



**2009-10 Ford F150 V8, 4.6/5.4L
BlackHeart Dual Cat-Back Exhaust System, 409SS
70503431-RHKR
Installation Instructions**

***2009-10 REG. CAB w/ 8 FT. BED, SUPER CAB w/ 6.5 FT. BED, & SUPER CREW w/ 5.5 FT. BED
(ALL 144.5 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	P/N	Qty.	Description
539R25	2	M10 x 1.50 Nuts	516R77	1	1/2" 2-Hole Rubber Isolator
539R32	2	M12 x 1.75 Flange Nuts	516R179DW	1	Assembly, Bracket Hanger
556R22	4	Band Clamp, 2.5" x 1.25" Wide, 4.0 SS Torca	B171024ERL	1	1.5" Cushion Clamp
556R23	2	Band Clamp, 3.0" x 1.25" Wide, 4.0 SS Torca	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. On a workbench, transfer the rubber isolation mounts off the OE exhaust and onto the BlackHeart cat-back exhaust system. We recommend transferring the isolation mounts one at a time to ensure they go back to their original positions.
6. Using the (x2) original bolts removed from step 3 and (x2) M10 supplied nuts, install the BlackHeart mid-pipe, but do not tighten.
7. Using (x1) supplied 3.0" band clamp, install the BlackHeart inlet pipe over the mid-pipe and secure the rubber isolator to the chassis. Do not tighten the band clamp.
8. Using (x1) supplied 3.0" band clamp, install the BlackHeart muffler section over the inlet pipe. Do not tighten the band clamp.
9. Using (x2) supplied M12 nuts, install the supplied hanger bracket (**Figure 1**) and tighten. Slide the supplied rubber isolation mount on the supplied hanger bracket.
10. Using (x2) supplied 2.5" band clamps, install the left and right side BlackHeart over-axle pipes to the muffler assembly but 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 side to the supplied rubber isolator.
12. Using the supplied cushion clamp, secure the brake lines in order to create clearance from the BlackHeart exhaust pipe (**Figure 2**).



Figure 1



Figure 2

13. Align the BlackHeart Exhaust System and tighten all clamps from steps 6, 7, 10, and 11. Tighten the bolts/nuts from step 6.
14. Connect the battery, start the engine, and check for leaks.
15. Re-check your work. Remove the jack stands and lower the vehicle. 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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