



## Flowtech Axle-Back Exhaust System Installation Instructions

**12145FLT (Muffled) & 12145RFLT (Non-Muffled) – 2015-17 Ford Mustang 2.3L L4 & 3.7L V6**  
**12146FLT (Muffled) & 12146RFLT (Non-Muffled) – 2015-17 Ford Mustang 5.0L V8**

### Installation Instructions



**12145FLT**

**12146FLT**

Thank you for making FLOWTECH your choice in a high-performance exhaust system. Extensive dyno/track testing has enabled FLOWTECH to offer the most advanced design in exhaust systems. The installation, while not complex, will take a certain amount of time. However, the additional horsepower and improved performance will more than justify your efforts. Proper installation and maintenance will ensure long life and maximum performance from your FLOWTECH exhaust system.

### **BEFORE STARTING:**

Your vehicle must be raised a minimum of 36 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 these instructions 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.**

### **INCLUDED HARDWARE:**

Qty.	Description
2	Band Clamps (2.25" w/ 12145FLT & 12145RFLT, 2.5" w/ 12146FLT & 12146RFLT)
1	Left Side Axle-Back Exhaust
1	Right Side Axle-Back Exhaust

Check the hardware package. If anything is missing, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

### **INSTALLATION:**

1. Disconnect the negative cable from the vehicle battery.
2. Lift the vehicle and secure on jack stands.
3. Locate the area of the left side mid pipe as shown in **Figure 1**.



Figure 1

4. Measure 8-3/4" inches to the left of the weld as shown in **Figure 1**. Mark this with a permanent marker and use masking tape to wrap around the OE pipe to ensure a straight cut as shown in **Figure 2**. Draw arrows to ensure you cut at the correct side of the masking tape. **Double check and measure twice before cutting.**



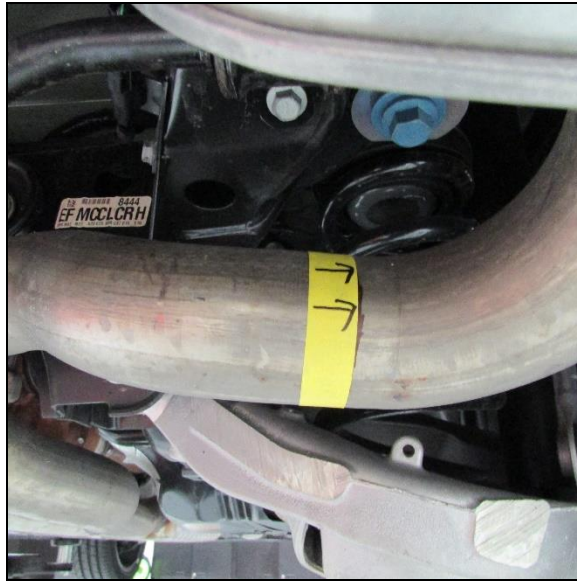
Figure 2

5. Locate the area of the right side mid pipe as shown in **Figure 3**.



Figure 3

6. Measure 8-3/4" inches to the right of the weld as shown in **Figure 3**. Mark this with a permanent marker and use masking tape to wrap around the OE pipe to ensure a straight cut as shown in **Figure 4**. Draw arrows to ensure you cut at the correct side of the masking tape. **Double check and measure twice before cutting.**



**Figure 4**

7. When complete, de-burr the inside and outside, and clean the outside of the cut tube (BE CAREFUL AS THE CUT ENDS WILL BE VERY SHARP).
8. Remove the (x4) 13mm head bolts securing the left and right side rear OE muffler isolation mount brackets to the chassis. Remove the OE muffler sections.
9. On a workbench, remove the (x4) isolation mount brackets off the OE muffler sections and transfer onto the Flowtech Axle-Back Exhaust System. We recommend transferring the isolation mount brackets one a time to ensure they go to the appropriate locations.
10. Using (x1) supplied band clamp, install the Left Side Axle-Back Exhaust. Do not tighten the band clamp.
11. Using (x1) supplied band clamp, install the Right Side Axle-Back Exhaust. Do not tighten the band clamp.
12. Align the Flowtech Axle-Back Exhaust System including the left and right side tips to your desired position. Tighten the (x2) band clamps from steps 10 and 11 to 32-35 ft./lbs. (DO NOT OVER TIGHTEN CLAMPS)
13. Re-check your work.
14. Re-connect the battery, start the engine, and check for leaks.
15. Remove jack stands and lower vehicle.
16. After 150 miles, re-check and tighten all bolts and clamps.

**NOTE: It is normal for the Flowtech Axle-Back Exhaust System to emit smoke for the first few minutes during break-in period.**

**LIMITATION OF LIABILITY – DISCLAIMER:**

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

FLOWTECH™ makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the catalog, instruction sheet; or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

**THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.**

California vehicle code, sections 27156 and 38391, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system, unless exempted, unless otherwise noted. FLOWTECH™ Exhaust that have not received an Executive Order (E.O.) exemption from these code sections are not legal for sale or use in California on vehicles originally equipped with catalytic converters, except for racing vehicles, which may never be driven upon a highway. Check with your local authorities to determine if these headers are legal for use in your particular area.

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**Date: 7-11-18**