



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

### *Installation Instructions & Warranty Information*

40-2542 ~ 98-11 Ranger 2.5L, 3.0L, 4.0L 2 Super Cab, Short bed  
Cat Back Exhaust



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!

**⚠ 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)

**TO START:**

1. Remove and inventory JBA exhaust.
2. Disconnect negative battery cable and allow vehicle exhaust to cool.



3. With the vehicle raised and properly supported, use a 15mm socket to remove the bolts that attach the exhaust system to the Catalytic converter.



4. Using a pry bar or a pair of channel lock pliers, remove hangers from rubber isolators at the top of the muffler.



5. Using the channel lock pliers, remove the tail pipe hanger from the rubber isolator.



6. Remove the original exhaust system from the vehicle.



7. Using original fasteners, connect intermediate pipe (A) to the factory catalytic converter pipe.



8. Tighten the fasteners.



9. Slip muffler (B) onto intermediate pipe (A).



13. Insert tailpipe (C) into muffler (B).



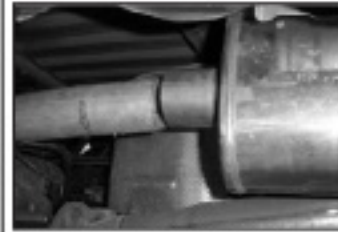
10. Insert hanger rods on the muffler into the factory rubber isolators.



11. Attach clamp (E) to the front of the muffler (B).



12. Install tailpipe (C).



13. Insert tailpipe (C) into muffler (B).



14. Install tail pipe hanger into factory rubber isolator.



15. Install clamp (D) onto rear of muffler.



16. Align tail pipe (C). Tighten clamp (D).

17. After installation, it is recommended that all clamps be re-tightened.

18. Tack weld all slip connections in three spots.

19. Lower the vehicle and reattach the negative battery cable.

**NOTES:**

- 1) It may be necessary to loosen and realign the spare tire for proper clearance.
- 2) All exhaust systems will expand about 1" rearward when exhaust temperatures start to rise.
- 3) Use Anti-seize on threads of clamps.

Parts List:

- |                      |   |
|----------------------|---|
| A. Intermediate pipe | 1 |
| B. Muffler           | 1 |
| C. Tail Pipe         | 1 |
| D. Clamps            | 2 |

4

This product is considered a Replacement part per CARB and EPA regulations for emissions compliance and is legal for sale and use on all vehicles in all 50 states when installed according to the Manufacturer's Application Guide and Installation Instructions.

### **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.