



Installation Instructions

818193

2024-2025 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.

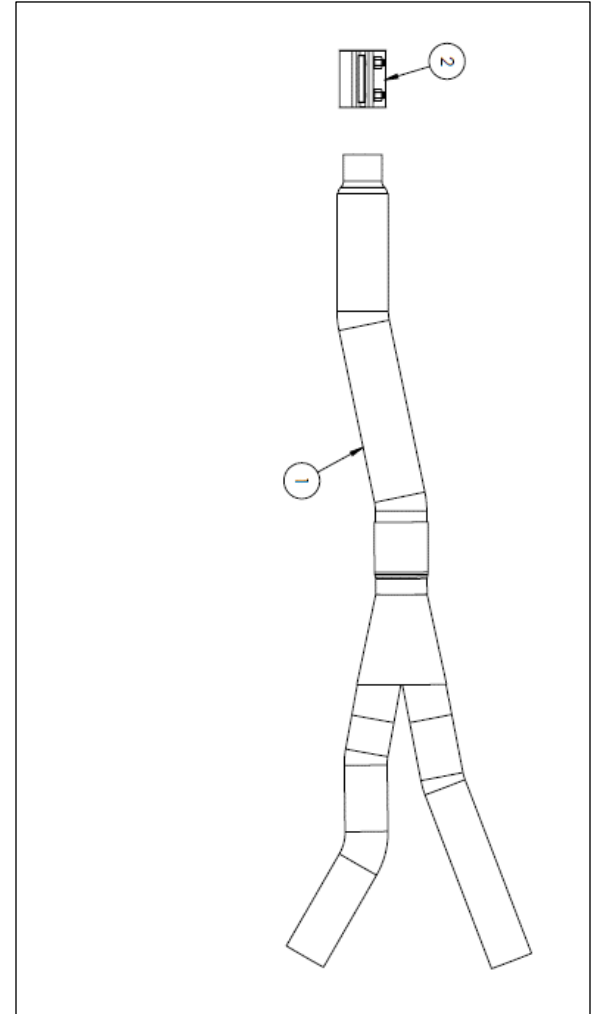
Apply penetrating oil generously to clamps, fasteners, pipes, and hanger rods for ease of disassembly.

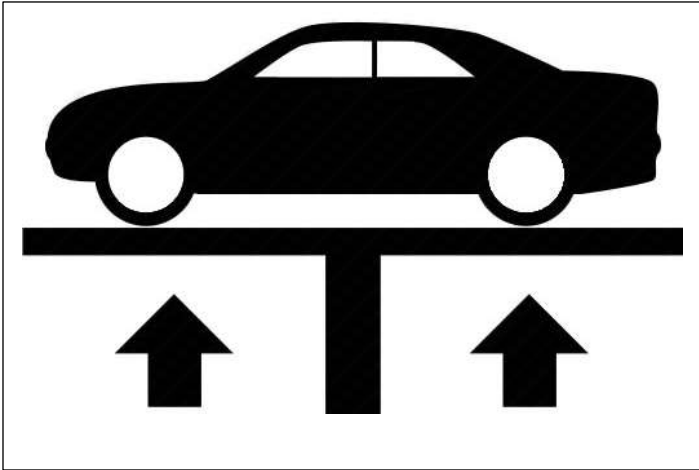
REVIEW THE INSTRUCTIONS & VERIFY THE KIT CONTENTS

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: 2024-2025

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.

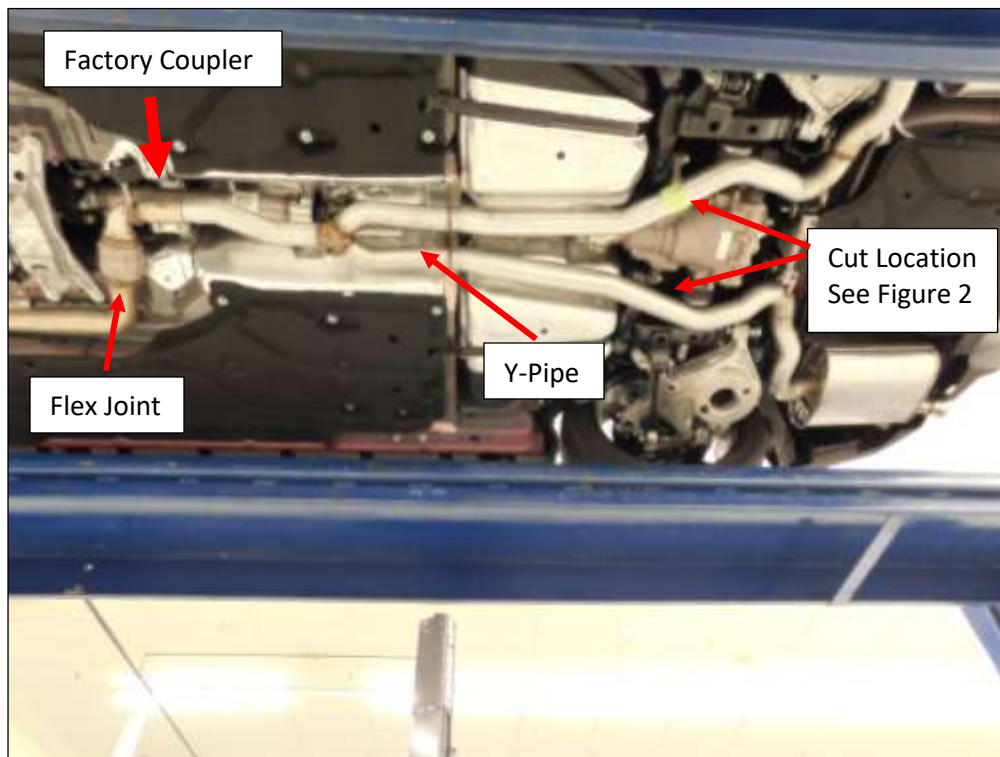


Figure 1

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.

