



Installation Instructions & Warranty Information

1670S ~ 2005–2010 Ford Super Duty Truck/Excursion

Triton V-10 6.8L

Cat4Ward® Headers



	<p>PERTRONIX PERFORMANCE BRANDS EMISSIONS CODES</p> <p>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.</p> <p>REV 3/2022</p>
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⚠ 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

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. Start by removing the factory y-pipe. Unbolt the y-pipe from the rest of the exhaust system and the stock manifolds and disconnect the O2 sensors.
2. Next, loosen the EGR tube from the driver side manifold.
3. Remove the nuts attaching the manifolds to the heads. Remove the manifolds. Now remove the studs from the heads.
4. Remove the dipstick by unbolting the factory bracket.
5. Using a scraper remove all carbon deposits and high spots from head surface, use care not to gouge the aluminum heads.

Passenger Side:

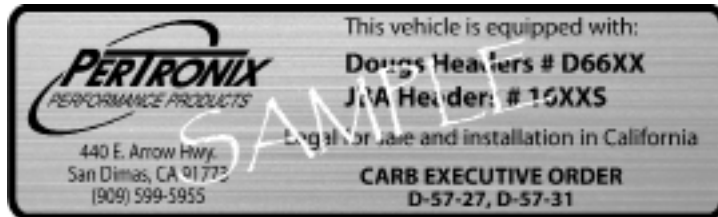
6. From underneath slide the header into place and install using the supplied gasket and hardware. Use Anti Seize on the header bolts. Tighten evenly from the center out.

Driver Side:

7. Slide the dipstick through the header into the hole in the block. Make sure it is seated well. Loosely attach the EGR tube. Using the supplied gasket and hardware install the header and tighten evenly from the center out. Now tighten the EGR tube and dipstick bracket.
8. Apply a small amount of Hi-temp RTV (sensor safe) around the exhaust pipe flares. Reinstall the factory y-pipe using the supplied hardware. Then reconnect the O2 sensors.
9. Recheck everything. Make sure there is adequate clearance on all lines (vacuum, brake, A/C, fuel)
10. Reconnect the battery cables.
11. Start the engine, check for leaks and test drive. Then let engine cool and then re-torque the header bolts.
- 12 Periodically check and retighten the header bolts.

Parts List:

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|-------------------------------------|------------------------------------|
| (1) Driver Side Header Assembly | (1) Passenger Side Header Assembly |
| (2) Header gaskets | (4) Collector Bolts & Nuts. |
| (20) 8mm x 25mm Bolt w/lock washers | (1) CARB EO Sticker |



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.