



**2007-11 Jeep Wrangler JK V6, 3.8L  
BlackHeart 1 1/2" Shorty Headers, 409SS  
70305401-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:**

P/N	Qty.	Description
271R1160	6	Spark Plug Wire Boot Protectors
108R481	2	Gasket, Jeep V6, 3.8L
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 spark plug wires off the spark plugs.
4. Remove (x4) bolts securing the catalytic converters to the OE exhaust manifolds.
5. Remove the left and right side OE exhaust manifold heat shields.
6. Remove (x12) bolts securing the OE exhaust manifolds to the engine and remove by lifting up from under the hood. Set these bolts and gaskets aside as they will be re-used.

7. Using the supplied gaskets, install the left and right side BlackHeart headers using the original (x12) bolts and tighten starting with the middle bolt and working your way out.
8. Using the original (x4) bolts removed from step 4 and the original clip-on nuts, secure the left and right side catalytic converter pipes to the BlackHeart shorty headers and tighten evenly. **NOTE:** Ensure that the donut gasket is engaged for maximum seal before tightening.

**NOTE:** We recommend using high temperature Loctite to prevent these bolts from coming loose.

9. Install the (x6) supplied spark plug wire boot protectors over each spark plug wire and install the spark plug wires back onto the spark plugs.
10. Connect the battery, start the engine, and check for leaks.
11. Re-check your work.
12. Remove the jack stands and lower the vehicle.
13. 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.

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