



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

Installation Instructions & Warranty Information

#H8046 ~ 1955-1957 Chevrolet
LS Engine Swap



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PERTRONIX PERFORMANCE BRANDS EMISSIONS CODES

This product is Legal for use on Pre-Pollution Controlled Vehicles. It is legal for use on all vehicles produced Before Emissions Control Regulations were imposed. These are considered Uncontrolled Vehicles and are defined as follows;

- 1965 and Older US Manufactured California Certified Vehicles
- 1967 and Older US Manufactured Federally Certified Vehicles
- 1967 and Older Foreign Manufactured Vehicles

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. 5 5-16-22 DSL



PLEASE READ BEFORE PROCEEDING

PerTronix® thanks you for choosing a Patriot Exhaust Product. To realize the potential of Patriot'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!

Many factors affect the installation of exhaust headers, including worn or aftermarket motor mounts, previous accident damage, aftermarket cylinder heads that may have relocated port or spark plug locations, suspension and steering changes, sagging of original unibody structures due to age.

Coating Notes: Coatings can be marred during installation if you are not careful. If you are breaking in a new motor, the extreme heat can alter the appearance of the coating and this is not a warranty issue. We recommend breaking in new motors with stock manifolds or an old set of headers.

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.

DISASSEMBLY

1. Remove bolts attaching Catalytic converters to stock manifolds.
2. Remove the Cats from the car
3. Unplug the forward O2 sensors from the harness.
4. Remove the spark plug wires and spark plugs.
5. Remove the 6 manifold bolts from each manifold.
6. Remove the manifolds from the car. Remove the gaskets and any gasket material or any carbon deposits that remain on the heads

INSTALLATION

1. Remove the O2 Sensors from the stock manifolds and install them into the Patriot Headers. Use a small amount of Anti Seize on the threads; be careful not to get any on the probe as this can contaminate the sensor causing poor running and decreased performance.
2. Install the right side header and gasket using the supplied bolts and washers. Use Anti Seize on the bolts. Torque to 13 lbs/ft. Tighten the center two bolts first and then work your way out.
3. Install the left side header and gasket using the supplied bolts and washers using the anti seize in the same manner as the right side.
4. Install the spark plug wires and O2 sensor connector.
5. Bolt the reducers to the collectors using the supplied gaskets, and hardware.
6. If you are retaining the Cats, weld them to the supplied reducers, otherwise weld your exhaust system to the reducers.
7. Connect the negative battery cable.



IMPORTANT CHECK LIST

- Be sure that all brake lines, transmission lines, and fuel lines are clear of headers and/or connector pipes.
- All spark plug wires, battery cables, or other electrical components should be clear of headers and/or connector pipes.
- If dipstick tube was removed, make sure it is installed properly and that the dipstick has been replaced.
- Double-check the tightness of all bolts including brackets and accessories.

START THE ENGINE

Start the engine and allow it to warm up to operating temperature. Check for any unusual noises or exhaust leaks. If everything is OK, stop the engine and tighten all bolts while the engine is still warm. **NOTE:** Check the bolts periodically to make sure they have not loosened. Re-tighten after the first 500 miles and then again at 1000 miles

Parts List

1 Left side header	2 Reducers
1 Right side header	2 Collector Gaskets
2 Header gaskets	12 8mm-1.25 x 25mm, header bolts
1 O2 Sensor Plug	6 3/8" X 1 1/4" Collector Hex head bolts
6 3/8-16 Hex Nuts	

PATRIOT EXHAUST LIMITED WARRANTY

All Patriot Headers and Exhaust products are guaranteed, to the original purchaser, to be free of defects in material and workmanship for one year from date of purchase. This warranty covers the replacement or repair of the product and does not cover the cost of removal and installation, customer applied 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 rust occurring after installation is not covered by the warranty. This warranty extends only to the original purchaser.

Should a part be deemed defective, it should be returned to the original selling retailer and must be accompanied by the sales receipt. If there is no retailer in your area, contact PerTronix direct for a return authorization and return the part prepaid to the factory for inspection. PerTronix reserves the right to replace or repair the alleged defective part and return the part freight collect.

