



**2013-14 Ford Mustang GT V8-5.0L Quad Tip Axle-Back Exhaust System w/ Mufflers
(GT500 Style)
70403305-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
556R30	2	Swivel Seal 70mm 304SS Clamps

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

INSTALLATION:

NOTE: THIS KIT REQUIRES THE PURCHASE OF A 2013-14 FORD MUSTANG V8 GT500 REAR LOWER VALANCE AND A PACKAGE OF FORD BLACK PLASTIC PIN CLIPS (FORD P/N W709984-S300).

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. Inside the trunk, remove (x2) plastic screws and (x2) plastic fasteners securing the rear plastic panel to the body. Lift up to remove the rear plastic panel and disconnect the trunk light from the wire harness. Disconnect the wire harness for the rear lights.



Figure 1

4. Remove the (x6) screws from the left and right side rear splash guards. Unclip the splash guards and remove.



Figure 2



Figure 3

5. Remove the (x4) plastic pin clips that run along the left and right side mufflers.



Figure 4

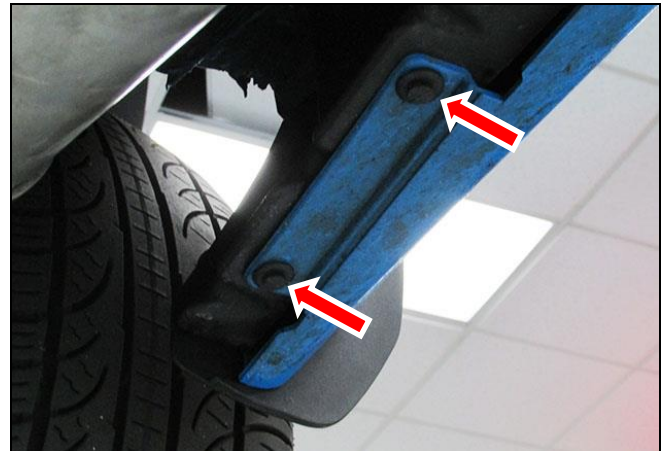


Figure 5

6. Remove the (x2) bolts and (x2) plastic fasteners securing the left and right side trunk panels.

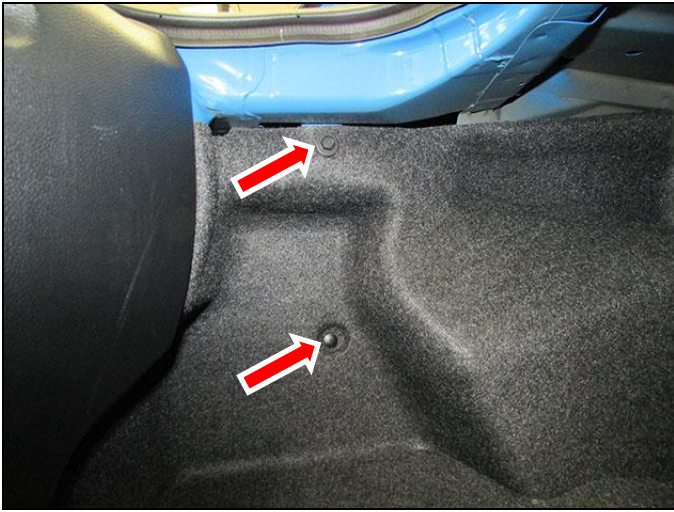


Figure 6

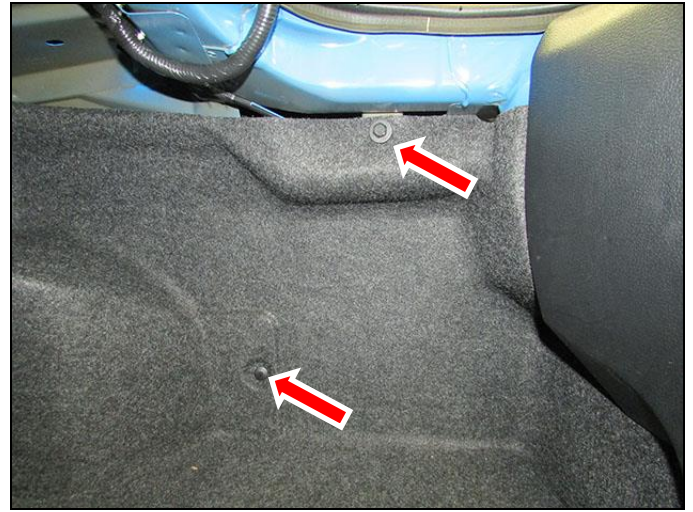


Figure 7

7. Remove the (x6) nuts under the left and right side trunk panels securing the rear tail lights to the chassis. Unplug the wire harness.
8. From under the vehicle, remove the (x2) plastic pin clips.

