



**2006-2015 Mazda Miata 2.0L
P/N BH10305 - Axle-Back Exhaust System w/ Muffler**

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 HEADER exhaust system.

BEFORE STARTING:

Your vehicle must be raised a minimum of 18 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:

P/N	Qty.	Description
505R20	2	M10 x 30mm Flange Bolt
539R25	2	M10 Flange Nut
556R22	2	63.5mm Band Clamps
508R24	1	Gasket
599R94	2	Decal, BlackHeart 4" x 2"

Parts List:	
1	Muffler Assembly
2	Tip Assemblies

Tool List:	
	Metric Socket Set
	15mm Wrench
	WD-40® or equivalent

INSTALLATION:

1. Disconnect the negative cable from the vehicle battery.
2. Lift the vehicle and secure on jack stands.
3. From under the vehicle, loosen the (x2) bolts at the flanged connection point before the muffler section.
4. Spray the rubber isolators on the muffler hanger rods liberally with WD-40® or equivalent spray lube.
5. Remove the OE muffler section by sliding the isolator off of the (x4) rubber isolation mounts on the car. Leave the isolator on the muffler hanger rod for now.
6. Remove crush gasket from the flange remaining on the vehicle.

7. Transfer the isolators from the factory muffler to the Blackheart muffler hanger rods.
8. Place the Blackheart muffler into the vehicle one side at a time and slide the isolators onto the vehicle hanger rods. Spray the isolators again with W-40® if necessary.
9. Install the supplied flange gasket between the vehicle exhaust and the Blackheart muffler flange. Install the provided M10 x 30mm bolts and nuts. Tighten the hardware to allow for adjustment.
10. Align the Blackheart Axle-Back Exhaust System to the desired position and tighten the (x2) bolts at the muffler flange.
11. Install the provided 63.5mm band clamps over the tailpipes on each side of the muffler.
12. Install the provided tip assembly on to each tailpipe.
13. Slide the band clamp on to the tip assembly. Align the clamp at the edge of the tip with the bolt at the top of the pipe and the bolt facing outwards. Tighten the clamp to allow for adjustment of the tip.
14. Align the tip to the desired depth and tighten the clamp.
15. Connect the battery, start the engine, and check for leaks.
16. Re-check your work.
17. Remove the jack stands and lower the vehicle.
18. After 150 miles, re-check and tighten all bolts and clamps.

NOTE: It is normal for the Blackheart Exhaust System to emit smoke for the first few minutes during break-in period

