

JBA

PERFORMANCE EXHAUST

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

Installations Instructions & Warranty Information

1618S ~ 2011-17 Ford Mustang 3.7 V6

Cat4Ward® Headers



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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. 6 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.

Installation:

1. Disconnect all 4 O2 Sensor plugs. Removal of the air cleaner box will make it easier to remove and install the drivers side.
2. Remove the bolts that attach the catalytic converter pipes to the stock manifolds

Driver side-


1. Remove the exhaust manifold nuts and remove the exhaust manifold, It should come out from the top without much trouble. Remove the O2 sensor from the manifold.
2. Remove the exhaust studs from the head. These are a Torx head.
3. 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. We recommend that you put a bead of High Temp Sensor Safe Silicone around the sealing dome on the collector. Slip the header into place from the top and using the JBA gasket and supplied header bolts and star washers, install the header to the cylinder head. Tighten the header bolts evenly a small amount at a time working from the center out.

Passenger side-

1. Remove the exhaust manifold nuts and remove the exhaust manifold, It should come out from the top without much trouble. Remove the O2 sensor from the manifold.
2. Remove the exhaust studs from the head. These are a Torx head.
3. 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 and star washers. We recommend that you put a bead of High Temp Sensor Safe Silicone around the sealing dome on the collector. Slip the header into place from the top and using the JBA gasket and supplied header bolts, install the header to the cylinder head. Tighten the header bolts evenly a small amount at a time working from the center out.
4. Re-connect the stock cat pipes and re connect the O2 sensors using the supplied 3/8-16 x 2.5" bolts, flat washers, locks washers and nuts. Tighten to 24 lbs. ft.

5. 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.
6. Reinstall the Air Box. Re connect the battery. Start the car, check for leaks and test drive. Let the motor cool down and re-torque all fasteners.
7. Header bolts can become loose in normal use, periodically check and retighten as necessary.
8. Reconnect the battery.
9. Start the engine, check for leaks and test drive. Then let engine cool and then re-torque the header bolts.
10. Header bolts can work loose with normal driven through the heat cycles, periodically check and retighten the header bolts as necessary.

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
(12) 8mm Header Bolts	(4) 3/8" Lock Washers
(12) 8mm Star Lock Washers	(4) 3/8" Flat washers
(2) Header Gaskets	(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.