



**2015 Ford Mustang Ecoboost I4-2.3L Axle-Back Exhaust System w/ Mufflers
70403307-RHKR (Polished Tips) & 70403309-RHKR (Black Tips)
Installation Instructions**



Thank you for making HOOKER BLACKHEART your choice in a high-performance exhaust system. Extensive dyno/track testing has enabled HOOKER 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 HOOKER BLACKHEART 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 /JACKSTANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.

INCLUDED HARDWARE:

| P/N | Qty. | Description |
|--------|------|--|
| 556R22 | 2 | Band Clamp, 2.5" x 1.25" Wide, SS Torca |
| 556R25 | 2 | Band Clamp, 2.25" x 1.25" Wide, SS Torca |

INSTALLATION:

ATTENTION: THIS KIT REQUIRES CUTTING AND WE RECOMMEND THIS INSTALLATION BE DONE BY A PROFESSIONAL TECHNICIAN.

1. Disconnect the negative cable from the vehicle battery.
2. Lift the rear of the vehicle and secure on jack stands.
3. From under the vehicle, refer to **Figure 1** and locate this area of the OE mid pipe. This section of the OE mid pipe is about to the end of the rear of the gas tank.

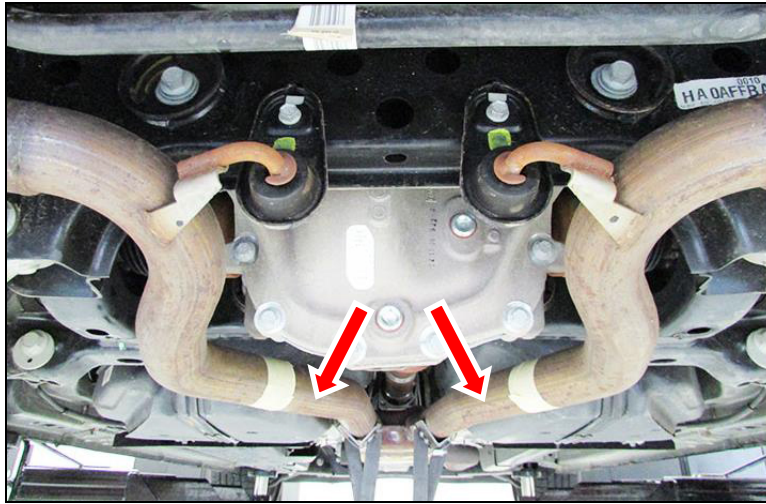


Figure 1

4. With a permanent marker, locate the tangent line (where the bend ends and the straight section of pipe begins) of the left side OE mid pipe and mark a straight line. Now, mark another straight line exactly 4.5" after your tangent mark (4.5" towards the direction of the rear of the vehicle). We suggest using masking tape to wrap around the OE mid pipe to ensure a straight cut. Draw arrows to ensure that you cut the correct side of the masking tape (Figure 2). **DOUBLE CHECK AND MEASURE TWICE BEFORE CUTTING.**

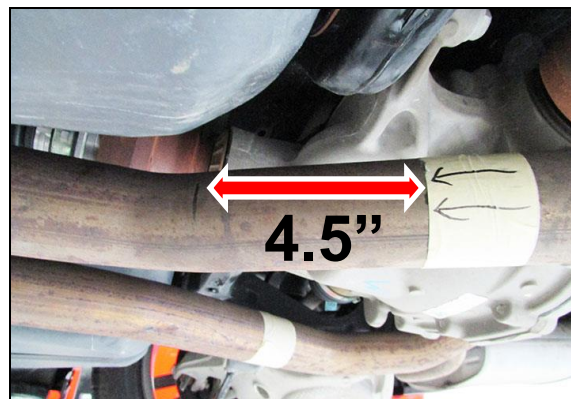


Figure 2

5. With a permanent marker, locate the tangent line (where the bend ends and the straight section of pipe begins) of the right side OE mid pipe and mark a straight line. Now, mark another straight line exactly 4.5" after your tangent mark (4.5" towards the direction of the rear of the vehicle). We suggest using masking tape to wrap around the OE mid pipe to ensure a straight cut. Draw arrows to ensure that you cut the correct side of the masking tape (Figure 3). **DOUBLE CHECK AND MEASURE TWICE BEFORE CUTTING.**

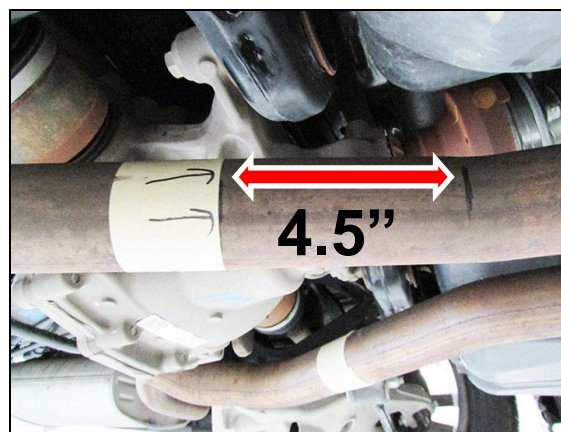


Figure 3

6. When complete, de-burr the inside and outside of the cut tube. **BE CAREFUL AS THE CUT ENDS WILL BE VERY SHARP!**

7. Remove the (x2) 13mm head bolts (**Figure 4**) securing the left and right side front OE muffler isolation mount brackets to the chassis. Set these parts aside, as they will be re-used.

