



Installation Instructions for  
**817800**  
CATBACK OTL WITH VALVES  
FITS: 2018 MUSTANG GT  
5.0L - V8 ENGINE  
FITS VEHICLE WITH ACTIVE  
PERFORMANCE EXHAUST

**REVIEW FLOWMASTER SYSTEM:**

1. Please take a moment to read and understand these instructions before installing your Flowmaster performance system. Use the parts drawing and list to verify exhaust system contents.

PART NO.	DESCRIPTION	QTY.
26701S	Scavenger Assembly	1
26702S	Left Mid Pipe	1
26703S	Right Mid Pipe	1
853063-509	Right Muffler Assembly	1
853063-510	Left Muffler Assembly	1
PK930	Parts Kit	
MC250BS	2.5" Band Clamp	2
MC300BS	3.00" Band Clamp	4
HW532	0.5" OD x 1/2" Aluminum Spacer	6
HW251	1/4" x 1-1/4" Button Head Screw	6
HW332	1/4" Split Lock Washer, S.S.	6
HW124	1/4" Hex Nut, S.S.	6

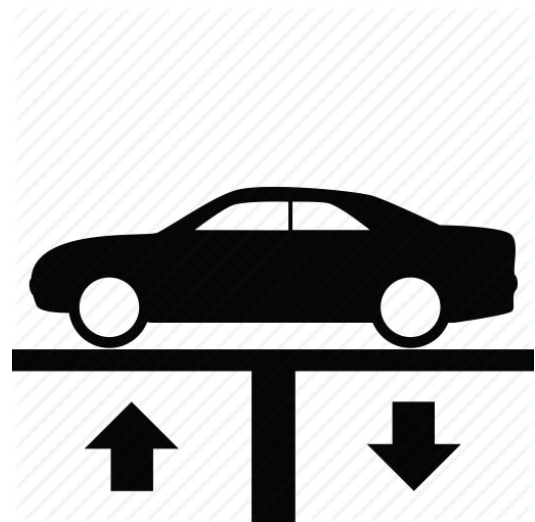
**REMOVE STOCK EXHAUST SYSTEM:**

2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, raise vehicle and support securely with jack stands. Use penetrating lubricant as necessary to ease disassembly.

**WARNING:**

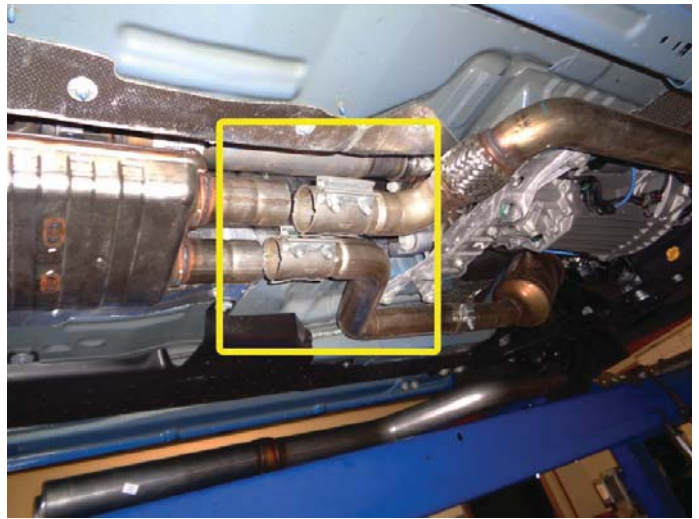
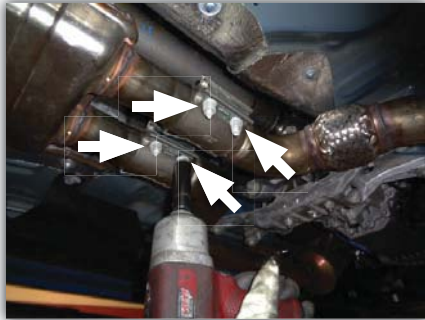
Avoid serious burns! Allow exhaust system to cool completely before touching system components.

**NOTE:** See page 6 for special instructions regarding installation on convertible model vehicles.



**NOTE:** Use stands as necessary to support parts as you detach them from your vehicle.

3. Loosen nuts (x4) on factory band clamp connections at resonator inlet. Slide system towards rear to disengage from clamps.



4. Unbolt mounts (just behind rear differential) and unplug valve actuators located at rear of factory mufflers. Slide exhaust system forward out of rear mounts and onto floor, while leaving front mounts attached. Then remove and retain rear mounts and factory mufflers.

