



**1999-2000 Mazda Miata MX-5 (NB) 1.8L-L4
Blackheart 1-5/8" 4 into 1 Header, 304SS
BH10309**

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 36 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 these instructions 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:

Qty.	P/N	Description
1	505R91	M8 x 15mm Flanged Bolt, SS
2	559R94	Decal - Blackheart 4" x 2"

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

REMOVING THE OE EXHAUST:

1. Disconnect the negative cable from the vehicle battery.
2. Lift the vehicle and secure on jack stand.
3. Starting under the car, remove (x2) 17mm head bolts, remove the cross brace, and remove the (x2) 17mm head nuts at the flange (Figure 1).

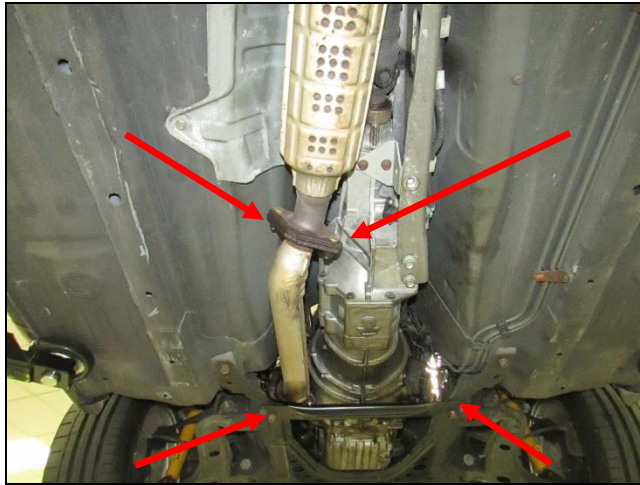


Figure 1

4. Locate the bellhousing bracket and remove the (x2) 17mm head nuts. Unplug the O2 sensor and remove (x3) 14mm head nuts at the flange. Remove the front pipe (**Figures 2 & 3**).

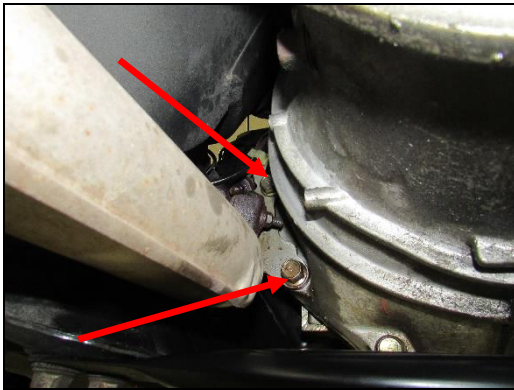


Figure 2

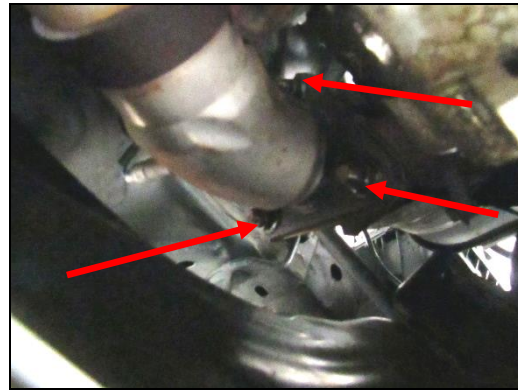


Figure 3

5. Go to the engine bay and remove the OE air box. This will give you more room to work. Remove the (x6) 10mm head bolts and heat shield off the OE manifold (**Figures 4 & 5**).



Figure 4

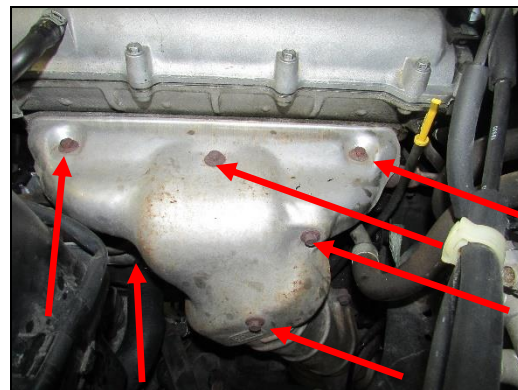


Figure 5

6. Use a 22mm wrench and remove the EGR tube from the OE manifold. Remove the (x9) 14mm head nuts and the OE manifold (**Figure 6**).

