



2006 – 2011 Corvette Z06 Cat-Back 3” Exhaust System w/ X-pipe 70501368-RHKR – w/ Dual Mode 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 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.

IMPORTANT NOTE: This Dual Mode exhaust system is intended to be used on vehicles originally equipped with the NPP exhaust option from the factory (muffler has valves Figure 2) and is NOT intended to convert a non-NPP equipped vehicle to Dual mode.

INCLUDED HARDWARE:

| Accessory Pack Contents: | | |
|--------------------------|------|-----------------------|
| P/N | Qty. | Description |
| 556R23 | 2 | 76mm Band Clamps |
| 199R10997 | 1 | Instruction Sheet |
| 505R73 | 2 | 1/4-20 x 3/4 SS Bolts |
| 552R234 | 2 | 6” Length 7/32 Hose |
| 539R21 | 2 | 1/4-20 Lock Nuts |
| 599R94 | 2 | Blackheart Decals |
| 517R80 | 1 | Hooker Logo Plate |
| 556R27 | 2 | 3” Torca Couplers |

| Parts List: | |
|-------------|------------------------|
| Qty. | Description |
| 1 | Left Over-Axle Pipe |
| 1 | Right Over-Axle Pipe |
| 1 | Left Muffler assembly |
| 1 | Right Muffler Assembly |
| 1 | X-pipe Assembly |

| Tools Needed: |
|-------------------------|
| Spray Lube (WD 40®) |
| 3/8 drive Socket set |
| 12” 3/8 Drive Extension |
| 13mm & 15mm Deep Socket |
| 13mm Wrench |
| 3/8 Universal |
| 15mm & 18mm Socket |
| 18mm Box Wrench |
| 7/16 wrench |

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 negative terminal of the battery.**
3. Lift the vehicle and support with jack stands.

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

REMOVING THE OEM EXHAUST:

1. Spray the muffler isolators, muffler clamp bolts, and the H-pipe flange nuts with WD-40® or equivalent.
2. Remove the (x2) nuts and (x2) bolts from the rear sway bar center mounting bushings. Do not remove the lower control arm bolt. Allow the sway bar assembly to swing down and away from the mufflers. See **Figure 1**.

