



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

Installation Instructions & Warranty Information

1621S ~ 79-85 5.0L Mustang

1624S-2 ~ 86-93 5.0L Mustang/Cobra & 86-88 Thunderbird
Cat4Ward® Headers



1

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 appropriate vehicle per the Manufacturer's Application Guide and Installation Instructions.

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 1-21-21 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.

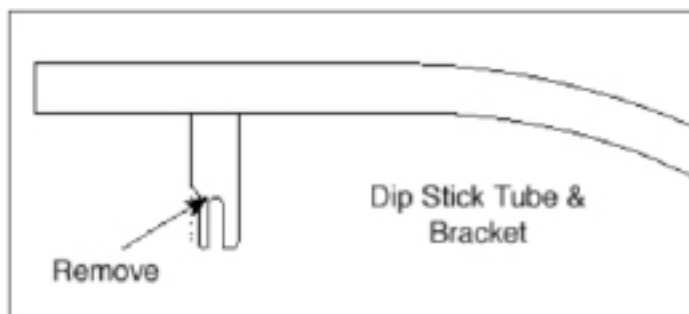
Work Smart – Work Safe! Most Header and Exhaust Installation are best performed on a lift. If a lift is not available, raise the vehicle and support on quality Jack Stands on level ground. Do not rely on a jack!

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.

DISASSEMBLY

1. Unbolt the H-Pipe assembly from the collector flanges of the factory headers. Insure that no pressure is placed on the O2 sensor wires, disconnect if necessary. The H-Pipe does not need to be removed.
2. Unbolt the dipstick tube bracket from the engine and remove the dipstick tube. Unbolt the engine lift brackets and discard.
3. Unbolt the Driver's side exhaust manifold and remove. Remove the gaskets and any gasket material or any carbon deposits that remain on the head surface. Clean excess carbon deposits from the H-Pipe mating flange.
4. It may be necessary to grind the Oil Dipstick tube mounting tab to clear the header tube. See Illustration below. Once it is clearanced, insure that it is clean, apply a small amount of sensor safe silicone around the end of the tube where it slip into the block and reinstall the tube.



5. From above, slip the header into position. Slide the gasket into place and install the supplied header bolts and lock washers. Anti seize is recommended on aluminium heads. Tighten the bolts starting from the center and working out.
6. Remove the passenger side EGR tube from the stock manifold. Unbolt the passenger side manifold and remove. Remove the gaskets and any gasket material or any carbon deposits that remain on the head surface. Clean excess carbon deposits from the H-Pipe mating flange.

7. From above, slip the header into position. Slide the gasket in to place and install the supplied header bolts and lock washers. Anti seize is recommended on aluminium heads. Tighten the bolts starting from the center and working out. Use the 3/8" X 2" bolt with the spacer in the rear most header bolt hole. The EGR Tube tab will bolt to this bolt to space the tube out from it's original location.
8. Apply a light coating of Sensor Safe Hi Temp Silicone to the collector dome on both headers. Install the supplied collector bolts into the collector flange holes from the topside. Have an assistant hold a wrench on the bolt head from the topside when putting the nuts on and tightening from the bottom side. The procedure is the same for both sides.
9. Reinstall the spark plug wires and looms taking care not to let any wires rest against the headers.
10. Reinstall the negative battery cable.
11. Check that all bolts are tight. Make sure that all wiring, fuel lines, transmissions lines, brake lines etc are clear of the headers and the exhaust and relocate as necessary.
12. 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

Parts List:

- | | |
|--------------------------------------|--|
| (1) Driver's Side Header Assembly | (1) 3/8 "x 2 "header bolt &lock washer |
| (1) Passenger's Side Header Assembly | (1) 1 "tubular spacer |
| (15) 3/8 "x 1 "header bolts | (4) Collector Bolts & Nuts. |
| (15) 3/8 Lock washers | (2) Header gaskets |
| (1) CARB Sticker | (2) JBA Stickers |



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

This vehicle is equipped with:
Dougs 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.