



# Installation Instructions

## 818193

2024 Ford Mustang

2.3L EcoBoost

Coupe or Convertible

With or Without Active-Valved Exhaust



Installation requires cutting the OEM exhaust and moderate mechanical skill. If this job is beyond your abilities, seek the services of a qualified technician.

If you do not understand any part of these instructions, please call Flowmaster Technical Support at (866) 464-6553 for assistance.

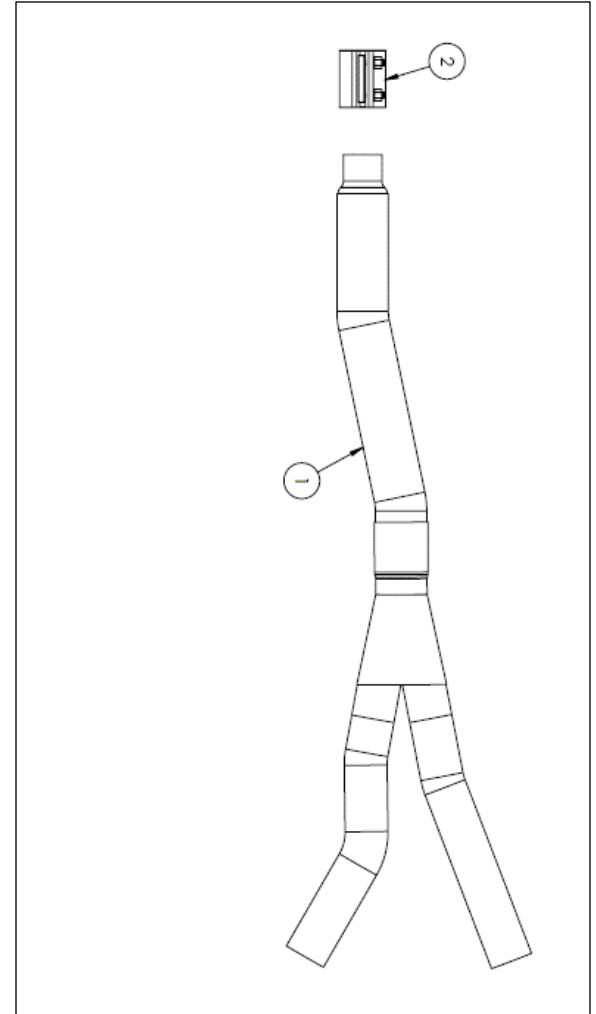
Apply penetrating oil generously to clamps, fasteners, pipes, and hanger rods for ease of disassembly.

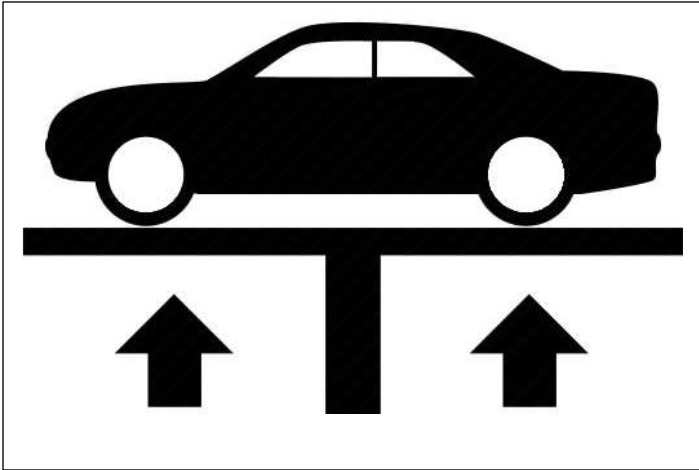
### REVIEW THE INSTRUCTIONS & VERIFY THE KIT CONTENTS

Take a moment to read and understand these instructions before installing your Flowmaster exhaust kit.

ITM#	Part #	Description	Qty.
1	86770S	Y-Pipe Assembly	1
2	556R26	2.5" Stainless Couplers	2

Use the parts drawing and list to identify components and verify your kit's contents. In the unlikely event that any parts are missing, please contact Flowmaster Technical Support for replacements.





## Vehicle Compatibility

Model Year: 2024

Make: Ford Mustang

Engine: 2.3L EcoBoost

- For 2.3L EcoBoost vehicles with active-valved or standard non-valved exhaust systems.
- Will not work with Flowmaster PN:818161
- Will not fit 5.0L GT

### BEFORE STARTING:

Raise the vehicle to a minimum of eighteen inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. **Please read and understand these instructions and disclaimer in their entirety before attempting installation.**

**CAUTION! WORK ONLY ON A LEVEL SURFACE. USE JACKS /JACK STANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.**

### Removing the OEM Exhaust:

**NOTE:** Cutting the factory exhaust is necessary. Please read and follow all instructions before attempting to install this exhaust system.

