



PERFORMANCE EXHAUST

A PerTronix Performance Brand ~ www.pertronixbrands.com ~ 909 599-5955

Installation Instructions & Warranty Information

6819S ~ 2005-09 Corvette 6.0L/6.2L

Long Tube Race Headers



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This product is **ILLEGAL** for street or off highway use and is only intended for Closed Course Competition use and may never be operated on the street or for off highway use, except for 1965 and older US manufactured, California Certified vehicles; 1967 and older foreign manufactured vehicles, which may have this product installed as long as the vehicle still meets emissions standards for the year of the vehicle and retains any original or retrofit emissions control devices, including EGR, A.I.R. and any NOx device required for the year of the vehicle.

⚠ 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. 7 2-9-21 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.

This Installation requires Welding - read Instructions before proceeding

1. From the bottom side of the car, unbolt the catalytic converter assembly from the factory exhaust manifolds and unplug the forward O2 sensors.
2. From above, remove the engine covers by tugging them up on their lower edge, and slipping the left side clear of the braided line. Remove the right side by unscrewing the oil cap and then tug up on the lower edge. Remove the spark plug wires, and spark plugs.
3. Now unplug the gang connectors from the coil packs and unbolt the metal coil pack brackets from the valve covers.(5 bolts each)
4. Loosen the serpentine belt. Remove the two bolts holding the alternator in its mount. Lift the alternator up and swing it toward the center of the engine - out of the way. Remove the dipstick.
5. Remove the bolts attaching the manifolds to the heads (6 each side). Then remove the manifolds from the car.
6. Starting on the driver side, remove the lower nut from the driver side motor mount (see picture) raise the left side of the engine approximately 1". Install the new JBA header from above using the supplied gasket and hardware. With header installed, lower the engine and reinstall the lower nut in driver side motor mount.
7. On the passenger side remove the lower nut on the passenger side motor mount and raise the passenger side of the motor approximately 1". Remove the two bolts from the starter and let the starter rest on the oil pan shelf. Install the new JBA header from above using the supplied gasket and hardware but leave a little loose. Reinstall the starter then tighten header fasteners. Lower the engine and re-secure the motor mount. Re-install the dipstick.
8. From above, install the new JBA Headers using the supplied bolts, lock washers and gaskets, Apply a small amount of anti-seize to the threads of the bolts before installing. Tighten the bolts evenly working from the center out.
9. Re-install the spark plugs, and plug wires. Reinstall coil packs, attach gang connector. Reconnect O2 sensor connectors.

10. 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) Use the supplied O2 Harness extensions.
11. Remove the two bolts attaching the exhaust brace to the bell housing.
12. Cut the exhaust pipes ahead of the catalytic converters forward of the weld. Position the starter tubes and weld in to place. *Remove the bolts from the forward exhaust hanger and lower the exhaust to gain access to weld the top of the cat.
13. Recheck Everything! Check for adequate clearance everywhere on brake lines, etc.
14. Reconnect the battery cable and install engine covers.
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.
16. Periodically check and retighten the header bolts.

Parts List:

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|-------------------------------------|--------------------------------------|
| (1) Driver's Side Header Assembly | (1) Passenger's Side Header Assembly |
| (12) 8mm - 1.25 x 25mm Header bolts | (2) Header gaskets |
| (2) O2 Harness Extensions | |

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.