



AMERICAN THUNDER

4099. Stainless Steel

Installation Instructions for:
SYSTEM #817750
2015-2017 MUSTANG
2.3L EcoBoost
Fits Fast-Back and Convertible Models.

10/10/16

Removal:

1) Raise the vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto the clamped connection just forward of the center resonator, the rubber exhaust isolators just behind the rear differential, and at the rear of the vehicle.



2) Support both of the mufflers at the rear of the system with a stand. Then using a 13mm wrench, unbolt the two hangers located just behind the rear differential from the cross member, leave them attached to the factory exhaust system. Again using a 13mm wrench, unbolt the hangers at the rear of the vehicle from the frame and leave attached to the system.



3) Using a 15mm wrench, loosen the two bolts at the clamp connection in the center of the vehicle. Use a small screwdriver to lift the clip and with the help of an assistant, carefully lower the stands at the rear of the vehicle and slide the system toward the rear and off of the front pipe. Lower the system from the vehicle. The clamp should remain on the factory front pipe as it will be re-used with the new Flowmaster system.

Installation:



1) Place the new Flowmaster muffler assemblies next to the factory units and swap the front and rear hanger mounts from the stock mufflers to the Flowmaster assemblies. Place a provided 2.25" clamp onto the inlet of each assembly. Tighten the clamp just enough to hold in place.



2) Place the Y-pipe assembly **#86320S** up into position behind the factory front pipe and slide into the clamp until it stops. Support the rear of the Y-pipe with a stand and tighten the clamp enough to hold, but still allow for adjustment. The Y-pipe outlet with two bends will be oriented to the drivers' side of the vehicle.



3) Place the right muffler assembly **#815430-403** up into position and slide the inlet onto the Y-pipe approx. 2.00". 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 **#815430-402** on the left side of the vehicle.

4) Adjust and level the Y-pipe and 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. After adjustments have been made, you may now securely tighten all of the clamps. For a more secure installation, we highly recommend placing a minimum 1" weld on either side of the muffler slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Y-Pipe Assembly	86320S
1	Left Muffler Assembly	815430-402
1	Right Muffler Assembly	815430-403
1	Hardware Pack	PK798
2	2 1/4" Clamp	MC225BS



Installation diagram for:
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