

# JBA

## PERFORMANCE EXHAUST

A PerTronix Performance Brand ~ [www.pertronixbrands.com](http://www.pertronixbrands.com) ~ 909 599-5955

### Installation Instructions & Warranty Information

1528S ~ 2007-11 JEEP Wrangler 3.8L V6

Cat4Ward® Headers



This product has been granted a California Air Resources Board (CARB) Executive Order (EO Number) Exemption. It is 50 State Legal when installed on the appropriate vehicle per the Manufacturer's Application Guide and Installation Instructions.

#### **WARNING:**

This product can expose you to chemicals including Lead, Nickel, Cadmium and Chromium which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

REV. 8 1-21-21 DSL

## ***PLEASE READ BEFORE PROCEEDING***

PerTronix® thanks you for choosing a JBA Performance Exhaust Product. To realize the potential of JBA's engineering and excellent fit, Please Read and Understand these instructions completely prior to starting the installation.

Check that you received all the parts listed on the parts list, if you have any concerns, please contact PerTronix before continuing. Headers will have the part number stamped in the flange.

Work Smart – Work Safe! Most Header and Exhaust Installation are best performed on a lift. If a lift is not available, raise the vehicle and support on quality Jack Stands on level ground. Do not rely on a jack!

We use sealing beads on all our headers. The raised bead creates a better seal virtually eliminating leaks if installed properly. It is important to install all header bolts lightly snug and then tighten to factory torque specs starting in the center and working outward.

Before starting, allow the vehicle to cool, disconnect the battery, and spray a penetrating oil on all hardware and fittings that will need to be removed. Once you remove your manifold, clean the sealing surface on the head of any old gasket debris or carbon build up.

### **INSTALLATION INSTRUCTIONS**

**NOTE:** This installation requires removal of Right Front Inner Fender, to reinstall it you will need the plastic "T" Fasteners that hold the fender on from the Jeep Dealer, part # 68039280AA

1. Place vehicle in a location where the floor is solid and flat, with adequate lighting. Do not attempt to work on a hot engine. Heat causes metal to expand and makes removal of fasteners difficult at best.
2. From underneath, remove bolts attaching exhaust pipes to manifolds.

Drivers Side:

1. Remove bolts attaching heat shields to manifold. Remove heat shields.
2. Remove bolt attaching manifold to cyl. head. Remove manifold
3. 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.
4. The new JBA 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.
5. Install header using the supplied hardware, and re-using the original gasket or a new factory gasket. Apply a little high-temp RTV silicone to the gasket.
6. 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:

1. 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, a healthy pull is required to remove the fender.
2. Remove the bolts attaching the heat shield to the manifold. Remove the heat shields.
3. Remove the bolt attaching the manifold to the head. Remove the manifold.
4. Install header using the supplied hardware, and re-using the original gasket or a new factory gasket. Apply a little high-temp RTV silicone to the gasket.

5. 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.
6. Check for adequate clearance on all fuel lines, wire looms, heater hoses, spark plug wires, etc.
15. Re-connect Negative battery cable.
7. Start engine and check for leaks.
8. Replace fender, connect wire for side marker.
9. Test drive and allow to cool down. Check all bolts and re torque as necessary.
9. 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) JBA Plug Wire Set (2 Wires) | (1) Passenger's Side Header Assembly |
| (1) Driver's Side Assembly      | (4) 3/8"-16 x 2" Bolts               |
| (4) 3/8"-16 Nuts                | (4) 3/8" Lock Washer                 |
| (4) 3/8" Flat Washers           | (12) M8-1.25 x 26mm Header Bolts     |
| (2) Header gaskets              |                                      |



440 E. Arrow Hwy.  
San Dimas, CA 91773  
(909) 599-5955

This vehicle is equipped with:  
**Dougs Headers # D66XX**  
**JBA Header # 15XXS**  
Legal for sale and installation in California  
**CARB EXECUTIVE ORDER**  
D-57-27, D-57-31

**WARNING**

This label is required to aid in passing the California smog check program. This label must be installed in an underhood location that is readily visible.

**JBA LIMITED WARRANTY**

All JBA Headers and Exhaust products are guaranteed, to the original purchaser, to be free of defects in materials and workmanship for one year. This warranty covers the replacement or repair of the product only and does not cover the cost of removal and installation, customer applied aftermarket coatings or any discoloration or corrosion of finished surfaces.

Damage or product failure resulting from collision, improper installation, off-road use, road hazards, the use of exhaust insulating wrap or like products or rust occurring after installation, is not covered by the warranty. The warranty extends only to the original purchaser.

Should a part become defective it should be returned to the original selling retailer and must be accompanied with the sales receipt. If there is no retailer in your area, call the factory for a return authorization and return your part prepaid to the factory for inspection. PerTronix reserves the rights to replace or repair the alleged defective part and return the part freight collect.