



OUTLAW

S E R I E S

Installation Instructions

817783

2014-19 CHEVROLET CORVETTE

6.2L ENGINE

Fits vehicles equipped with 4 Valve NPP Performance exhaust option.

OVERVIEW:

1. Please take a moment to read and understand these instructions before installing your Flowmaster performance system.

CAUTION:

Before you begin, please understand that the installation of this system requires significant disassembly of the rear fascia.

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	853063-471	Right Muffler	1
2	853063-472	Left Muffler	1
N/A	PK834	Hardware Package includes	1
3	HW238	¼ - 20 x ¾" Button Head	2
4	HW101	¼ - 20 Hex Nut	2
5	HW306	¼" Split Lock Washer	2

REMOVE STOCK EXHAUST SYSTEM:

2. The entire lower rear bumper fascia (Blue portion in photo) must be removed. Consider covering body panel with masking tape for disassembly/assembly process to prevent any scratches.

CAUTION:

Do not turn vehicle ignition on at **ANY** time during removal/assembly process. Starting the engine or cycling the ignition during installation will trigger a check engine light.

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.



PREPARATION FOR INSTALL

3. Remove rear license plate, then remove all screws lining bottom of bumper fascia that secure lower edges. Retain all fasteners for later use.



4. Carefully remove grates from bumper sides by releasing small clips. Below, where red and black panels touch, they clip together. Use a small flat blade screwdriver to carefully separate them.



5. On each side of bumper fascia is a thin horizontal red reflector held in place with clips. Use a small flat blade screw driver to very carefully pop out reflectors. Then remove hex bolts (x4) securing fascia to bumper frame and under license plate location.



6. Remove hex bolts (x2) in cavity just above exhaust tips. With assistance, remove panel secured along top edge with clips. Grasp panel at one end through vertical slot, carefully pull it out and set it aside.



INSTALL FLOWMASTER EXHAUST SYSTEM

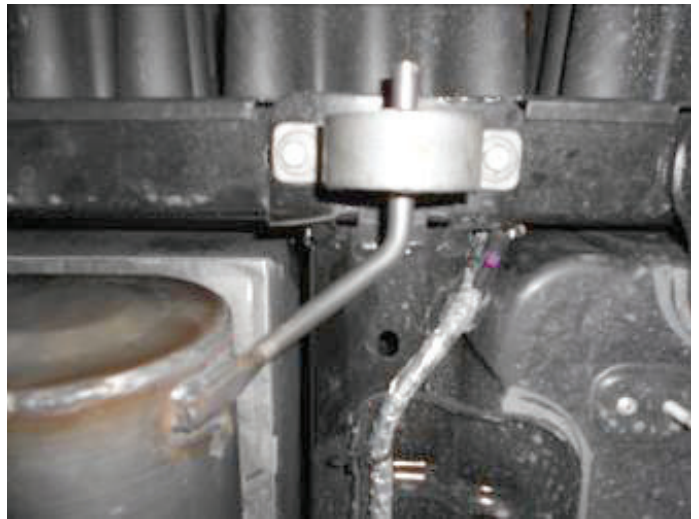
7. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands. Factory mufflers (x2) are connected by small brackets fastened with small hex bolts. Remove these so mufflers can be removed separately.



8. Find clamp connection on each pipe just forward of rear sub-frame and axles. Loosen nut on each clamp. On outer exhaust tip at rear of mufflers is an electrical butterfly actuator. Disconnect electrical connector at each actuator.



9. Disassemble both muffler assemblies by unbolting their hanger mounts, loosening front connection then pulling them out over axle. Transfer hanger mounts from factory to Outlaw mufflers and retain bolts for later.



NOTE: Once actuator motors are removed from factory system, please note orientation of actuator lever. Do **NOT** turn or rotate levers.

10. Remove hex head screws (x3) and butterfly actuators mounted to outer tip of each muffler and inlet pipe assemblies. Retain them for next step.



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11. Install butterfly actuators onto valves in **left (2)** and **right (1) mufflers** using hardware from last step.



12. Route each muffler up and over axle into clamped connection then install final actuator onto front driver side valve. Secure assembly with fasteners and hanger mounts (removed step 9) to vehicle frame.



13. Connect small brackets at muffler rear using **screws (3)**, **split lock washers (5)** and **nuts (4)**. Then reconnect electrical connectors to actuators.
14. To complete installation, follow **PREPARE FOR INSTALL** steps in reverse. Once rear fascia is back in place, align mufflers/tips as necessary before fastening inlet clamps and rear button head bolts.



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

NOTE: The GM service manual recommends conducting an **ACTUATOR LEARN PROCEDURE** on this exhaust system once changed. Should your vehicle throw a check engine light or malfunction, find a GM dealer to complete said procedure.





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Installation Diagram

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