



**2010-17 Toyota Tundra V8, 5.7L  
BlackHeart Shorty Header, 409SS  
70304403-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
6	8 x 1.25 x 30mm Flange Bolts
6	10 x 1.50 x 40mm Bolt
6	10 x 1.50 Nut
2	Decal - Blackheart 4" x 2"

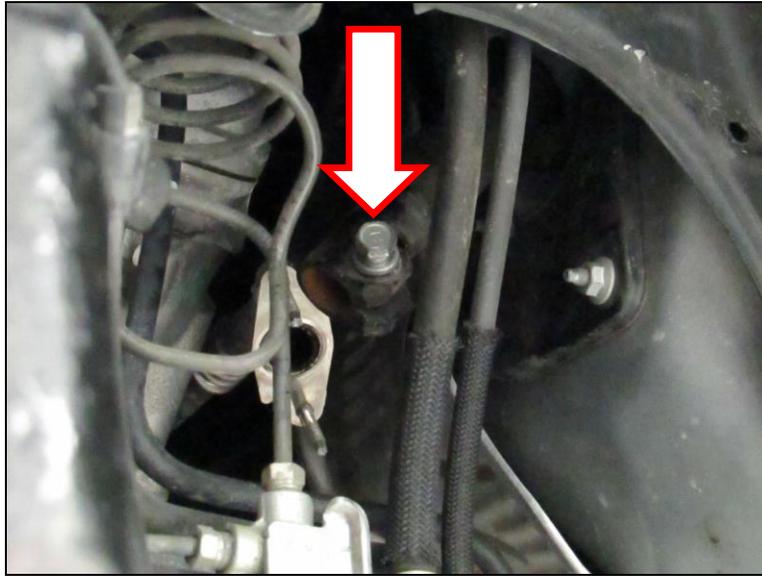
Check the hardware package. If anything is missing, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

**INSTALLATION:**

1. Disconnect the negative cable from the vehicle battery.
2. Lift the vehicle and secure on jack stands.
3. Remove the left and right front wheels and fender panels.
4. Remove (x4) 14mm head bolts securing the OE exhaust system to the catalytic converters.
5. Remove the (x4) rubber isolation mounts off the vehicle and remove OE exhaust system.

6. Disconnect the oxygen sensors off the harness.
7. Remove the driveshaft heat shield by removing (x2) 12mm head bolts and then (x8) 14mm head nuts securing the front driveshaft. Remove drive shaft.
8. Remove (x6) 14mm head nuts securing the OE Y-pipe to the left and right side OE exhaust manifolds and remove OE Y-pipe.
9. Remove (x6) 10mm head bolts securing the left and right exhaust manifold heat shields to the OE header.
10. Remove the 12mm head steering shaft bolt and move steering shaft off to the side.

**NOTE: DO NOT ROTATE THE STEERING SHAFT TO AVOID DAMAGE!!!!**



11. Remove (x8) 12mm head nuts and (x2) 10mm head nuts securing the left side OE exhaust manifold to the engine and air injection tube. Remove left side OE exhaust manifold.
12. Remove (x8) 12mm head nuts and (x2) 10mm head nuts securing the right side OE exhaust manifold to the engine and air injection tube. Remove right side OE exhaust manifold.
13. Using the original header & air injection tube gaskets removed from step 11 (replace if necessary), (x8) 12mm head nuts, and (x2) 10mm head nuts, install the left side Hooker BlackHeart Shorty header and tighten starting with the middle and working your way out.
14. Install the steering shaft using the original bolt from step 10 and tighten.
15. Using the original header & air injection tube gaskets removed from step 12 (replace if necessary), (x2) 12mm head nuts, (x6) supplied bolts, and (x2) 10mm head nuts, install the right side Hooker BlackHeart Shorty header and tighten starting with the middle and working your way out.
16. Re-install the OE Y-pipe using (x6) supplied bolts/nuts and original gaskets (replace if necessary) and tighten.
17. Connect the oxygen sensors back onto the wire harness.
18. Re-install the driveshaft and driveshaft heat shield using the original hardware from step 7 and tighten.
19. Re-install the exhaust system using the original hardware from step 4 and tighten.
20. Connect the battery, start the engine, and check for leaks.
21. Re-check your work.
22. Remove the jack stands and lower the vehicle.

23. After 150 miles, re-check and tighten all bolts.

**NOTE: It is normal for the Blackheart System 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.

HOOKER™ makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

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.

**THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.**

California vehicle code, sections 27156 and 38391, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system, unless exempted, unless otherwise noted. HOOKER™ Headers that have not received an Executive Order (E.O.) exemption from these code sections are not legal for sale or use in California on vehicles originally equipped with catalytic converters, except for racing vehicles, which may never be driven upon a highway. Check with your local authorities to determine if these headers are legal for use in your particular area.

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