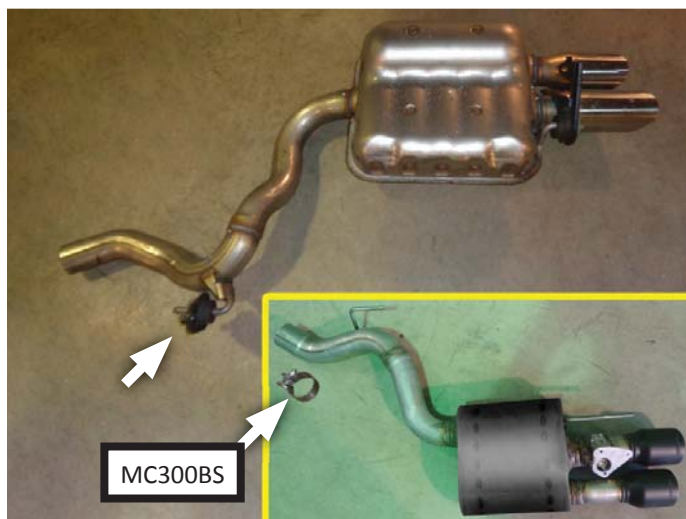


**NOTE:** When trimming components, be cautious with the end of your blade to avoid making excessive cuts.

5. Measure 11" rearward from bottom case weld on both catalytic converters and mark trim line. Cut both pipes at marked trim line then deburr.



- Place factory muffler units next to Flowmaster muffler units then transfer front and rear mounts (removed step 4). Place 3" band clamps (x2) (MC300BS) onto inlet of each unit.



- Remove nuts (x3) securing exhaust valve actuator to exhaust valve. Retain grounding clips aside for re-use.



- Lift actuator (with heatshield and spring attached) from factory valve assembly.



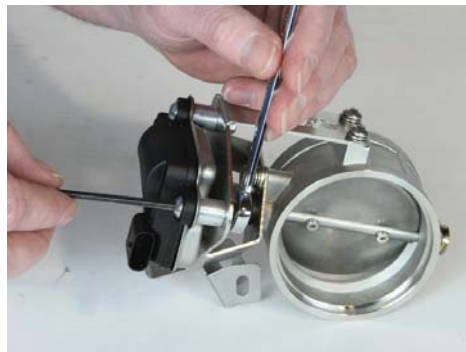
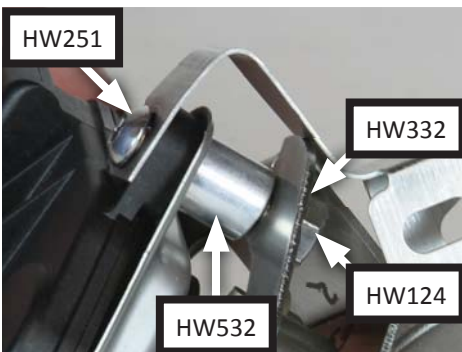
## INSTALL FLOWMASTER EXHAUST SYSTEM

9. Install actuator onto new valves by lining up spring arm to notch in valve shaft and lower into place. The holes in actuator assembly should line up with holes in mount, rotate if required.

**NOTE:** In your Flowmaster Performance kit, the valves are part of the Muffler Assembly.



10. Fasten grounding clips (x2) to valve mounts (x2) at three points using following hardware (x3 ea.): 1/4" button head screw (HW251), aluminum spacer (HW532), split lock washer (HW332) and hex nut (HW124).



11. Remove nuts from stock and Flowmaster clamps, apply anti-seize compound to bolts and re-install nuts.

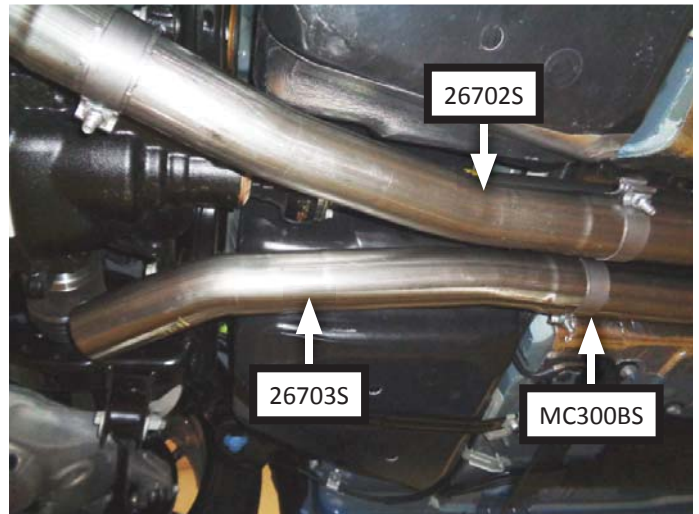
**NOTE:** The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.