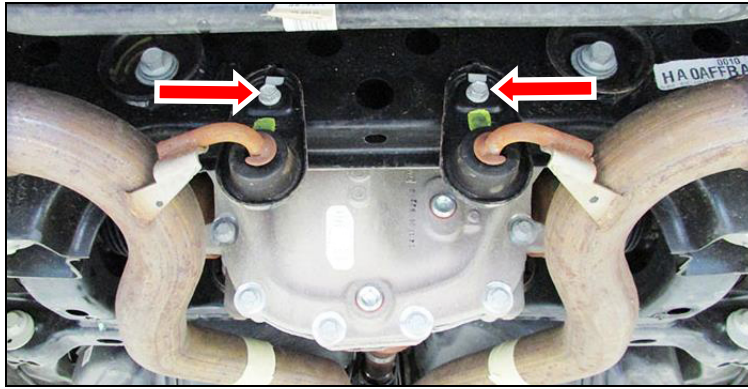


Figure 4

8. Remove (x2) 13 mm head bolts securing the left side rear OE muffler isolation mount brackets to the chassis. Remove the left side OE muffler section (**Figure 5**).

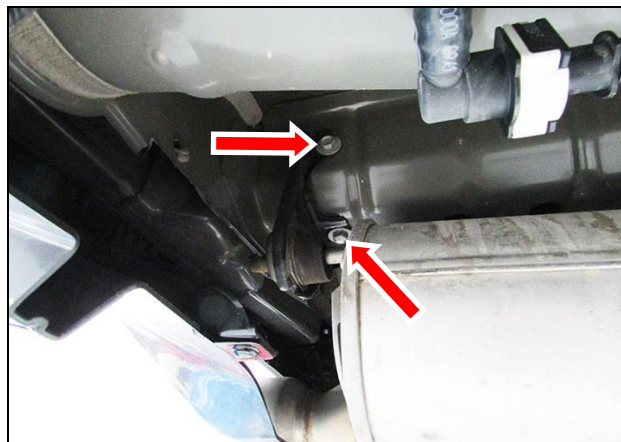


Figure 5

9. Remove (x2) 13 mm head bolts securing the right side rear OE muffler isolation mount brackets to the chassis. Remove the right side OE muffler section (**Figure 6**).

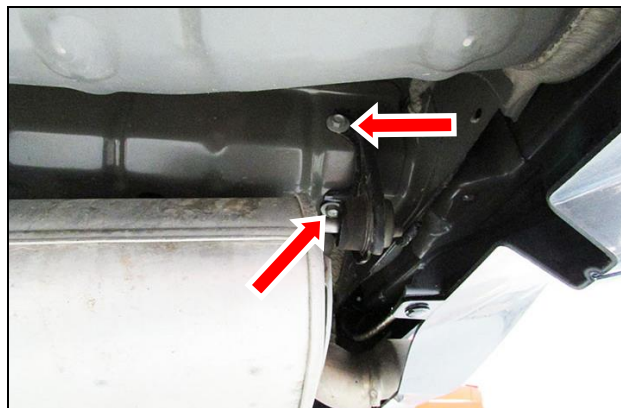


Figure 6

10. On a workbench, remove the (x4) isolation mount brackets off the OE muffler sections and transfer onto the Blackheart Axle Back Exhaust System. The left and right side rear most isolation mounts need to slide onto the left and right side Blackheart hanger rods until they touch the hanger rod stops. We recommend transferring the isolation mount brackets one at a time to ensure they go to the appropriate locations.
11. Using (x1) 2.25" supplied band clamp and the original bolt removed from step 7, install the left side Blackheart inlet mid pipe section and tighten the 13mm head bolt. The inlet pipe should slide about 2.0-2.5" over the OE left side mid pipe. Do not tighten the band clamp.

12. Using (x1) 2.5" supplied band clamp and the (x2) original bolts removed from step 8, install the left side Blackheart muffler section and tighten the (x2) 13mm head bolts. Do not tighten the band clamp.
13. Using (x1) 2.25" supplied band clamp and the original bolt removed from step 7, install the right side Blackheart inlet mid pipe section and tighten the 13mm head bolt. The inlet pipe should slide about 2.0-2.5" over the OE right side mid pipe. Do not tighten the band clamp.
14. Using (x1) 2.5" supplied band clamp and the (x2) original bolts removed from step 9, install the right side Blackheart muffler section and tighten the (x2) 13mm head bolts. Do not tighten the band clamp.
15. Align the Blackheart exhaust system, including the left and right side tips to your desired position. Tighten (x4) band clamps from steps 11, 12, 13, and 14.
16. Re-check your work.
17. Connect the battery, start the engine, and check for leaks.
18. Remove the jack stands and lower the vehicle.
19. After 150 miles, re-check and tighten all bolts and clamps.

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