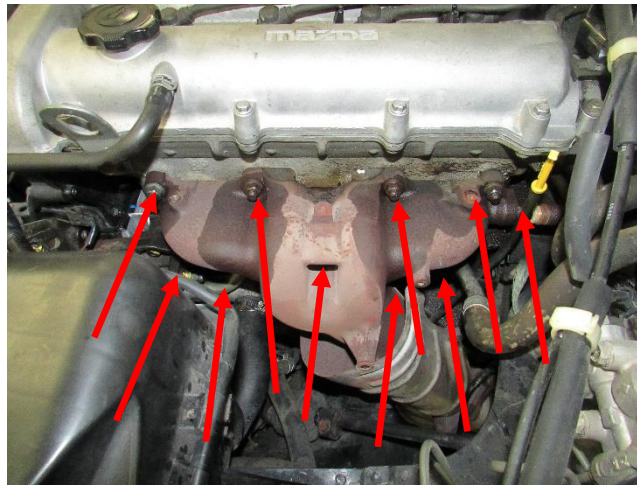


Figure 6

INSTALLATION:

1. Reuse the OE header gasket (replace if needed). Slide the Blackheart header in from the top of the engine bay.
2. Install the (x9) 14mm head nuts. Install the OE EGR tube and reinstall the OE air box (**Figures 7 & 8**).

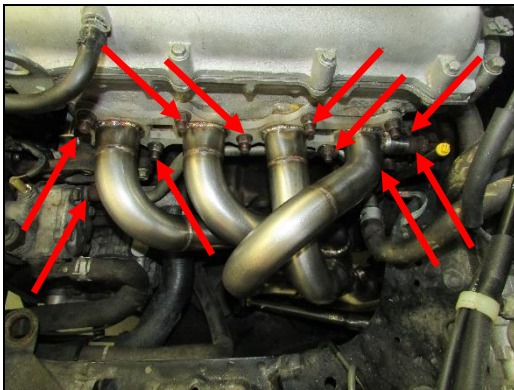


Figure 7



Figure 8

3. From under the vehicle, install the O2 sensor and OE bellhousing bracket using the supplied (x1) bolt and reuse (x2) OE bellhousing bolts (**Figure 9**).

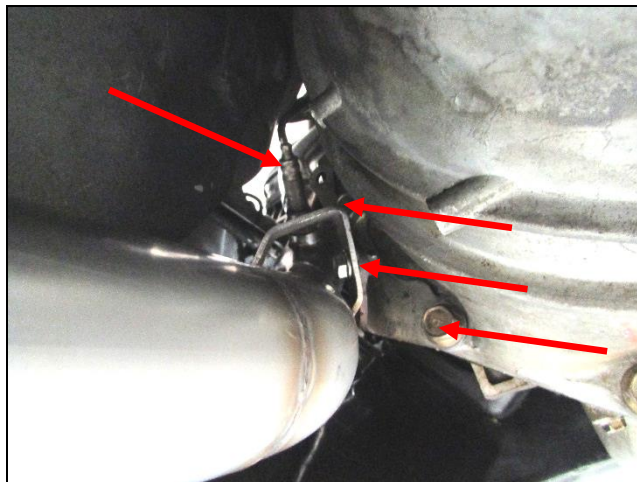


Figure 9

4. Reuse the OE gasket and (x2) 17mm head nuts (replace if needed). Install the gasket and connect the flange to the OE flange (**Figure 10**).
5. Reinstall the brace and tighten (x4) 17mm head bolts (**Figure 11**).

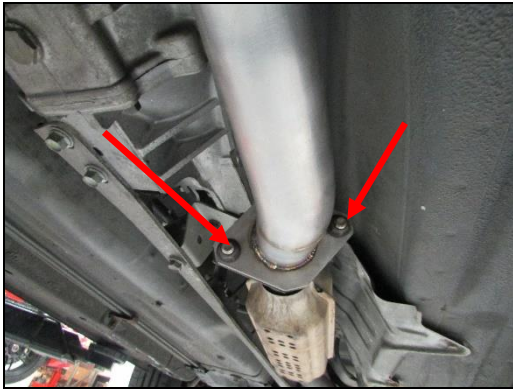


Figure 10

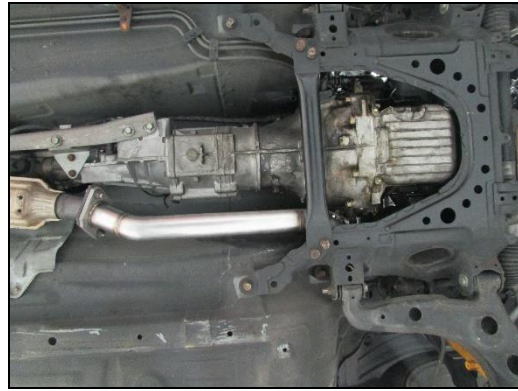


Figure 11

6. Tighten all bolts and hardware. Remove the jack stands and lower the vehicle.
7. 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.

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.

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