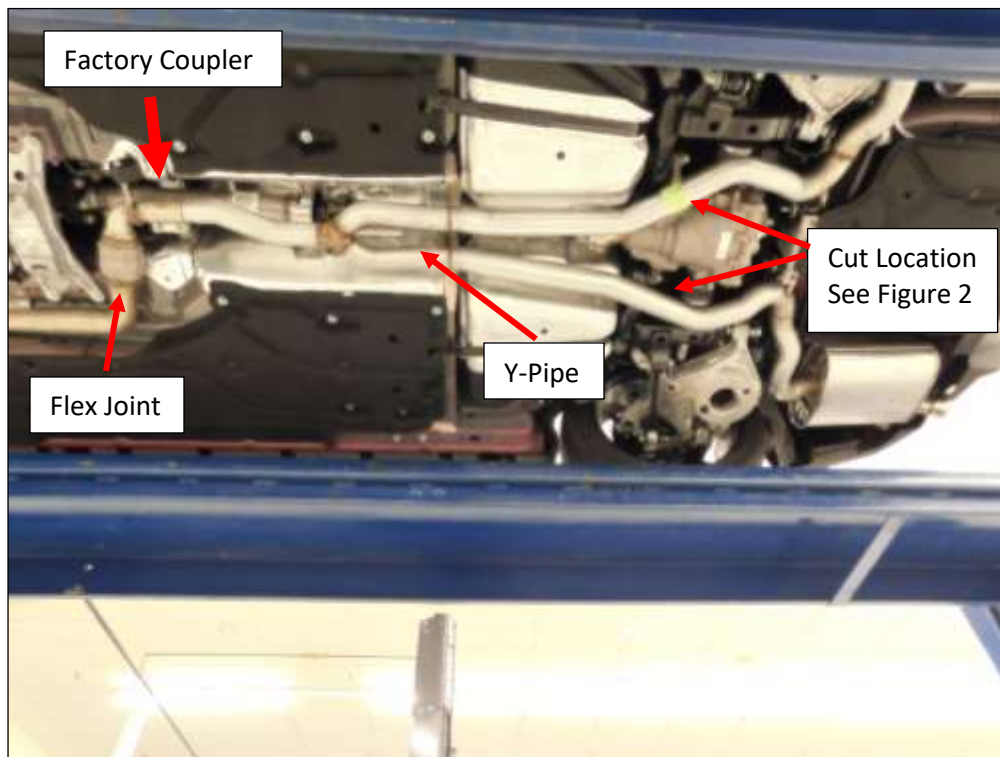


Figure 1

## Removing the OEM Exhaust Continued

1. Support the center resonator/ Y-pipe with a jack stand.
2. Mark the exhaust pipe between the center resonator and the muffler as shown in **Fig. 2**.
  - Measure 5" from the beginning of the straight section of tube after the bend towards the muffler.
  - Make a witness mark at 5".
  - Wrap a piece of masking tape around the pipe at the witness mark to make a straight edge to follow while cutting the tube.
  - Double check your measurements and the location for accuracy.
  - Use a reciprocating saw or cut off wheel and cut the exhaust at the edge of the tape as shown in **Fig. 2**.
  - Deburr the tubes inside and out.

**IMPORTANT:** Use caution when cutting the exhaust and protect the chassis and suspension parts from the saw blade and Possible damage to the car.

**NOTE:** Do not remove the mufflers unless you are installing the Flowmaster axle back exhaust. Refer to the kit instructions and hardware when installing a Flowmaster axle-back exhaust system.

