



FORCE II®

Installation Instructions
17275
1999-04 FORD MUSTANG
V6 ENGINE

OVERVIEW:

1. Take a moment to read and understand these instructions before installing your Flowmaster performance system.

NOTE: Please inventory all parts now before continuing and if necessary, report any missing items to our tech line. This will avoid potentially stranding your vehicle until any missing replacement parts arrive.

ITM #	PART #	DESCRIPTION	QTY.
1	16326	Y-Pipe Muffler Assembly	1
2	16328	Left Tailpipe	1
3	16327	Right Tailpipe	1

ITM #	PART #	DESCRIPTION	QTY.
N/A	PK368	Hardware Package includes:	1
4	363HA	Right Muffler Hanger	1
5	HA602	Tailpipe Hanger	2
6	MC250S	2½" Clamp	2
7	HA168	Rubber Hanger	2
8	HW203	⅝" x ¾" Bolt	4
9	HW308	⅝" Lock Washer	4
10	HW102	⅝" Nut	4
11	HW502	⅝" Hanger Keeper	6

REMOVE STOCK EXHAUST SYSTEM:

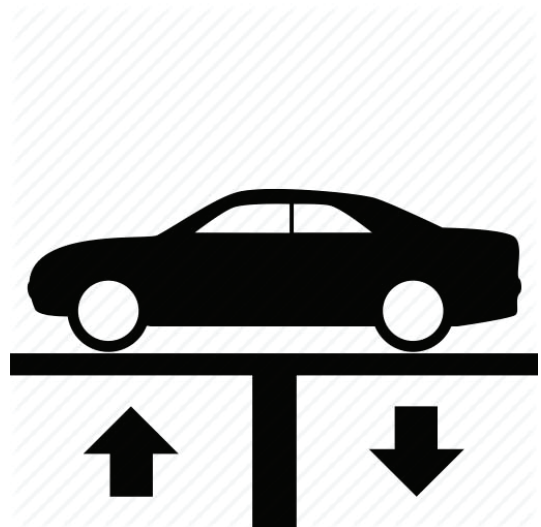
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

WARNING:

Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

To ease preparation and installation of your new kit:

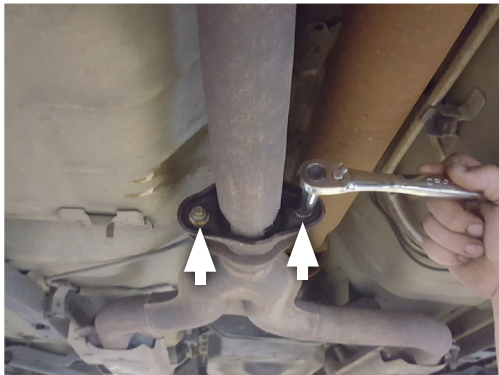
- Apply penetrating lubricant to mounts, bolts and clamps before you remove them.
- Use stands as necessary to support parts as you detach them from your vehicle and again as you install new parts.



3. Cut tailpipe at muffler exit. Disassemble hanger wire from isolator and remove tailpipe section from vehicle.



4. Remove fasteners and disconnect inlet pipe at catalytic converter. Disassemble wire hangers from isolators and remove muffler exhaust section from vehicle. Retain fasteners for later use.



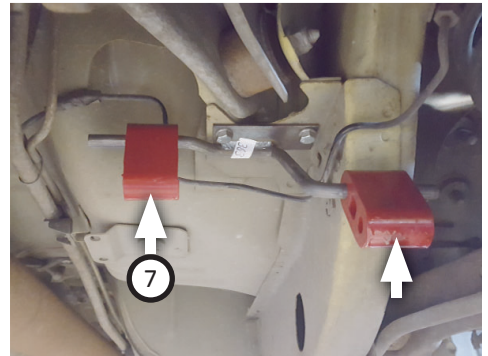
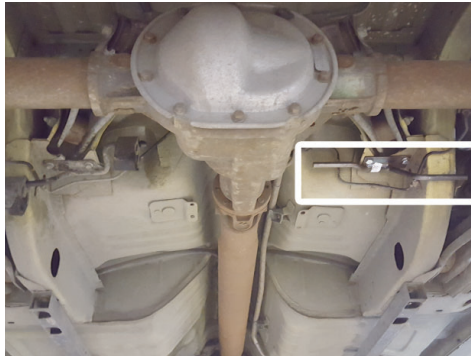
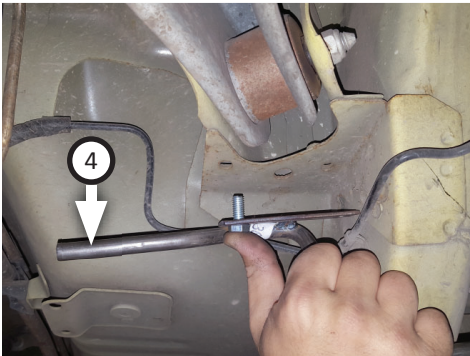
INSTALL FLOWMASTER EXHAUST SYSTEM

5. 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.

