



Installation Instructions
717822
2009-13 SILVERADO/SIERRA 1500
4.8L, 5.3L ENGINE
143.5, 157.5 Wheelbase
Crew Cab & Extended Cab

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	26736M	Inlet Pipe	1
2	909TBM	Extension	1
3	72288-Z	Muffler	1
4	86520M	Left Front Tailpipe	1
5	86521M	Right Tailpipe	1
6	86522M	Left Rear Tailpipe	1
7	86532M	Side Exit Pipe	2
8	ST507B	Black Tips	2

ITM #	PART #	DESCRIPTION	QTY.
N/A	PK972	Hardware Pack includes:	1
9	226HA	Left Frame Hanger	1
10	506HA	Front Clamp Hanger	1
11	HA566	Backing Plate	2
12	HA168	Rubber Hanger - Red	1
13	MC300BS	3" Stainless Band Clamp	2
14	MC250BS	2½" Stainless Band Clamp	5
15	HW209	¾" - 16 x 1¼ HC Bolt	1
16	HW303	¾" Flat Washer	1
17	HW309	¾" Lock Washer	1
18	HW103	¾"- 16 Z Nut	1
19	HW502	7/16" Hanger Keeper	2
20	HW503	½" Hanger Keeper	5
21	HW505	Cable Tie 15"	1

REMOVE STOCK EXHAUST SYSTEM:

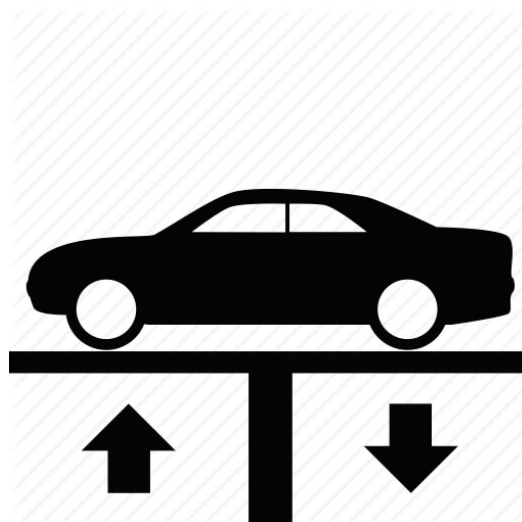
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

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 just behind muffler outlet, disassemble wire hangers from isolators and remove cut tailpipe section.



4. Disassemble wire hanger from isolator, loosen ball clamp and remove muffler section. Release tab to remove ball clamp from pipe and retain it 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.

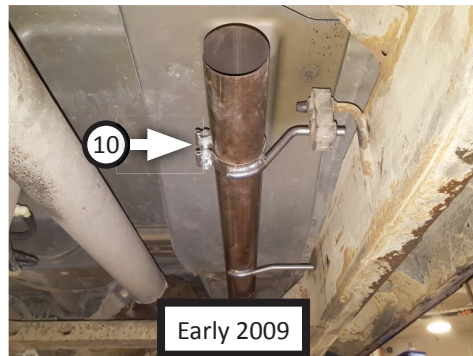
6. Check which specifications apply to your vehicle below, then apply the corresponding assembly combinations to ensure this kit installs properly.

WHEEL BASE	BODY STYLE	BED LENGTH	INLET ASSY:
143½"	Extended Cab	6'5"	Don't install extension
143½"	Crew Cab	5'5"	Don't install extension
157½"	Extended Cab	8'	Install extension



