



**1975-1981 2nd Gen F-Body
3" 304SS Exhaust w/ X-pipe and Mufflers
DSE CHASSIS and SUSPENSION
P/N BH13248 & BH13247
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 and some fabrication. 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:

IMPORTANT! The installation of this exhaust system will require the removal of the leading outside corners of the spare tire well. This will be necessary to accommodate tailpipe clearance. These areas will need to be reconstructed after clearance is made. Modifications to the OEM gas tank or the use of a custom made gas tank may also be necessary. See Figures 1 & 2.



Figure 1

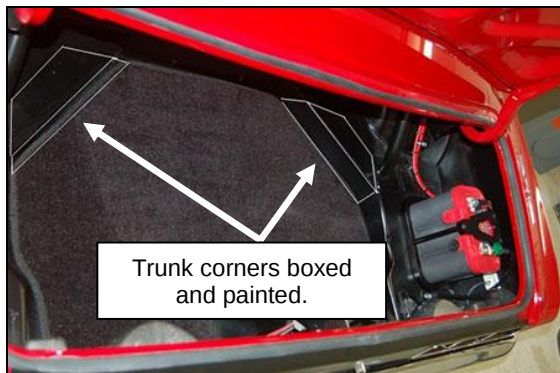


Figure 2

Your vehicle must be raised a minimum of 24 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:

Accessory Pack Contents:					
P/N	Qty.	Description	P/N	Qty.	Description
556R27	2	3" TORCA Couplers	546R15	8	3/8 Flat Washers
556R23	2	3" TORCA Band Clamps	505R63	4	5/16 x 3/4" Bolts
41174HKR	2	3" V-Band Clamps	546R13	4	5/16 Flat Washers
516R128	4	Hanger Grommets	546R16	4	5/16 Lock Washers
505R62	4	3/8 x 1.5" Bolts	199R12177	1	Instruction Sheet
539R26	4	3/8 Nylock Nuts			

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

Parts List:				Tools Needed:	
Qty.	Description	Qty.	Description		
1	X-Pipe Assembly	1	Right Tailpipe Assembly	3/8" Drive Socket Set	3" long 3/8 Drive Extension
1	Left Muffler Assembly	1	Left Tailpipe Hanger Bracket	9/16 Deep Well Socket	6" long 3/8 Drive Extension*
1	Right Muffler Assembly	1	Right Tailpipe Hanger Bracket	9/16 Socket	9/16 Wrench
1	Left Tailpipe Assembly			3/8 Drill Motor	15mm Deep Well Socket
				3/8 Drill Bit	1/2" Socket

IMPORTANT! Please read and understand instructions before attempting installation.

1. Place vehicle on flat solid surface set parking brake and block front wheels.
2. **Disconnect the negative terminal of the battery.** Lift the vehicle a minimum of 24 inches and support with jack stands.

NOTE: HOOKER Blackheart P/N BH13248/ H13247 exhaust is designed to be installed with either HOOKER Blackheart Headers P/N BH13265, BH13264, BH13262, or BH13263 and may require fabrication to be installed with headers other than the ones specified.

3. Remove existing exhaust system if applicable.

INSTALLATION OF EXHAUST SYSTEM

1. Install a 3" TORCA coupler on to each P/N BH13265/ BH13264 or BH13262/BH13263 header collector.
2. Place the X-pipe at the header collector and slide the couplers on to the X-pipe. Be sure to keep half the coupler on the header and half the coupler on the X-pipe. Support the X-pipe and tighten the coupler bolts just enough to hold the parts in place, but still allow for adjustment.
3. Install a 3" TORCA band clamp on to each outlet of the X-pipe with the bolt to the inside and the nut facing down
4. Install the left and right muffler assembly on to the X-pipe with the hanger bracket facing up and to the inside.
5. Install the hanger isolator grommets into the hanger bracket and snap the two halves together. Align the hanger bracket with the floor pan and tighten the band clamp to allow for adjustment. **NOTE:** Do not drill the bolt hole.
6. Install the left and right tailpipe hanger brackets on to the outside of the frame rails. Use the existing factory exhaust hanger bolt holes to mount the hanger brackets, using the supplied (x4) 5/16 x 3/4" bolts, 5/16 flat washers, and 5/16 lock washers (**Figure 3**). Be sure to use the correct bracket for each side. The brackets are marked for left (L) and right (R).



Figure 3



Figure 4

NOTE: It may be necessary to install 5/16 nutserts into the frame rails if the factory threaded bolt holes are not present. Use the bracket as a template to locate the correct location to drill the holes for the nutserts. Follow the instructions to install the tailpipes and bolt the hanger bracket to the tailpipe bracket. Position the tailpipe to exit the rear valance in the correct location and mark the frame rail at the slotted holes in the bracket. Follow manufacturer's installation instructions for installing the nutserts.

7. Install the (x4) supplied hanger isolator grommets into the tailpipe hangers and snap the two halves together (**Figure 4**).
8. Position the Right tailpipe over the axle and align the V-Band flanges. Install the V-Band clamp and tighten the clamp just enough to fully seat the flanges but still allow for adjustment. **NOTE: Having a second person to help support the tail pipe is helpful.** Install a 3/8 flat washer on to the supplied 3/8 x 1-1/2" bolt and place the bolt through the hanger bracket and the tailpipe hanger grommet. Install the second 3/8 flat washer and the nylock nut. Adjust the tailpipe hangers for best clearance and tighten the hanger bolt (**Figure 5**).
9. Position the Left tailpipe over the axle and align the V-Band flanges. Install the V-Band clamp and tighten the clamp just enough to fully seat the flanges but still allow for adjustment. **NOTE: Having a second person to help support the tail pipe is helpful.** Install a flat washer on to the supplied 3/8 x 1-1/2" bolt and place the bolt through the hanger bracket and the tailpipe hanger grommet. Install the second flat washer and the nylock nut. Adjust the tailpipe hangers for best clearance and tighten the hanger bolt (**Figure 5**).



Figure 5



Figure 6

10. Recheck all piping for proper alignment and clearance.
11. Check that the muffler hanger brackets are properly aligned and the hanger grommet are flush with the floor pan. Recheck the alignment of the entire exhaust before drilling the holes for the hanger brackets. After checking alignment of the hangers, be sure the area inside the car where the drill bit will break through the floor is clear and free of anything that will be damaged by drilling the hole in the floor. **Removal of the rear seat (if equipped) will be necessary.**
12. Using the hanger grommet as a drill guide, carefully drill a 3/8" hole in the floor. Install a flat washer on to the supplied 3/8"x1-1/2" bolt. Install the bolt through the grommet from the bottom. Install the second 3/8 flat washer and nylock nut and tighten the nut while a second person holds the bolt from the bottom (**Figure 6**). Repeat this process for both sides.
13. Tighten and recheck all connections and hardware to be sure all work is complete.
14. Remove the jack stands and lower the car.
15. Start vehicle and check for leaks. After 150 miles, recheck all connections and clamps.

NOTE: It is normal for your new Blackheart exhaust system to emit smoke for the first few minutes of operation.

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.

HOKKER™ 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. HOKKER™ 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 Support: 1-866-464-6553

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