

2005-13 NISSAN FRONTIER, XTERRA, PATHFINDER, NAVARA  
4.0L (OFF-ROAD "RACE" USE ONLY)



## LEGALITY NOTES

This exhaust product **DOES NOT** comply with California Air Resource Board regulations and is **NOT LEGAL** for sale or use on pollution controlled vehicles in the state of California. This product is intended for use on vehicles that are involved in closed course racing applications only. They will be referred to as "RACE USE ONLY" in any other location in this instruction sheet, or any marketing information.

The installation of any exhaust product onto any vehicle must be performed in accordance with all governmental regulations that pertain to the particular vehicle receiving the product. Please call your Doug Thorley Headers distributor if there are any questions regarding the legality of the installation.

**83206-B**

**PERFORMANCE "B" PIPES**

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**PARTS INCLUDED**

Ref.	Part Number	Description	Qty
1)	00-901-02474	Driver Side "B" Pipe Assembly	1
2)	00-901-02475	Passenger Side "B" Pipe Assembly	1
3)	01-10061620-27	Hex Flange Head Bolt, M10-1.25x35mm	4
4)	01-310616-27	Hex Flange Nut, M10-1.25	4

**TOOLS REQUIRED**

Ref.	Description	Ref.	Description
1)	3/8" Drive Ratchet and Extensions	4)	10mm Wrench
2)	12mm Socket	5)	Crescent Wrench
3)	14mm Socket	6)	WD40 or Equivalent

**WARRANTY NOTES**

- 1) The utmost care is taken at Doug Thorley Headers ("DTH") to maintain the highest standards of quality. However, DTH cannot control the installation of the product. For this reason the warranty covers only the replacement of the components, it does not cover labor for the installation.
- 2) The use of any type of "header wrapping" immediately voids the warranty. Using any sort of wrapping material on exhaust components destroys the tubing's ability to dissipate heat, causing very rapid deterioration of the metal and the subsequent failure of the product.
- 3) Any chrome plating applied to DTH header components is a high-nickel chrome finish applied to retard corrosion. This is a commercial quality "heat" chrome designed to protect the metal from the environment only. This finish is not "show chrome" and is not intended for the sake of appearance. This high-nickel chrome will turn colors and approach black as it cooks into the metal. The initial brilliance of the chrome finish is not covered under the warranty. Contamination of the surface by foreign substances may produce other color patterns. This can be prevented by routine cleaning.
- 4) Retain all paperwork pertaining to the purchase of your DTH product. Save your receipt!  
**Your limited warranty is not valid without a receipt of purchase.**

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### INSTALLATION NOTES

- 1) It is important that you read the entire instruction sheet before beginning any installation.
- 2) Do not cut or modify parts unless instructed to do so.
- 3) Always disconnect the battery when working on your vehicle.
- 4) Your vehicle should be raised to ease installation. A hoist is ideal, however, installation can be accomplished using a floor jack and jack stands.

**WARNING: Never work on a vehicle that is supported by a bumper jack only.**

### INSTALLATION PROCEDURE

- 1) Disconnect the battery.
- 2) Raise the front of the vehicle approximately 24 inches and support it with jack stands or other suitable supports.
- 3) Remove the two hanger brackets bolted to the frame.
- 4) Unbolt the stock system at both of the 2-bolt flanges behind the catalytic converters.
- 5) Loosen and remove the four bolts retaining the factory b-pipe to the exhaust manifolds.
- 6) Retain factory gaskets as they will be used with the new pipes.
- 7) Unplug and remove both O2 sensors. You may need to remove the connector from the bracket.
- 8) Remove the hanger mounts from the frame, front and rear.
- 9) Lower the front of the stock system and slide rearward towards the rear axle.
- 10) Reinstall the factory crush gasket on both pipes and loosely mount the new B-pipes to the exhaust manifolds on both sides.
- 11) Place the rest of the exhaust system back to its factory location and re-mount the hanger brackets.
- 12) Mate the factory system up to the new B-pipes and reinstall factory gaskets and ground strap.

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**INSTALLATION PROCEDURE**

- 13)** Mate the factory system up to the new B-pipes and reinstall factory gaskets and ground strap.
- 14)** Once satisfied with the fitment, you may fully tighten all hardware.
- 15)** Reinstall the two O2 sensors into the new pipes and plug them into the harness.
- 16)** Reconnect battery, start vehicle, check for leaks and components that may be close to your new pipes, wires, etc.