



Installation Instructions for
717822
CAT-BACK FFX DOS
09-13 CHEVROLET/GMC 1500 TRUCKS
(NON HD)
WITH 5.3L ENGINES ONLY

OVERVIEW:

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

PART NO.	DESCRIPTION	QTY.
26736M	Inlet Pipe	1
730TBM	Extension	1
72288-Z	Muffler	1
86520M	Left Front Tailpipe	1
86521M	Right Tailpipe	1
86522M	Left Rear Tailpipe	1
86532M	Side Exit Pipe	2
ST507B	Tip	2

PART NO.	DESCRIPTION	QTY.
PK972	Hardware Pack includes:	1
HA566	Backing Plates	2
HA168	Rubber Hanger - Red	1
MC300BS	3.0" Stainless Band Clamp	2
MC250BS	2.5" Stainless Band Clamp	5
HW209	3/8-16 x 1-1/4" Bolt	1
HW303	3/8" Flat Washer	1
HW309	3/8" Lock Washer	1
HW103	3/8-16" Nut	1
HW502	7/16" Hanger Keeper	2
HW503	1/2" Hanger Keeper	5
HW505	15" Cable Tie	1

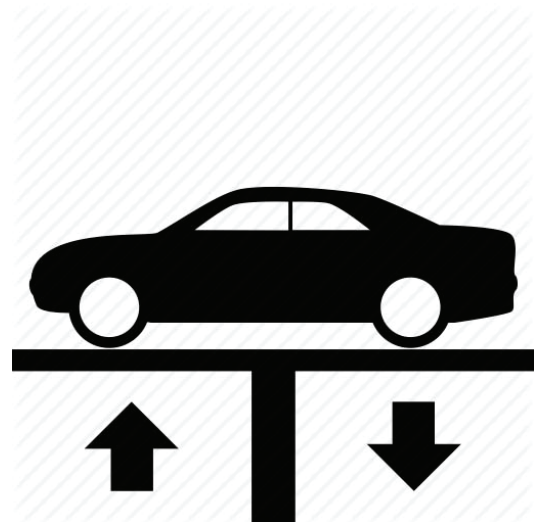
REMOVE STOCK EXHAUST SYSTEM:

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 disassembly of factory components:

- 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.



3. Cut factory muffler outlet.



4. Apply lubricant to factory isolators (x3) shown then remove factory wire hangers (x3) from isolators. Remove trimmed factory tailpipe from vehicle.



5. Apply lubricant to factory isolator and front pipe inlet, then loosen clamp and disconnect factory pipe.



6. Remove remaining muffler assembly from vehicle.
Release tab and remove factory clamp from pipe inlet.
Retain factory clamp for later re-use.



INSTALL FLOWMASTER EXHAUST SYSTEM

7. 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.

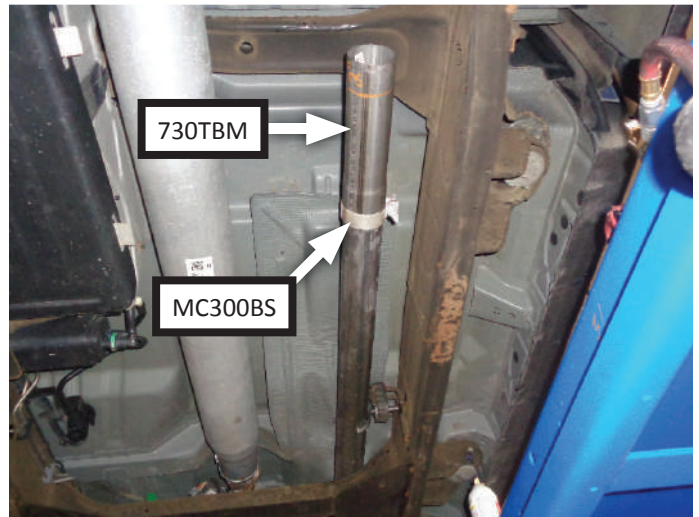


8. Place factory clamp (removed step 6) onto **inlet pipe (26736M)**. Connect inlet pipe to catalytic converter, fasten clamp and hang wire hanger in factory isolator.



