

PATRIOT

EXHAUST PRODUCTS

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

Installation Instructions & Warranty Information

H8476 ~ 86-93 Ford Mustang 5.0

Emissions Legal Headers



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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

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. Unbolt head pipes from stock exhaust manifolds.
2. Remove spark plug wires, spark plugs, and the stock exhaust manifolds.
3. Remove the engine oil dipstick and tube.
4. Loosen H-Pipe at the rear joint (muffler end) to ease the header installation.
5. Remove the gaskets and any gasket material or any carbon deposits that remain on the head surface.



ASSEMBLY

1. Starting from above, work the left side header down into place. Note: It may be necessary to raise the motor on this side to facilitate installation. If so, place a board between the jack and the oil pan and raise the motor slightly.
2. Apply anti-seize to all header bolts being used. Start all of the header bolts for this header but leave header loose.
3. Lower the engine into place and reinstall the engine mount nuts, tighten accordingly.
4. Modify the dipstick tube bracket as shown in Figure 1.
5. Re-install engine oil dipstick tube and dipstick.
6. Install 2 bolts from exhaust system to the header using the supplied 7/16" bolts and nuts and tighten them evenly.
 - a. Note: On stick shift models, it will be necessary to move the clutch cable away from the header. This can best be accomplished by bending the mounting bracket towards the fender. Be sure cable has at least 1" of clearance from the header.
7. Starting from above, work the right-side header down into place.
8. Apply anti-seize to all header bolts being used. Start the header bolts for this header but leave header loose.
9. Install supplied smog tube mounting bracket (in place of stock one) over R-4 tube.
10. Reinstall stock smog tube to bracket with stock screw.
 - a. Note: When moving the smog tube to its new location it will require the rubber hose connecting it to be bent and trimmed. If this cannot be accomplished without severely kinking the hose, replace it with a 90° hose such as Gates #20333 or equivalent.
11. Install 2 bolts from exhaust system to the header using the supplied 7/16" bolts and nuts and tighten them evenly.
12. Tighten H-Pipe at rear joint.
13. Tighten the header bolts evenly starting from the center out.
14. Make sure all of the other fasteners are tightened.
15. Reinstall spark plugs and plug wires.
16. 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.

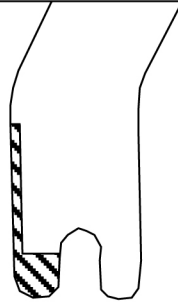
START THE ENGINE

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



Figure 1

Trim Off
Shaded Area



DIPSTICK TUBE BRACKET



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

This vehicle is equipped with:

Dougs Headers # D66XX

J&A Headers # 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.

Parts List

1 Right Side Header	1	Left Side Header
2 Header Gaskets	1	Smog Tube Mounting Bracket
1 CARB EO Sticker	16	3/8"-16 X 3/4" Header Bolts
2 3/8"-16 X 1" Header Bolts	4	7/16-14 X 2-1/4"
4 7/16-14 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.