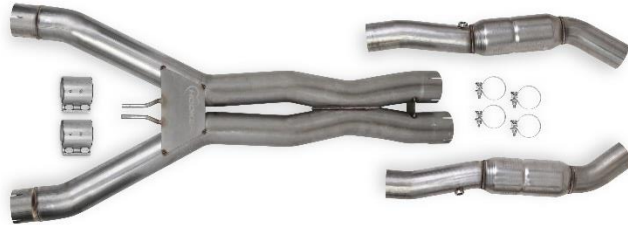




2014-2015 C7 Corvette Header-Back 3" 304SS X-Pipe to OEM Mufflers

70801305-RHKR, w/ CATS – Race Only
70801306-RHKR, w/o CATS – Race Only

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 BLACKHEART exhaust system.

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 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:			Parts List:		Tools Needed:
P/N	Qty.	Description	Qty.	Description	
556R23	2	76mm Band Clamps	1	X - pipe	Spray Lube (WD 40®)
199R10945	1	Instruction Sheet	1	Left Link Pipe w/ Cat or w/o Cat	3/8" Drive Metric Socket Set
556R27	2	3" TORCA Couplers	1	Right Link Pipe w/ Cat or w/o Cat	12" 3/8 Drive Extension
556R28	2	2 3/4" TORCA Clamps			3/8 Universal
*271R1132	2	O2 Extension Harnesses			15mm-18mm Deep Sockets
					1/4" Socket Set w/ 7mm Socket
					Small Flat Blade Screwdriver
					8mm Wrench
					Utility Knife

* NOTE: No O2 sensor extensions are provided with Kit P/N 70801306-RHKR.

INSTALLATION:

IMPORTANT: Inspect your accessory pack: BEFORE YOU START!

1. Place the vehicle on flat a surface, set the parking brake, and block the front wheels.
2. Disconnect the battery.
3. Lift the vehicle and support with jack stands.

WARNING! Never support a vehicle with a floor or bumper jack.

This exhaust system is designed to fit Hooker Blackheart headers P/N 70101322-RHKR and will not fit the OEM down pipe. Installation with headers other than P/N 70101322-RHKR will require fabrication.

IMPORTANT: These instructions are for the installation of a HOOKER Blackheart Header back X-pipe to the OEM mufflers that is designed to fit with Hooker Blackheart headers P/N 70101322-RHKR. These instructions are for the X-pipe only and require the headers to have already been installed.

NOTE: If you are using a tuner to turn off the post catalyst O2 sensors, skip the steps to modify the heat shield below and plug the O2 sensor ports in the catalyst. **Non catted** link pipes do not use post catalyst O2 sensors. O2 sensor harness extensions are not supplied and the rear O2 sensors will have to be turned off by the use of a tuner with kit **P/N 70801306-RHKR**.

Heat Shield Modification:

1. Remove the heat shield insert inside the torque tube tunnel above the X-pipe.
2. Place the heat shield on a flat surface and measure from the front edge back towards the rear of the heat shield 8.5" and mark directly on center. Use a small screwdriver to make a hole in the heat shield at the marked location.
3. Draw a 1-1/4" circle around the hole on the back side of the heat shield. Use a utility knife and carefully cut through the back layer of foil at the marked circle. Remove the foil and the insulation between the front and back layers of foil.
4. Make an X cut across the hole on the front side foil. Push through the foil with your thumb and fold the foil back around the hole to create a finished edge around the hole.
5. Mark one of the extension harnesses with a marker or tape at both connectors to identify left and right after the harnesses are run through the heat shield.
6. Run the harnesses through the heat shield. Leave a few inches of the sensor side of the harness through the heatshield, as the long side of the harness will extend to the vehicle harness.
7. Install the heat shield.
8. Run the extension harnesses along the lines in the transmission tunnel to the O2 sensor connectors on the vehicle harness. Note the previously marked extension harness and connect to the correct O2 sensor at the catalyst.

