



# PERFORMANCE EXHAUST

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

## Installation Instructions & Warranty Information

- 1625S-5 96-97 SVT Cobra 4.6L 4V
- 1625S-6 1998 SVT Cobra 4.6L 4V
- 1625S-7 99-04 SVT Cobra 4.6L 4V
- 1625S-8 96-98 Mustang 4.6L 2V
- 1625S-9 99-04 Mustang 4.6L 2V
- Cat4Ward® Headers



1

### 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.

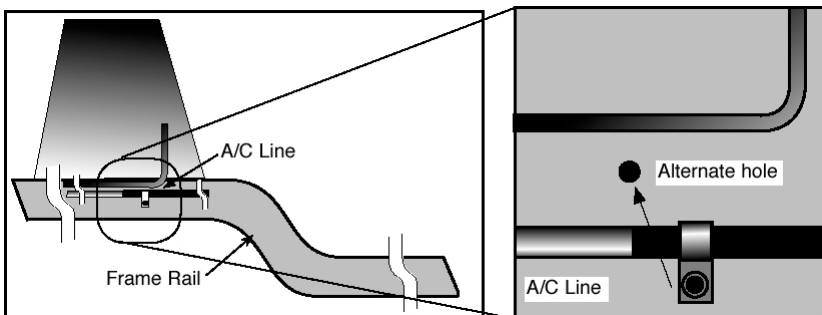
Check that you received all the parts listed on the parts list, if you have any concerns, please contact PerTronix before continuing. Headers will have the part number stamped in the flange.

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. Unplug the Oxygen Sensors from the exhaust system. Disconnect the exhaust system from the catalytic converter assembly. Remove the converter assembly from the vehicle.
2. Remove the Starter Motor.
3. Remove the motor mount nut under the passenger side manifold.
4. Place a block of wood between the oil pan and a jack. Remove the passenger side motor mount bolts and lift the motor approx. 1"
6. With engine jacked up, remove the passenger side manifold and remove the manifold studs. Note: On 96-97 Cobra installations you will need to disconnect the air fitting from the front of the manifold.




7. Due to the limited space in the engine compartment you will need to relocate the air conditioning line that run by the passenger side manifold. This is done by bending the soft aluminum line up slightly and reattaching it using the factory bracket into the alternate hole located approximately 2 "above the factory's original mounting hole. See the illustration below.
8. Apply a small amount of anti-seize to all header bolts. Install the passenger side header using the supplied hardware and gasket. Reconnect the air fitting on 96-7 Cobra's.
9. Lower the engine onto the motor mount and tighten the motor mount nut.
10. Reinstall the starter.
11. Disconnect the steering shaft from the steering rack and swing it out of the way. Remove the Oil Filter.
12. Disconnect the EGR tube from the driver side manifold and remove the driver side manifold and dipstick tube. Note: On 96-97 Cobra installations you will need to disconnect the air fitting from the front of the manifold. Remove all of the manifold studs.
13. From underneath the vehicle, slip the new header into place. From the top, slide the dipstick tube through the header between the second and third tube. Guide the tube under the motor mount and into its hole.

14. Loosely attach the EGR tube to the new header. Apply a small amount of anti-seize to all header bolts. Install the driver's side header using the supplied hardware & gasket. Reconnect the air fitting on 96-7 Cobra's.
15. Tighten the EGR tube. Reconnect the steering shaft to the steering rack. Reinstall the dipstick tube . Reinstall the oil filter.)
16. Re-install the H-pipe using the supplied collector gasket on the passenger side. Apply a small bead high temperature, sensor safe silicone around the dome on the driver's side header for added leak protection, and then reconnect the exhaust system.
17. Reconnect the battery cable.
18. 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.
19. Start the engine and let it warm up. Check for leaks. Shut engine off and let it cool down. Check to make sure all fasteners are tight.
20. Periodically check and retighten the header bolts.

Parts List:

- |  |                                   |
|--|-----------------------------------|
| (1) Driver's Side Header Assembly          | (18) 8mm x 1.25 Header bolts      |
| (1) Passenger's Side Header Assembly       | (18) 8mm Lock Washers             |
| (2) Header gaskets (Header to Head flange) | (2) 3/8" x 1-1/2 "Collector bolts |
| (1) Base flange gasket                     | (2) 3/8" x 2" Collector bolts     |
| (4) 3/8" Flat Washers                      | (2) 3/8" Lock Washers             |
| (4) 3/8" Hex Nuts                          | (1) Carb Sticker                  |



This vehicle is equipped with:  
**Dougs Headers # D66XX**  
**JBA Header: # 15XXS**  
 Legal for sale and installation in California  
**CARB EXECUTIVE ORDER**  
**D-57-27, D-57-31**

440 E. Arrow Hwy.  
 San Dimas, CA 91773  
 (909) 599-5955

**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.