



Installation Instructions and Warranty Information

2007-2008 Jeep Wrangler



Part No. 1528S

Read all instructions carefully before attempting installation.

Installation Instructions for 2007-2008 Jeep Wrangler Part No. 1528S

NOTE: Installation of this product requires an adequate work space, general mechanic's tools, general mechanical "know-how" and a reasonable degree of experience. Most auto enthusiasts with these resources will have little difficulty installing these headers. However, you should carefully read these instructions before attempting to install these headers. If in doubt, consult a professional mechanic. (Better to do it now than to get stuck half-way through the installation.)

These instructions contemplate the removal of old components and the installation of a new exhaust system by a competent exhaust shop. Most cast iron factory manifolds mate to the exhaust pipes in approximately the same location as the JBA Headers. Thus, if you are replacing the factory manifolds and your exhaust pipes are in good shape, the modifications to be performed by a exhaust shop will be relatively minor. If you are replacing conventional headers (which typically exit under the belly near the transmission) with the JBA Headers, more extensive exhaust work will be required. These instructions cover only the installation of the JBA headers. The necessary exhaust system modifications should be left to a competent exhaust shop.

JBA uses sealing beads on all its headers. We have found that when installed correctly the raised bead around each port increases the pressure exerted on the gasket directly adjacent to the port and effectively prevents leaking gaskets. It is important when installing the header, to install all bolts loosely, then tighten evenly to ensure the flat installation of the flange. It is normal for the flange to be raised off the cylinder head the thickness of the sealing bead.

1. Disconnect Neg. battery cable from battery.
2. From underneath, remove bolts attaching exhaust pipes to manifolds.

Drivers Side-

3. Remove bolts attaching heat shields to manifold. Remove heat shields.

4. Remove bolt attaching manifold to cyl. head. Remove manifold
5. The rear two spark plug wires need to be changed. Disconnect the wires from the coil pack noting their position. Remove them from the spark plugs.
6. The wire with two 90° ends goes on the middle plug, the longer boot goes on the plug end. Route the wire under where the header will go, around to the front, and up to the coil pack. The rear wire will go on later.
7. Install header using the supplied hardware, and re-using the factory gasket. Apply a little high-temp RTV silicone to the gasket.
8. The rear plug wire can now be installed. The 45° end goes on the plug, and the wire gets routed up over one of the heater hoses, and back to the coil pack.

Passenger side-

9. The passenger side is easiest to install with the fender removed. After removing the five small bolts from the under side, and disconnecting the wire for the side light, the fender is held on with plastic "T" fasteners. The back side of the fender is not accessible to release the clips, so you have to give it a good pull. The part number for replacement clips is- 68039280AA.
10. Remove the bolts attaching the heat shield to the manifold. Remove the heat shields.
11. Remove the bolt attaching the manifold to the head. Remove the manifold.
12. Install header using the supplied hardware, and re-using the factory gasket. Apply a little high-temp RTV silicone to the gasket.
13. Apply a little high-temp, sensor-safe, RTV silicone to the flare of the exhaust pipes. Re-connect the exhaust to the headers using the hardware provided.

14. Check for adequate clearance on all fuel lines, wire looms, heater hoses, spark plug wires, etc.
15. Re-connect Neg. battery cable.
16. Start engine and check for leaks.
17. Replace fender, connect wire for side marker.
18. All headers require periodic maintenance, including re-tightening header bolts. They should be checked every 5000 miles, or when you change the oil.

Parts List:

- (1) Pair of JBA Powercables
- (1) Passenger's Side Header Assembly
- (1) Driver's Side Assembly
- (4) 3/8"-16x2" Bolts
- (4) 3/8"-16x2" Nuts
- (4) 3/8" Lock Washer
- (4) 3/8" Flat Washer

LIMITED LIFETIME WARRANTY

All products manufactured by JBA are guaranteed to be free from defects in materials and workmanship at the time of sale. All products are guaranteed to fit the intended application, provided the vehicle has not suffered structural damage or other modification*. Claims for damage occurring during shipment must be made to the carrier. JBA, at its option, will repair or replace any product found to be defective in materials or workmanship.

Failure of any JBA product while on the originally installed vehicle, will entitle the original purchaser to repair, replacement, or pro rata credit according to the following chart:

Up to 2 years from the date of purchase	JBA will repair or replace at its option
After 2 years	JBA will allow credit of 50% of the current price

Certain uses or occurrences listed below will void this warranty.

PURCHASER ASSUMES RESPONSIBILITY: JBA expressly disclaims, and the purchaser expressly assumes, responsibility for all labor related costs and any incidental or consequential damages arising from any JBA product installation or failure. JBA's liability is limited to the purchase price of the product. JBA, at its option, may refund the amount of the purchase to end a warranty claim. Labor charges incurred to install or remove the product are not covered. Damage resulting from incorrect timing, fuel system problems, clogged catalytic converters or backfire is not covered. Charges for the loss of use of vehicle, car rentals, and towing are the responsibility of the customer and are not covered. Cost of customer-applied coatings is not covered. As sound preference is subjective, sound is not warranted. Other than the warranty described herein, JBA products are sold "AS IS". No warranty terms are implied. The terms of this warranty are severable. Any provision voided by state or other applicable law shall not act to enlarge other provisions of this warranty except as expressly required by law. Catalytic converters and other products sold but not manufactured by JBA are subject to the product manufacturer's warranty only and are not warranted by JBA.

THE FOLLOWING WILL VOID THIS WARRANTY: Use of "z heat-wrap" products and/or the use of fuels
c For more information about this and other JBA products visit www.jbaheaders.com his
v repair or alteration to a JBA product not performed by JBA or its authorized agents will void this warranty.

NO FREIGHT WARRANTY: JBA does not warrant freight. The purchaser will be responsible for freight to and from JBA. Contact JBA to make a warranty claim and to receive a return authorization number. Return the product freight prepaid **along with a copy of the original purchase invoice** and a written description of the problem including the return authorization number to the address below. JBA does not accept freight-collect shipments. A product found to be defective or otherwise covered under this warranty will be repaired or replaced per the above policy and returned freight-collect.

JBA cannot assume responsibility for compliance with local law and regulations regarding smog and noise standards. Headers described as "smog legal" are warranted to be C.A.R.B. (California Air Resources Board) exempt or pending exemption approval. This warranty is extended solely to the original purchaser and for the original vehicle on which the product was installed.

JBA reserves the right to change the design, material, or specifications of any product without notice.

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* Note that certain custom headers may require different engine mounts or brackets for proper fit.

Installation Notes

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For more information about this and other JBA products visit www.jbaheaders.com