



# PERFORMANCE EXHAUST

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

## Installation Instructions & Warranty Information

Chevrolet & GMC Silverado/Sierra, Yukon/Tahoe/ Denali, Suburban, Cadillac Escalade, Hummer H2 4.8/5.3/6.0/6.2

1850S	1999-01 4.8/5.3 W/O AIR inj, W/ EGR
1850S-1	1999-02 6.0 W/ EGR
1850S-3	2003-06 6.0 E/O EGR
1851S	1999-01 4.8/5.3 W/ AIR Inj & EGR



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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)

## **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. Disconnect the spark plug wires by grasping and gently twisting the spark plug wire boots.
2. Driver side: On air pump equipped vehicles remove the air tube from the manifold and slip it loose from the rubber hose at rear of engine.
3. Remove the thru-bolt from the steering shaft, and slip the steering shaft apart. Unbolt the exhaust system from the manifolds.
4. Remove the six bolts holding the exhaust manifold to the head, then remove the manifold.
5. Clean the sealing surface on the cylinder head.
6. Install the new header using the supplied gaskets, bolts, and lock washers. Apply anti seize to the threads.
7. Reinstall the spark plug wires, reconnect steering shaft, reinstall air tube (if equipped) using gasket and fasteners provided.
8. Passenger Side: Remove the air tube (if equipped), remove plug wires and set aside. Disconnect the EGR tube from the manifold if equipped, remove the bolt attaching the dipstick tube bracket to the head then remove the dipstick tube.
9. Remove the six bolts attaching manifold to head, remove manifold.
10. Clean the sealing surface on the cylinder head.
11. Install the new header using the supplied gaskets, bolts, and lock washers. Apply anti seize to the threads
12. Reconnect the EGR tube if equipped using gasket and hardware supplied.
13. Reinstall dipstick tube, spark plug wires, and air tube (if equipped).
14. Apply a thin coat of sensor safe high temp silicone to the dome on the collector. Using the supplied fasteners, reconnect the factory exhaust to the headers using the supplied gasket on the driver's side.
15. 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. Retorque after 100 miles. Periodically check and retighten the header bolts.

**Parts List:**


- |  |  |
|--|--|
| (1) Passenger side Header Assembly                           | (1) Driver side Header Assembly              |
| (2) Head flange gaskets                                      | (13) 8mm header bolts                        |
| (13) 8mm lock washers  | (3) 3/8-1-1/2 "collector bolts (driver side) |
| (3) 3/8-2 "collector bolts (passenger side)                  | (6) 3/8 lock washers                         |
| (6) 3/8 nuts   | (1) CARB EO Sticker                          |
| (1) Passenger side collector gasket for PN 1850S-1 &1850S-3) |  |

**For use on air injection equipped vehicles**

- (4) 1/4-1 "bolts
- (4) 1/4 lock washers
- (4) 1/4 nuts
- (2) Air tube gaskets

**For use on EGR equipped vehicles**

- (2) 5/16-1 "bolts
- (2) 5/16 lock washers
- (2) 5/16 nuts
- (1) EGR tube gasket

 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

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**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.