



## 1979-93 Ford Mustang Exhaust Systems

705014141RHKR / 705013141RHKR and 705014142RHKR / 705013142RHKR

### Installation Instructions



Thank you for choosing to install a Hooker Blackheart exhaust system on your 1979-1993 Ford Mustang. Although these systems have been specifically developed for direct fitment with Hooker Blackheart LS and Coyote engine swap components for these applications. They will provide equally beneficial fitment, function, and service life with other non-Hooker LS/Coyote swap headers or non-LS/Coyote engine equipped Mustangs through modification of the system inlet tubes, or construction of new ones, by a competent fabricator.

#### **PRE-INSTALLATION CONSIDERATIONS:**

Check that the hardware package includes the following:

705014141RHKR / 705013141RHKR		705014142RHKR / 705013142RHKR	
Qty.	Description	Qty.	Description
2*	2.5" Coupler Clamps	2*	3" Coupler Clamps
8*	2.5" Band Clamps	10*	3" Band Clamps
2*	3" Band Clamps		

\*Items not shown in photo above

If any listed hardware is missing, please contact Technical Service: 1-866-464-6553 or 270-781-9741.

**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:**

**NOTE:** The following steps assume that you are installing the system using Hooker Blackheart LS or Coyote engine swap mounting components and long-tube headers already in place on the vehicle. If you are performing an installation of this system without utilizing these products, install all system components from the "X" crossover rearward. Then, adjust them for best fitment with the bottom of the floor panels and sufficient clearances around all suspension, fuel, and brake components. Do all this before modifying the included Hooker Blackheart inlet tubes, or fabricating new inlet tubes to be compatible with the geometry of your headers and transmission crossmember.

1. Raise vehicle to a comfortable working height and lock in position.
2. Remove any existing exhaust system components from vehicle, if present, excluding the factory hanger brackets and rubber isolators. If your vehicle is a non-V8 factory equipped car, you will need to purchase/install reproduction factory V8 hangers.
3. Place (x1) supplied band clamp (2.5" or 3" clamp depending on system being installed) onto each inlet slip-connector of the X-pipe assembly and insert the left and right inlet tubes into the X-pipe assembly. Note: The outlet leg of the X-pipe assembly that is slightly longer than the other one is to be positioned on the left (driver's) side of the transmission tunnel. The left (driver's) side inlet tube is the one with four bends in it.

4. Place (x1) supplied band clamp (3" clamp used here for all systems) onto the slip-connector of each inlet tube. Install the inlet tube/X-pipe assembly onto the Hooker header collectors. Tighten clamps enough to hold general component position, but still allow for adjustments to be made.
5. Feed the over-axle tube assemblies over the rear axle and insert the end of the hanger rod on each into the corresponding stock rubber hangers in front of the axle. The hanger rods on over-axle tubes point towards the center of the vehicle when over-axle tubes are installed on the car in the correct left-right orientation.
6. Place (x1) supplied band clamp (2.5" or 3" clamp depending on system being installed) onto one of the tube stubs on each muffler and install the mufflers onto the inlets of the over-axle tube assemblies. Tighten clamps enough to hold general component position, but still allow for adjustments to be made.
7. Place (x1) supplied band clamp (2.5" or 3" clamp depending on system being installed) onto the open inlet stub of each muffler and insert the supplied muffler inlet tubes into the mufflers. The longest tube is to be installed on the passenger's side of the car. Tighten clamps enough to hold general component position, but still allow for adjustments to be made.
8. Place (x1) supplied double-ended coupler clamp (2.5" or 3" clamp depending on system being installed) over each muffler inlet tube and lift up the front of the connected muffler tube/muffler/over-axle tube assemblies to allow them to be connected to the outlets of the X-pipe assembly previously installed. Carefully position the coupler clamps so that the ends of the tubes inside them are centered along the length of the couplers.
9. Place (x1) supplied band clamp (2.5" or 3" clamp depending on system being installed) onto the slip-connector of each tailpipe assembly inlet and install the tailpipes onto the outlets of the over-axle tube assemblies. Tighten clamps enough to hold general component position, but still allow for adjustments to be made.
10. Raise the tailpipes up and connect them to the rear vehicle hangers/isolators.
11. Align all components for best adjustment and to clear all vehicle components. Tighten all clamps.

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

## **COMPATIBILITY INFORMATION:**

These exhaust systems were designed for direct installation with compatible Hooker Blackheart LS or Coyote engine swap headers and engine and transmission mounting components listed for this vehicle application. If needed, additional compatible LS and Coyote 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](http://www.holley.com).

As shipped, the bend geometry of this system's inlet tubes (forward of the crossover) is compatible with the stock Hooker Blackheart LS swap transmission crossmembers and headers for this application only. As such, interference with other transmission crossmembers and/or poor line-up characteristics with other brands of headers should be expected. Such issues can be remedied through modification of the inlet tubes supplied with this system, or the fabrication of new inlet pipes, to provide compatibility with the components installed on your vehicle.

### **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](http://www.holley.com)**

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