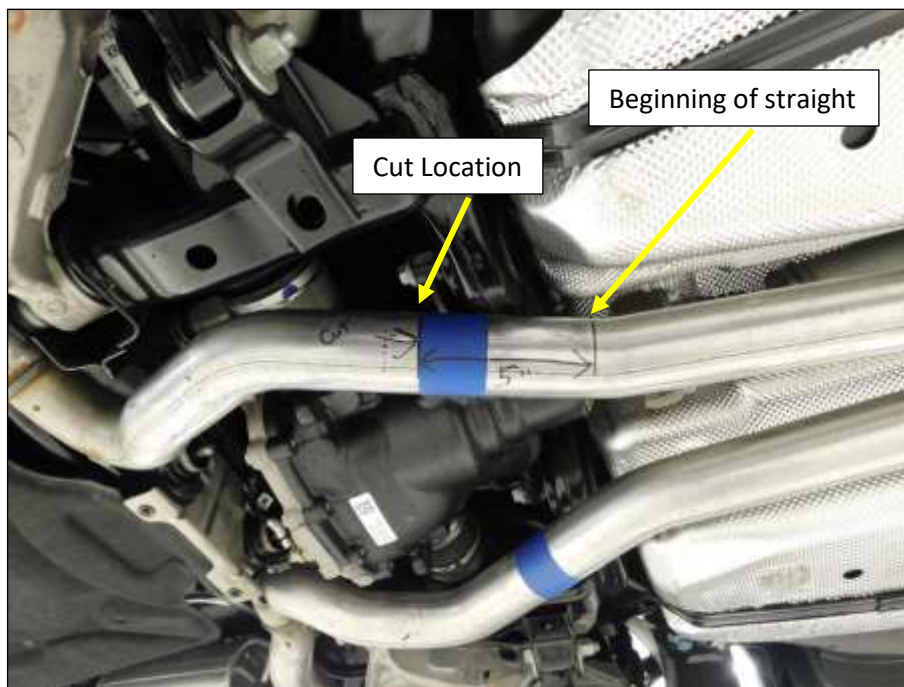


Figure 2

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.

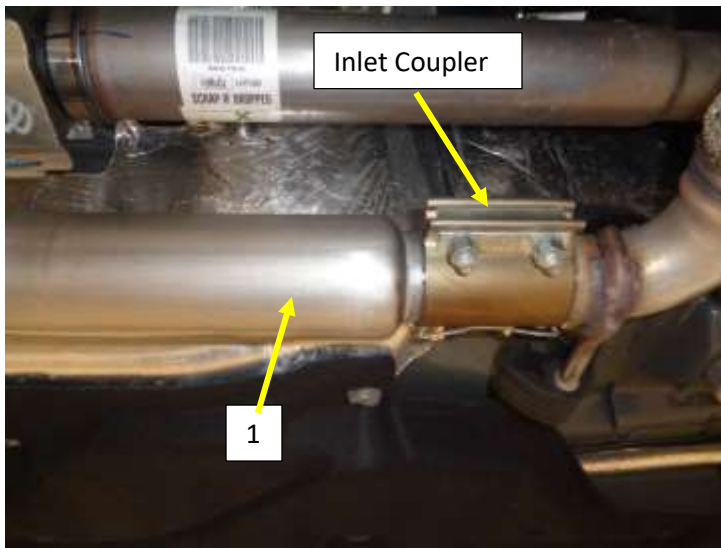


Figure 3

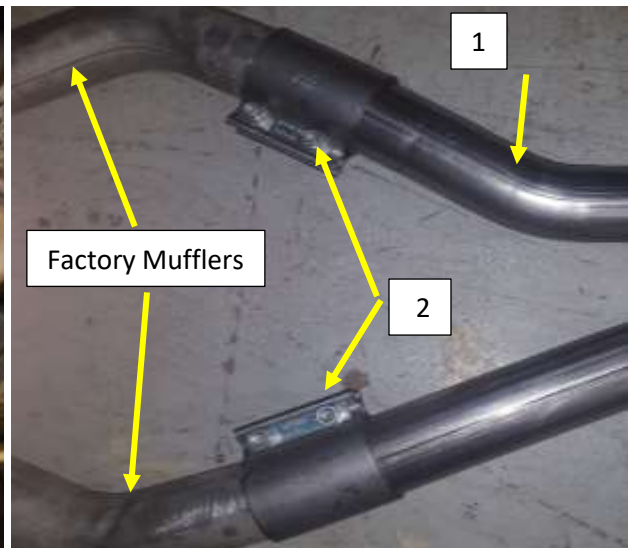


Figure 4



Shown with Flowmaster axle-back exhaust installed.

Enjoy Your Flowmaster Exhaust!