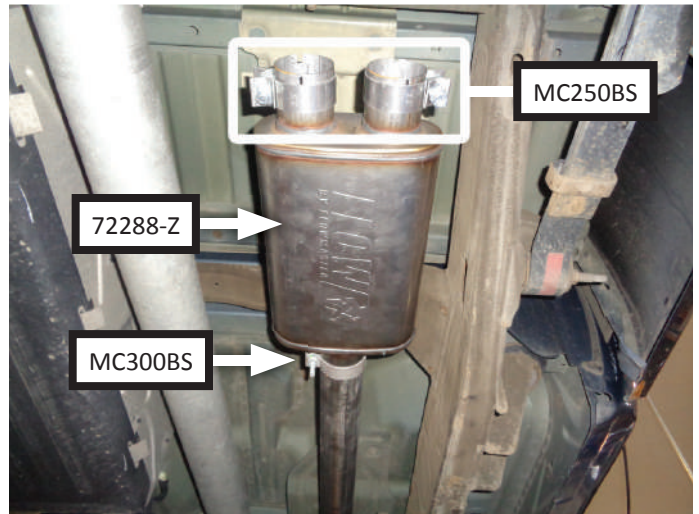
NOTE: Complete this step **ONLY** if your vehicle is a Crew Cab truck with a 6'5" bed. This extension pipe will not be used on Double Cab or Crew Cab-5.5' bed models.

9. Place **3" clamp (MC300BS)** onto **extension (730TBM)** inlet then connect extension to inlet assembly.

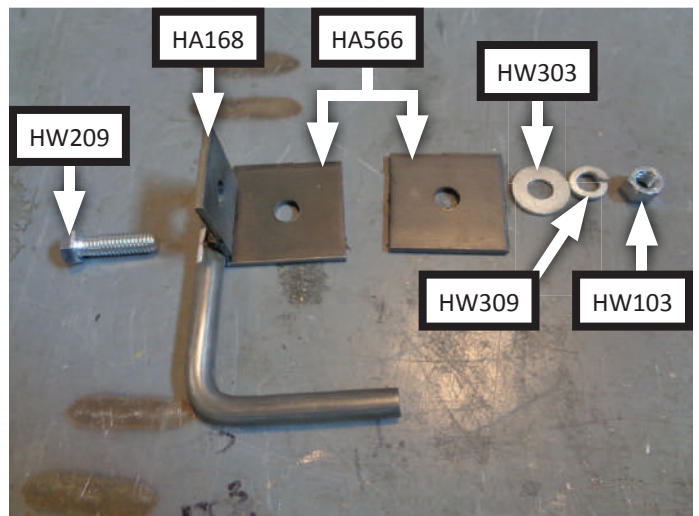
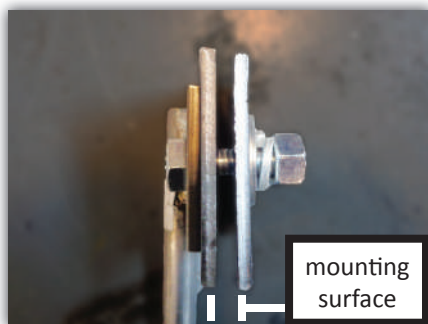


NOTE: Every slip fit connection in this kit must seat 3" deep except for the (x3) muffler connections which must seat 2" deep. Locate all components in your kit with a slip fit connection and mark them accordingly so your Flowmaster exhaust system fits properly onto your vehicle.

10. Place **3" clamp (MC300BS)** onto **muffler (72288-Z)** inlet then connect muffler to inlet pipe or extension. Place **2.5" clamps (x2) (MC250BS)** onto muffler outlets. Tighten front clamp just enough to allow for adjustment.



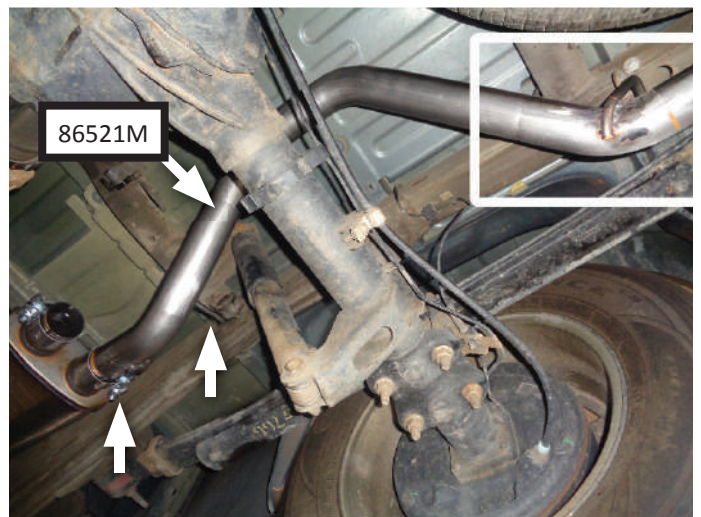
11. Locate following parts: **bolt (HW209)**, **rubber hanger (HA168)**, **backing plates (x2) (HA566)**, **flat washer (HW303)**, **lock washer (HW309)**, **nut (HW103)**. In following step, assemble parts as illustrated, with mounting surface located between backing plates.



