



OUTLAW
S E R I E S

409S, Stainless Steel

Installation Instructions for:
SYSTEM #817609
2013-2015 CHEVROLET CAMARO
6.2L · V8 ENGINE
WITH FACTORY DUAL MODE EXHAUST
DOES NOT FIT CONVERTIBLE

07/31/14

Removal:

- 1) Raise vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto the rubber hangers.
- 2) Remove the stock exhaust system from the slip connections just behind the catalytic converters back by loosening the two bolts at each of these two clamped connections. Using a 13mm socket, unbolt the body brace between the catalytic converters and the muffler assembly. (Put this brace and the four bolts aside for reinstallation after the Flowmaster system is installed.)
- 3) Support the rear of the system with a stand. At the rear of each muffler is a vacuum operated actuator, carefully remove the vacuum line from the actuator by slipping the rubber hose off of the fitting. Next, slide the hangers on the mufflers out of the rubber mounts on the vehicle. With the help of an assistant, slide the system back off of the head pipes and then forward to remove from the vehicle. Leave the stock head pipe clamps in place as they will be used with the new system.
- 4) Using the included **HW508** rubber vacuum plugs, remove the rubber hose from the end of the plastic vacuum line on both sides of the vehicle and replace with the rubber plug, be sure the plug is full seated. Then use the included **HW504** zip-ties to fasten the vacuum lines up to the bottom of the vehicle away from the exhaust.

Installation:

- 1) Place Scavenger pipe assembly **#26271S** onto the back of the stock head pipes (make sure the Flowmaster embossing is facing the ground). Level and center the assembly in the drive line tunnel and support with a stand. Tighten the stock clamps enough to hold, but still allow for adjustment. Reinstall the body brace using the bolts removed in Step 2 (make sure there is clearance between the Scavenger pipe and the cross-member).

Note: On Auto Transmission cars, there is a ¼" diameter metal vent tube for the transmission that is routed above the right side pipe. It will need to be gently bent up closer to the body to clear the Scavenger pipe.

- 2) Place a supplied 3" band clamp onto the slip-fit of each of the two intermediate pipes **#26486S** and **#26487S**. Place the right intermediate pipe **#26487S** onto the right scavenger outlet and tighten the clamp enough to hold, but still allow for adjustment. Repeat for the left intermediate pipe.

3) Place a supplied 3" band clamp onto the inlet of the right muffler **#8430012-289**. Place the muffler into position with the tips in the cutout and connect the hangers to the factory rubber mounts. Slide the muffler inlet over the intermediate pipe and tighten the clamp enough to hold, but still allow for adjustment. Repeat this step for the left muffler **#8430012-288**.

4) Adjust the position of all the pipes and mufflers to provide a satisfactory fit. A minimum of 1/2" clearance around all parts of the system must be maintained; while keeping suspension travel and vibration in mind. Pay close attention to the area around the body brace. It is best to jack, or lift up the scavenger pipe assembly before tightening the system to ensure proper clearance. After all adjustments have been made, you may now securely tighten all clamps.

5) After the system is secure, slide the 7/16" hanger keepers onto the ends of the hangers located at the rear of the vehicle. These will prevent the hangers from slipping out of the rubber mounts.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Left Muffler Assembly	8430012-288
1	Right Muffler Assembly	8430012-289
1	Scavenger Assembly	26271S
1	Left Intermediate Pipe	26486S
1	Right Intermediate Pipe	26487S
1	Parts Kit	PK782
4	3" Band Clamp	MC300BS
2	Rubber Vacuum Plug	HW508
2	8 1/2" Zip-tie	HW504
6	7/16" Hanger Keepers	HW502



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