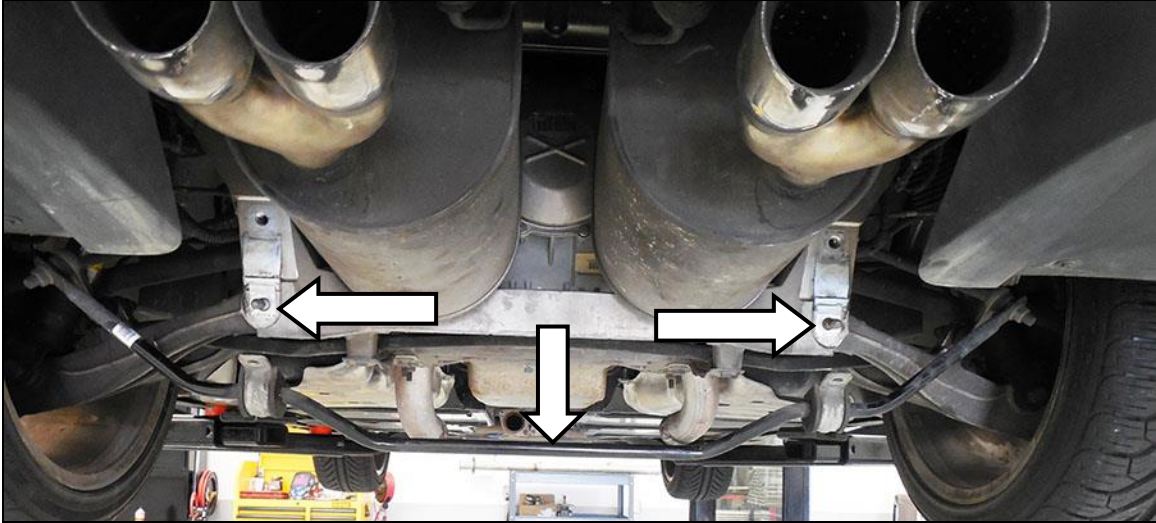


Figure 1

3. Loosen the clamps at the end of the X-pipe where it connects to the muffler inlet pipes.
4. Remove the (x4) nuts at the X-pipe where it connects to the catalytic converter down pipes. Remove the (x2) nuts at the center spring hangers. Slide the flanges off of the studs and remove the X-pipe from the muffler inlet pipes.
5. Remove the (x2) bolts from the muffler hangers on each muffler. Remove the **Left** side muffler first.
6. (FOR Z06) remove the heat shield above the mufflers and remove the **Right** side muffler (see note below).

Z06 Note: Remove the 7mm screws securing the inner fender well to the lower edge of the rear valance on the passenger's side. Remove the vacuum ball inside the rear valance. This will allow the valance to be pushed up providing extra room to rotate the right muffler assembly when removing it from the car. Be patient when removing the Right muffler assembly. Finding the right combination of rotation and working the muffler out over the transaxle will take a few minutes. Resist the temptation to pry on the muffler against the trunk floor or against the rear valance.



Figure 2



Figure 3

INSTALLATION OF YOUR HOOKER BLACKHEART CAT-BACK EXHAUST:

1. Inspect the exhaust hanger isolators and any OEM hardware to be reused. Replace, if necessary.
2. Install the (x2) 76mm band clamps on to the muffler inlet pipes with the bolts on the outside of the pipe and nut facing down. Tighten the clamp just enough to hold the clamp in position. DO NOT compress the tube.
3. Install the muffler isolators on to the Hooker Blackheart muffler hanger rods in the same direction they were removed from the O.E.M mufflers. See **Figure 2** above.
4. Remove the rubber end from the left and right exhaust valve actuator control line. Attach the (x2) supplied 6" section of 7/32 vacuum line to the actuator control lines coming from the car.
5. Install the **RIGHT** muffler into the car with the inlet pipe clear of the parking brake cable. Connect the vacuum hose to the exhaust valve actuator on the muffler assembly.
6. Align the isolator assemblies as shown in **Figure 2**. Install the isolator bolts.
7. Install the **LEFT** muffler into the car with the inlet pipe clear of the parking brake cable. Connect the vacuum hose to the exhaust valve actuator on the muffler assembly.
8. Align the isolator assemblies as shown in **Figure 2**. Install the isolator bolts.
9. Install the **Left** side over-axle pipe into the muffler. Leave the clamp loose for now.
10. Install the **Right** side over-axle pipe into the muffler. Leave the clamp loose for now.
11. Position the X-pipe into the car with the spring hanger bracket facing up. Install the 3" Torca couplers onto the X-pipe outlet with the bolts to the inside and the nuts facing the ground. Connect the X-pipe to the catalytic converter down pipes. Install the flanges and nuts. Install the spring hanger and nuts. Tighten the flange nuts to allow for adjustment.
12. Slide the couplers from the X-pipe on to the over-axle pipe and adjust for a 50/50 split on each pipe. Position the couplers with good clearance at the transmission. Tighten the nuts to allow for adjustment.
13. Position the 76mm band clamp at the muffler inlet pipe and tighten the clamp to allow for adjustment.

NOTE: Access to the clamps can be made between the leaf spring and the K member from underneath using a 12" long extension and a universal with a 15mm deep socket. (**Figures 5 & 6**).

14. Install the HOOKER logo plate between the mufflers (**Figure 4**). Install the supplied hardware and tighten to allow for adjustment.



Figure 4



Figure 5



Figure 6

15. Install the sway bar.
16. Tighten the (x4) bolts at the muffler isolators.
17. Install the vacuum ball and lower valance.
18. Check all the hardware and the connection points for proper installation and clearance. Adjust and tighten all clamps and hardware starting at the front and working towards the tailpipes.
19. Align the Hooker Logo plate between the mufflers and square the tips. Tighten the (x2) 1/4-20 bolts.
20. Remove the jack stands and lower the car. Connect the battery and remove the wheel blocks.
21. Start the vehicle and check for leaks and loose hardware.
22. 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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Date: 3-16-16