



**2011-14 Ford Mustang V6, 3.7L
Blackheart 1 5/8" Long Tube Headers
70103306-RHKR
Installation Instructions**



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 /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
271R1128	2	Ford V6 Front O2 Sensor Extensions - 18" Long
217R2	4	Cable Ties
505R21	12	8 x 1.25 x 25 Flange Bolts
599R94	2	Decals - 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. Lift the vehicle and secure on jack stands.
3. Remove the OE exhaust system. Refer to the Blackheart Race Exhaust System (not included) **P/N's 70503320-RHKR or 70503321-RHKR** installation instruction sheet.
4. Remove the center cross brace by removing (x4) 15mm head nuts (**Figure 1**).

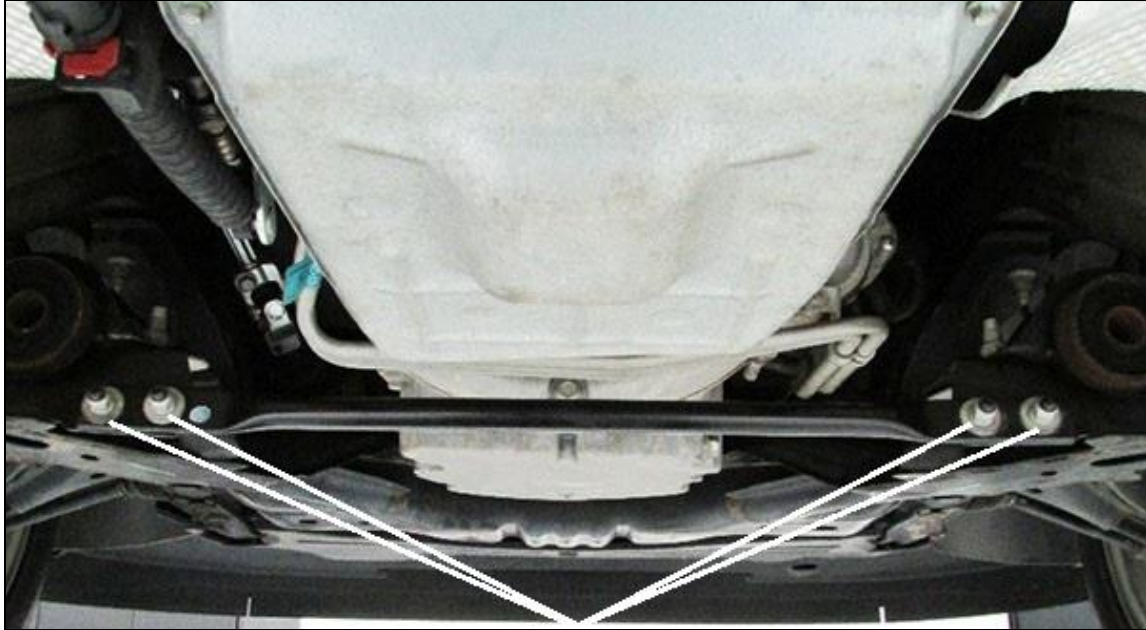


Figure 1

5. Remove (x4) pre and post O2 sensors off the left and right side catalytic converter pipes.
6. Remove (x4) 8mm head bolts securing the left and right heat shields to the exhaust manifolds.
7. Remove the catalytic converter pipes by removing (x4) 15mm head nuts secured to the left and right exhaust manifolds.
8. Remove the left side exhaust manifold by removing (x6) 13mm head nuts secured to the motor.
9. Remove the right side exhaust manifold by removing (x6) 13mm head nuts secured to the motor.
10. Remove the (x12) exhaust manifold studs off the motor. These will not be re-used.
11. Un-plug the (x2) post O2 sensors. These will not be re-used.
12. Install the O2 extension wires onto the left and right side pre O2 sensors.
13. Using the original gasket (replace if necessary) and (x6) supplied 8mm bolts, secure the left side Blackheart long tube header onto the motor and tighten starting with the middle and working your way out.
14. Using the original gasket (replace if necessary) and (x6) supplied 8mm bolts, secure the right side Blackheart long tube header onto the motor and tighten starting with the middle and working your way out.
15. Install the left and right side pre O2 sensors onto the Blackheart long tube headers and tighten. Using (x4) supplied cable ties, secure the O2 wire harness and ensure the harness is away from any hot and/or moving parts.
16. Install the center cross brace using the original (x4) nuts removed from step 4 and tighten.
17. Install the Blackheart Race Exhaust System (not included). Refer to the Blackheart Race Exhaust System **P/N's 70503320-RHKR or 70503321-RHKR** installation instruction sheet.

18. Connect the battery, start the engine, and check for leaks.

19. Re-check your work.

20. Remove the jack stands and lower the vehicle.

21. After 150 miles, re-check and tighten all bolts and clamps.

NOTE: It is normal for the Blackheart Exhaust System to emit smoke for the first few minutes during break-in period.

NOTE: Blackheart Long Tube Headers are for off-highway RACE USE ONLY.

NOTE: Blackheart Long Tube Headers will emit a check engine light. We recommend using a tuner to turn off the CEL and de-activate the post O2 sensors for optimum performance. We recommend a DiabloSport Tuner.

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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