



# OUTLAW S E R I E S

## Installation Instructions

# 817690

### 2009-21\* RAM 1500

### 4.7L, 5.7L HEMI ENGINE

### 2/4 Wheel Drive 140" & 149" Wheelbases

With Factory Dual Tailpipes

\*2019-21 Classic Body Only

### 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	26520S	Front Inlet Pipe	1
2	26521S	Rear Inlet Pipe	1
3	8430155-Z	Muffler	1
4	26461S	Right Tailpipe	1
5	26462S	Left Front Tailpipe	1
6	26463S	Left Rear Tailpipe	1
7	26464S	Rear Exit Pipe (R/L)	2
8	26471S	Side Exit Pipe (R/L)	2
9	ST462B	Stainless Tip	2
N/A	PK776	Hardware Pack includes:	1
10	MC300BS	3" Stainless Band Clamp	8
11	HA168	Rubber Mount	1

### REMOVE STOCK EXHAUST SYSTEM:

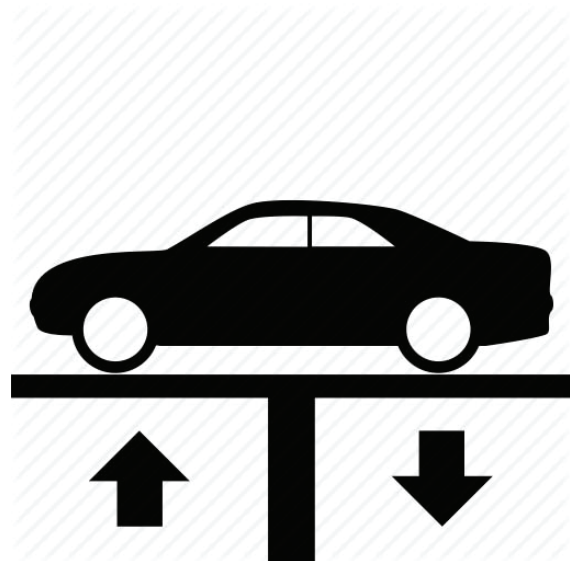
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

#### WARNING:

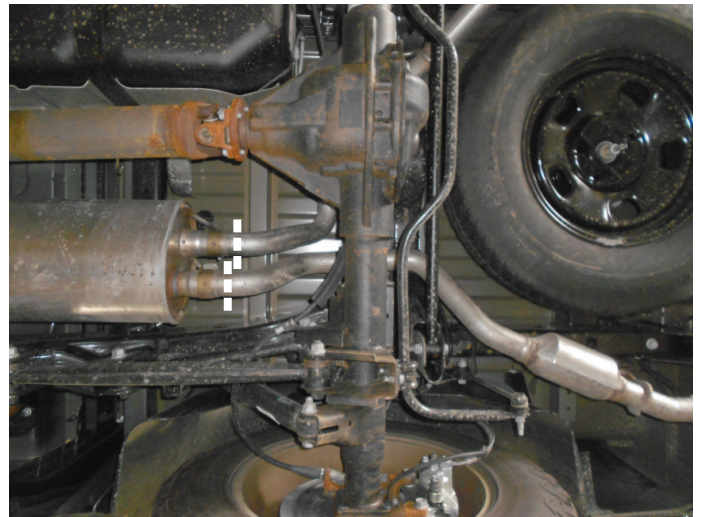
Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

#### 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.

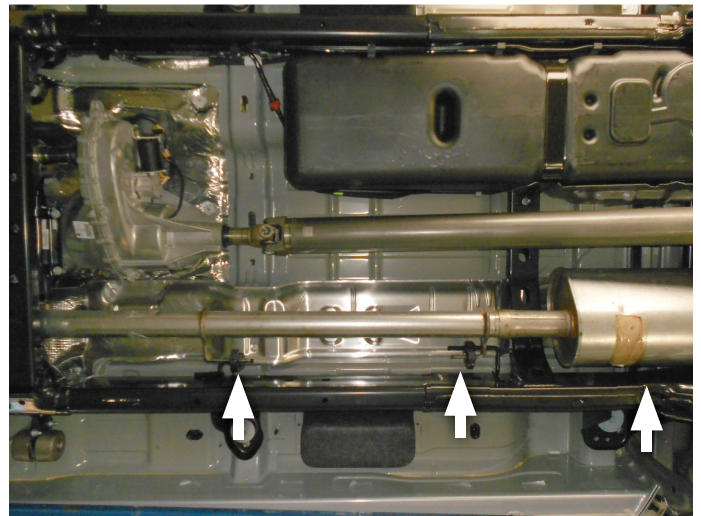


3. For factory single and dual tailpipe vehicles: Cut pipe(s) at muffler exit, disassemble wire hangers from isolators and remove tailpipe(s).

