

# FLOWMASTER™

## American Thunder™

SYSTEM #17421

2005-08 Ford Mustang

ALSO FITS: CONVERTABLE

V6 Engine

### Removal:

10/29/07

- 1) Raise the vehicle on a hoist or jack stands to working height and support securely with stands.
- 2) Use a **15mm** socket to loosen the nut on the clamped connection between the muffler and the over-axle pipe. Then use a **13mm** socket to remove the bolts that secure the muffler hangers to the frame of the vehicle. There are two hangers on each side each with two bolts. These hangers must be removed to allow removal of the stock muffler. After taking the hangers down, slide the muffler off of the over axle pipe and set the muffler aside. Take the hanger mounts off of the stock muffler and put them onto the Flowmaster muffler.

**Installation:** ( If you live in a geographical area that has harsh winters or sees a great deal of precipitation, the use of high tempature paint over the welded areas can help to prevent surface rust and premature corrosion.) Note: before installing anything, prep the clamps supplied in the hardware kit by removing the nuts, and applying a thick lubricant such as white grease or anti-seize to the threads.

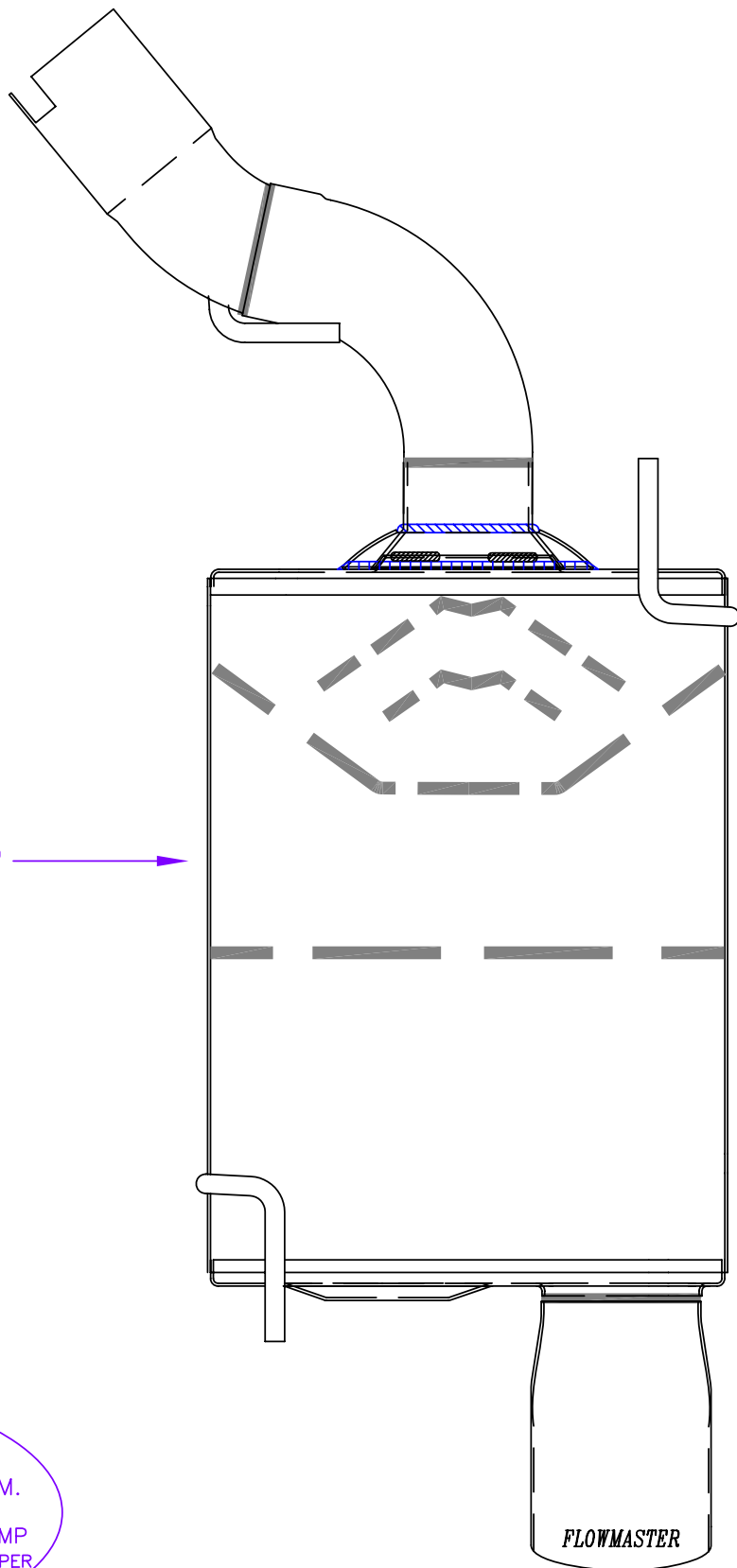
- 1) Place the supplied #MC250R ring clamp onto the inlet pipe of the muffler #952567-180 and slide the muffler onto the over-axle pipe, support with a stand. Place the hanger mounts back into position on the frame and reinstall the factory bolts. A **13mm** open end wrench will be needed to reach the bolts above the muffler. Level the muffler and tighten the clamp on the muffler inlet enough to hold but still allow for adjustment.
- 2) Adjust the position of the muffler to provide a satisfactory fit. A **minimum of 1/2" clearance** around all parts of the system must be maintained; while keeping suspension travel and vibration in mind. After adjustments have been made, you may now securely tighten all clamps and place the supplied 3/8" hanger keeper onto the very front hanger welded to the inlet pipe, slide it over the hanger rod upto the rubber hanger. For a cleaner appearance, connections can be welded.

**We strongly recommend welding all slip-fit connections.**

### **Note:** IF THE TIP IS NOT PROPERLY ALIGNED

Due to variance in the factory H-pipe location you may need to adjust the H-pipe by loosening the two front factory clamps (at the H-pipe) and the clamp at the muffler thus giving you the ability to achieve satisfactory fit and placement of the Flowmaster muffler and placement of the tip in the factory cut-out.

*FLOWMASTER AMERICAN THUNDER SYSTEM #17421  
 2005-08 FORD MUSTANG, V6 ENGINE  
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#952567-180 →

PACKING LIST

QTY.	PART#	DESC.
1	952567-180	MUFFLER ASSEM.
1	PK453	PARTS KIT
1	MC250R	2½" RING CLAMP
1	HW501	3/8" HANGER KEEPER