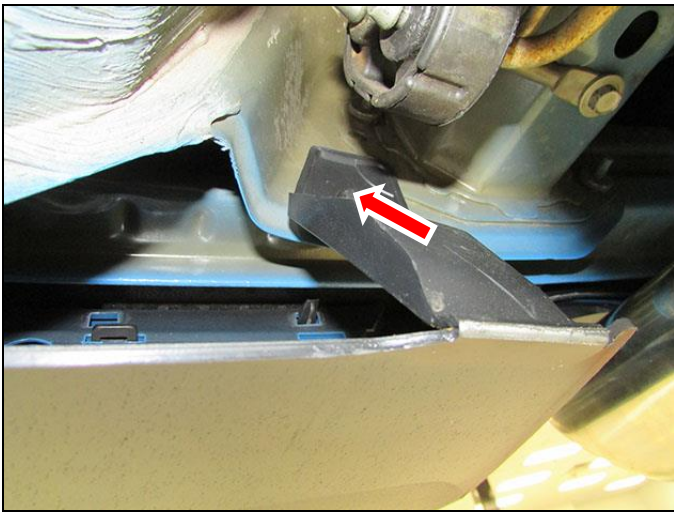


Figure 8

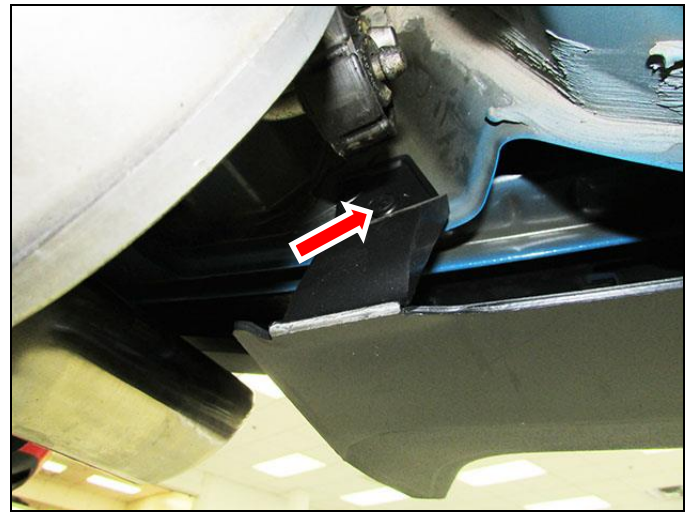


Figure 9

9. Remove the (x2) white plastic clips. These will not be re-used.

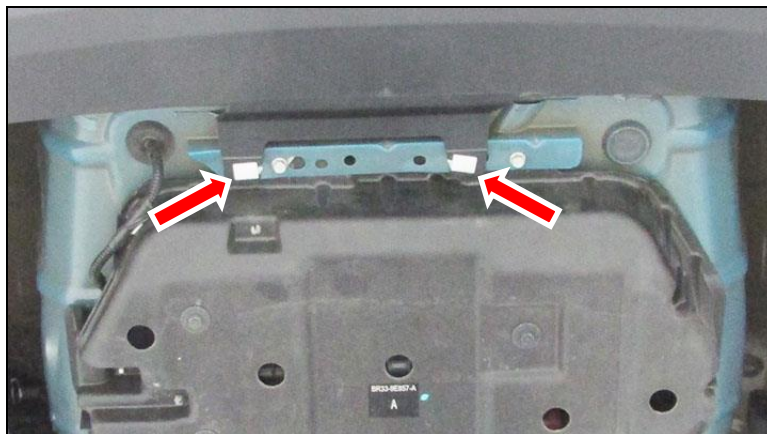


Figure 10

10. Remove the rear bumper by pulling straight out, starting with the wheel wells and working your way to the back evenly. Before completely removing off the vehicle, pull the wire harness with the rubber grommet through the body, leaving it connected to the bumper.

11. Loosen the left and right side OE ball and socket connection clamps securing the OE mufflers to the mid pipe.
12. Remove the (x3) 13mm head bolts securing the left side muffler isolation mount bracket to the chassis. Set these parts aside, as they will be re-used.
13. Slide the left OE muffler off the rear most isolation mount and remove the OE muffler.
14. Remove the (x2) 13mm head bolts securing the right side muffler isolation mount bracket to the chassis. Set these parts aside as they will be re-used.
15. Slide the right OE muffler off the rear most isolation mount and remove the OE muffler.
16. Slide the left and right side isolation mount brackets off the OE mufflers and transfer onto the left and right side Blackheart Axle Back Mufflers.
17. Remove the (x2) red reflectors and the black trim insert. The black trim insert will not be re-used.
18. Along the inside of the rear bumper, Ford has a reference line on where to cut the bumper. Using a body saw, cut along Ford's reference line (**Figure 11**).
19. Ford also has (x9) reference lines to cut out the slits for the new rear valance to clip into. Cut the (x9) slits using the reference line (**Figure 12**).