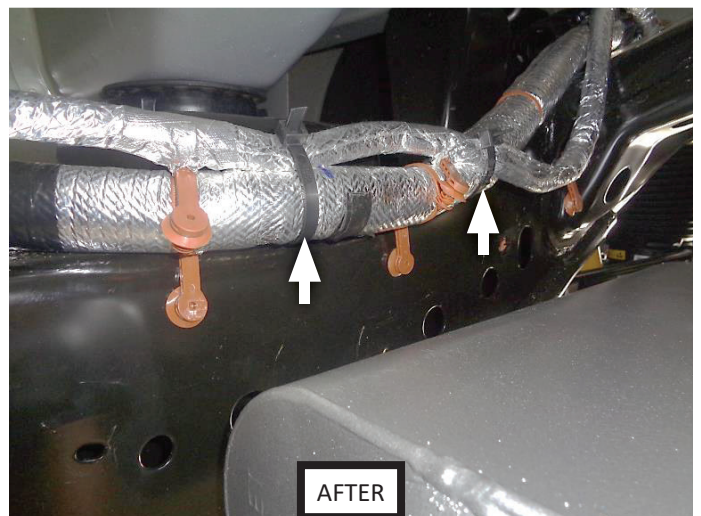
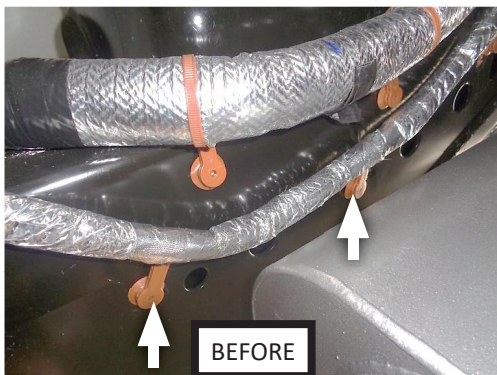


4. Disassemble wire hangers from isolators on muffler and inlet, then remove clamp on slip connection behind factory Y-pipe. Remove muffler and set aside.

NOTE: Clamp connection must be heated/cut to be separated.



5. If your vehicle has electrical wiring routed along inside face of right frame; carefully release harness from frame by unclipping it. Then use cable ties to secure it to top of frame (or to harness already on top of frame, as shown).





## INSTALL FLOWMASTER EXHAUST SYSTEM

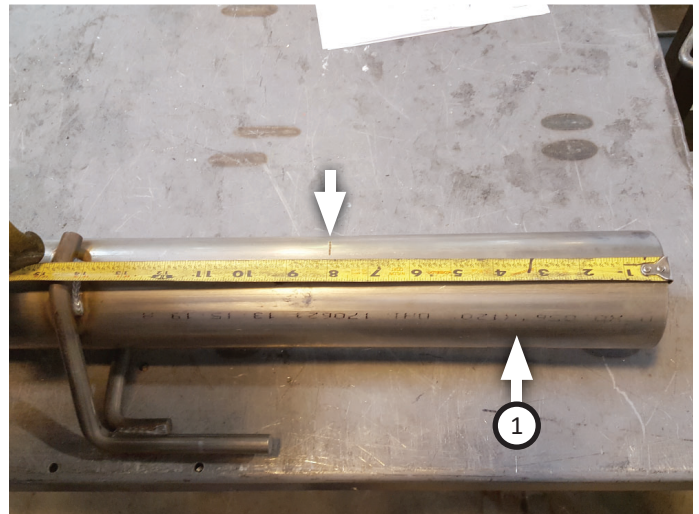
6. Remove nuts from stock and Flowmaster clamps, apply anti-seize compound to bolts and re-install nuts.

