



PERFORMANCE EXHAUST

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

Installation Instructions & Warranty Information

1675S ~ 2005-10 Ford Mustang GT 4.6L 3v V-8

Cat4Ward® Headers



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

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. Loosen the clamps at the rear of the exhaust to H-Pipe connection.
2. Disconnect all 4 O2 Sensor plugs. Unbolt the exhaust flanges to stock manifolds and remove the H Pipe.

Driver side-

3. Remove the lower bolt from the steering shaft coupler at the power steering rack. Remove the bolt attaching the rack to the frame on the driver's side. Loosen the same bolt on the passenger side. Loosen from the bolt side, the nuts are welded to the crossmember. Slide the rack forward on the driver's side approximately 1" removing the steering shaft coupler from the rack as you do. Do not rotate the steering shaft more than 180 degrees.
4. If so equipped, remove the strut brace from the engine compartment. Place a jack with a board between the jack and the oil pan to support the motor. Remove the nut that holds the engine mount to the rubber isolator. Remove the four bolts from the engine mount on the side of the block on the drivers side. Raise the engine approximately 1"
5. Remove the heat shield from the stock manifold. Remove the nuts attaching the manifold to the cylinder head. Remove the factory manifold. Remove the O2 sensor from the manifold.
6. Remove the exhaust manifold studs from the cylinder head. Remove the dip-stick.
7. Apply a small amount of anti seize to the O2 sensor and install in the drivers side header. Apply a small amount of anti seize to the supplied header bolts. Place the JBA Gasket on the cylinder head using the top front & rear bolt holes and the supplied header bolts and washers. Leave the bolts loose to slide the header in place. Slip the header into place and install the remaining bolts and washers. Tighten the headers bolts evenly starting from the middle and working your out.
- 18 Re-install the dipstick. You may have to bend it slightly to feed it between the header tubes.
9. Reconnect the steering coupler as you move the rack back into place. Replace the mounting bolt and tighten both bolts securely. Lower the engine, replace the motor mount bolts and tighten.

Passenger side-

10. Place a jack with a board between the jack and the oil pan to support the motor. Remove the nut that holds the engine mount to the rubber isolator. Remove the four bolts from the engine mount on the side of the block on the drivers side. Raise the engine approximately 1”

11. Unbolt and remove the manifold. Remove the bolts attaching the starter, then swing starter out of the way.

12. Remove the studs from head. Place the JBA Gasket on the cylinder head using the top front & rear bolt holes and the supplied header bolts and washers. Leave the bolts loose to slide the header in place.

13. From below, slip the header into place and install the remaining bolts and washers. Tighten the bolts working from the center out.

14. Reinstall the starter. Lower the engine, replace the motor mount bolts and tighten.

15. Re-connect the stock H Pipe, or install a JBA High Flow H Pipe, and re connect the O2 sensors.

16. Check to make sure that all the wiring, fuel lines, transmission cooler lines, brake lines, hoses, etc. are clear of the headers or any exhaust components and reroute or relocate those components as necessary.

17. Install the battery tray and battery. Install the Strut brace is removed. Re connect the battery. Start the car, check for leaks and test drive. Let the motor cool down and re-torque all fasteners.

18. Header bolts can become loose in normal use, periodically check and retighten as necessary.

19. Reconnect the battery.

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

21. Periodically check and retighten the header bolts.

Parts List:

| | |
|--------------------------------------|-----------------------------------|
| (1) Driver's Side Header Assembly | (4) 3/8-16 x 2.5 "Collector Bolts |
| (1) Passenger's Side Header Assembly | (4) 3/8-16 Nuts |
| (16) 8mm Header Bolts | (4) 3/8" Lock Washers |
| (16) 8mm Lock Washers | (2) Header Gaskets |
| (1) CARB EO Sticker | |



440 E. Arrow Hwy.
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This vehicle is equipped with:

Dougs Headers # D66XX

JBA 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.

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.