



1997-2006 JEEP WRANGLER TJ 3" ENGINE SWAP EXHAUST SYSTEM BH13212 Installation Instructions



Thank you for choosing to use Hooker Blackheart products on your 1997-2006 Jeep Wrangler engine swap project. This exhaust system is part of the most comprehensively designed engine swap systems available for installing a GM LS or LT engine, or Chrysler Hemi engine in to this vehicle application. It has been specifically designed for installation with stock-type rear suspension systems (bolt-on lift kits are compatible) and will provide direct fitment to the Hooker Blackheart Y-pipes and headers that are also part of these swap systems.

PRE-INSTALLATION CONSIDERATIONS:

Check that the hardware package includes the following:

| BH13212 Hardware | |
|------------------|------------------|
| 1 | 3" Coupler Clamp |
| 2 | 3" Band Clamps |

If any listed hardware is missing, please contact Technical Service at: 1-866-464-6553 or 270-781-97

IMPORTANT! Position and support your vehicle on a suitable surface. **USE CAUTION AND WORK ONLY ON A LEVEL SURFACE USING JACKS AND JACK STANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.** Use of a two-post under arm lift or four-post drive-on lift will considerably reduce the time and effort required to complete the installation. **MAKE SURE LIFT LOCKS ARE ENGAGED BEFORE WORKING UNDER THE VEHICLE.**

INSTALLATION:

NOTES: This exhaust system is designed to be suspended from the stock front and rear tailpipe isolators/hangers attached to the vehicle frame. If any of these components are missing from your vehicle, you will need to purchase and install stock replacement parts for them before beginning the installation of this exhaust system.

The two inlet pipes included with this exhaust system will enable the system to be connected to related Hooker Blackheart LS/LT/Hemi engine swap Y-pipes and headers with the engine installed in either a transfer case drop configuration, or in a belly tucked configuration with a less than stock degree of engine inclination angle. This compatibility only applies to engines that have been installed using Hooker Blackheart Jeep Wrangler TJ engine mounting brackets.

These instructions have been written with the assumption that you have already installed a GM LS or LT, or Chrysler Hemi engine into your vehicle using Hooker Blackheart engine/transmission mounting components and have installed a Hooker Blackheart LS/LT/Hemi Y-pipe and headers onto the engine per their instructions.

1. Raise and support the vehicle.
2. Remove any existing exhaust system components from the vehicle, excluding the two factory tailpipe isolators/hangers attached to the right side frame rail.

3. Place the supplied 3" coupler clamp onto the outlet of your Hooker Blackheart Y-pipe.
4. If you have installed your engine/transmission using a transfer case drop to obtain usable U-joint operating angles, attach the supplied system inlet tube with the **GREATER** amount of bend degree angle in it to the Y-pipe with the coupler clamp.
5. If you have installed your engine/transmission in a belly-tuck configuration using a Double Cardan equipped rear driveshaft to obtain usable U-joint working angles, attach the supplied system inlet tube with the **LESSER** amount of bend degree angle in it to the Y-pipe with the coupler clamp.
6. Place (x1) supplied 3" band clamp onto one of the slip connectors of the supplied muffler and install the muffler onto the outlet end of the previously installed inlet tube.
7. Place the remaining (x1) supplied 3" band clamp onto the muffler outlet.
8. Feed the tailpipe over the rear axle from the rear and insert the inlet end into the muffler outlet.
9. Engage the tailpipe hanger rods with the factory rubber tailpipe isolators. Lubricate the isolators with penetrating oil, if needed.
10. Align the system components for best fitment as you incrementally tighten all the clamps.
11. Discard or store the unused supplied inlet tube.

Any questions? Please contact Technical Service: 1-866-464-6553 or 270-781-9741. For online help, please refer to: www.holley.com.

COMPATIBILITY INFORMATION:

This exhaust system is compatible with Hooker Blackheart GM LS and LT and Chrysler Hemi engine swap Y-pipes and headers in instances where the engine and transmission have been installed using Hooker Blackheart LS/LT/Hemi engine/transmission mounting components; use of other brand/type of engine/transmission mounting components will have a negative effect on this compatibility. If needed, additional compatible LS/LT/Hemi engine swap components, such as EFI fuel control systems, fuel filters, fuel pumps, plumbing hose/fittings, valve covers and accessory drive brackets can be found at www.holley.com.

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.

Technical Service: 1-866-464-6553

Phone: 1-270-781-9741

For online help, please refer to the Tech Service section of our website: www.holley.com

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