



**2005-09 Ford Mustang GT 4.6L V8  
Blackheart Header Back (Race only) Exhaust  
70503342-RHKR w/ Mufflers & 70503343-RHKR w/o Mufflers  
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.

**WARNING!** This product is not street legal and may only be used on RACING VEHICLES. Racing vehicles must be used exclusively for racing or other forms of competition. Racing vehicles must not be registered and must never be used on the street. It is illegal to install this product on a registered vehicle and use it on the street.

**BEFORE STARTING:**

Your vehicle must be raised a minimum of 18 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**

Accessory Pack Contents:		
P/N	Qty.	Description
556R27	4	3" SS TORCA Coupler
556R23	4	Band Clamp, 3.0" x 1.25" WIDE, SS TORCA
199R11269	1	Instruction Sheet
599R94	2	Decal-Blackheart 4" x 2"

**PARTS LIST**

Qty	Description
2	Link Pipes
1	X-Pipe Assembly
1	Left Over-Axle Pipe
1	Right Over-Axle Pipe
1	Left Muffler Assembly or Muffler Delete Pipe
1	Right Muffler Assembly or Muffler Delete Pipe

**TOOLS REQUIRED**

3/8 Metric Socket Set
13MM Wrench (Ratcheting)
15mm Deep Socket
3/8 Drive Universal
10" 3/8 Drive Extension

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

**Note:** This exhaust system is intended for use with Hooker Blackheart long tube headers P/N 70103313-RHKR or 70103314-RHKR. These instructions assume the headers have already been installed.

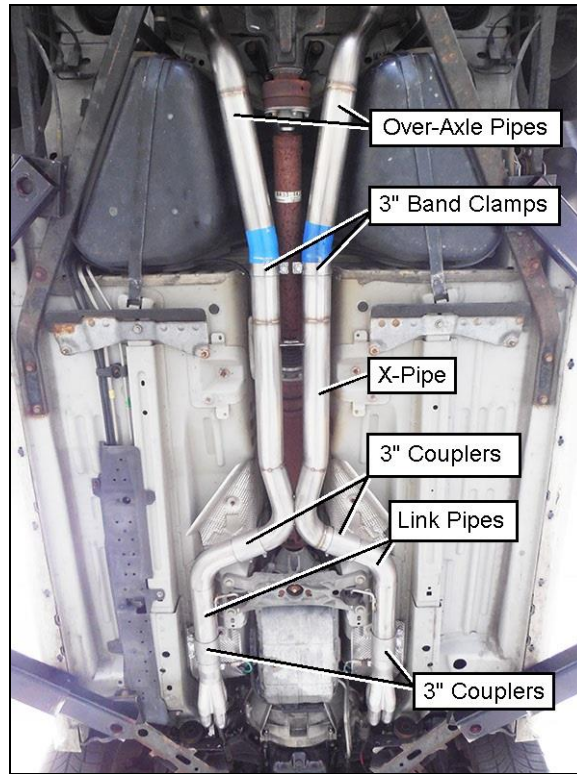
## **REMOVING THE OE EXHAUST:**

1. Disconnect the negative cable from the vehicle battery.
2. Lift the vehicle and secure on jack stands.
3. Loosen the left and right side OE connection clamps securing the OE mufflers to the over-axle pipe and generously soak the slip joint connection with WD-40® or equivalent penetrating oil.
4. Remove (x2) 13mm head bolts securing each muffler isolation mount brackets to the chassis.
5. Slide the OE mufflers off the over-axle pipe and remove the OE muffler.
6. Slide the left and right side isolation mount brackets off the OE mufflers and transfer onto the left and right side Blackheart muffler or muffler delete pipes.
7. Loosen the clamps at the H-pipe connection and the over-axle pipes. Remove the OE over-axle pipes.

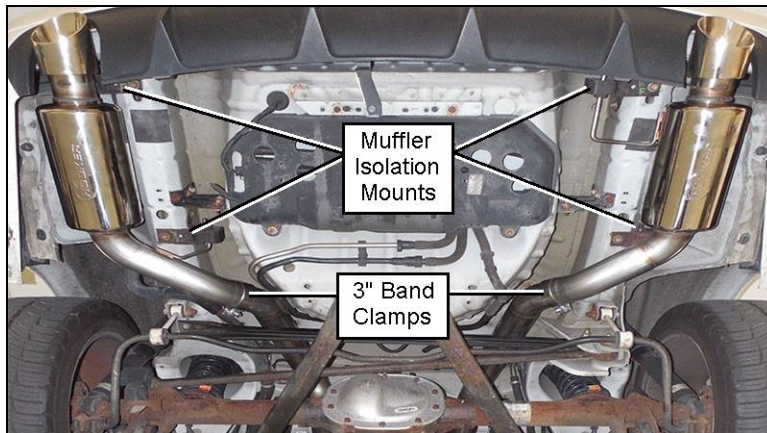
## **INSTALLING THE BLACKHEART HEADER-BACK RACE EXHAUST:**

1. Install a supplied 3" coupler onto each header collector with bolts to the outside and nuts facing down (**Figure 1**).
2. Install the left link pipe hanger rod into the isolator at the transmission cross member and slide the coupler over the link pipe allowing a 50/50 split between the header collector and the link pipe (**Figure 1**). Tighten the clamp to allow for adjustment.
3. Install the right link pipe hanger rod into the isolator at the transmission cross member and slide the coupler over the link pipe allowing a 50/50 split between the header collector and the link pipe (**Figure 1**). Tighten the clamp to allow for adjustment.
4. Install a supplied 3" coupler over each link pipe outlet with bolt to the inside and nuts facing down. Place the X-pipe into the vehicle with the marked side of the X-pipe facing up towards the driveshaft. Slide the coupler over the short legs of the X-pipe inlet allowing a 50/50 split between the X-pipe and the link pipe. Support the X-pipe and tighten the couplers to allow for adjustment (**Figure 1**).
5. Install a supplied 3" band clamp on to the expanded and notched inlet of the Blackheart over-axle pipe with the bolt to the inside and the nut facing down. Position the over-axle pipe into the vehicle and slide the expanded end over X-pipe outlet (**Figure 1**). Tighten the clamp to allow for adjustment.
6. Install a 3" band clamp on to the expanded and notched inlet of each Blackheart muffler or muffler delete pipe.
7. Install the left and right mufflers or muffler delete pipes on to the over-axle pipes and install the bolts to the isolation mounts (**Figure 2**).
8. Align the Blackheart exhaust system and tighten the clamps (**Figure 3**).
9. Connect the battery, start the engine, and check for leaks.
10. Re-check your work.
11. Remove the jack stands and lower the vehicle.
12. 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.**



**Figure 1**



**Figure 2**



**Figure 3**

**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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**Date: 3-30-17**