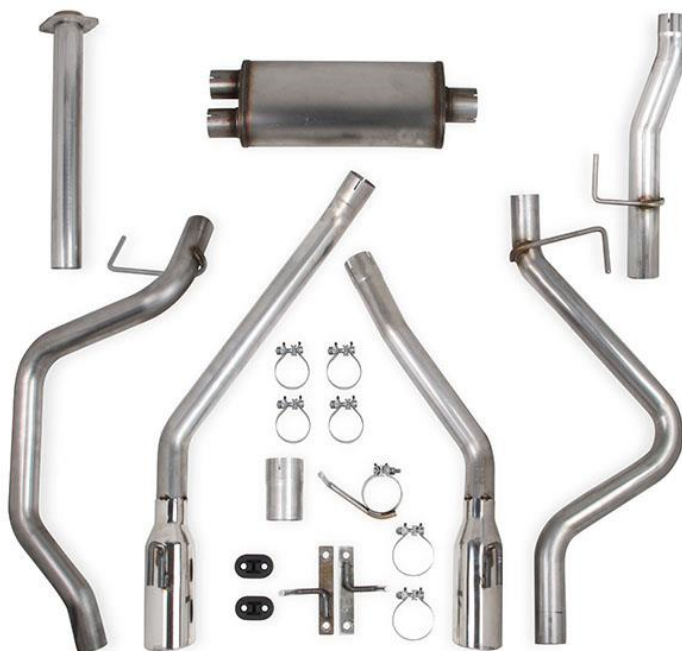




**2015-2020 Ford F150 Ecoboost V6, 2.7/3.5L
BlackHeart Cat-Back Dual Exit Exhaust System, 409SS
70503433-RHKR
Installation Instructions**

***FITS SUPER CAB w/ 6.5 FT. BED & SUPER CREW w/ 5.5 FT. BED
(ALL 145 WB)**

THIS KIT IS DESIGNED TO FIT WITH THE OE HIDDEN HITCH. IT MAY NOT FIT AFTERMARKET HITCHES!!!!



Thank you for making HOOKER HEADERS 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 HEADER 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:

P/N	Qty.	Description
539R25	2	M10 x 1.50 Nuts
556R22	4	Band Clamp, 2.5" x 1.25" Wide, 4.0 SS Torca
556R23	2	Band Clamp, 3.0" x 1.25" Wide, 4.0 SS Torca
516R77	2	1/2" 2-Hole Rubber Isolator
516R180DW	2	Assembly, Bracket Hanger
B171024ERL	1	1.5" Cushion Clamp
599R94	2	Decal - Blackheart 4" x 2"

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. If necessary, lift the vehicle and secure on jack stands.
3. Remove the (x2) bolts securing the OE exhaust system to the OE Y-pipe.
4. Remove the OE exhaust off all rubber isolators and remove OE exhaust.
5. Using the (x2) original bolts removed from step 3 and (x2) supplied nuts, install the BlackHeart mid-pipe, but do not tighten.
6. Using (x1) supplied 3" band clamp, install the BlackHeart inlet pipe over the mid-pipe and onto the rubber isolator. Do not tighten the band clamp.
7. Using the supplied hanger bracket assembly, slide the hanger rod into the rubber isolation bracket and then the BlackHeart adapter pipe. Do not tighten the band clamp on the hanger bracket assembly.



Figure 1

8. Using (x1) supplied 3" band clamp, install the BlackHeart muffler section over the adapter pipe. Do not tighten the band clamp.
9. Remove the (x4) bolts securing the bumper to the chassis and install the (x2) hanger brackets using the original bolts and tighten. Refer to **Figure 2**, as the other bracket will go to the opposite side above the right side tip. Slide (x2) supplied rubber isolation mounts to the left and right side hanger bracket.

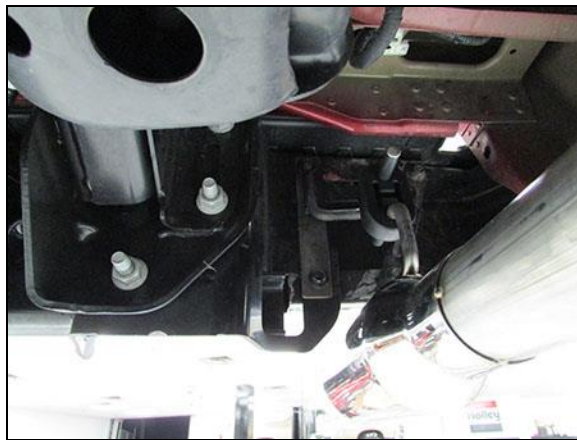


Figure 2

10. Using (x2) supplied 2.5" band clamps, install the left and right side BlackHeart over-axle pipes to the muffler assembly. Do not tighten the band clamps. Secure the BlackHeart over-axle pipes onto the rubber isolation mounts to the chassis.
11. Using (x2) supplied 2.5" band clamps, install the left and right side BlackHeart tailpipes over the over-axle pipes. Do not tighten the band clamps. Secure the left and right side to the supplied rubber isolators.

12. Remove the upper plastic bracket securing the rear brake lines and install the supplied cushion clamp. Secure the brake lines in order to create clearance from the BlackHeart exhaust pipe (**Figure 3**).



Figure 3

13. Align the BlackHeart exhaust system and tighten all nuts/bolts and clamps.
14. Connect the battery, start the engine, and check for leaks.
15. Re-check your work.
16. Remove the jack stands and lower the vehicle.
17. After 150 miles, re-check and tighten all bolts.

NOTE: It is normal for the BlackHeart 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.

HOOKER™ 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. HOOKER™ Headers 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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