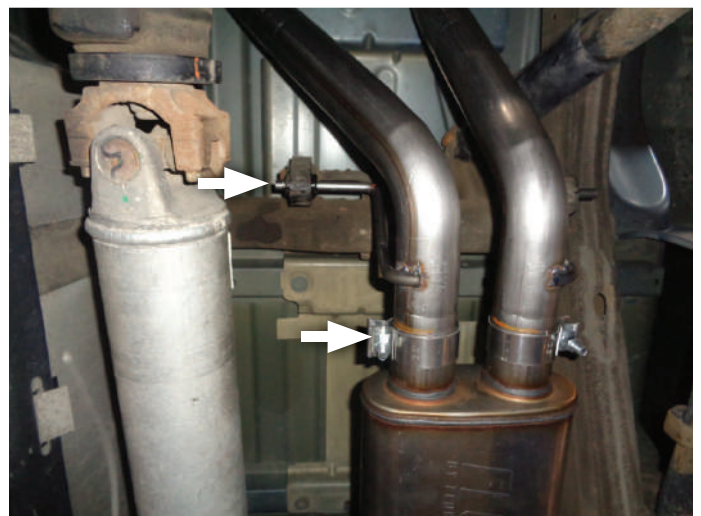
12. Fasten hanger assembly to driver side frame rail in oblong hole. Then fit rubber isolater onto end of hanger.



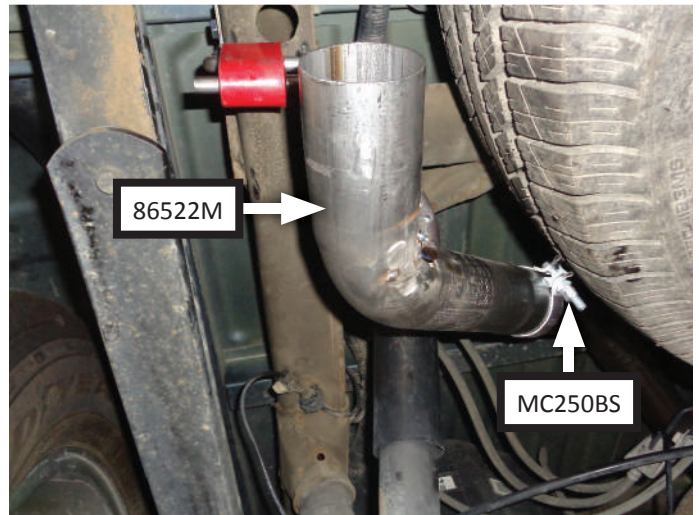
13. Route **right tailpipe (86521M)** over rear axle then connect it to passenger side muffler outlet. Insert both wire hangers into stock mounts to complete connection. Tighten clamp just enough to allow for adjustment.



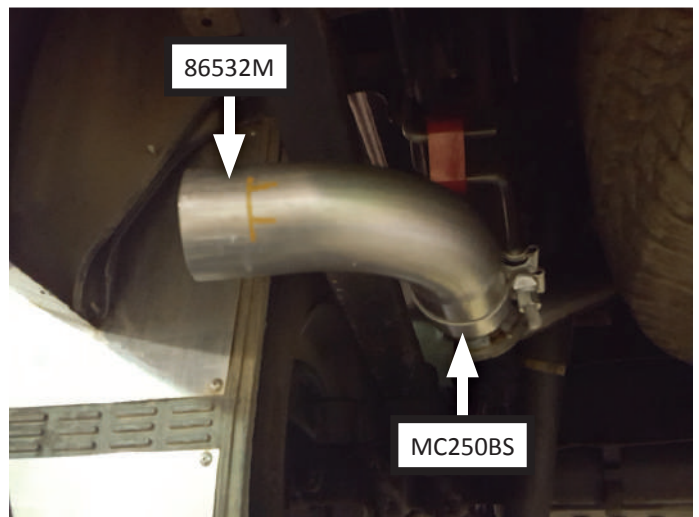
14. Route **left front tailpipe (86520M)** over rear axle then connect it to driver side muffler outlet. Insert wire hanger into stock mount to complete connection. Tighten clamp just enough to allow for adjustment.