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

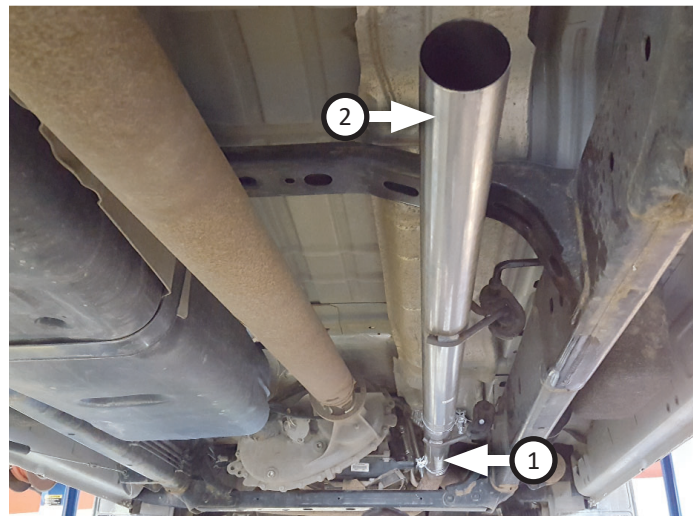


7. If your vehicle falls within the specifications listed below, apply the corresponding modifications or assembly combinations to this kit to ensure it will install properly.

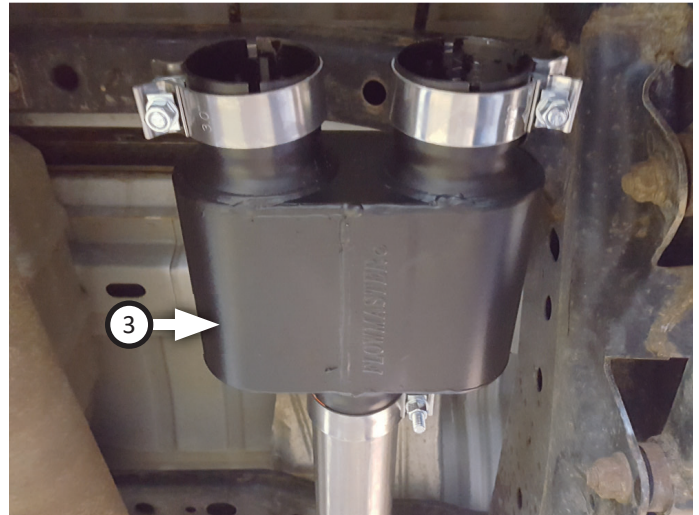
BODY STYLE	BED LENGTH	MODIFICATION
Regular Cab	8'	Trim 8" from <b>front inlet pipe (1)</b>
QuadCab	6'4"	Trim 8" from front inlet pipe
CrewCab	5'7"	Trim 8" from front inlet pipe
CrewCab	6'4"	No modification necessary



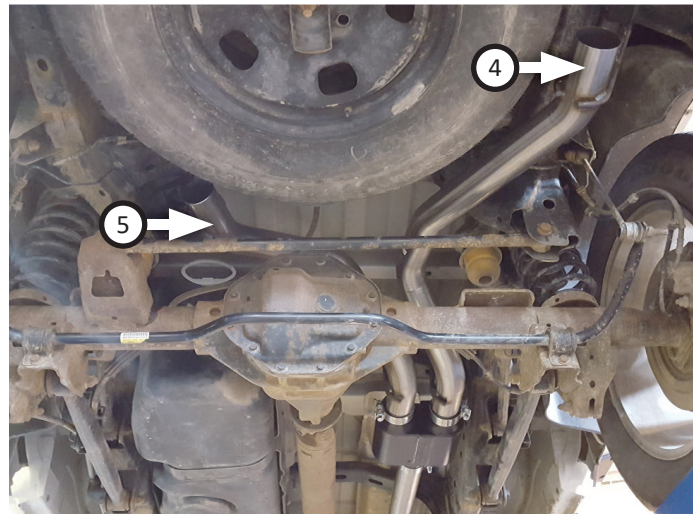
8. Place **clamps (x2) (10)** onto **front (1)** and **rear (2)** inlet pipes and connect them to factory Y-pipe as shown. Align notch in front inlet pipe with tab on Y-pipe, then insert wire hangers in mounts but leave assembly loose.