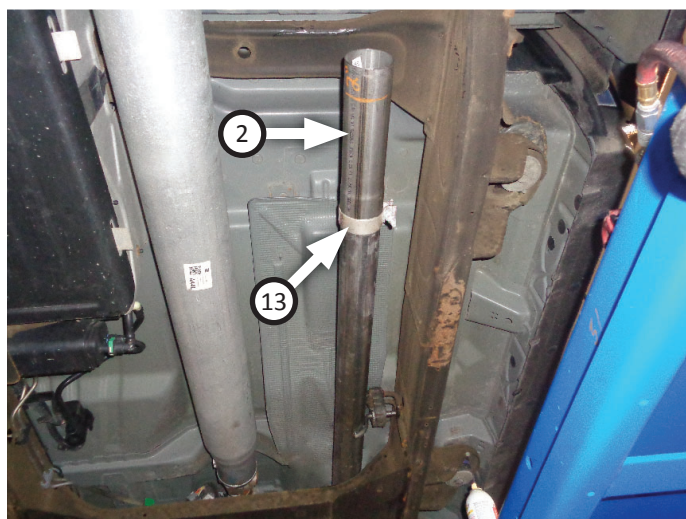
7. Place ball clamp (removed step 4) onto **inlet pipe (1)** then connect it to catalytic converter. Insert wire hanger into isolator and tighten clamp just enough to allow for later adjustment.

NOTE: For some early 2009 models, the mount hanger is attached further rearward on frame. In this case, install **front clamp hanger (10)** onto inlet pipe then insert it into isolator.

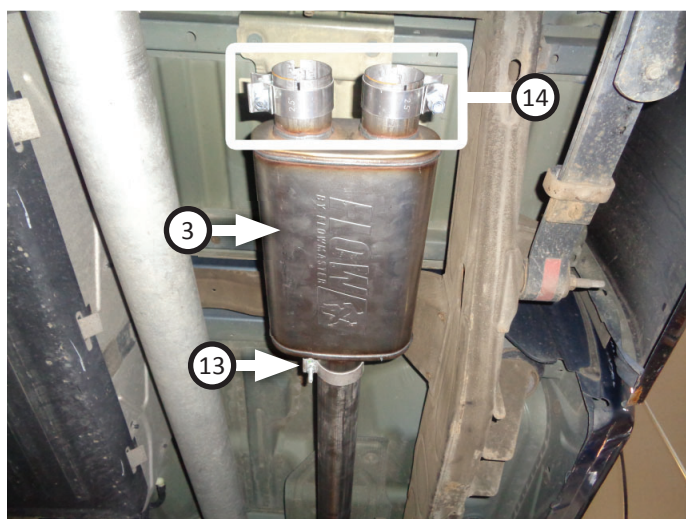


8. For applicable models, place **clamp (13)** onto **extension pipe (2)** then connect it to inlet pipe. Tighten clamp just enough to allow for later adjustment.

NOTE: Every slip fit connection in this kit must seat 3" deep except for the (x3) muffler connections which must seat 2" deep. Locate all components in your kit with a slip fit connection and mark them accordingly so your Flowmaster exhaust system fits properly onto your vehicle.



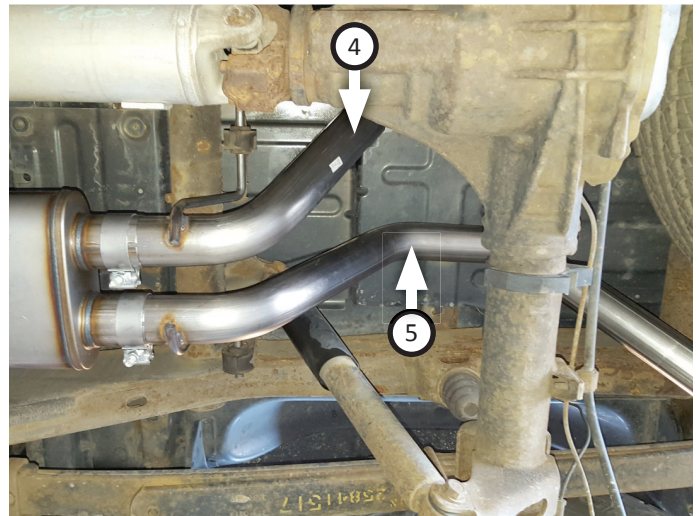
9. Place **clamp (13)** onto **muffler (3)** inlet then connect muffler to inlet/extension pipe. Place **clamps (x2) (14)** onto muffler outlets. Tighten front clamp just enough to allow for adjustment.



