



2015-16 5.7L V8 Dodge Charger R/T /Chrysler 300
70502335-RHKR - 3" 304SS Cat-Back Exhaust System w/ 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 BLACKHART 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:

Parts List:	
Qty.	Description
1	H-Pipe Assembly
2	Muffler Assembly
1	Left Tailpipe Assembly
1	Right Tailpipe Assembly
1	Accessory Pack

Accessory Pack Contents:		
P/N	Qty.	Description
556R22	2	2.5" Band Clamp
556R23	4	3" Band Clamp
199R11207	1	Instruction Sheet
599R94	2	Hooker Decal

Tools Needed:
3/8 Drive Metric Socket Set
12" - 3/8 Drive Extension
15mm Deep Socket
Spray Lube (WD-40®)
3/8 Drive Universal
13mm Wrench

INSTALLATION:

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.

NOTE: Never support a vehicle with a floor or bumper jack.

REMOVING THE OEM EXHAUST:

1. Support the exhaust at both ends.
2. Remove the nuts from the transmission tunnel braces and remove the braces.
3. Remove the bolts at the isolator brackets on the **Left** and **Right** tailpipes (x2 each). See **Figure 1**.

4. Spray all the exhaust hanger isolators with WD-40® or equivalent.
5. Separate the left tailpipe from the resonators by removing the spring nuts at the flange (**Figure 1**). Lower and remove the tailpipe and muffler assembly from under the car. Remove the isolators from the hangers. Keep separate from the right side as they are different).
6. Remove the **Left and Right** side resonator hangers at the differential (**Figure 1**). Loosen the band clamps at the connection point between the catalyst down pipes and the factory X-pipe (**Figure 1**). Slide exhaust rearward until the X-pipe is clear of the down pipes. Lower the X-pipe and pull the system towards the front of the car until the tailpipes are clear of the rear valance. Lower and remove the exhaust from under the car.

NOTE: Cutting the factory tailpipe at the right side muffler will simplify the removal of the exhaust, but is not necessary.

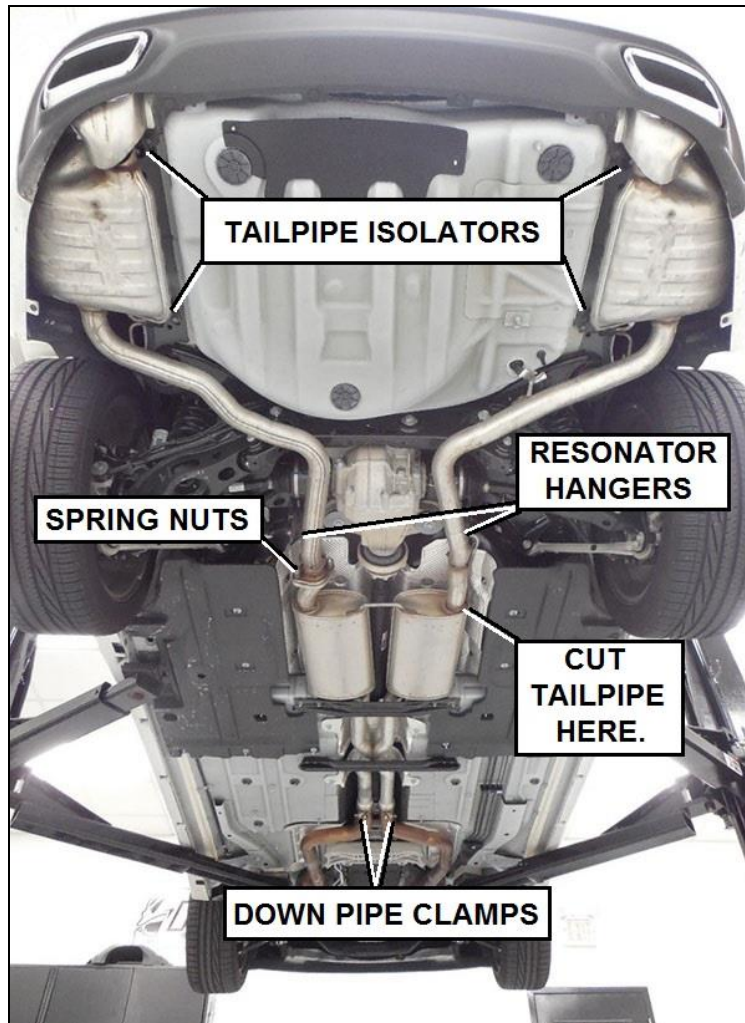


Figure 1

INSTALLATION OF YOUR HOOKER BLACKHEART CAT-BACK EXHAUST SYSTEM:

1. Inspect the exhaust hanger isolators and any OEM hardware to be reused. Replace, if necessary.
2. Install a 2.5" band clamp over each down pipe, position the clamp with the bolt at the bottom of the pipe and the nut facing outward (same orientation as the factory clamps). See **Figure 2**.
3. Pre-install the Mufflers) on to the H-pipe. Align the mufflers flat and even with each other. Tighten the clamps with the bolt at the top of the pipe and the nut facing outward (**Figure 3**).
4. Install the H-pipe assembly on to the catalyst down pipes, support the H-pipe at the mufflers and reinstall the transmission tunnel braces and nuts. Slide the clamps over the inlet adapters. Align and tighten the clamps at the down pipe connection to allow for adjustment (**Figure 2**).
5. Install the supplied 3" band clamp over each muffler (bolt inside and nut down). See **Figure 3**.

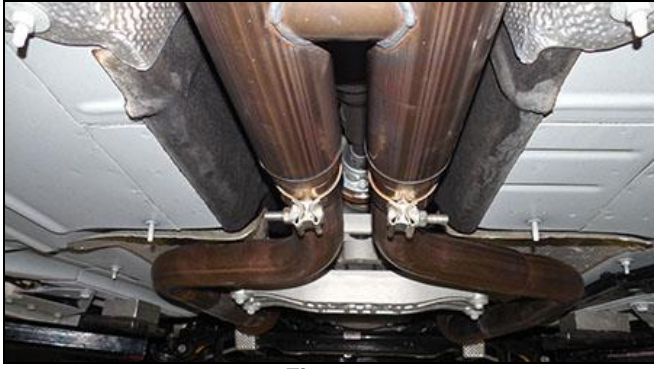


Figure 2



Figure 3

6. Install the **Right side tailpipe** into the muffler. Spray the isolators with WD-40® and install the isolators on the hangers at the back of the tailpipe (check that the mounting tab is facing the front of the car). Rotate the tailpipe up. Install the differential isolator hanger and bolt. Install the bolts for the tailpipe hangers and tighten to specification. Tighten the clamps at the muffler to allow for adjustment (**Figures 4-6**).
7. Install the **Left side tailpipe** into the muffler. Spray the isolators with WD-40® and install the isolators on the hangers at the back of the tailpipe (check that the mounting tab is facing the front of the car). Rotate the tailpipe up. Install the differential isolator hanger and bolt. Install the bolts for the tailpipe hangers and tighten to specification. Tighten the clamps at the muffler to allow for adjustment (**Figures 5-6**).
8. Check all the hardware and the connection points for proper installation. Adjust and tighten all clamps starting at the front and working towards the tailpipes.
9. Remove the jack stands and lower the car. Connect the battery and remove the wheel blocks.
10. Start the vehicle and check for leaks and loose hardware.
11. Check all hardware again after the first 150 miles of driving.

Enjoy your BlackHeart Exhaust!



Figure 4



Figure 5



Figure 6



Installed system