



Installation Instructions
817737
 2015-20 DODGE CHALLENGER SXT
 3.6L 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	86314S	Scavenger Pipe Assembly	1
2	842546-Z	Muffler	2
3	15182S	Left Tailpipe Assembly	1
4	15183S	Right Tailpipe Assembly	1
N/A	PK579	Hardware Package includes:	1
5	MC225BS	2¼" Stainless Band Clamps	2
6	MC250BS	2½" Stainless Band Clamps	4
7	HW502	¾" Hanger Keeper	6

PREPARE VEHICLE FOR KIT INSTALLATION:

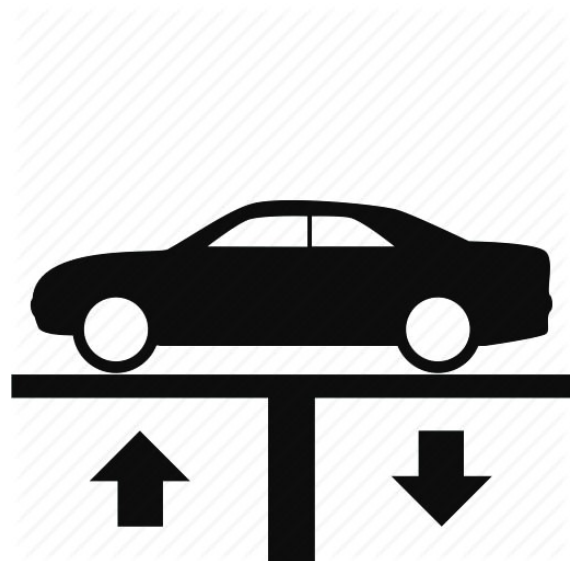
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

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.



NOTE: If it is too difficult to disengage any wire hangers from their isolators, you may instead unbolt isolator mounts and transfer them to your new system. Then, during install, re-bolt mounts back onto vehicle.

3. Unbolt left tailpipe assembly at flanged connection behind center resonator, disassemble wire hangers from isolators then remove it from vehicle.



4. Support right side muffler and loosen clamps at slip fit connections behind catalytic converters. Unclip ground strap from middle hanger then slide system off of head pipes and set it aside.



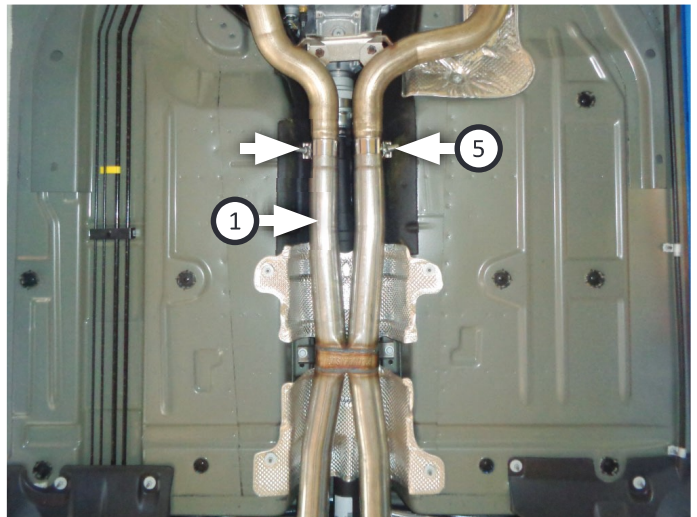
INSTALL FLOWMASTER EXHAUST SYSTEM

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

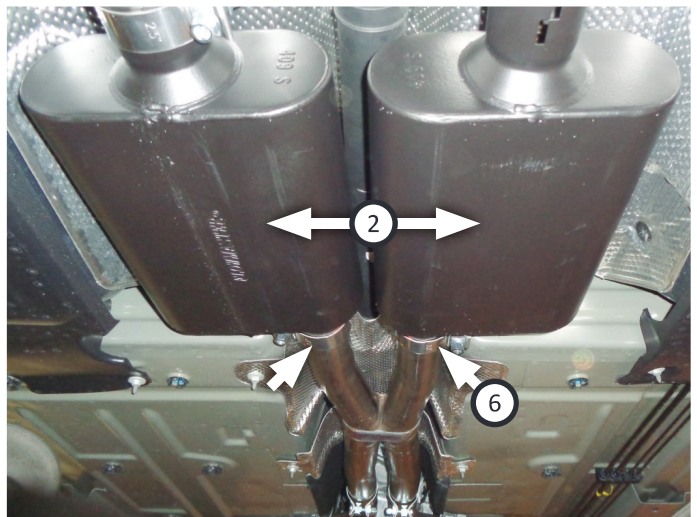
NOTE: The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.



