



# PERFORMANCE EXHAUST

A PerTronix Performance Brand ~ [www.pertronixbrands.com](http://www.pertronixbrands.com) ~ 909 599-5955

## Installation Instructions & Warranty Information

Ford Ranger/Explorer/Sport Trac 4.0L SOHC V-6

1674S ~ 2000-2011 Passenger Side EGR

1674S-1 ~ 1997-2011 Driver Side EGR

1674S-2 ~ 2003-2011 No EGR

Cat4Ward® 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](http://www.P65Warnings.ca.gov)

## **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.

1. From underneath the vehicle, loosen the bolts connecting the exhaust system to the exhaust manifolds. Move the exhaust system back about 1/2" to gain workspace.
2. If Equipped, remove the EGR connection from the stock exhaust manifold. Depending on model, this could be on either the Driver or Passenger side.
3. Remove Oil Dipstick Tube, it is bolted to the cylinder head on the driver's side. Take care not to damage O Ring at the bottom of the tube.
4. Unbolt the bracket and cable from the passenger side, above the exhaust manifold. Retain the larger bolt for reuse.
5. Unbolt both the Driver's and Passenger's side exhaust manifold and remove. Remove the gaskets and any gasket material or carbon deposits that remain on the head surface. The use of a gasket removal agent will ease the removal of any gasket material. Use care not to get debris into the exhaust ports.
6. The Oil Dipstick needs to slide through the header and into the block as you install the Drivers Side header. On models with the EGR on the drivers side, loosely thread the EGR tube into the header before bolting the header to the head. Apply a small amount of anti seize to the supplied Header Bolts and start all the headers bolts with lock washers. Tighten the bolts starting from the center and working out.
7. Tighten the EGR Tube if applicable and tighten the Oil Dipstick bolt.
8. Slip the Passenger side header into position from inside the wheel well. On models with the EGR on the Passenger side, loosely thread the EGR tube into the header before bolting the header to the head. Apply a small amount of anti seize to the supplied Header Bolts and start all the headers bolts with lock washers. Tighten the bolts starting from the center and working out.
9. Tighten the EGR Tube if applicable.

10. Re-attach the cable and bracket on top of the header using the (1) original bolt and the (2) additional bolts supplied with this kit. 13. Apply a thin coating of high Temp, Sensor Safe Silicone Sealant to the collector domes and re-connect the exhaust system to the new headers using the hardware provided.

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. Reconnect the negative battery cable.

13. Start the engine, check for leaks and test drive. Then let engine cool and then re-torque the header bolts.

14. Periodically check and retighten the header bolts.

Parts List:

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| (1) Driver Side Header            | (13) 8mm Lock Washers            |
| (1) Passenger Side Header         | (4) 3/8 -16 x 2" Collector Bolts |
| (2) Header Gaskets                | (4) 3/8-16 Collector Nuts        |
| (13) 8mm 1.25 x 25mm Header Bolts | (1) 6mm x 25mm bolt              |
| (1) CARB EO Sticker               |                                  |

 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

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**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.