

# JBA

## PERFORMANCE EXHAUST

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

### *Installation Instructions & Warranty Information*

Part #40-2537 2010-14 Ford Raptor

Dual Exit Before Rear Tire



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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.

#### **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)

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## ***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.

Work Smart – Work Safe! Most Exhaust Installations 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!

Before starting, allow the vehicle to cool, disconnect the battery, and spray penetrating oil on all hardware and fittings that will need to be removed. Silicone spray on rubber hangers will make them easier to remove and install.

## **Instructions**

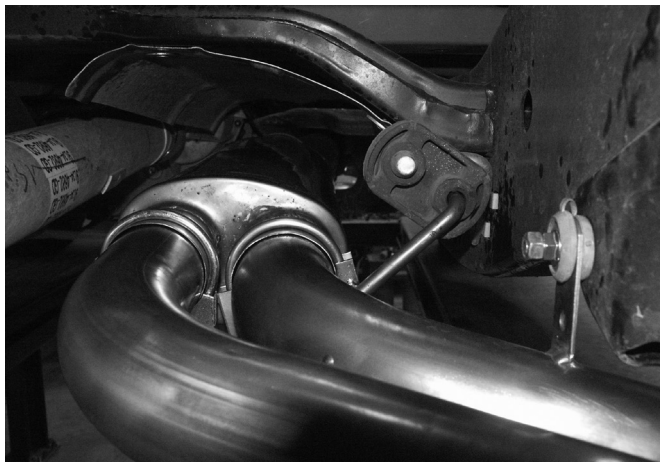
1. Place vehicle in a location where the floor is solid and flat, with adequate lighting. Do not attempt to work on a hot engine. Heat causes metal to expand and makes removal of fasteners difficult at best.
2. Disconnect the negative battery cable from the battery.
3. If a lift is not available, raise the front of the vehicle 2 feet or higher to obtain adequate access to the bottom exhaust manifold flanges. Use large-base jack stands to support the vehicle. Do not rely on the jack! Block the tires to prevent the vehicle from rolling off the jack stands.
4. Apply penetrating oil on all accessible fasteners and fittings before attempting to remove them
5. Remove the stock exhaust from the truck. It may be easier to cut the stock tailpipe where it goes over the axle to facilitate removal
6. Unbolt the factory exhaust from the Y pipe at the two bolt clamp in front of the muffler.



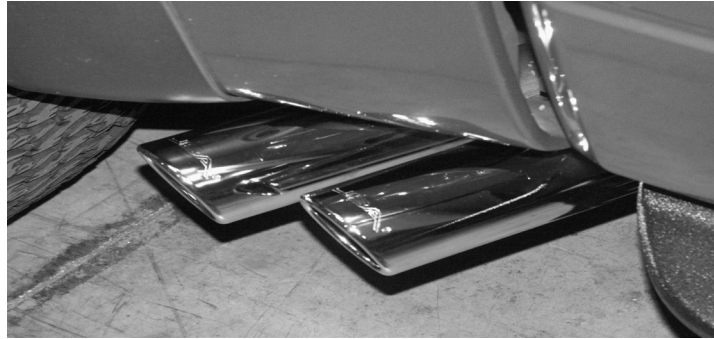
7. Cut the inlet pipe that goes into the muffler at a distance of 6" from the end of the pipe.
8. Re bolt the cut pipe and stock flange to the factory Y Pipe.
9. Slip the JBA Muffler and 3"U Bolt Clamp over the cut portion of the pipe. Snug, but do not tighten.



10. Slide one 3" U Clamp over the left side outlet of the muffler.
11. Slide the 3" U Bolt clamp with attached hanger over the right side outlet and insert the hanger into the stock rubber muffler hanger.
12. Slip the twin tailpipe assembly into the muffler outlets.
13. Install the 3/8-16X1 1/2" hex bolt with a washer through the hole in the rear spring eye bracket.
14. Install the rubber isolator onto the welded hangar bracket on the tail pipe. Then slip the isolator over the 3/8 bolt and secure using the fender washer and 3/8-16 nut.



15. Manipulate the tailpipes and mufflers so that they are level from the passenger side of the truck. When you are satisfied with the position tighten all the clamps, making sure that the tips stay aligned as you do.
16. Clean the tips of any dirt or fingerprints before starting the truck.
17. Start the truck and listen for leaks, tighten as necessary.
18. After 100 miles recheck all fasteners. It is recommended that you have all slip connections tack welded to ensure they do not come loose.



Parts List:

1	Muffler, single inlet, dual outlet	1	Twin tail Pipes Assembly with JBA Chrome Tips
1	Rubber Isolator	1	3/8-16X1 1/2" Hex bolt
1	3/8 Fender Washer	1	3/8-16 Hex Nut
2	3" U Bolt Clamp	1	3" U Bolt Clamp with Hanger

### **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.