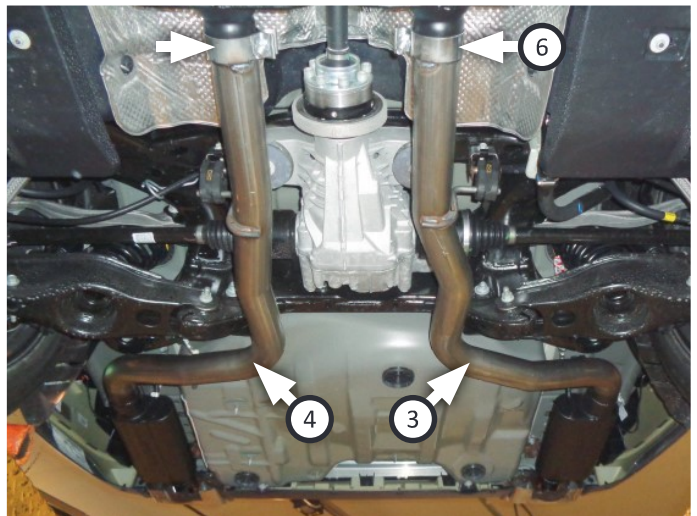
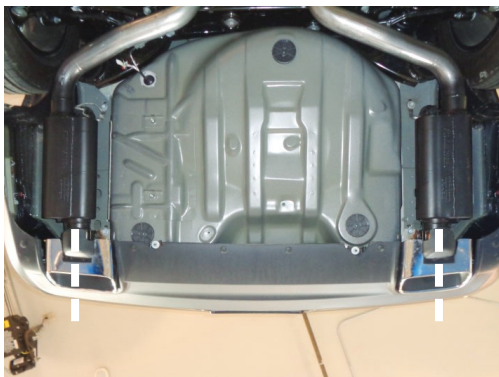
6. Place (x2) **clamps (5)** onto **scavenger pipe (1)** then connect it to catalytic converter with Flowmaster logo facing ground. Level and center assembly in tunnel then tighten clamps enough to allow for adjustment.



7. Place (x2 ea.) **clamps (6)** onto each **muffler (2)** then connect them to scavenger outlets. Level mufflers and tighten clamps just enough to allow for adjustment.



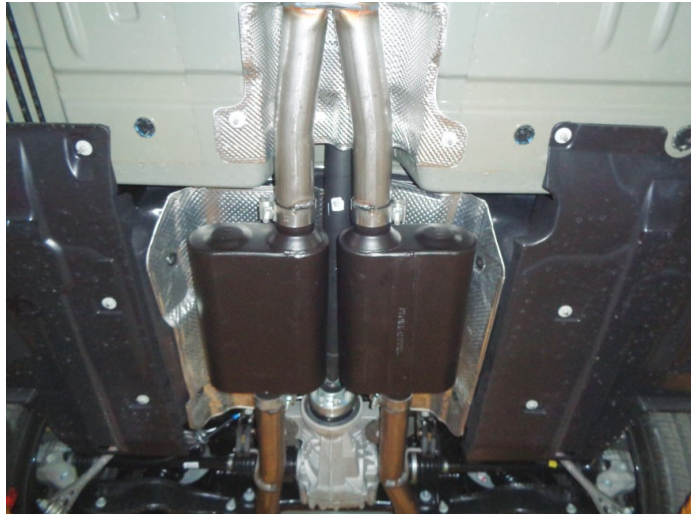
8. Place (x2) **clamps (6)** onto **left (3) and right (4) tailpipes** then connect them to mufflers. Level tailpipes and center tips in exhaust bezels; insert wire hangers in isolators and tighten clamps loosely.



9. Replace ground strap (removed step 4) onto hanger on right tailpipe.



10. Adjust all exhaust components for fit; maintaining ½" clearance and compensating for suspension, travel and vibration then tighten all clamps. Finally, fit (x6) **hanger keepers (7)** onto each sideways hanger.
11. 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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