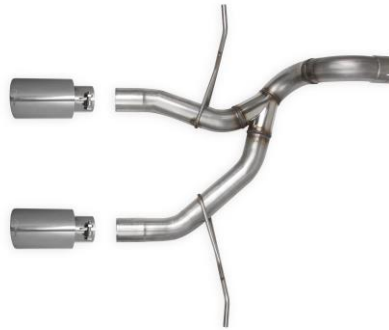




**2018-19 Jeep Wrangler (JL) V6, 3.6L  
Blackheart High-Clearance Axle-Back Exhaust System  
PN: BH5414 Urban Assault Series  
with No Muffler and Dual Tips  
Installation Instructions**



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:**

This installation can be performed with the vehicle on the ground. The vehicle **must** be on a solid level surface with Transmission in park, set the parking brake and block all four wheels to prevent the vehicle from rolling unexpectedly. The use of a vehicle floor hoist rated for the vehicle weight and application is ideal and recommended. **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:**

Parts List	
Qty.	Description
1	Axle-Back Exhaust
2	Tips
1	517R129 (Lighting plug relocation bracket)

P/N	Qty.	Description
556R22	1	Band Clamp, 2.5" x 1.25" Wide, SS Torca
599R94	2	Decal, BlackHeart 4" x 2"
517R4	2	Cable Ties
505R20	2	M10 x 30mm Flange Bolt
505R25	2	M10 Flange Nut
199R11670	1	Instruction sheet

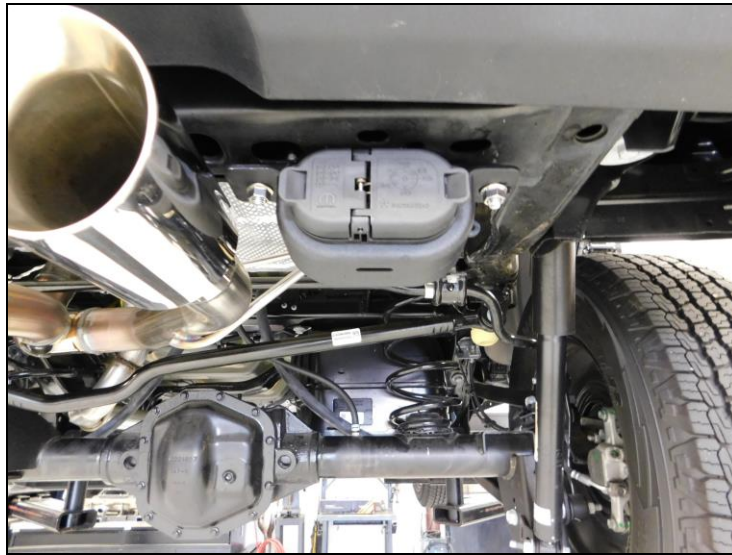
Check the hardware package. If anything is missing, please contact Technical Service at 1-866-464-6553 or 270-781-974

**INSTALLATION:**

1. Disconnect the negative cable from the vehicle battery.
2. If necessary, lift the vehicle and secure on jack stands.
3. From under the vehicle, loosen the band clamp securing the OE muffler section to the OE mid-pipe.
4. Remove the OE muffler section by sliding it off the (x2) rubber isolation mounts and slide the OE muffler section connection pipe off the over-axle pipe. Spray the slip connection and rubber isolators with WD-40® to assist with this process.