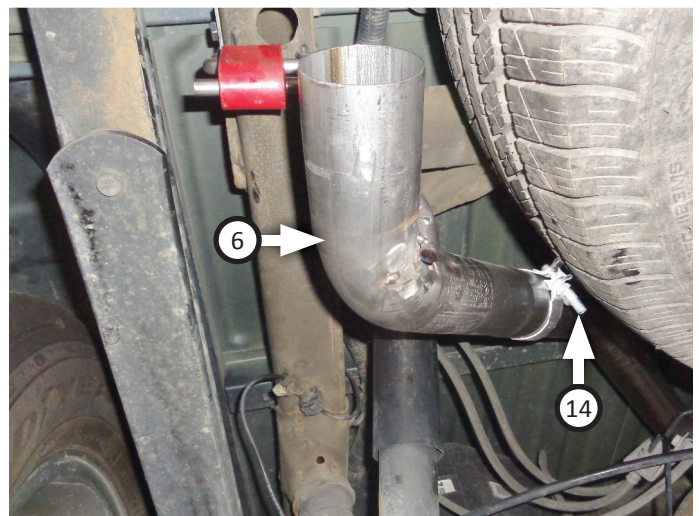
10. Fasten **left frame hanger (9)** to vehicle using **bolt (15)**, **backing plates (x2) (11)**, **flat washer (16)**, **lock washer (17)** and **nut (18)**. Then hang **rubber hanger (12)** on frame hanger end.



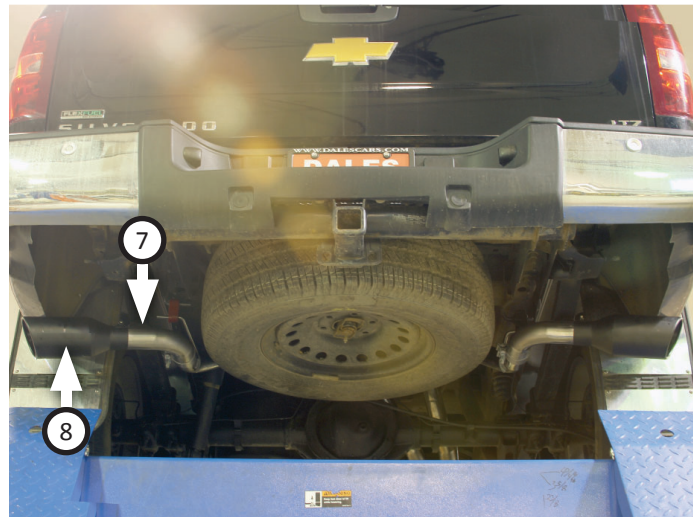
11. Route **left front (4) and right tailpipe (5)** over rear axle then connect them to muffler. Insert wire hangers into isolators then tighten clamps just enough to allow for later adjustment.



12. Place **clamp (14)** onto **left rear tailpipe (6)** then connect it to front tailpipe. Insert wire hanger into rubber hanger then tighten clamp just enough to allow for adjustment.



13. Place (x2 ea) **clamps (14)** onto **side exit pipes (7)** then connect them to tailpipes. Tighten clamps just enough to allow for later adjustment.
14. Place **tips (x2) (8)** onto side exit pipes and tighten inlets. Rotate exit pipes and tips to desired distance from body or bumper, so angle cut on tips are properly positioned.



15. Adjust exhaust components for fit; maintaining $\frac{1}{2}$ " clearance and compensating for suspension, travel and vibration. Secure vent hose and brake lines away from heat with **zip ties (21)** then tighten all clamps. Finally, fit (x2) (19) and (x5) (20) **hanger keepers** onto each sideways hanger.
16. 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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