INSTALLATION cont'd:

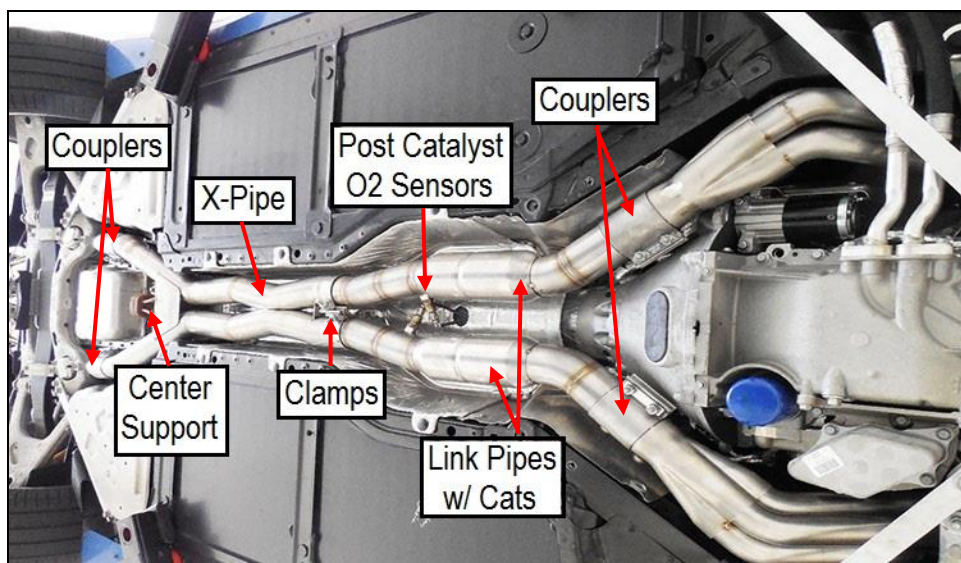


Figure 1

4. Install the 76mm band clamps on to each inlet pipe of the Blackheart X-pipe (expanded end with notches). The clamps need to be configured so the threaded stud of the clamp is positioned to align with the cut out in the lower skid plate (**Figure 1**).
5. Install the **RIGHT** cat link pipe or non-cat link pipe (long link pipe) into the X-pipes short expanded end. (**Figure 1**). Tighten the clamp to allow for adjustment.

6. Install the **LEFT** cat link pipe or non-cat link pipe (short link pipe) into the X-pipes long expanded end (**Figure 1**). Tighten the clamp to allow for adjustment.
7. Install the post catalyst O2 sensors into the left and right catalyst, if applicable.
8. Install a 3" coupler on to each header collector (bolts facing the transmission and the nuts facing down).
9. Install the supplied 2-3/4" TORCA clamp on to the reduced and notched end of the X-pipe (bolt facing the transmission and the nut facing down).
10. Install the X-pipe into the vehicle and install the over-axle pipes from the mufflers into the reduced and notched ends of the X-pipe. Align the catalyst inlet pipes with the header collectors and slide the coupler from the collector on to the catalyst. Align the coupler for a 50/50 split between the collector and the catalyst. Support the X-pipe. Install the center support bushing on the X-pipe and install the (x2) 13 mm bolts. Tighten the clamps to allow adjustment.
11. Connect the extension harnesses to the O2 sensors. Match the marked harness to the correct O2 sensor and vehicle harness connector. Pull the slack out of the harnesses and allow the connectors to go through the hole in the heat shield. Leave a small amount of slack at the sensor to allow for exhaust movement. Tie the loose harness to the lines above the heat shield to prevent contact with the exhaust pipes.
12. Re-check all hardware, clearances, and electrical connections.
13. Install the skid plate. Do not over tighten the bolts it is easy to damage the threads.
14. Remove the jack stands and lower the car. Connect the battery and remove the wheel blocks.
15. Start the vehicle and check for leaks and loose hardware.
16. Check all hardware again after the first 150 miles of driving.

Enjoy your Blackheart Exhaust!

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 Support: 1-866-464-6553

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