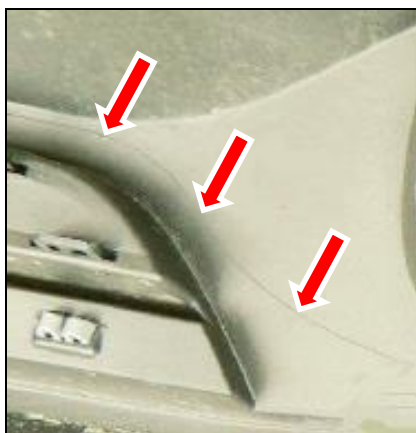


Figure 11

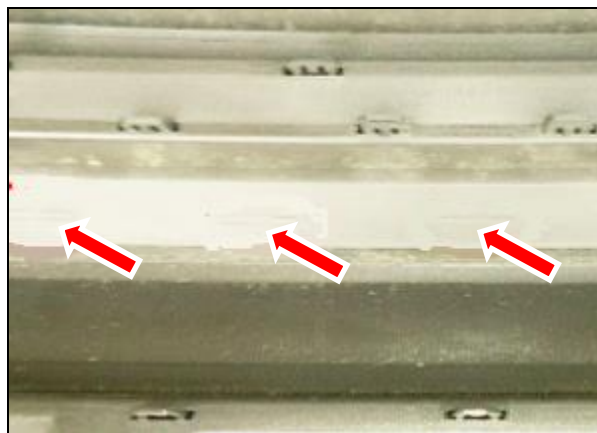


Figure 12

20. Snap the new lower rear valance onto the rear bumper cover. Ensure good engagements into the slots and adjust accordingly. Snap in the red reflectors removed from step 17.
21. Install the rear bumper onto the vehicle by re-installing the wire harness and rubber grommet from step 10. Snap the rear bumper back on working from the middle to the fender wells.
22. Install the (x2) plastic pin clips from step 8, the (x2) supplied white plastic clips, the (x4) plastic pin clips from step 5, and the (x6) screws from step 4 including the plastic splash guards.
23. Install the rear taillights using the original hardware removed from step 7 and plug the wire harness.
24. Install the left and right side trunk panels using the original hardware removed from step 6.
25. Install the rear plastic panel using the original hardware removed from step 3.
26. Using (x2) new Ford black plastic pin clips, secure the left and right side corner lower valance to the bumper cover. These are not supplied with the Blackheart kit or Ford lower valance kit.

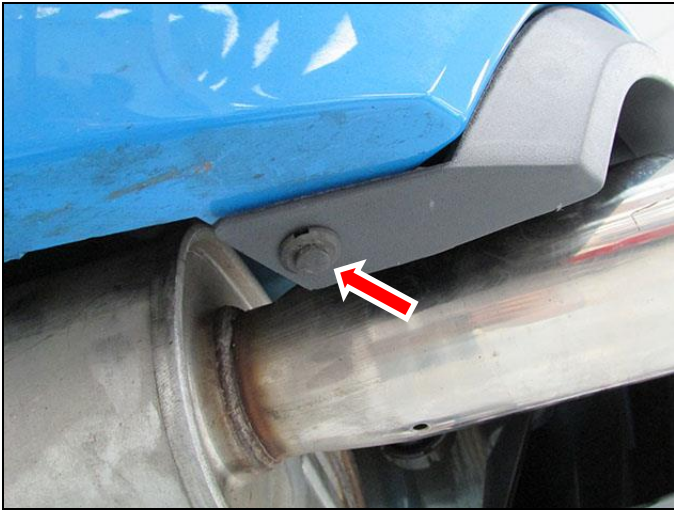


Figure 13

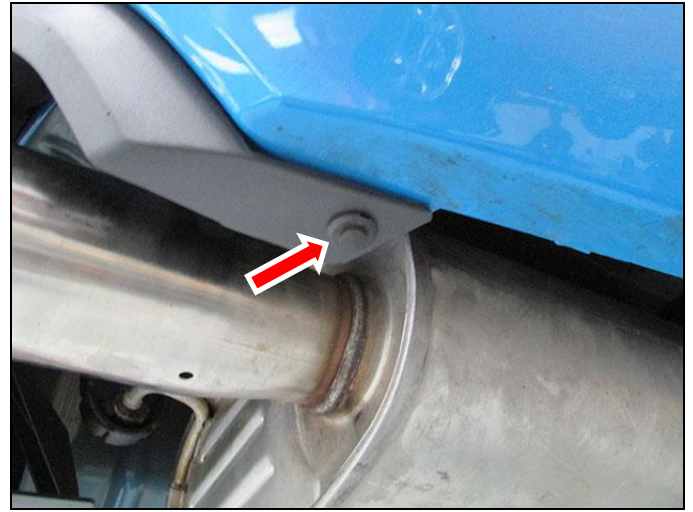


Figure 14

27. Using the original (x3) 13mm head bolts, rear isolation mount, and (x1) supplied ball and socket exhaust clamp, secure the left side Blackheart Axle-Back Muffler back on the vehicle, but do not tighten the exhaust clamp.
28. Using the original (x2) 13mm head bolts, rear isolation mount, and (x1) supplied ball and socket exhaust clamp, secure the right side Blackheart Axle-Back Muffler back on the vehicle, but do not tighten the exhaust clamp.
29. Align the left and right side quad tips to your desired position and tighten both the left and right side ball and socket exhaust clamps.
30. Connect the battery, start the engine, and check for leaks.
31. Recheck all your work.
32. Remove the jack stands and lower the vehicle.
33. After 150 miles, recheck and tighten all bolts and clamps.



Figure 15

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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