



**2018-2020 Jeep Wrangler JL V6, 3.6L
Blackheart High-Clearance Cat-Back Exhaust
2 door & 4 door
BH5412**



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 18 inches. A floor hoist is ideal and recommended. If no hoist is available, we strongly urge the use of axle stands as a safety measure. **Please read and understand these instructions and disclaimer 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
556R22	2	Band Clamp, 2.5" x 1.25" Wide, SS Torca
556R26	1	2.5" Torca Coupler
599R94	2	Decal, BlackHeart 4" x 2"
199R11575	1	Instruction Sheet
Parts List:	1	Muffler Assembly
	1	4 Door Extension Pipe

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. From under the vehicle, loosen the band clamp securing the OE muffler section to the OE over-axle pipe.

4. Remove the OE muffler section by sliding 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.
5. Remove the bolt at the clamp securing the resonator and exhaust to the OEM Y-Pipe (**Figure 1**).

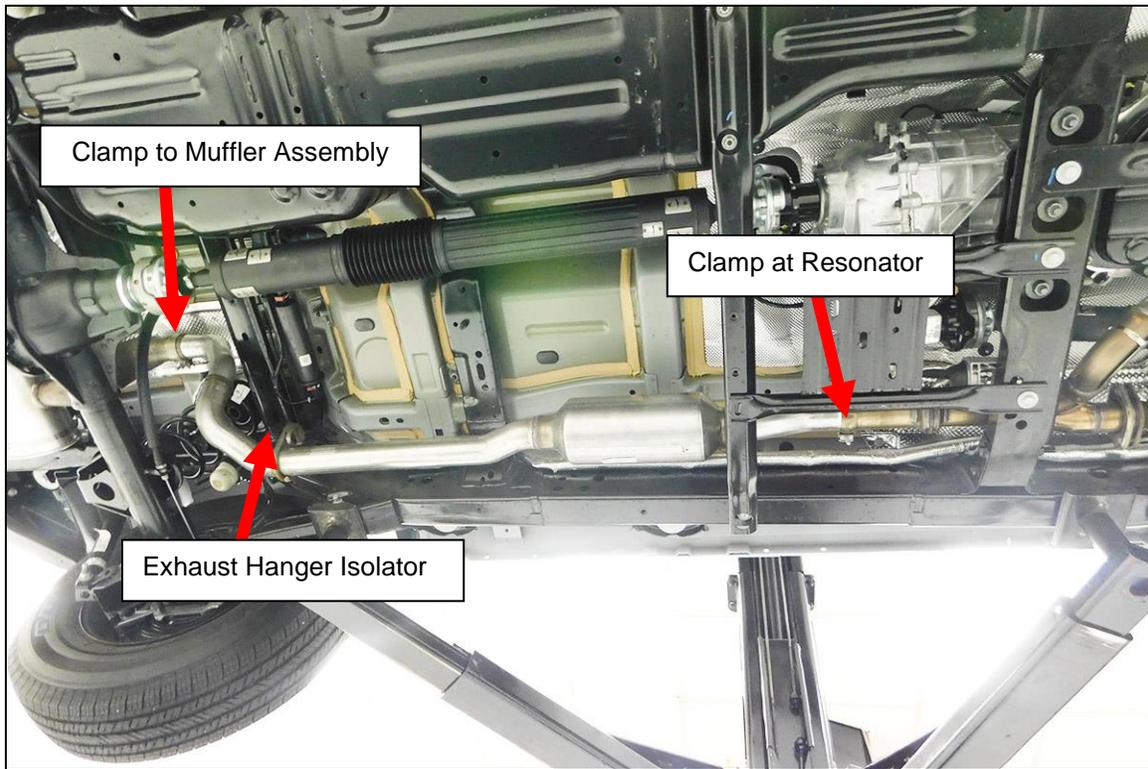


Figure 1

6. Pry the retainer back on the clamp at the resonator connection with a small screwdriver and slide the clamp back on to the Y-pipe from the engine.
7. Remove the isolator from the hanger rod on the exhaust pipe after the resonator. Spray the isolator with WD-40® to simplify this process (**Figure 1**).
8. Remove the resonator and exhaust pipe from the vehicle.
9. Install the Blackheart muffler onto the OEM Y-pipe from the engine. Place the formed end of the muffler inlet on to the Y-pipe outlet. Slide the clamp over the connection and install the bolt from the bottom. Tighten the bolt to hold the muffler assembly in place, but still allow for adjustment (**Figure 2**). The muffler should be level and square with the frame rail.
10. Install (x1) supplied 2.5" band clamp on to the outlet of the muffler.



