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Installation Instructions and Warranty Information Part #40-2537 2010-11 Ford Raptor Dual Exit



Read all instructions carefully before attempting installation.

PerTronix© thanks you for choosing JBA Exhaust, the best fitting, highest quality Exhaust on the market. In order to realize the full potential of our good fit, please read and understand these instructions completely prior to starting work.

Check to make sure you received the proper parts for your application. If you are unsure you have received the proper parts call before you start work.

NOTE: Installation of this product requires an adequate workspace, general mechanic's tools, general mechanical "know-how" and a reasonable degree of experience. Most auto enthusiasts with these resources will have little difficulty installing these headers. However, you should carefully read these instructions before attempting to install this exhaust. If in doubt, consult a professional mechanic. (Better to do it now than to get stuck halfway through the installation.)

By installing your JBA Performance Exhaust product, you indicate that you have read this document and agree with the following terms.

The Purchaser is responsible for following all installation instructions and safety guidelines supplied with JBA Performance Exhaust products.

PerTronix© assumes no responsibility for damages resulting from improper operation, misuse, abuse, or lack of responsible care, or any problems resulting from incompatibility with other manufacturer's products.

Included with your installation instructions is a copy of the product warranty. Please read it carefully before you begin any work on your vehicle.

Be sure to work safe! Whenever you work under the vehicle be sure that it is located on level, solid ground and is supported by adequate safety stands! Remember: Hot asphalt will not support most jack stands!

Many factors affect the installation of exhaust, some of which are broken or aftermarket motor mounts, accidents that impact the configuration of the frame, and/or the installation of different engines or aftermarket cylinder heads.

DISASSEMBLY

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:

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| 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 |

LIMITED ONE YEAR 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.

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