



## Installation Instructions

# 717900

## 2009-20\* RAM 1500

## 5.7L HEMI ENGINE

## With Factory Dual Tailpipes

\*Will carry on through 2020 for Ram 1500 Classic Models 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	8430162-550	Direct Fit Muffler with Valve	1
N/A	PK1018	Hardware Pack includes:	1
2	GA157	0.5 x 2.25L 3M Two-Sided Tape	2
3	EV208	Actuator Mount Assembly	1
4	EV501	Valve Spring	1
5	EV700	Actuator Motor	1

ITM #	PART #	DESCRIPTION	QTY.
6	EV701	Control Unit, Key FOB	1
7	EV704	Wire Assembly	1
8	MC300BS	3" Band Clamp	1
9	MC225BS	2½" Band Clamp	2
10	HW283	M6 x 1.0 x 18mm Screw Assy	5
11	HW269	¼"-20 x ⅝" BTNHD Screw	1
12	HW332	¼" Split Lock Washer	1
13	HW124	18-8 Stainless ¼-20 Hex Nut	1
14	HW545	Nylon Cable Tie (Black)	10
15	HW546	16 GA 5" Micro2 Inline Fuse Holder	1
16	HW547	7.5 Amp Micro Fuse	1
17	HW549	Stp-dwn Butt Cnctr 16-14 to 22-18	1
18	HW551	Blue 18-14 Piercing Wire Tap	1
19	EV613	Exhaust Valve Fiber Washer	2
20	EV614	Exhaust Valve Fiber Spacer	1

### REMOVE STOCK EXHAUST SYSTEM:

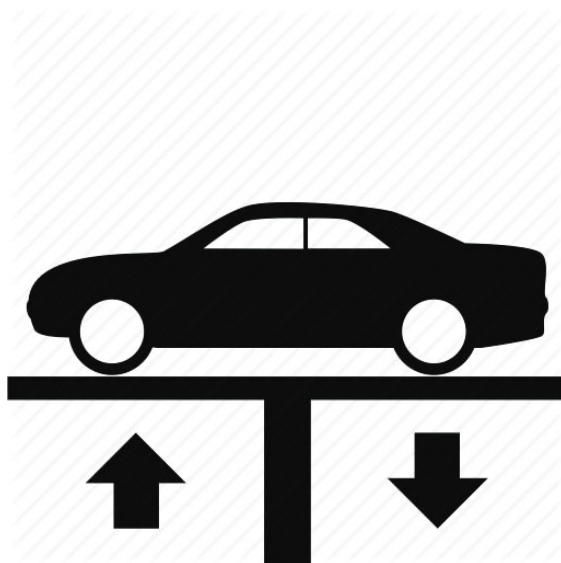
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

#### 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. Loosen clamps and remove both exhaust pipes from muffler exits. If necessary, disassemble wire hangers from isolators to make this easier.



4. Loosen clamp at front of muffler, unclip ground wire and disassemble muffler from mounts. Remove muffler from vehicle, making sure isolators stay attached.



#### INSTALL DIRECT FIT MUFFLER WITH VALVE:

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

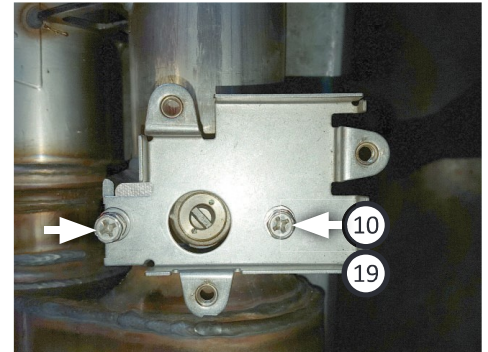
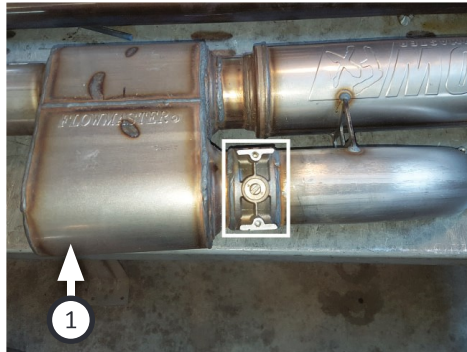
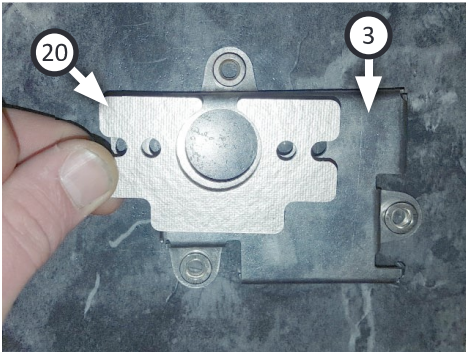
**NOTE:** The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.

6. Each muffler slip fit connection must seat 2" deep. Mark muffler accordingly so your Flowmaster exhaust system fits properly onto your vehicle.

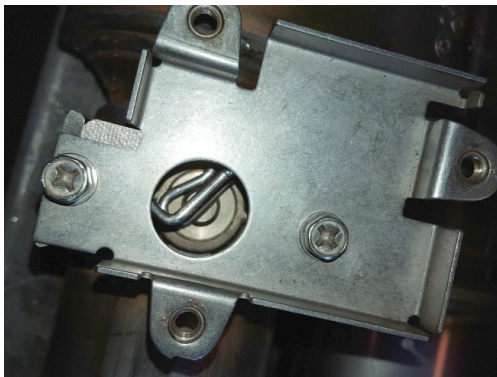




7. Place **fiber spacer (20)** onto **actuator mount assembly (3)**, then fasten them onto **muffler (1)** with (x2 ea.) **fiber washers (19)** and **bolt assemblies (10)**.



8. Set **valve spring (4)** into place on muffler valve underneath actuator mount assembly.



9. Set **actuator motor (5)** into actuator mount assembly, letting valve spring rest in notch. Fasten components together using (x3) **screw assemblies (10)**.

