

# JBA

## PERFORMANCE EXHAUST

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

### *Installation Instructions & Warranty Information*

6616S ~ 1965-73 Ford Mustang W/351W

1 3/4" Long Tube Headers



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This product is legal for use on 1975 and older Non-Catalyst equipped vehicles and is considered a "Replacement Part" per California Air Resources Board regulations, providing ALL emissions sensitive components are retained, including EGR, A.I.R., Heat Risers, etc. and any original or retrofit PCV or NOx device is required for the year of the vehicle. Failure to retain any of these components, or use on ANY originally catalyst equipped vehicles, would render this product illegal for street or off highway use and may only be used for Closed Course Competition.

#### **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.

**These headers are a very tight fit, especially on 65-68 cars. If the shock towers have moved inward, which is not uncommon on these cars due to age, the headers may contact the towers or Borgeson Power Steering box and need light dimpling. If the car has been hit at any time the frame rails may be pushed in slightly this can affect fitment as well. Motor Mounts MUST be to factory specs - worn, collapsed or cheap replacements can cause fitment issues. Ron Morris adjustable mounts are a good idea on these swaps. If you are not comfortable with dimpling the headers - Do not proceed.**

1. Disconnect the spark plug wires by grasping and gently twisting the spark plug wire boots.
2. Typically the exhaust pipes in these early vehicles are corroded to the extent that they are difficult to modify for use with headers. These instructions assume the removal of old components and the installation of a new exhaust system by an exhaust shop. These instructions cover only the installation of the headers. The necessary exhaust system modifications should be left to an exhaust shop.
3. Unbolt the driver's side exhaust manifold and remove. Clean any carbon deposits left on the head.
4. Remove the clutch linkage on stick shift cars. Remove the Power Steering Ram and bracket on factory power steering cars.
5. From underneath, place a jack with a block of wood under the oil pan. Remove the driver's side motor mount and lift the motor approximately 2". Slip the Driver's side header into position from underneath. Put a small dab of anti seize on the supplied header bolts and using the JBA gaskets loosely bolt the header in place (Do not tighten at this time). Lower the motor and replace the motor mount. Replace the Clutch linkage. (If you have a Cobra T style oil pan you may have to ding the header for clearance). Tighten the bolts evenly working from the center out.
6. If using the factory type power steering, reinstall the Power Steering ram using a JBA PS drop down bracket part #6656P. Reroute power steering hoses for clearance as appropriate.

7. On automatic equipped cars check for clearance and bend linkage as necessary. Later model cars with Steering Lock out may require modification as well.
8. Remove the Passenger side motor mount and raise the motor 2". From underneath slide the passenger side header in place. Put a small dab of anti seize on the supplied header bolts, install the gasket, and bolt the header to the cylinder head. Tighten the bolts evenly working from the center out. Lower the motor and re install the motor mount.
9. Check for clearance of the battery starter cable and trans cooler lines and modify as necessary.
10. Using the collector reducers supplied weld to existing or new exhaust system.
11. Replace the Spark plugs and wires.
12. On some cars the emergency brake cable and or bracket may contact the header collector, if so you may need to relocate the bracket.
13. Recheck all wires and hoses are clear of the headers before stating the car.
14. After 100 miles re tighten the header bolts and check them periodically.

**Parts List**

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|--|--------------------------------------|
| (1) Driver's Side Header Assembly        | (1) Passenger's Side Header Assembly |
| (16) 3/8" x 1" header bolt & lock washer | (2) Header gaskets                   |
| (2) Header Reducers                      | (2) V-Band Clamps                    |

**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.