



**2015 Ford Mustang GT V8-5.0L Axle-Back Exhaust System w/out Mufflers
70403303-RHKR**

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
556R23	2	Band Clamp, 3.0" x 1.25" Wide, SS Torca

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

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.

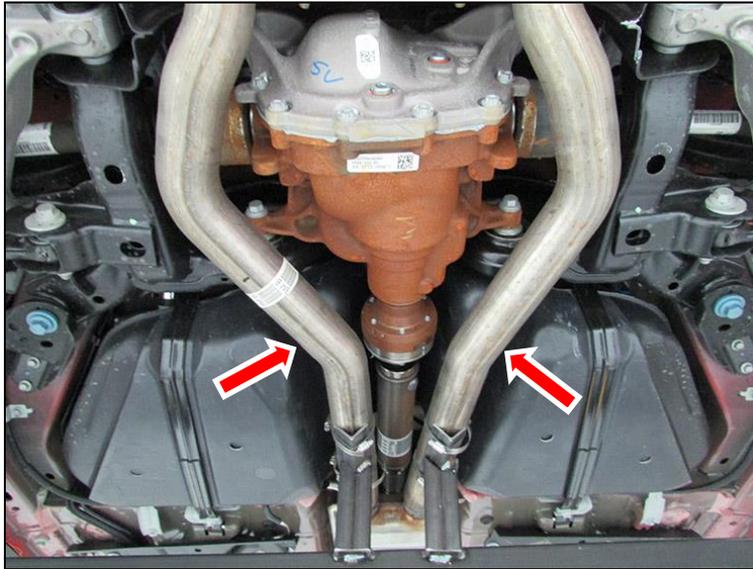


Figure 1

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).

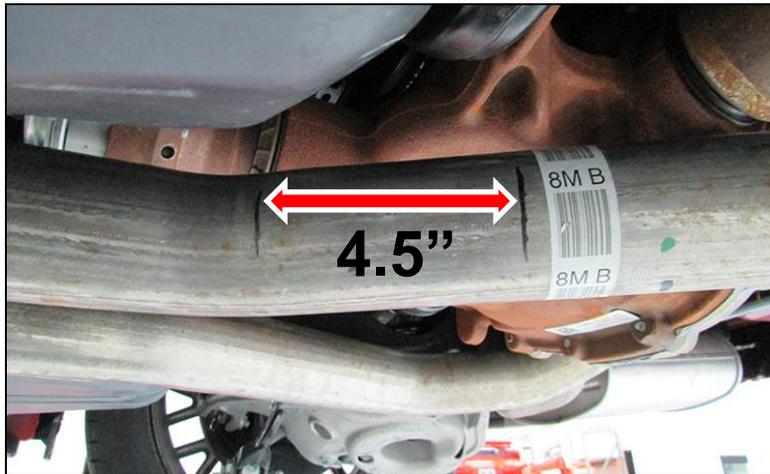


Figure 2

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).

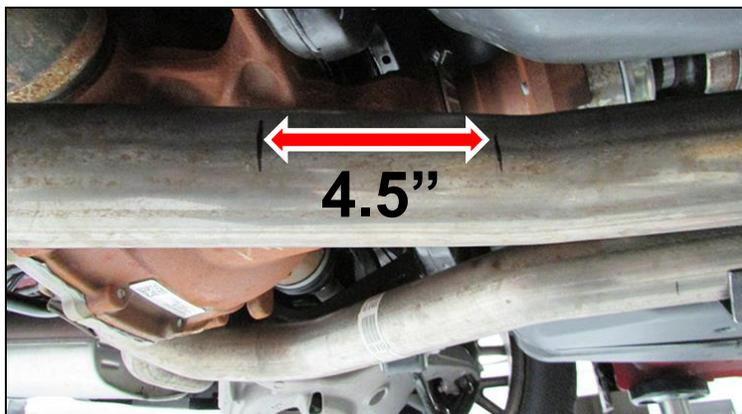


Figure 3

6. After steps 4 & 5, we suggest using masking tape to wrap around the OE mid pipe to ensure a straight cut. Draw arrows to ensure you cut at the correct side of the masking tape.