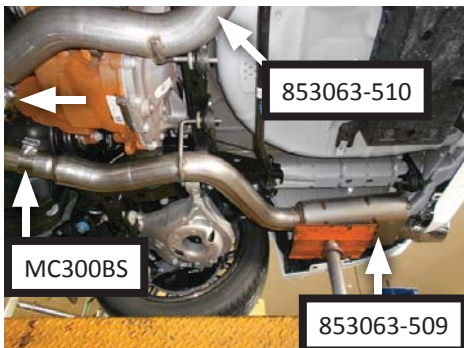
12. Place 2.5" band clamps (x2) (MC250BS) onto Scavenger assembly (26701S) inlets. Connect scavenger (with FM logo facing floor) to factory head pipes and slide it in approximately three inches. Tighten clamps just enough to allow for adjustment.



13. Place 3" band clamps (x2) (MC300BS) onto left mid pipe (26702S) and right mid pipe (26703S). Connect pipes to scavenger outlets as shown. Tighten clamps just enough to allow for adjustment.



14. Place 3" band clamps (x2) (MC300BS) onto right muffler assembly (853063-509) and left muffler assembly (853063-510) inlets. Connect right muffler assembly completely to right mid pipe then reinstall front and rear mounts. Repeat with left muffler assembly on driver side of vehicle.



15. Adjust the exhaust components to provide a satisfactory fit. Maintain a minimum of 1/2" clearance around all components of the exhaust system, keeping in mind suspension, travel and vibration. After making any required adjustments, securely tighten the clamps.
16. Connect exhaust valve actuators on right and left muffler assemblies to factory wiring (unplugged step 4) in vehicle.
17. We recommend applying a one inch tack weld to all slip-fit connections for a more secure installation. You may also apply high temperature paint over welded areas to prevent rust and premature corrosion.

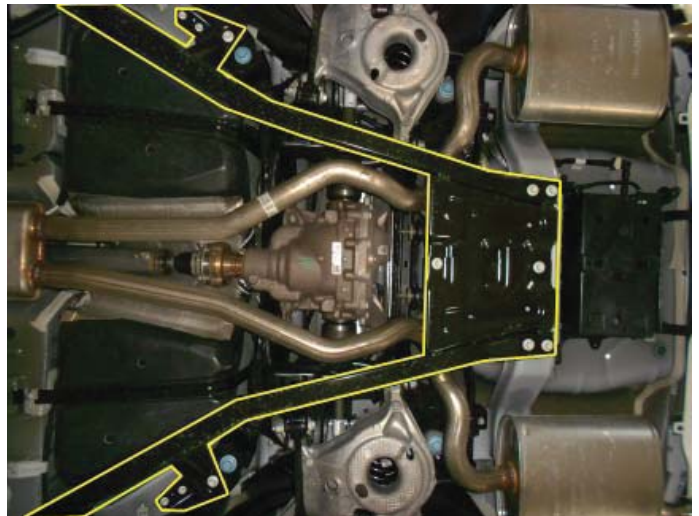
Congratulations, the installation of your FLOWMASTER performance exhaust system is now complete!



### ADDITIONAL INSTRUCTIONS FOR CONVERTIBLE MODEL VEHICLES:

**REMOVAL:** Body braces will need to be removed in order to exchange factory exhaust system for Flowmaster exhaust system. Starting with passenger side brace, loosen front bolt then remaining bolts (x8) working towards rear of vehicle. Repeat this step on driver side of vehicle (x6 bolts).

**INSTALL:** After completing Flowmaster exhaust system, install re-install body braces starting with driver side of vehicle (x6 bolts) then completing passenger side of vehicle.



NOTE: Flowmaster maintains a highly trained technical service department to answer your technical questions, provide additional product information and offer various recommendations.

Technical Service: (707) 544-4761  
Monday – Friday: 7:30 am to 5:00 pm Pacific Time  
(Closed Saturday and Sunday)

**MAIN OFFICE:**  
100 Stony Point RD., Suite 125  
Santa Rosa, CA 95401





# OUTLAW<sup>®</sup>

S E R I E S

Installation Diagram for  
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