



1998-99 Camaro/Firebird 5.7L V8
BlackHeart 1 3/4" Shorty Header, 304SS
70301307-RHKR
Installation Instructions
C.A.R.B. EO# D-115-20



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.

HOOKER BLACKHEART SHORTY HEADERS RECOMMENDS THESE HEADERS WITH THE USE OF 45 DEGREE SPARK PLUG WIRE SET P/N 561-100, 561-101 OR 561-102. PLUG WIRE SETS ARE NOT INCLUDED.

INCLUDED HARDWARE:

| P/N | Qty. | Description |
|--------|------|---|
| 505R21 | 12 | Bolt, Flanged Head M8x1.25x25 Zinc Plated |
| 508R29 | 2 | GM OEM LS1, A.I.R. Gasket |
| 508R30 | 1 | GM OEM LS1, E.G.R. Gasket |
| 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. Apply penetrating oil to all existing exhaust manifold/header fasteners and let sit for 15 minutes.
4. Remove the oxygen sensors from the exhaust manifolds.
5. Remove the spark plug wires, spark plugs and engine oil dipstick tube.
6. Remove all the fasteners attaching the exhaust manifolds and catalytic converters to the engine. This step will require the disconnection of the air injection and EGR tubes. Remove the unattached components from the vehicle including the left and right side gaskets.
7. Using the original left and right gaskets removed from step 6 (replace if necessary), install the left and right side BlackHeart headers using (x12) supplied M8 x 1.25 x 25 bolts and tighten starting with the middle bolt and working your way out.
8. Connect the air injection and EGR tubes using the supplied gaskets to the BlackHeart shorty headers and tighten.
9. Install the spark plugs, recommended spark plug wires, and engine oil dipstick tube removed from step 5. You may have to bend the engine oil dipstick tube until it clears the header tube (approximately 1/8" clearance).
10. Install the left and right side catalytic converters, oxygen sensors and exhaust system.
11. Connect the battery, start the engine, and check for leaks.
12. Re-check your work.
13. Remove the jack stands and lower the vehicle.
14. After 150 miles, re-check and tighten all bolts and clamps.

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