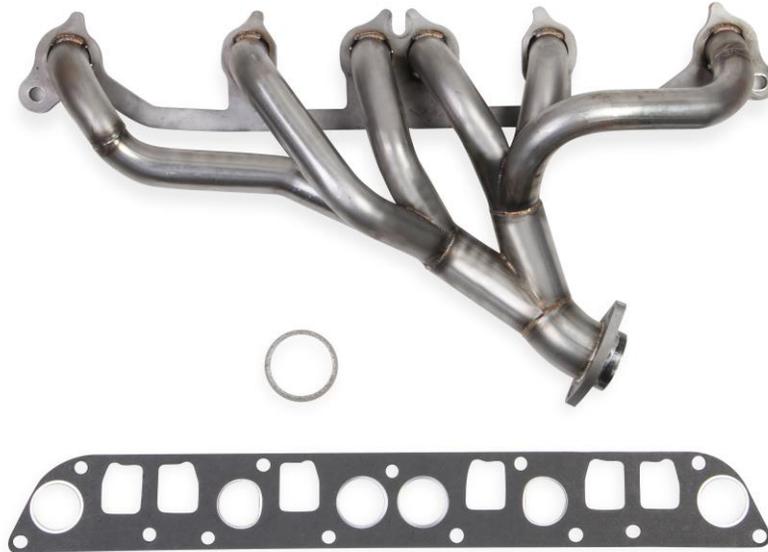




**1991-99 Jeep Wrangler YJ/TJ I6, 4.0L
BlackHeart 1 1/2" Shorty Headers, 409SS
70305403-RHKR
Installation Instructions**



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 /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:

Qty.	Description
1	Jeep I6, 4.0L Gasket
1	Jeep I6, 4.0L Donut Gasket
2	8 x 1.25 x 55mm Bolt
2	8 x 1.25 Nut
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. Disconnect all lines/wire harness off the intake manifold.

4. Remove serpentine belt (refer to your owner's manual).
5. Remove (x3) bolts securing the power steering pump to the intake manifold, but **DO NOT** disconnect the lines.
6. Remove (x2) nuts securing the catalytic converter down pipe off the OE exhaust manifold.
7. Remove intake manifold, exhaust manifold, and gasket by removing (x9) bolts/washers and (x2) nuts/washers securing the OE exhaust manifold and intake manifold to the engine.

NOTE: The intake manifold and exhaust manifold share the same bolts/nuts/washers.

8. On a workbench, remove the (x2) oxygen sensors and (x4) clip-on nuts from the stock exhaust manifold and install onto the BlackHeart header.
9. Using the (x9) bolts/washers, (x2) nuts/washer,s and supplied gaskets, install the BlackHeart header and intake manifold. Tighten starting with the middle and working your way out.
10. Install all lines/wire harness back onto the intake manifold. Ensure that everything clears the BlackHeart Header.
11. Install the catalytic converter down pipe using the (x2) supplied bolts/nuts.
12. Secure the power steering pump removed from step 5 using the original hardware and tighten.
13. Install the serpentine belt.
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 Headers 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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