



Installation Instructions  
**818107**  
 2012-21 JEEP GRAND CHEROKEE  
 6.4L 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.
N/A	PK1060	Hardware Package includes:	1
6	453HA	Front Frame Hanger	2
7	HA168	Rubber Hanger	2
8	MC300BS	3" Stainless Band Clamp	4
9	HW287	M10-1.5 x 75 Bolt	4
10	HW506	3/8" x 1 1/2" Spacer	4
11	HW303	3/8 Flat Washer	4
12	HW502	7/16" Hanger Keeper	4
13	HW503	1/2" Hanger Keeper	4

ITM #	PART #	DESCRIPTION	QTY.
1	15194S	Left Resonator	1
2	15195S	Right Resonator	1
3	26838S	Scavenger Assembly	1
4	843049-575	Right Muffler	1
5	843049-576	Left Muffler	1

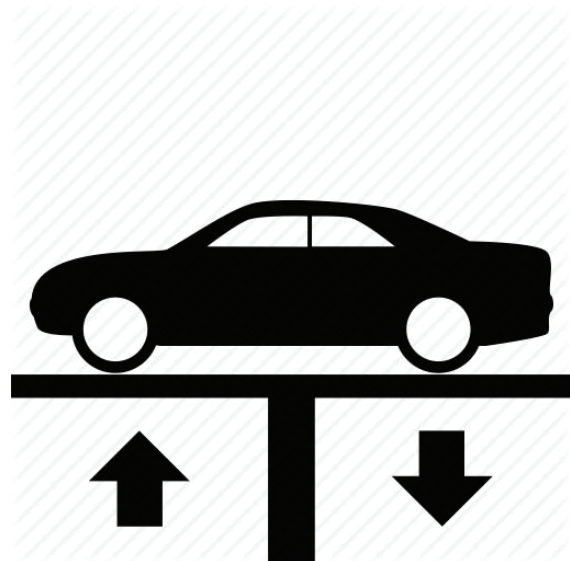
**PREPARE VEHICLE FOR KIT INSTALLATION:**

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.

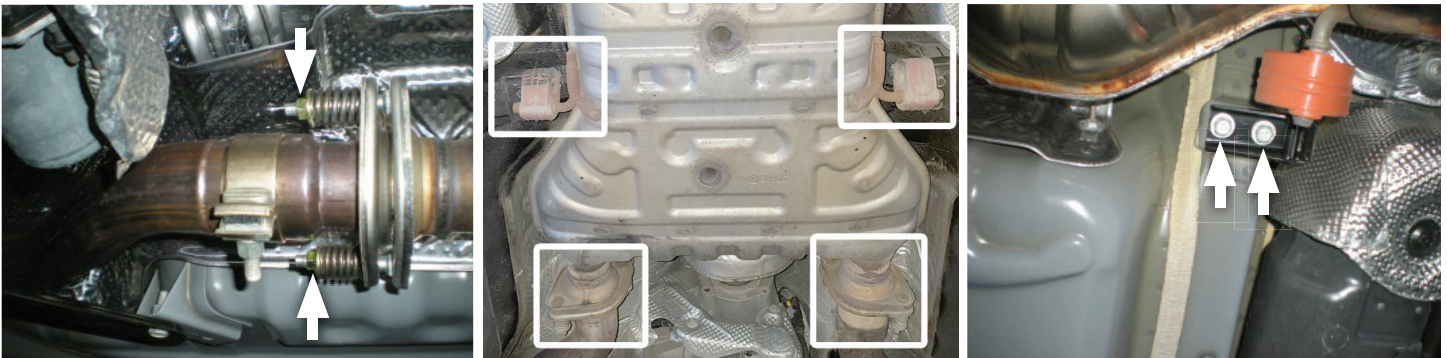


- Support system with stands then loosen ball clamp, disconnect isolator from hanger and remove driver side muffler. Disconnect remaining hangers from isolators.



- Remove fasteners and disconnect exhaust at front flange connections (x2). Retain (x4 ea.) springs and nuts. Disconnect wire hangers from isolators then remove exhaust from vehicle and set it aside.

- Remove and retain (x4) bolts that attach first set of factory hanger mounts behind front flange connections.



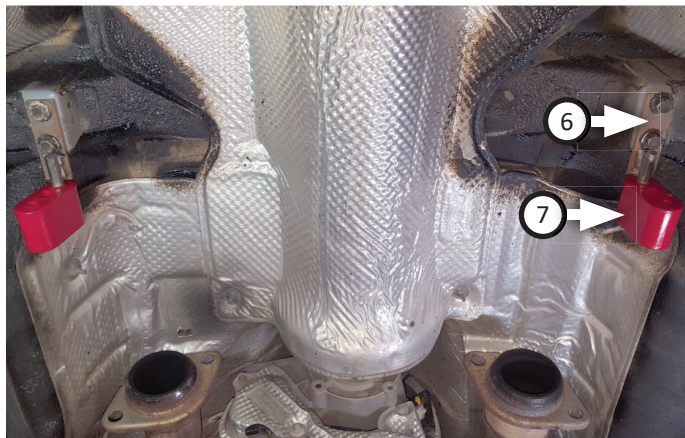
### INSTALL FLOWMASTER EXHAUST SYSTEM:

- Apply anti-seize compound to threaded fasteners for a more secure install.