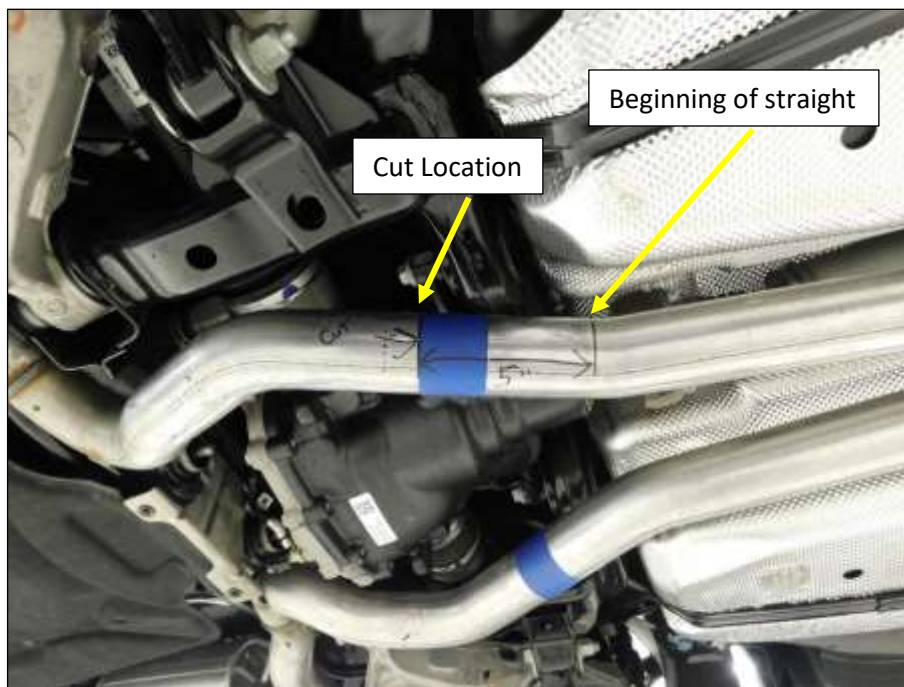


Figure 2

3. Loosen the 15mm nuts on the coupler at the flex joint and the factory Y-pipe inlet. **Fig. 1**
4. Remove the factory Y-Pipe from the coupler.

## INSTALL YOUR FLOWMASTER EXHAUST SYSTEM

1. Install the reduced end of the Flowmaster Y-Pipe (1) into the coupler at the flex joint. **Fig.3**
2. Support the Y-pipe with a jack stand.
3. Install the supplied couplers (2) on to the Y-Pipe outlets (1). **Fig. 4**
4. Align the Factory muffler pipes and the Y-pipe inlets and slide the supplied couplers (2) on to the muffler pipes so the coupler has a 50/50 split between the Y-Pipe and the muffler pipes. **Fig. 4**
5. Tighten the couplers to allow for adjustment.
6. Adjust the mufflers and Y-Pipe for correct alignment and tighten the couplers.

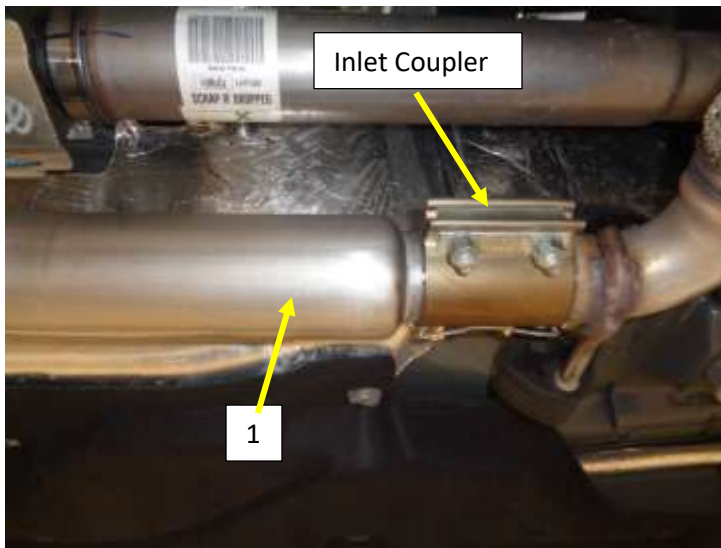


Figure 3

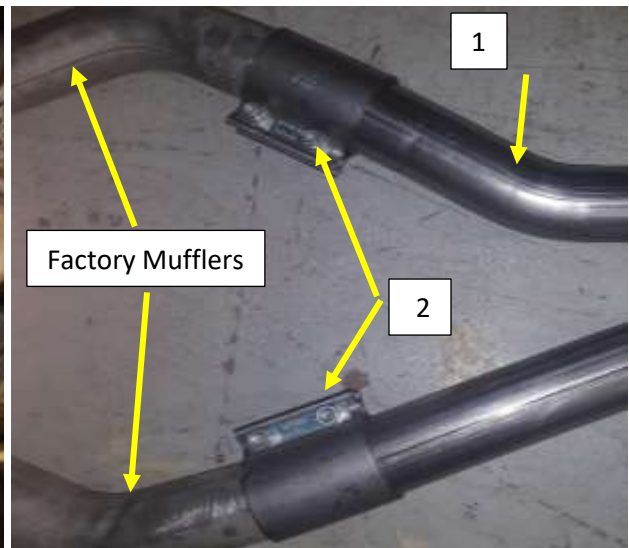


Figure 4



Shown with Flowmaster axle-back exhaust installed.

## Enjoy Your Flowmaster Exhaust!