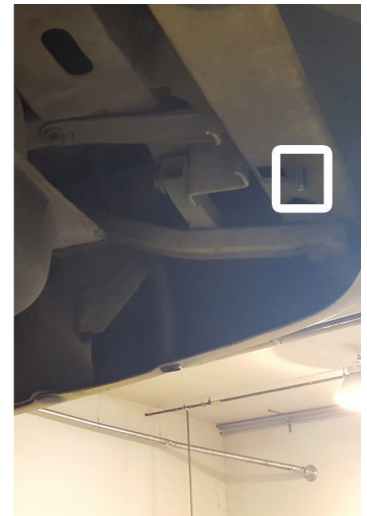
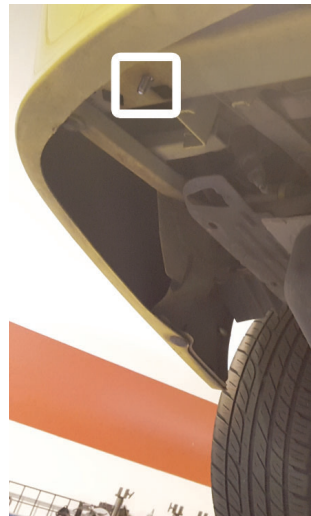


6. Install **right muffler hanger (4)** onto passenger side vehicle frame, opposite of stock hanger with (x2 ea.) **bolts (8)**, **lock washers (9)** and **nuts (10)**. Then install (x2) **rubber hangers (7)** onto right muffler hanger.

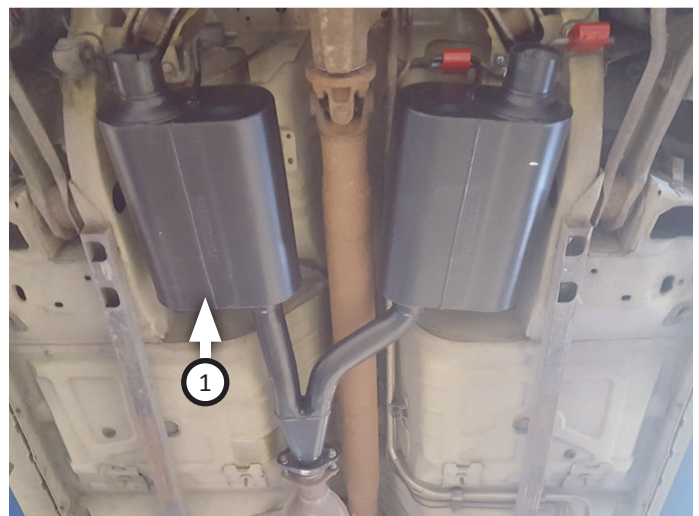
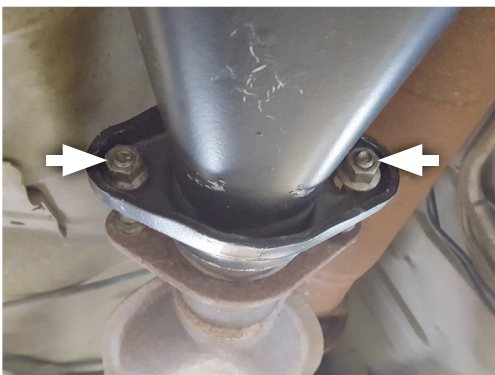


7. Thread (x2) **bolts (8)** into frame at both rear corners of vehicle. Use holes nearest center of vehicle.

NOTE: Using a magnet can help guide bolt through hole.



8. Connect **y-pipe muffler assembly (1)** to factory flange and secure it loosely using fasteners (removed step 4). Insert wire hangers into isolators.

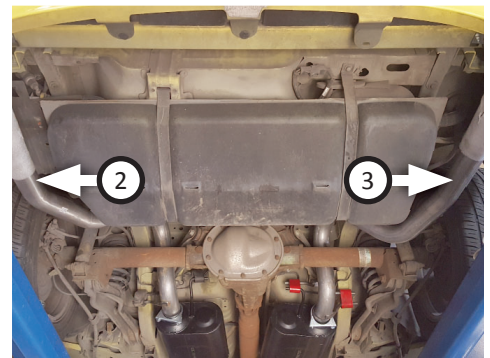


9. Place (x2) **clamps (6)** onto muffler outlets, leave them loose.

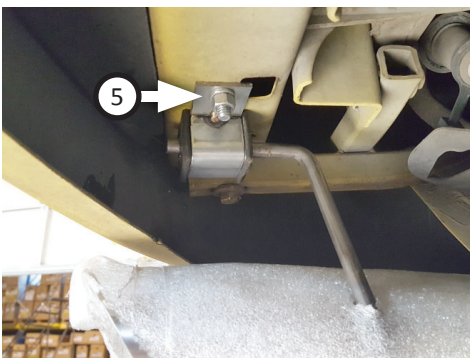


10. Route **right (3)** and **left (2)** tailpipes over axle and connect them to mufflers. Insert front wire hangers into isolators then tighten clamps just enough to allow for adjustment.

NOTE: You may have to loosen other exhaust components to route tailpipes over axle and fit them in mufflers. If using a lift, jack up frame so you can fit tailpipes over axle.



11. Fit **tailpipe hanger (5)** onto left tailpipe then fasten it to bolt in vehicle frame using **lock washer (9)** and **nut (10)**. Repeat step on right tailpipe.



12. Adjust exhaust components for fit; maintaining ½" clearance and compensating for suspension, travel and vibration then tighten all clamps. Finally, fit (x6) **hanger keepers (11)** onto each sideways hanger.
13. Recommended: Secure slip-fit connections with a 1-inch tack weld then spray high-temp paint over each weld to prevent rust and premature corrosion.



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





Installation Diagram
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