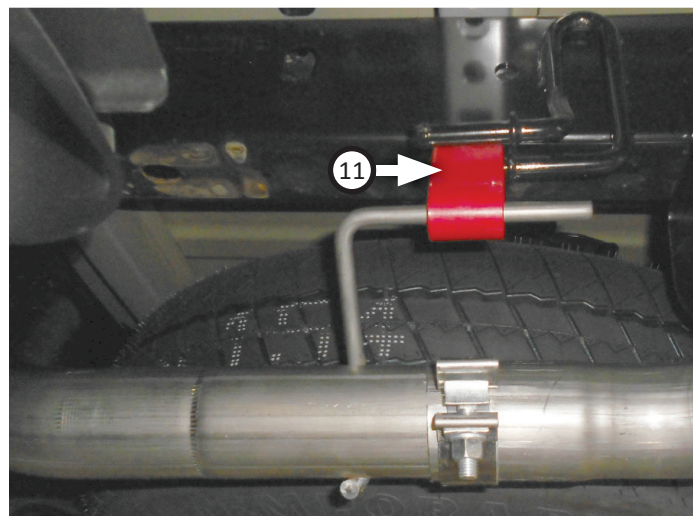
9. Place **clamps (x3) (10)** onto **muffler (3)** then connect it to rear inlet pipe. Adjust and level muffler then tighten all clamps on inlet assembly just enough to allow for final adjustment after install.



10. Route **right (4)** and **left front tailpipes (5)** over axle and connect them to muffler. Hang wire hangers into isolators and tighten clamps (x2) just enough to allow for later adjustment.

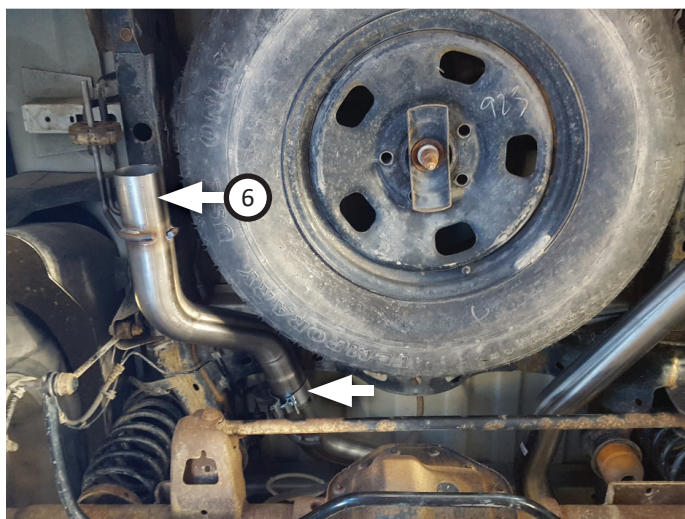


11. At rear of frame on driver side of vehicle (next to spare tire), is a pair of attached hanger mounts. Place **rubber hanger (11)** onto inner hanger.





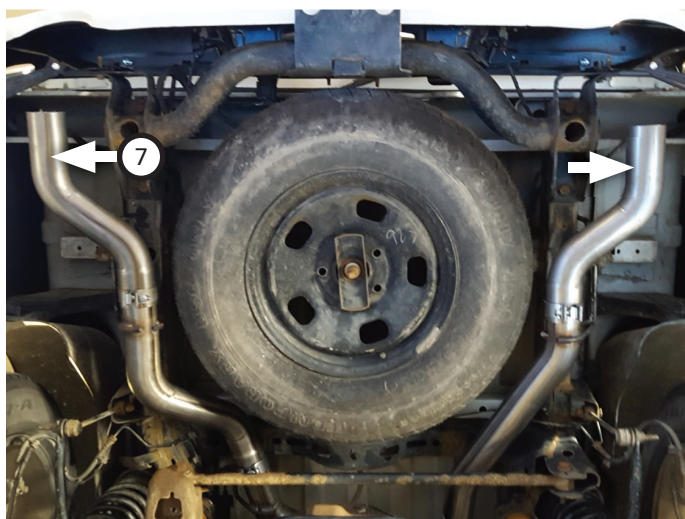
12. Place **clamp (10)** on **left rear tailpipe (6)** then connect it to left front tailpipe. Insert wire hanger into rubber hanger then tighten clamp just enough to allow for adjustment.



**NOTE:** This kit includes both **rear (7)** and **side (8)** exit pipes. A side exit is preferable for towing purposes, to avoid blowing fumes in or on vehicles you may be towing (eg: RV trailer, boat, etc).

**NOTE:** For trucks originally equipped with a single tailpipe, trim 1" from back of rear exit pipes.

13. Place **clamps (x2) (10)** onto **rear exit pipes (7)** then connect them to tailpipes. Tighten clamps enough to allow for adjustment.



14. Place **stainless tips (9)** onto 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 ½" clearance and compensating for suspension, travel and vibration. Then securely tighten all clamps.
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.



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





# OUTLAW<sup>®</sup>

S E R I E S

Installation Diagram  
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2009-21\* RAM 1500  
4.7L, 5.7L HEMI ENGINE  
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With Factory Dual Tailpipes  
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