Figure 2

4 DOOR INSTALLATION ONLY:

1. Install the 21.5" straight extension pipe into the muffler (**4 DOOR APPLICATIONS ONLY**) and tighten the clamp to allow for adjustment.
2. Install the over-axle hanger rod into the exhaust hanger isolator on the frame rail (**Figure 3**).
3. Install (x1) supplied 2.5" coupler over the outlet of the extension tube.
4. Align the over-axle tube to the extension pipe and slide the coupler on to the over-axle pipe with a 50/50 split between the extension tube and the over-axle pipe. Tighten the coupler to allow for adjustment (**Figure 3**).

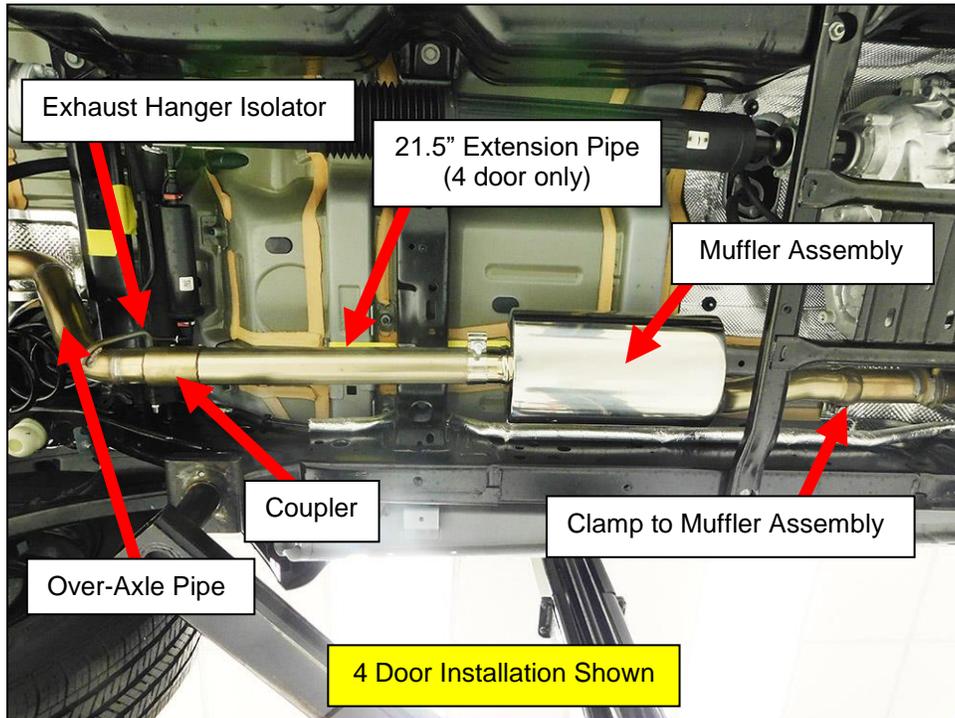


Figure 3

2 DOOR INSTALLATION:

DO NOT install the 21.5" extension pipe or 2.5" coupler

1. Install the over-axle pipe directly into the muffler outlet and tighten the band clamp to allow for adjustment.

2 AND 4 DOOR INSTALLATION:

1. Install (x1) supplied 2.5" band clamp on to the tailpipe inlet (notched end). Install the tailpipe on to the over-axle pipe from the muffler. Tighten the band clamp to allow for adjustment.
2. Slide the driver's side rubber isolator on to the tailpipe hanger rod hanger.
3. Align the Blackheart Cat-Back exhaust system and tighten the clamps and couplers starting at the front and working to the rear.
4. Connect the battery, start the engine, and check for leaks.
5. Re-check your work.
6. Remove the jack stands and lower the vehicle (If applicable).
7. 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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Revision Date: 8-12-20