

# JBA

## PERFORMANCE EXHAUST

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

### **Installation Instructions & Warranty Information**

Chevrolet & GMC C/K Pickup & Suburban 7.4L

1822S ~ 1996-2000 W/O AIR Inj, W EGR

1822S-1 ~ 1992-95 2500/3500 C/K , All Suburban

1823S ~ 1996-2000 With AIR Inj & EGR

Cat4Ward® Headers



Note: JBA Mid Pipe 1821SY, or 1822SY is Required to install these headers

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### **PERTRONIX PERFORMANCE BRANDS EMISSIONS CODES**

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 Specified vehicle per the Manufacturer's Current Application Guide, the CARB EO, and Installation Instructions.

REV 3/2022

#### **⚠ 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. 7 5-10-22 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.

1. Raise the front of the vehicle to obtain adequate access to the bottom exhaust manifold flanges.
3. Unplug the 4 O2 Sensors from the harnesses. Remove the exhaust connector pipe by unbolting from the stock manifolds and the flange just in front of the muffler.
4. Disconnect the spark plug wires and remove the spark plugs.
5. On A.I.R. equipped trucks, remove the A.I.R. tubes from the stock manifolds.
6. On the Driver's side disconnect the EGR tube from the rear of the exhaust manifold. Remove the bolts holding the manifold to the head and remove the manifold.
7. On the Passenger Side remove the dipstick from the engine. Remove the flexible hot air tube attached to the heat riser tube. Unbolt the heat riser tube. Unbolt the manifold from the head and remove.
8. Remove the gaskets and clean the sealing surface on the heads.
9. Test fit the passenger side header. On some models, the heat shield under the passenger floor pan comes close to the collector flange. If necessary, clearance the heat shield slightly.
10. Using the gasket and hardware supplied, bolt both headers to the head. Tighten the header bolts evenly starting from the center and working out.
11. Install the EGR tube at the back of the header. On models with A.I.R. reinstall the Air Injection tubes.
12. Re-install the heat riser tube so that the tube is allowed to draw hot air from around the header.
13. 4 spark plug boots and terminals must be changed using the supplied parts. On the driver's side, the 3 forward boots must be changed. On the passenger, the second boot back must be changed.
14. Reinstall the plug wires. Reinstall the dipstick tube.
15. Check the clearance of all battery cables and wiring looms to insure that they are not too close to the headers.



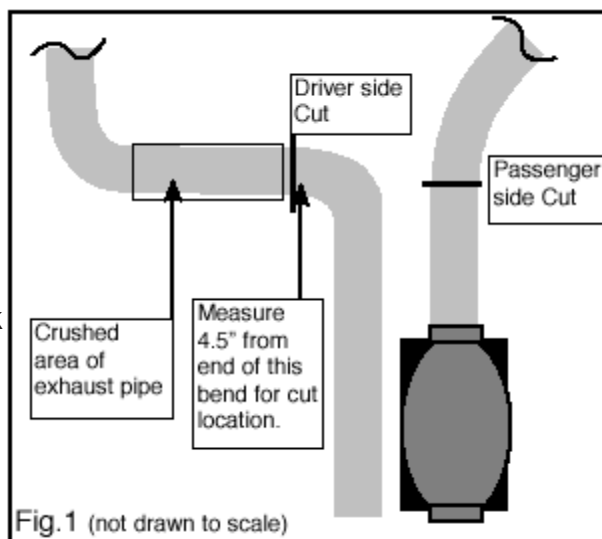
16. Refer to the illustration below. Temporarily install mid pipes on headers, carefully measure the distance from the rear converter flange (ahead of muffler) to the end of the passenger side down pipe. Add 2 inches to this measurement. Now cut the converter pipe ahead of the catalytic converter using the measurement taken (+2"). On the passenger side measure approximately 4 1/2 inches from bend and make cut. Install the converter assembly by sliding the expanded pipes over the down tubes. Check for clearance on everything. If clearance is good weld the pipes into place using MIG process. (Converter pipes are stainless steel, oxyacetylene welding is NOT recommended!) Install the converter assembly using the supplied hardware and gaskets. Reconnect all 4 O2 sensor plugs.

17. Check to make sure that all the wiring, fuel lines, transmission cooler lines, brake lines, hoses, etc. are clear of the headers or any exhaust components and reroute or relocate those components as necessary.

18. Reconnect the negative battery cables.

19. Start the engine and let it warm up, test drive. Check for leaks. Shut engine off and let it cool down. Check to make sure all fasteners are tight.

20. Periodically check and retighten the header bolts.



#### Parts List:

(1) Driver's Side Header

(16) 3/8-16 x 1" header bolts & lock washers

(4) Spark plug boots and terminals

(1) Passenger's Side Header

(2) Header gaskets

(1) CARB EO Sticker

**PERTRONIX**  
PERFORMANCE PRODUCTS

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

This vehicle is equipped with:  
**Dougs Headers # D66XX**  
**JBA Header # 10XXS**  
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.