



**2002-08 Dodge Ram 1500 V8, 5.7L 2 & 4WD
BlackHeart Shorty Headers, 409SS
70302407-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 |
|--------|------|----------------------------|
| 505R21 | 16 | 8mm x 1.25mm x 25mm Bolt |
| 539R25 | 4 | 10mm x 1.5mm Nuts |
| 505R60 | 4 | 10mm x 1.5mm x 55mm Bolt |
| 599R94 | 2 | Decal - Blackheart 4" x 2" |

INSTALLATION:

1. Disconnect the negative cable from the vehicle battery.
2. Lift the vehicle and secure on jack stands.
3. Loosen band clamp at front of muffler.
4. Remove muffler assembly from all hangers and remove from truck.

5. Loosen clamp that attaches extension pipe to OE Y-pipe.
6. Remove extension pipe from hangers, and remove from truck.
7. Un-plug (x4) O2 sensors that are located in OE Y-pipe.
8. Remove (x4) nuts & bolts securing the OE Y-pipe to the OE exhaust manifolds and remove OE Y-pipe.
9. Remove the left and right side OE exhaust manifold heat shields.
10. Remove left and right exhaust manifold bolts, then manifolds (these bolts will not be re-used).
11. Using the original gasket (replace is necessary), install the left side BlackHeart header using the supplied (x7) 25mm long bolts. Tighten by starting with the middle bolt and working your way out.
12. Using the original gasket (replace if necessary), install the right side BlackHeart header using the supplied (x9) 25mm long bolts. Tighten by starting with the middle bolt and working your way out.
13. Reinstall OE Y-pipe using the supplied (x4) 55mm bolts and (x4) nuts, secure the OE Y-pipe to the BlackHeart shorty headers and finger tighten at this time.
14. Reinstall front extension pipe to OE Y-pipe and onto hangers. Tighten clamp at this time.
15. Tighten the (x4) bolts and (x4) nuts attaching OE Y-pipe to BlackHeart headers evenly.
16. Reconnect (x4) O2 sensors located in OE Y-pipe.
17. Reinstall remaining exhaust system, and tighten clamps.
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.

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.

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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.

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