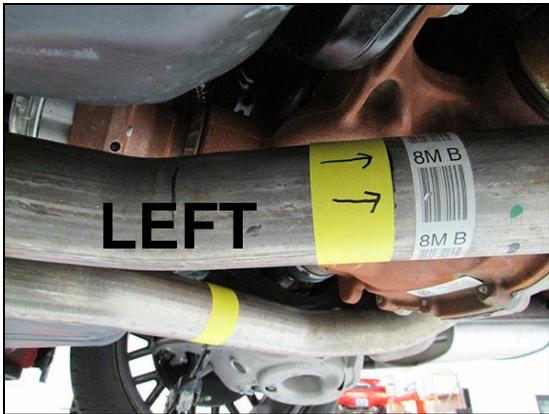


Figure 4

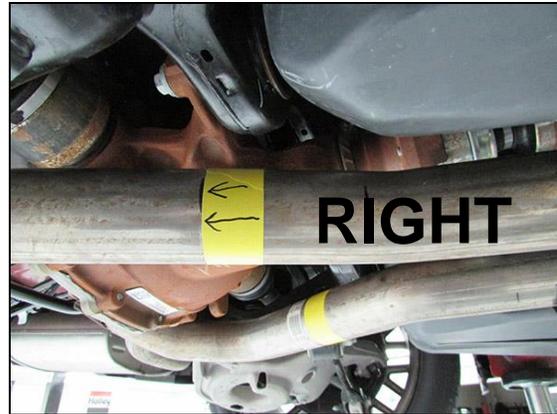


Figure 5

7. Before you continue, **DOUBLE CHECK AND MEASURE TWICE BEFORE CUTTING.**
8. Before cutting, secure the OE mid pipe before the cut area to prevent the mid pipe from dropping down after it is cut.
9. Cut the left and right side OE mid pipes as straight as possible. When complete, deburr the inside and outside of the cut tube. **BE CAREFUL AS THE CUT ENDS WILL BE VERY SHARP.**

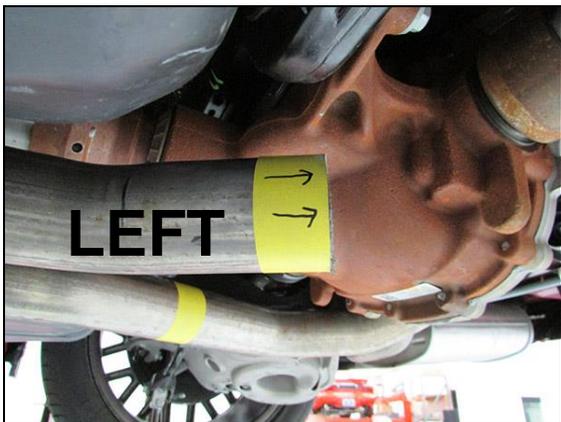


Figure 6

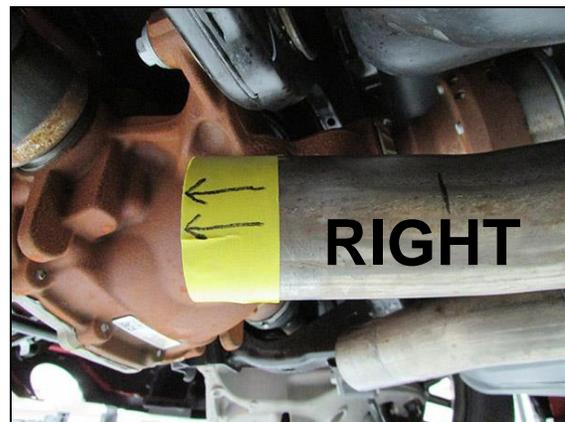


Figure 7

10. Remove (x2) 13 mm head bolts securing the left and right side front OE muffler isolation mount brackets to the chassis. Set these parts aside as they will be reused.

