



Super Competition Full Length 4WD Truck Headers 9828HKR (Painted) & 9828-1HKR (Ceramic Coated) 1987-90 Jeep Wrangler (258 cid)

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 headers for your application. Due to the restricted room available in the engine compartment, your headers may be close to some body and chassis components. This condition is normal. 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 exhaust system.

WARNING! Breaking in an engine with ceramic-coated headers **WILL result in damage to the coating and will VOID all warranties.** Ceramic-coated headers require several heat cycles to fully cure before they will withstand extreme heat. Hooker® recommends using a cast iron exhaust manifold or old headers to break in new engines to avoid coating damage. Please call tech service at 270-781-9741 or 1-866-GOHOLLEY for additional information regarding ceramic-coated exhaust products.

NOTE: Will not accommodate EGR system and is recommended for racing purposes only for this model.

NOTE: 1990 models require the use of an oil pan and pickup from a 1987-89 model.

NOTE: A reducer is available with an oxygen sensor on 1980 and later models, P/N 11045HKR.

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.

CAUTION! Your car should not be supported on a bumper jack prior to installing headers, take the time to make a careful and complete inspection of both engine and transmission mounts. Replace them if they look worn or damaged, otherwise this may affect the header fitting into your vehicle properly.

PLEASE READ THOROUGHLY & CAREFULLY BEFORE BEGINNING INSTALLATION!

INSTALLATION PROCEDURE:

1. This header is not equipped with an exhaust gas recirculation (EGR) system, and the EGR fitting on the intake manifold must be plugged.
2. If your vehicle is equipped with an oxygen sensor, drill a hole through the bushing into the tube.
3. 1990 model Jeeps must use an oil pan and pickup from a 1987-89 model Jeep for correct header fit.
4. Disconnect the power steering pump and its bracket from the block. Move them out of the way.
5. Remove the intake and exhaust manifolds. Separate the intake from the exhaust manifold.
6. Starting from above, place the header gasket on the studs. Work the center section of the header down through the chassis into position over the exhaust ports #3, #4, and #5. Start, but do not tighten the stock bolts.
7. Starting from above, work the other section of the header down through the chassis into position over the exhaust ports #1, #2, & #6. Start, but do not tighten the stock nuts (with washers) on the end studs.
8. Work the intake manifold down into position, making sure that the manifold aligns properly with the head and header flange. Start the stock nuts (with washers) on the end studs.

NOTE: Due to variations in automobile manufacturing tolerances, it may be necessary to grind the half washer on the header flange in order to get them to match the height of the bosses on the intake manifold.

9. Start the remaining fasteners, but do not tighten.
10. Check the alignment between the flange sections. The top edges must all be level for the header to fit properly (Figure A).
11. Tighten all the header/intake manifold nuts and bolts evenly.
12. Replace the power steering pump. Reconnect all the carburetor lines and linkages.
13. Replace the air cleaner assembly.
14. To connect the headers to your stock exhaust system, purchase HOOKER header reducer kit, P/N 11025HKR.
15. Connect the battery, start the engine, and check for leaks. Be sure that all brake lines, fuel lines, and electrical wires have sufficient clearance.
16. When finished, give your car a test drive, checking for any new noises. After several days of driving, retighten all the bolts.

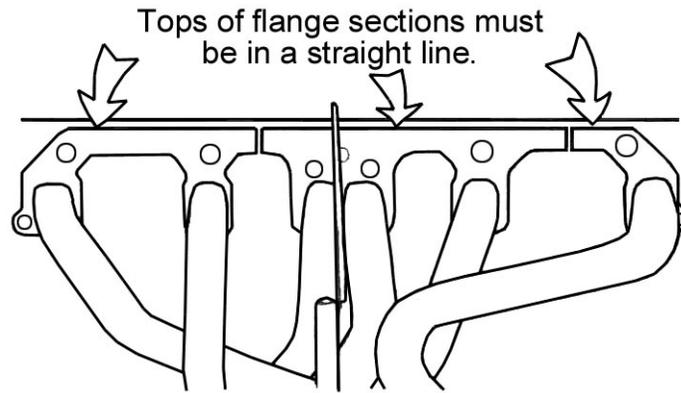


Figure A

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.

HOKKER Industries 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 states 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 nonconforming, 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 prohibit the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system unless exempted. Unless otherwise noted, HOKKER HEADERS have not received an exemption from these code sections and are not legal for sale or use in California on vehicles originally equipped with catalytic converters. It is illegal, except for racing vehicles, which may never be driven upon a highway, to remove or otherwise render inoperative any emission control device on regulated motor vehicles. Check catalog listings to ensure proper application. In the other 49 states, unless otherwise noted, HOKKER HEADERS are not legal for pollution controlled motor vehicles, except for racing vehicles, which may never be used upon a highway and are not intended or applicable for highway use.

**HOKKER TECHNICAL SUPPORT
Toll-Free Phone: 1-866-GOHOLLEY
Phone: 1-270-781-9741
Fax: 1-270-781-9772**

**For online help, please refer to the Tech Service section of our website:
www.holley.com**

**9828HKR
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