2½" clamp.

6. Both tail pipes are supported at the rear by hangers **35103** included in kit. These hangers are bolted to the frame by using a rectangular shaped hole on each side. This rectangle hole is located approximately 12" behind the OE tail pipe hanger location on the right hand side. The left hand location should be at approximately the same distance back. Install the hangers by using the **36363** bolt kit that includes bolts, washers and nuts. The 35103 hanger should be installed using the third hole from the top with bottom of the hanger rotated 90° to clamp to the tail pipes. The hanger height can be adjusted by using any of the other holes as required. The hanger should locate over the outlet ends of both tail pipes. Two additional 2½" clamps are included if the hangers do not position over the outlet of the tail pipes. Finger tighten 2½" clamps to the pipes.
7. Install the outlet extension pipes, **42596**, on each side. The outlets can be trimmed for a desired length or a tip can be added for the visual look desired.
8. Beginning at the inlet end, align all components and tighten all the clamps. Please see system diagram on back page of these instructions.

**KIT CONTAINS:**

- (1) 17674 MUFFLER
- (1) 56080 PIPE
- (1) 42606 PIPE
- (1) 55302 PIPE
- (1) 56082 PIPE
- (2) 42596 PIPES
- (1) 36318 HANGER
- (2) 35103 HANGERS
- (1) 36363 BOLT KIT
- (2) 162141 CABLE TIES
- (6) 2½" CLAMPS
- (3) 3" CLAMPS
- (1) 702460 INSTRUCTION SHEET

# 19431 SYSTEM DIAGRAM

