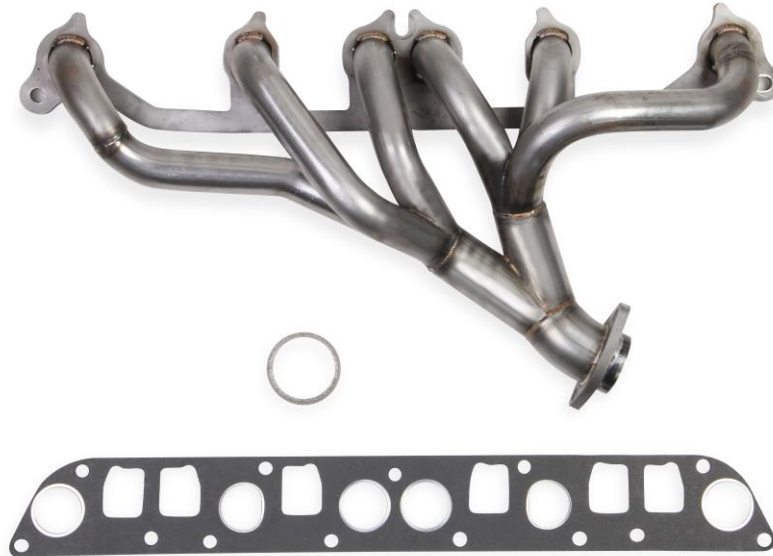




**1991-99 Jeep Wrangler YJ/TJ I6, 4.0L
BlackHeart 1 1/2" Shorty Headers, 409SS
70305403-RHKR
Installation Instructions**



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"

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.