

**INSTALLATION INSTRUCTIONS FOR  
DYNOMAX KIT: 39450**

2008-05 Ford F150 4.6L, 5.4L, All Cab Types,  
All Wheel Bases, 2 & 4 W.D. - 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.

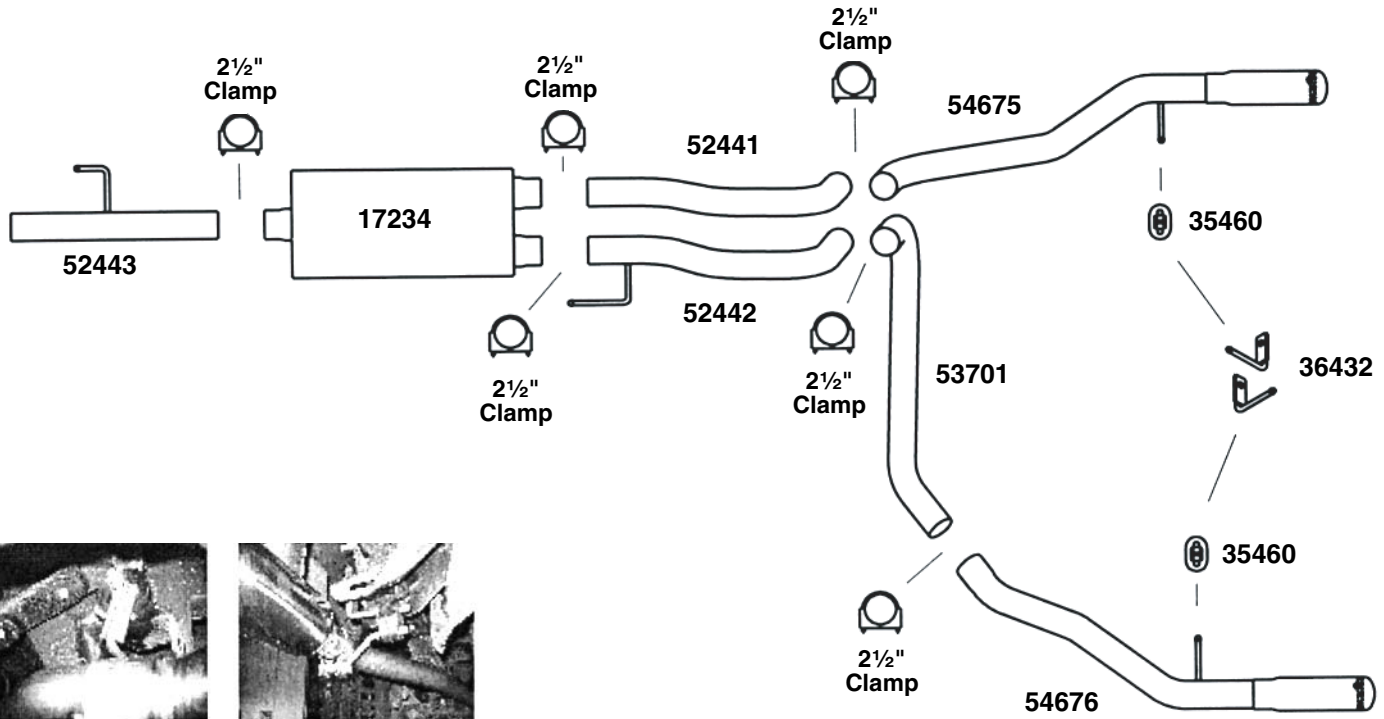
1. Remove the OE muffler/tail pipe welded assembly ONLY. Do not remove any extension pipes ahead of the OE muffler welded assembly. These front extension pipes must be reused.
2. Install DynoMax front pipe **52443** to the outlet of the OE extension pipe or converter assembly. Insert the rod hanger into the rubber isolator on the passenger side frame. Slightly tighten inlet clamp on 52443. Slip a 2½" wide band clamp over the outlet end of this pipe.
3. Install DynoMax muffler **17234**. The muffler should lay flat when properly positioned. Slightly tighten the 2½" muffler inlet clamp.
4. Install RH extension pipe **52441** and LH extension pipe **52442** into the muffler dual outlets. Position the pipe rod hanger, on 52442, into the OE rubber isolator. Reference the system diagram. Slightly tighten the 2½" wide band clamps at the muffler outlet connections.
5. Install the hanger brackets from the **36432** kit onto both the RH and LH lower rear spring shackle threaded fasteners by removing the nuts, attaching the brackets and retightening the nuts. Install rubber isolators **35460**, included in kit, onto the rod hangers of both 36432 brackets.
6. Slip a narrow 2½" band clamp over the outlet end of 52441 and install RH tail pipe **54675**. Insert the rod hanger into the 35460 rubber isolator just installed. Slightly tighten the 2½" band clamp at the pipe connection.

7. Install LH tail pipe **53701** onto 52442 using a 2½" wide band clamp at the connection. Slightly tighten this clamp.
8. Slip a narrow 2½" band clamp over the outlet end of 53701 and install LH tail pipes **54676**. Insert the rod hanger into the LH 35460 rubber isolator. See system diagram. Finger tighten the 2½" clamps at the pipe connections.
9. Beginning at the inlet end, position all components and tighten the clamps. Please see the full system diagram on back page.

**KIT CONTAINS:**

- (1) 17234 MUFFLER
- (1) 52443 PIPE
- (1) 52441 PIPE
- (1) 52442 PIPE
- (1) 54675 PIPE
- (1) 53701 PIPE
- (1) 54676 PIPE
- (1) 36432 BRACKET KIT
- (2) 35460 ISOLATORS
- (2) 2½" BAND CLAMPS (Narrow)
- (4) 2½" BAND CLAMPS (Wide)
- (1) 709183 INSTRUCTION SHEET

# 39450 SYSTEM DIAGRAM



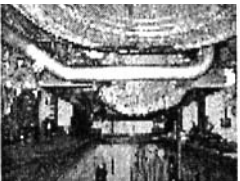
Position of 53701



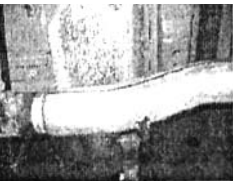
36432 LH Bracket and Pipe



36432 LH & 35460 Isolator



36432 RH & Pipe



52443 Front Pipe from below