



**2009-17 Dodge Ram 1500 V8, 5.7L 2 & 4WD  
BlackHeart Shorty Headers, 409SS  
70302405-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
N/A	1	8mm x 1.25mm x 50mm Bolt
505R25	4	10mm x 1.5mm Nuts
505R60	4	10mm x 1.5mm x 55mm Bolt
N/A	1	Dipstick Spacer
599R94	2	Decal - Blackheart 4" x 2"

Check the hardware package.

**INSTALLATION:**

1. Disconnect the negative cable from the vehicle battery.
2. Lift the vehicle and secure on jack stands.
3. Remove both front wheels and tires, along with both front inner fender liners.

4. Remove (x4) nuts & bolts securing the OE Y-pipe to the OE exhaust manifolds.
5. Remove the left and right side OE exhaust manifold heat shields.
6. Remove left and right exhaust manifold bolts, then manifolds (these bolts will not be re-used). **NOTE:** It may be necessary to remove oil dipstick tube and disconnect steering shaft to gain enough room to remove left side manifold. If steering shaft is disconnected, **DO NOT TURN THE STEERING WHEEL OR DAMAGE MAY OCCUR.**
7. Using the original gasket (replace, if necessary), install the left side BlackHeart header using the supplied (x7) 25mm long bolts, and (x1) 50mm long bolt and spacer for dipstick tube and tighten starting with the middle bolt and working your way out. If steering shaft was disconnected, reconnect and tighten bolt at this time.
8. Using the original gasket (replace if necessary), install the right side BlackHeart header using the supplied (x9) 25mm long bolts and tighten starting with the middle bolt and working your way out.
9. Using the supplied (x4) 55mm bolts and (x4) nuts, secure the OE Y-pipe to the BlackHeart shorty headers and tighten evenly.
10. Connect the battery, start the engine, and check for leaks.
11. Re-check your work.
12. Reinstall both front inner fender liners, then both front wheels and tires, tighten lug nuts to manufacturer's specifications.
13. Remove the jack stands and lower the vehicle.
14. 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.**