



A PerTronix Performance Brand ~ www.pertronixbrands.com ~ 909 599-5955
Installation Instructions & Warranty Information
D627 ~ 1967-70 Ford Mustang/Mercury Cougar 390-428
Long Tube Headers



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PERTRONIX PERFORMANCE BRANDS EMISSIONS CODES

This Product Is considered a Replacement Part per CARB and EPA regulations for emissions compliance and is legal for sale and use on specified vehicles in all 50 states as stated in Manufacturer's Application Guide 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. 6 5-9-22 DSL

PLEASE READ BEFORE PROCEEDING

PerTronix® thanks you for choosing a Doug's Headers Product. To realize the potential of Doug's Headers 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.

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.

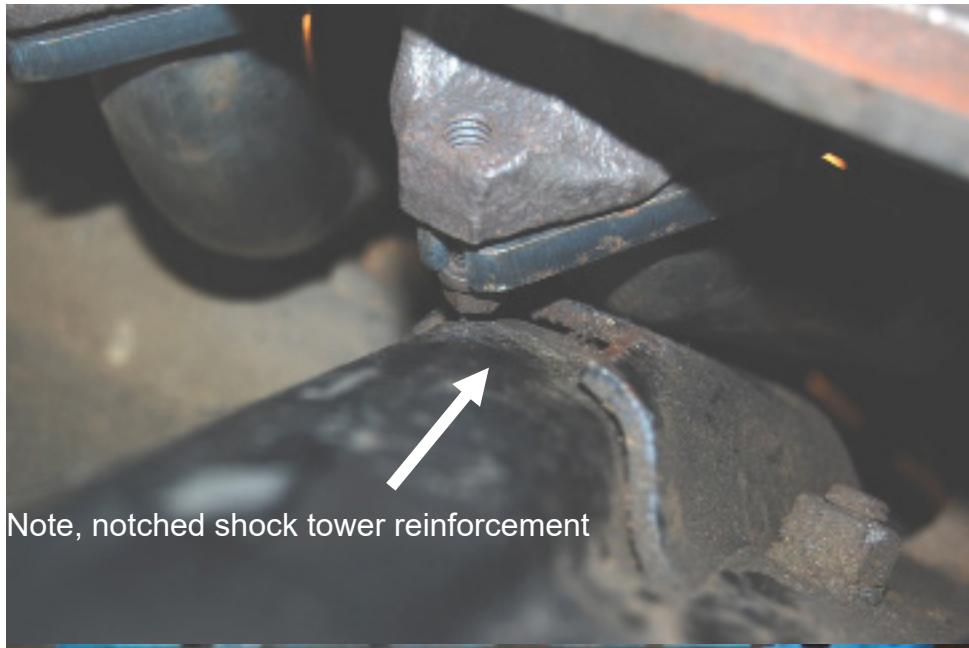
Work Smart – Work Safe! Most Header and Exhaust Installation are best performed on a lift. If a lift is not available, raise the vehicle and support on quality Jack Stands on level ground. Do not rely on a jack!

DISASSEMBLY

1. Remove bolts attaching stock manifolds to the head pipes.
2. Remove spark plug wires and spark plugs.
3. Remove the Oil Filter.
4. Remove the manifold bolts from each manifold.
5. Remove the manifolds or old headers from the car.
6. Remove the gaskets and any gasket material or any carbon deposits that remain on the head surface.

INSTALLATION

1. The #1 header tube on each side has a two bolt connector and the header flange has been cut almost all the way through. We have done this to ease installation. In some applications it is easier to cut the flange the remainder of the way and separate these tubes to be installed individually.
2. The #4 header tube, which is the cross over is also cut almost all the way through at the flange. These should be cut at the flange to separate and ease installation.
3. Once the header flanges have been cut, ease the main header into position from below. This is a VERY tight fit and needs to be finessed in order to install. We recommend removing the motor mounts and supporting the motor from below to allow the header to slip into place.
4. Once you have the main header in place, insert the header gasket and install a couple of bolts to support the header. We have included two header bolt lengths to help with tight fitments. Repeat for the opposite side.
5. The # 1 tube (if removed) and the #4 tube on each side can now be fed into place and bolted to their respective 2 bolt connector flanges and to the cylinder head.
6. Install all remaining bolts, with lock washers, and tighten evenly.
7. Reinstall motor mounts and double check clearances.
8. Reinstall spark plugs and wires, oil filter, and re-connect the negative battery cable.



Note, notched shock tower reinforcement



Driver's side clearances



Passenger's side clearances



Installation in two different cars for reference.



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	1	Right side header
2	Header gaskets	4	2 bolt flange gaskets
24	3/8-16 X 1" header bolts	16	3/8-16 X 3/4" header Bolts
32	3/8" Header Lock-washer	14	3/8-16 x 1 1/4" Collector Hex head bolts
14	3/8-16 Hex Nuts	14	3/8" Lock washers

DOUG'S HEADERS LIMITED WARRANTY

All Doug's 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.