

**INSTALLATION INSTRUCTIONS FOR
DYNOMAX DUAL KIT: 19386**

2003 Dodge Ram 1500 5.7L Hemi V8, 140.5"
(Reg. Cab, Long Bed & Quad Cab, Short Bed
& 160.5" (Quad Cab, Long Bed) W.B. 2WD/4WD



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 just ahead of the O.E. muffler, and O.E. tail pipe. If the truck is a quad cab, long bed (160.5" W.B.), do **NOT** remove the 20" long O.E. extension pipe that is located just after the catalytic converter.
2. Install the DynoMax intermediate pipe **53284**. Install clamp-on rod hanger **36257** to the first rubber isolator downstream of the catalytic converter. The isolator closest to the muffler will not be used for this DynoMax installation. Finger tighten the inlet clamp on **53284** and the **36257** clamp
3. Install DynoMax muffler **17674** or equivalent. The muffler should lay flat when positioned. Finger tighten the muffler inlet clamp.
4. Install R.H. tail pipe **55125**. Position the pipe rod hanger into the proper isolator above the rear of muffler
5. Install L.H. tail pipe **46990**. 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 L.H. rear shock absorber. Use the cable ties to tie back the brake hoses, parking brake cable, 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.

6. Both tail pipes are supported at the rear by hangers **35103** or **35944**, included in kit. These hangers are bolted to the frame by using a rectangular shaped hole on each side. This rectangular hole is located approximately 3" behind the O.E. 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** or **35944** 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 hangers should locate over the outlet ends of both tail pipes.
7. Install the outlet extension pipes **53068**, on each side. The **35103** hanger clamp should be used to clamp the outlet extensions to the tail pipes. Each outlet extension pipe can be rotated for the desired fit height and span. The outlets can also be trimmed for a desired length or a tip can be added for the visual look wanted.
8. Beginning from the inlet end, position all components and tighten the clamps. Please see full system diagram.

KIT CONTAINS:

- (1) 17674 MUFFLER
- (1) 53284 PIPE
- (1) 55125 PIPE
- (1) 46990 PIPE
- (2) 53068 PIPES
- (1) 36257 HANGER
- (2) 35103 or 35944 HANGERS
- (1) 36363 BOLT KIT
- (2) 162141 CABLE TIES
- (2) 33300 CLAMPS
- (4) 33212 CLAMPS
- (1) 142189 INSTRUCTION SHEET

**19386
SYSTEM DIAGRAM**

