



OUTLAW SERIES 4096, Stainless Steel

Installation Instructions for:
SYSTEM #817734
2015-2017 MUSTANG GT
5.0L · V8 ENGINE
Fast-Back Models Only. Does Not Fit convertible.

Removal:

10/11/16

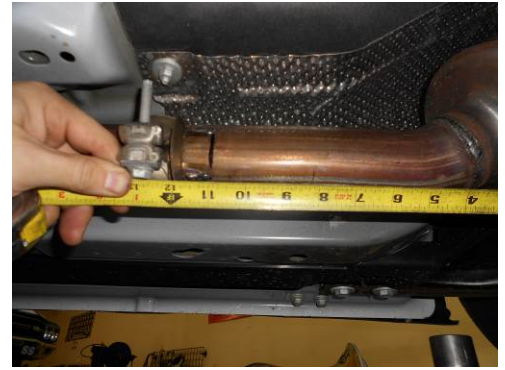
1) Raise the vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, raise the vehicle and support securely with jack stands. To ease the removal of the stock system, spray a penetrating lubricant onto the bolts of the two clamp connections just forward of the center resonator as well as the rubber hangers just behind the rear differential and also at the rear of the vehicle.



2) Support the center resonator with a stand, then loosen the four nuts and the two band clamp connections at the resonator inlet, use a screwdriver to pry up the clips on the clamp body to release the clip from the tab on the inlet pipes. Slide the clamp assemblies slightly back to clear the tabs.



3) Using a 13mm wrench, unbolt the two hangers just behind the rear differential from the cross member. Now, with the help of an assistant, carefully lower the center stand and slide the exhaust system forward and out of the rear hanger mounts. Lower the system to the floor leaving the front hangers attached. Finally, remove the two hanger mounts at the rear of the vehicle from the frame using a 13mm wrench. As you remove them, place them with the factory muffler from the corresponding side.



4) Begin by measuring back 11" from the bottom case weld on both catalytic converters as shown in the photos above and make a mark on both pipes. Support the exhaust system behind the area to be cut, then once you've double checked that the measurements are correct, cut both pipes at the marks. **Note: Due to the closeness of the pipes to the floor of the vehicle, use caution when cutting!** Carefully deburr the end of the pipes where cut with a file or die grinder.

Installation:



1) Remove the factory band clamps from the factory exhaust system and place them onto the downpipes behind the catalytic converters. Place the 26513S Scavenger assembly into place behind the factory downpipes and support the rear of the assembly with a stand. Slide the clamps back to the bump stops on the Scavenger pipe and tighten both band clamps enough to hold, but still allow for adjustment. Be sure that the Scavenger assembly is fully forward, and that the embossed Flowmaster in the center case is facing the ground before tightening.



2) Place a provided 3" clamp onto the expanded end of left mid pipe **#26514S**, then slide completely onto the left side of the Scavenger assembly and tighten the clamp enough to hold, but still allow for adjustment. Repeat this step on the right side of the vehicle with mid pipe **#26515S**.

- 3) Place the new Flowmaster muffler units next to the factory exhaust system and swap the front and rear hanger mounts from the stock mufflers to the Flowmaster assemblies. Also, place a provided 3.00" clamp onto the inlet of each muffler assembly. Tighten the clamp just enough to hold in place.



- 4) Place the right muffler assembly **#815430-387** up into position and slide the inlet completely onto the **26515S** mid pipe. Support the assembly with a stand and remount the rear hanger mount to the frame, tighten securely. Remount the front hanger to the cross member and tighten securely. Leave the clamp on the inlet loose for now. Repeat this step with muffler assembly **#815430-386** on the left side of the vehicle.

- 5) Adjust the position of the Scavenger assembly, mid pipes and the two muffler assemblies 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. Start at the front band clamps and adjust and securely tighten the clamps as you move to the rear of the vehicle.

- 6) For a more secure installation, we highly recommend placing a minimum 1" weld on either side of all clamped slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Scavenger Assembly	26513S
1	Left Mid Pipe	26514S
1	Right Mid Pipe	26515S
1	Left Muffler Assembly.	815430-386
1	Right Muffler Assembly.	815430-387
1	Hardware Pack	PK796
4	3" Clamp	MC300BS



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Installation diagram for:
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