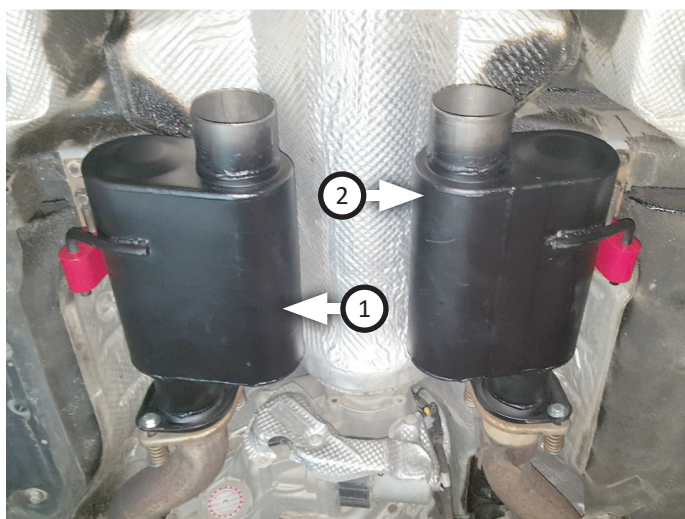
**NOTE:** The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.



7. Secure (x2) **front frame hangers (6)** in place with (x4) bolts (removed step 5). Hang (x2) **rubber hangers (7)** on them as shown.

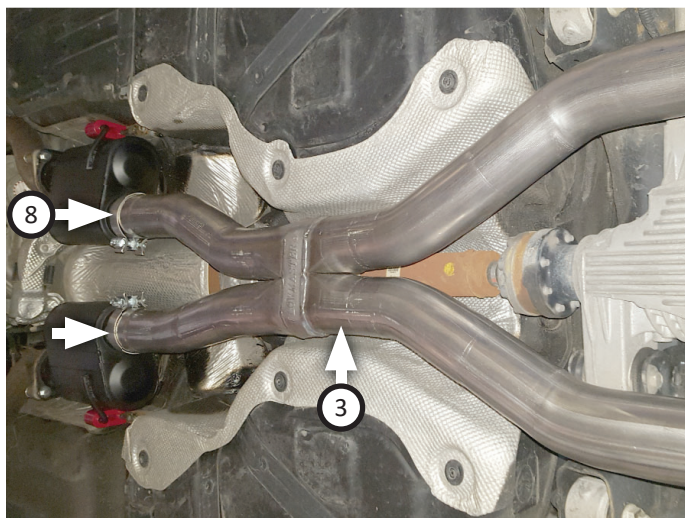


8. Connect **left (1)** and **right (2)** resonators onto inlets, inserting wire hangers into isolators. Secure flanges with (x2 ea.) **bolts (9)**, **flat washers (11)**, **spacers (10)** springs and nuts (removed step 4).



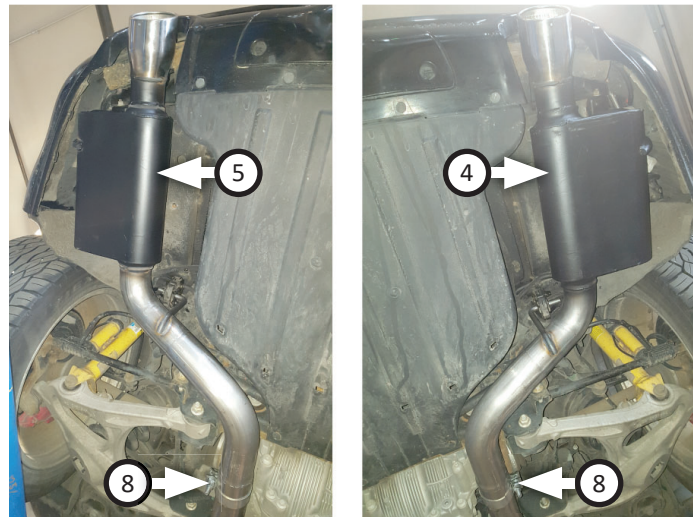
9. Place (x2) **clamps (8)** onto **scavenger assembly (3)** then connect it to resonators.

**NOTE:** Flowmaster logo on scavenger assembly should face ground when installed.



- Place **clamp (8)** onto **left muffler (5)** then connect it to left side of scavenger assembly, fitting wire hanger into isolator. Tighten clamps just enough to hold parts.

**NOTE:** Repeat step using **right muffler (4)** on right side of scavenger assembly.



- Adjust exhaust components for fit; maintaining  $\frac{1}{2}$ " clearance and compensating for suspension, travel and vibration, then tighten all clamps.
- Secure exhaust system by fitting (x4 ea.)  $\frac{7}{16}$ " and  $\frac{1}{2}$ " **hanger keepers (12) (13)** onto each wire hanger that runs perpendicular to your vehicles axle.
- 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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