



**2017 Ford F-150 Raptor V6, 3.5L (tt)
BlackHeart Mid-Pipe & Muffler Replacement Assembly, 304SS
BH3356
Installation Instructions**

***2017-18 FITS SUPER CREW (145" WB)**



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
556R23	6	Band Clamp, 3.0" x 1.25" Wide, 4.0 SS Torca
505R92	2	M10 - 1.5 x 90, Grade 10.9 Bolt
539R25	2	M10 - 1.5 Serrated Hex Nut
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. Loosen the (x2) band clamps securing the left and right side OE tailpipes to the muffler mid pipe.
4. Remove (x4) 10mm head nuts and (x4) 10mm head bolts securing the left and right side isolation mount OE tailpipe brackets to the chassis. Remove OE tailpipes.
5. Loosen the clamps securing the OE muffler mid pipe to the resonator pipe.

6. Remove (x1) 10mm bolt securing the OE muffler mid pipe isolation mount bracket to the chassis. Remove the OE muffler mid pipe by sliding off the rubber isolation mount.
7. Loosen the coupler clamp and remove (x2) 13mm nuts securing the OE resonator pipe to the OE Y-pipe. Remove resonator pipe.
8. On a workbench, transfer the rubber isolation mount off the OE muffler and onto the BlackHeart Over-Axle Pipe.
9. Using the original coupler clamp, install the BlackHeart right side front pipe, but do not tighten.
10. Using (x2) supplied nuts and bolts, install the BlackHeart left side front pipe, but do not tighten.
11. Using (x2) supplied band clamps, install the BlackHeart Muffler section onto the front pipes approximately 2.0" of engagement and slide the muffler hanger bracket onto the rubber isolation mount. Do not tighten the band clamps.
12. Using (x1) supplied band clamp, install the BlackHeart left side over-axle pipe onto the muffler section, but do not tighten the band clamp. Using the original hardware from step 6, secure the isolation mount bracket back onto the chassis and tighten.
13. Using (x1) supplied band clamp, install the BlackHeart right side over-axle pipe onto the muffler section, but do not tighten the band clamp.
14. Using (x2) supplied band clamps, install the original tail sections removed from step 4 and the original isolation mount bracket hardware and tighten. Do not tighten the band clamps.
15. Align the complete exhaust system and tighten all band clamps, nuts, and bolts.
16. Connect the battery, start the engine, and check for leaks.
17. Re-check your work.
18. Remove the jack stands and lower the vehicle.
19. After 150 miles, re-check and tighten all nuts and bolts.

NOTE: It is normal for the Blackheart 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.

Technical Support: 1-866-464-6553

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