



**1991-01 Jeep Cherokee XJ L6, 4.0L
BlackHeart High-Clearance Cat-Back Exhaust System
70505405-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
556R22	3	Band Clamp, 2.5" x 1.25" Wide, SS Torca
556R25	1	Band Clamp, 2.25" x 1.25" Wide, SS Torca
573R142	1	Flange, Jeep TJ 2-Bolt
505R53	2	Bolt, M10 X 50, GR 8.8
505R31	2	Nut, M10 X 1.5, Flanged, Nylon Locking
599R94	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. Remove the right side rear shock. Secure the axle before removing if the vehicle is off ground.

4. From under the vehicle, loosen the band clamp securing the OE exhaust to the catalytic converter.
5. **MODELS w/o FLANGE CONNECTION:** Loosen the exhaust clamp securing the OE mid pipe to the catalytic converter. Remove the OE exhaust by sliding it off the (x2) rubber isolation mounts and slide the OE exhaust off the catalytic converter.
6. **MODELS w/ FLANGE CONNECTION:** Remove (x2) nuts securing the OE mid pipe to the catalytic converter. Remove the OE exhaust by sliding it off the (x2) rubber isolation mounts.
7. Remove the rearmost isolation mount and re-install with the hanger mount facing the front of the vehicle (**Figure 1**).



Figure 1

8. **MODELS w/o FLANGE CONNECTION:** Using the supplied BlackHeart Adapter Pipe (Slip-On) and (x1) 2.25" band clamp, slide the adapter pipe over the catalytic converter until it bottoms out on the exhaust locator rivet. Do not tighten the band clamp.
9. **MODELS w/ FLANGE CONNECTION:** Using the supplied BlackHeart Adapter Pipe (Flared end), (x1) 2-bolt flange and (x2) bolts/nuts, secure the adapter pipe to the catalytic converter. Do not tighten the bolts/nuts.
10. Using (x1) 2.5" band clamp, slide the BlackHeart Muffler Mid Pipe over the adapter pipe and secure to the rubber isolation mount. Do not tighten the band clamp.
11. Using (x1) 2.5" band clamp, slide the BlackHeart high-clearance tip section over the muffler mid pipe and secure to the rubber isolation mount. Do not tighten the band clamp.
12. Using (x1) 2.5" band clamp, secure the BlackHeart high-clearance tip to the rear-most hanger mount and tighten.
13. Align the Blackheart Cat-Back Exhaust System and tighten the (x2) bolts/nuts from step 9 and then the (x4) band clamps from steps 8, 10, and 11.
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 and clamps.

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