



Installation Instructions for
817850
DIRECT FIT MUFFLER FFX- BLACK
FITS: 2019 RAM 1500
WITH 5.7L

OVERVIEW:

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.
86540S	Right Tailpipe	1
86541S	Left Tailpipe	1
ST507B	Tips	2
PK977	Hardware Pack includes:	1
MC225BS	2¼" Band Clamp	2
HW502	⅞" Hanger Keepers	2

REMOVE STOCK EXHAUST SYSTEM:

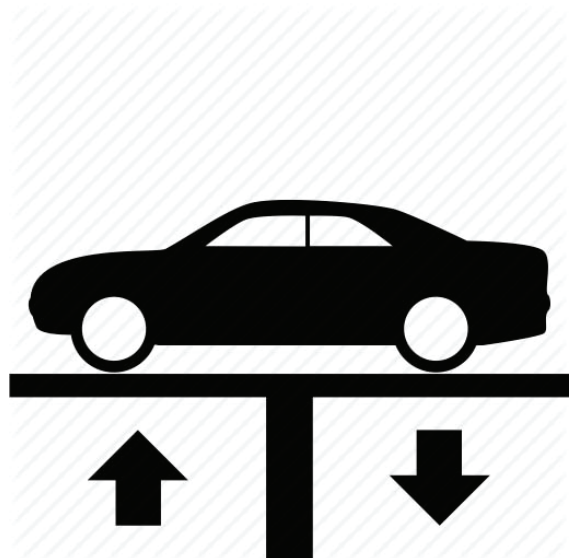
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

WARNING:

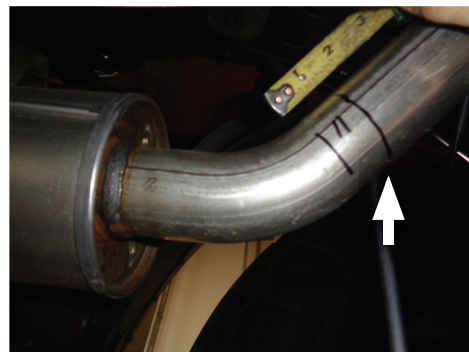
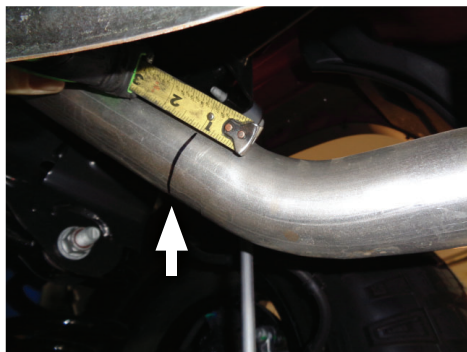
Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

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. Mark factory driver and passenger tailpipes, 1" in front of bend as indicated.



4. Cut driver and passenger side tailpipes off at marked lines and remove them from vehicle.



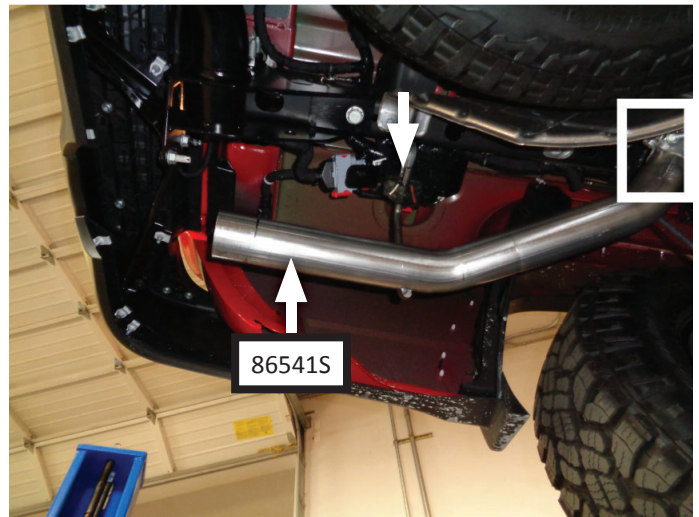
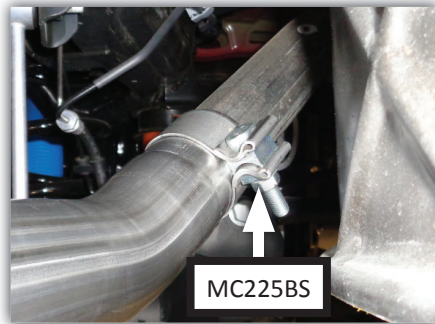
INSTALL FLOWMASTER EXHAUST SYSTEM

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

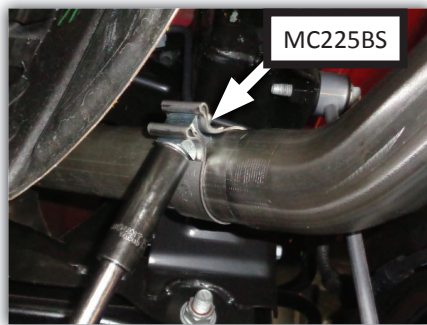
NOTE: The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.



6. Place **2¼" clamp (MC225BS)** onto **left tailpipe (86541S)**. Connect left tailpipe to left exhaust outlet and insert wire hanger into isolator. Tighten clamp just enough to allow for adjustment.



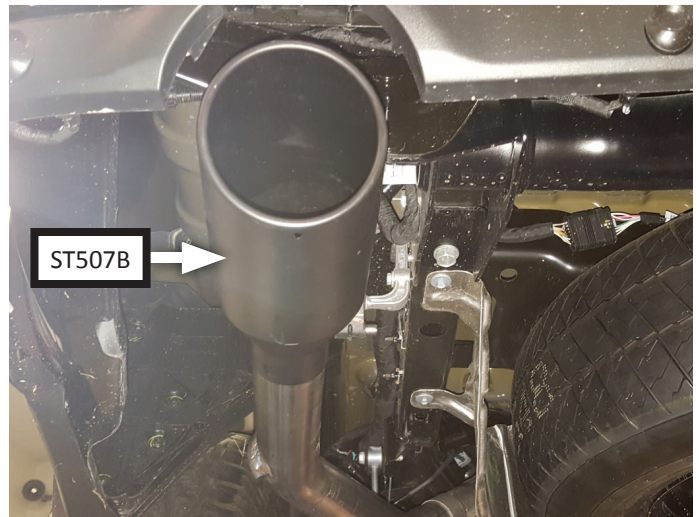
7. Place **2¼" clamp (MC225BS)** onto **right tailpipe (86540S)**. Connect right tailpipe to right exhaust outlet and insert wire hanger into isolator. Tighten clamp just enough to allow for adjustment.



8. Place **tip (ST507B)** onto right tailpipe. Tighten inlet to secure connection.



- Place **tip (ST507B)** onto left tailpipe. Tighten inlet to secure connection.



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