

# JBA

## PERFORMANCE EXHAUST

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

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

Chevrolet & GMC Silverado/Sierra. Suburban 8.1

1860S ~ 2001-03 W/O AIR Inj.

1861S ~ 2001-03 W/ AIR Inj.

1860S-1 ~ 2004-06 W/O EGR

Cat4Ward® Headers

Connecting Y Pipe part # 1860SY or 1860SY-1 required for installation and to retain Emissions Compatibility



**1**

### **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. 4 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. Unbolt the exhaust system for the factory manifolds then disconnect system from the muffler assembly at the slip connection.
4. Remove the catalytic converter assemblies from the vehicle. (You may need to remove a support bracket from the side of the transmission)
5. Unbolt the EGR tube at rear of the passenger side manifold. If equipped -unbolt the air injection tubes at front of the manifolds.
6. Disconnect the spark plug wires by grasping and gently twisting the spark plug wire boots. Do not pull on the wires. Brush or blow away any debris, which may have collected around the manifolds and spark plugs. This will help prevent foreign matter from entering the combustion chambers when the manifolds are removed. Remove the spark plugs to avoid accidental spark plug breakage.
7. Unbolt and remove dipstick tube. Remove the through bolt from the steering column, and slip shaft apart.
8. Now unbolt the factory manifolds from the engine and remove them.
9. Using a small wire brush or similar instrument, clean any carbon deposits from the head surface.
10. Using the gaskets and hardware supplied, NOTE :Install gaskets dry .Do not use silicone or other sealants on Gasket. Bolt the new header to the head. Tighten the bolts even starting in the center. Where applicable, reinstall the Air Injection tubes.
11. Reconnect the steering shaft and install spark plugs.

12. 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. JBA also offers a replacement set of JBA Power Cables™ ignition wires (P/N 0860) with the correct boots for this header application.

13. You will now need to cut the catalytic converter pipes where indicated (see drawing below).

14. Connect the new JBA down pipes to the Headers using the supplied gaskets and fasteners.

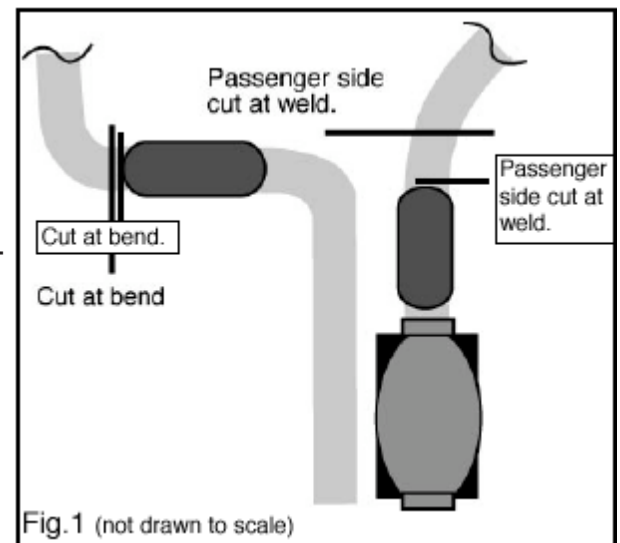
15. Temporarily re-install the catalytic converter assemblies on the vehicle. Tack weld the assemblies to the new down pipes. Remove the catalytic converter assemblies to finish welding.

16. Reinstall the catalytic converter assemblies using a small amount of O2 sensor safe RTV on the dome area. Reattach the bracket and heat shield on the transmission.

17. Recheck everything!

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

19. All tubular headers require maintenance including periodically check and retighten the header bolts.



**Parts List:**

- (1) Driver's Side Header Assembly
- (1) Passenger's Side Header Assembly
- (16) 8mm -125 x 25mm header bolts & lock washers
- (2) Header gaskets (Header to Head flange)
- (4) Spark plug boots and terminals
- (1) CARB EO Sticker



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.