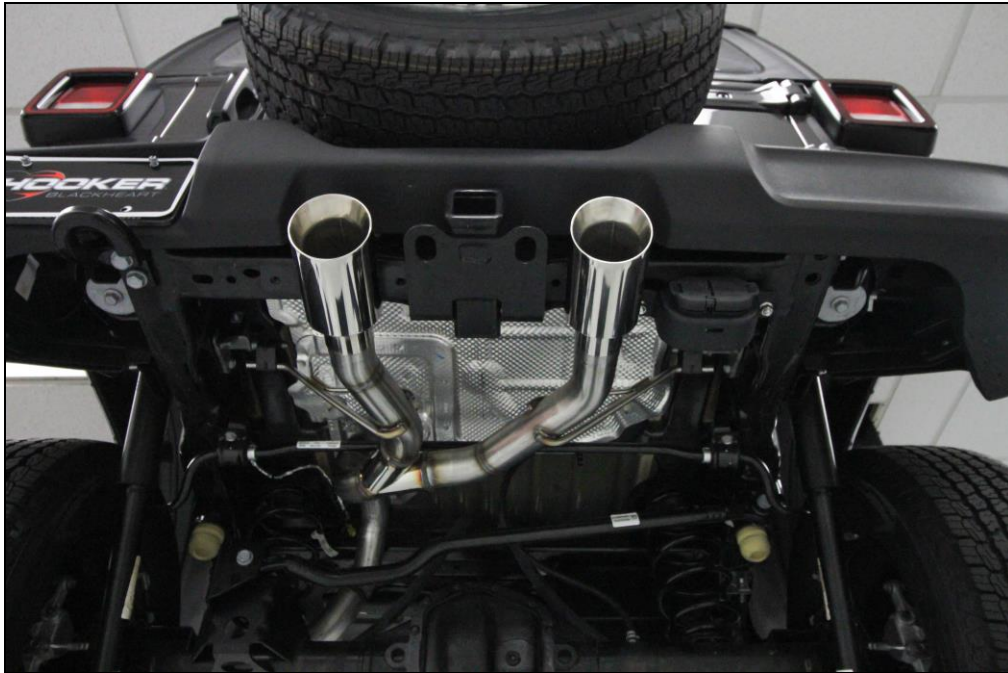
**If your vehicle has a Factory Installed trailer hitch, follow steps 5-9 (No Hitch-Skip to step 10):**

5. Remove the (x2) 16mm bolts securing the trailer lighting plug assembly to the bumper support on the left side of the trailer hitch. Un-clip the first (x2) harness retainers to allow the lighting plug assembly to be relocated to the right side of the trailer hitch (**Figure 1**).
6. Remove the (x2) trailer hitch bolts from behind the bumper on the passenger's side.
7. Install the supplied lighting plug relocation bracket using the trailer hitch mounting bolts. The flange of the bracket will be facing the rear of the vehicle and positioned under the bumper support.  
**NOTE:** Leave the bolts loose for now.
8. Use the supplied M10 x 25mm bolts and M10 flange nuts to assemble the lighting plug assembly to the relocation bracket and tighten the bolts.
9. Push the lighting plug assembly up to the bumper and tighten the (x2) bolts at the trailer hitch (**Figure 1**).  
**NOTE: Use the supplied cable ties to secure the loose harness.**



**Figure 1**

10. Install (x1) supplied 2.5" band clamp on to the Blackheart axle-back inlet pipe and install the muffler section onto the over-axle pipe of the vehicle exhaust. Tighten the clamp to allow for adjustment.
11. Install the rubber isolator on to the driver's side muffler hanger. Install the passenger's side rubber isolator on to the muffler hanger.
12. Install the supplied band clamps onto each tip. Install the clamp with the bolt at the top of the tip and the bolt facing toward the hitch.  
**NOTE:** The driver's side and passenger's side clamps will be facing opposite directions when installed.
13. Install the tips onto the tailpipes and tighten the clamps with the bolts at the top of the tube. Tighten the clamp only enough to hold the tip in place and still be adjusted (**Figure 2**).



**Figure 2**

14. Align the Blackheart Axle-Back Exhaust System to the desired position and tighten the band clamp at the over-axle pipe.
15. Adjust the tips and tighten the clamps.
16. Connect the battery, start the engine, and check for leaks.
17. Re-check your work.
18. Remove the jack stands and lower the vehicle (if applicable).
19. 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**

**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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**199R11670**  
**Date: 3-1-19**