



(913) 808-2376

Installation Instructions & Warranty Information

1817S-3 ~ 97-99 5.7L LS-1/LS-6

1817S-4 ~ 2000 5.7L LS-1/LS-6

1817S-5 ~ 01-04 5.7L LS-1/LS-6/Z06

Corvette Cat4Ward® Headers



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

REV. 10 11-8-24

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. Unplug the O2 sensors from the stock manifolds. From underneath, unbolt the catalytic converter assembly from the factory exhaust manifolds.
2. Remove the oil filler cap and the remove the plastic engine covers by pulling upward from the bottom edge and sliding past the braided fuel line. Remove the spark plug wires, and spark plugs.
3. Remove the rubber hose from the A.I.R. tubes, unbolt the A.I.R. tube fittings from the manifolds.
4. Unplug the connectors from the coil packs, remove the coils and brackets from the valve covers.
5. Remove the bolts attaching the manifolds to the heads. Loosen the motor mount to chassis bolts. Place a block of wood under the drivers side of the oil pan and jack that side of the motor up 2-3" and remove the manifold from the bottom (It may be necessary to remove the alternator to get the manifold out). Lower the motor and repeat for the pass side. Lower the motor and tighten the bolts.
6. Remove the gaskets and clean the sealing surface on the cylinder head.
7. Remove the O2 sensors from the factory manifolds and swap them into the new JBA Headers. Apply a small amount of anti-seize compound to the threads of the O2 sensor before installing.
8. Apply a small amount of anti-seize to the threads of the supplied header bolts. From above, install the new JBA Headers using the supplied bolts, lock washers and gaskets. Tighten evenly working from the center out.
9. Re-install the spark plugs, and plug wires. Reinstall coil packs. Attach coil connectors. Reconnect O2 sensor connectors.
10. Using the supplied gaskets and bolts, re-attach the A. I. R. tubes to the headers.
11. Apply a small amount of hi-temp, sensor safe, RTV silicone sealant on the flare of the exhaust pipes. Reconnect the catalytic converter assembly to the headers using the provided fasteners .

12. 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 as necessary. 14. Install the engine covers and reconnect the battery cable.

13. 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.

14. After approximately 100 miles check and retighten the header bolts. Header bolts can loosen with time, recheck and tighten periodically.

Parts List:

(1) Driver's Side Header Assembly	(6) 3/8-16 Nuts
(1) Passenger's Side Header Assembly	(6) 3/8" Lock Washers
(12) 8mm -1.25 x 25mm Header bolts	(2) A.I.R. Tube gaskets
(2) Header gaskets	(4) 8mm -1.25 X 25 Bolts
(6) 3/8" Collector bolts	(10) CARB EO Sticker



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

This vehicle is equipped with:
Douglas 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.