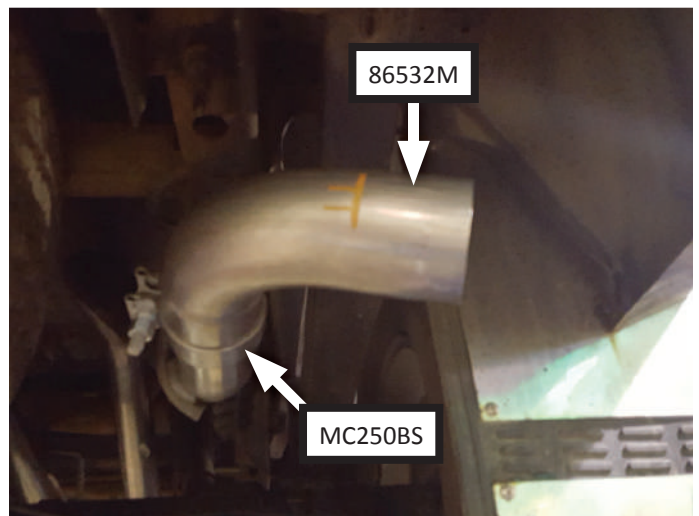
15. Place **2.5" clamp (MC250BS)** onto **left rear tailpipe (86522M)** inlet then connect rear tailpipe to front tailpipe. Tighten clamp just enough to allow for adjustment. Use **cable tie (HW505)** to secure vent hose and brake lines away from exhaust components.



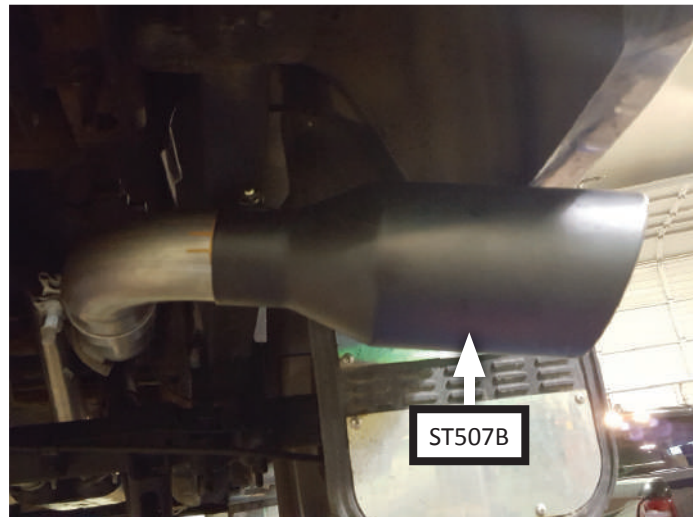
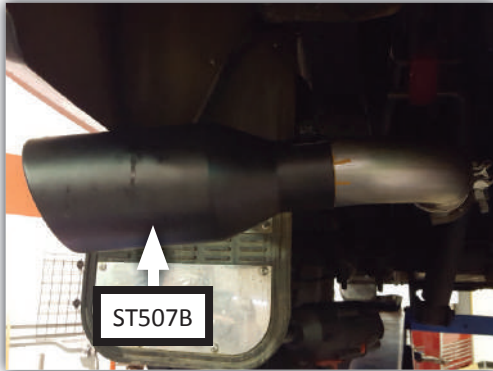
16. Place **2.5" clamp (MC250BS)** onto slip-fit of **side exit pipe (86532M)**. Connect rear exit pipe onto left rear tailpipe. Tighten clamp just enough to allow for adjustment.



17. Place **2.5" clamp (MC250BS)** onto slip-fit of **side exit pipe (86532M)**. Connect rear exit pipe onto right tailpipe. Tighten clamp just enough to allow for adjustment.



18. Place **tips (x2) (ST507B)** onto side exit pipes.
Tighten clamp just enough to allow for adjustment.



19. Adjust exhaust components to provide a satisfactory fit. Maintain a minimum of $\frac{1}{2}$ " clearance around all components of the exhaust system, keeping in mind suspension, travel and vibration. After making any required adjustments, securely tighten clamps.
20. Slide $\frac{3}{16}$ " (x2) (HW502) and $\frac{1}{2}$ " (x5) (HW503) **hanger keepers** onto end of each hanger to prevent components from slipping out of their rubber mounts.
21. 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!



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





Installation Diagram for
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