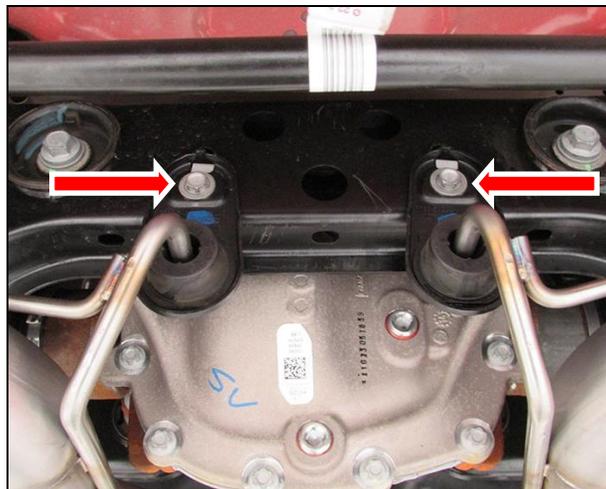


Figure 8

11. Remove (x2) 13 mm head bolts securing the left side rear OE muffler isolation mount brackets to the chassis.

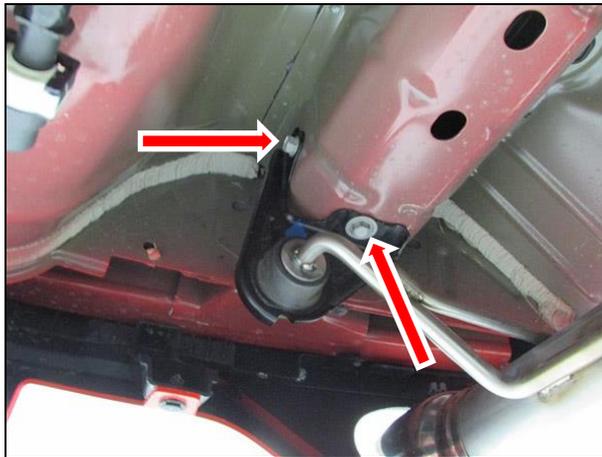


Figure 9

12. Remove (x2) 13mm head bolts securing the right side rear OE muffler isolation mount bracket to the chassis and remove right side OE muffler section.

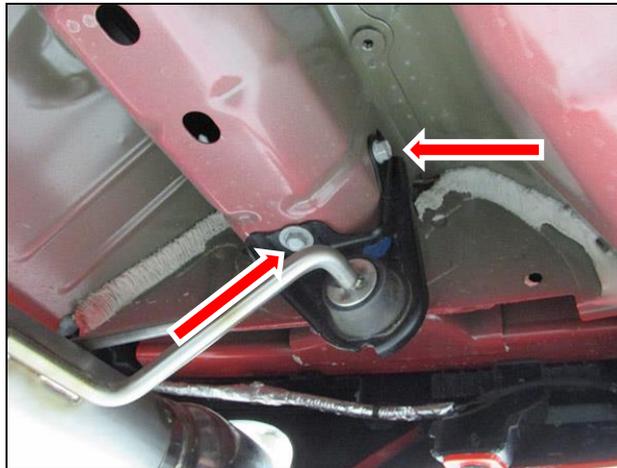


Figure 10

13. On a workbench, remove the (x4) isolation mount brackets of 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 a time to ensure they go to the appropriate locations.
14. Using (x1) 2.5" supplied band clamp and the original bolt removed from step 10, install the left side Blackheart inlet mid pipe section and tighten the 13mm head bolt (The inlet pipe should slide about 2.5" over the OE left side mid pipe). Do not tighten the band clamp.
15. Using (x1) 3.0" supplied band clamp and the (x2) original bolts removed from step 11, install the left side Blackheart tail pipe section and tighten the (x2) 13mm head bolts. Do not tighten the band clamp.
16. Using (x1) 2.5" supplied band clamp and the original bolt removed from step 10, install the right side Blackheart inlet mid pipe section and tighten the 13mm head bolt (The inlet pipe should slide about 2.5" over the OE right side mid pipe). Do not tighten the band clamp.
17. Using (x1) 3.0" supplied band clamp and the (x2) original bolts removed from step 12, install the right side Blackheart tail pipe section and tighten the (x2) 13mm head bolts. Do not tighten the band clamp.
18. Now, align the Blackheart exhaust system, including the left and right side tips to your desired position. Tighten (x4) band clamps from steps 14, 15, 16, and 17.
19. Re-check your work.
20. Connect the battery, start the engine, and check for leaks.

21. Remove jack stands and lower vehicle.

22. 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.

Any questions? Please contact Technical Service: 1-866-464-6553 or 270-781-9741. For online help, please refer to: www.holley.com.

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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.

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Date: 3-3-15