

## Instructions for kit #4004595 4" single kit

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Fits 2019 full-size Ford ½ ton F150 2wd & 4wd pickup w/3.0 turbo diesel. This kit fits all wheel base models from 145" w.b. ext cab 6.5' box & crew cab 5.5' box to 156.8" w.b. crew cab 6.5' box.

**Note: do not tighten any clamps or bolts until the last step!**

**Note: wheel base is measured from the center of the front wheel to the center of the rear wheel.**

**Note: this exhaust system eliminates the muffler from the exhaust. There are some states that require a muffler to be street legal. With the emissions equipment on the vehicle, we feel the exhaust sound is rather reasonable.**

- 1) Disconnect the negative battery cable. Remove the exhaust system at the clamp behind the particulate trap. This works best by removing the 3 hanger brackets on the truck from that clamp back. (Save these for re installation) because there is a notch in the front pipe and you will need to be able to rotate the exhaust system counterclockwise about a ¼ turn to pull it back to remove it in one piece.
- 2) Reinstall the hanger brackets removed in step one. Reusing the factory clamp, install the front extension rotating the bend towards the frame. For 145" wheel base you will use only the bent front extension. For the 156.8" wheel base models install the 16" straight extension on behind the bent front extension using the provided clamp.
- 3) Install the front hanger clamp #2642 to the front extension inserting the wire end into the factory rubber bracket.
- 4) Install the front section of the tail pipe to the front extension using the mid hanger clamp #2641 inserting the wire end into the factory rubber mount.
- 5) Install the rear portion of the tailpipe to the front part of the tail pipe using the provided Accu Seal clamp.
- 6) Install the rear hanger # 2640 to the tailpipe and insert the wire end into the factory rubber mount.
- 7) Tighten all clamps and bolts and check for clearance of the frame, body, chassis members, and brake and fuel lines. Reconnect the negative battery cable.

### **Hardware kit for kit #4004595:**

- |                                |                                                 |                                   |
|--------------------------------|-------------------------------------------------|-----------------------------------|
| 1) 4" Accuseal clamps # 670400 | 1) mid 4" hanger clamp-#2641                    | 1) rear 4" hanger clamp-#2640     |
| 1) front 4" hanger clamp-#2642 | 1) mc7400 clamp                                 |                                   |
|                                |                                                 | 1) rear tail pipe # 4005823       |
| 1) front tail pipe # 4005822   | 1) middle extension pipe 4" id/od x 16" 4004597 | 1) front extension pipe # 4004596 |

**DANGER WARNING:** SHOULD THE PURCHASER DECIDE TO INSTALL THIS, OR ANY OTHER EXHAUST PRODUCT AT HOME, BE WARNED THAT PLEASURE CAR OR LIGHT DUTY TRUCK/VAN "BUMPER JACKS" ARE INTENDED FOR EMERGENCY USE ONLY. THE USE OF FRAME CONTACT JACK STANDS IN CONJUNCTION WITH A FLOOR JACK AS MAIN SUPPORT IS HIGHLY RECOMMENDED TO MINIMIZE ACCIDENTAL DROPPING OF A VEHICLE WHILE THE INSTALLATION PROCEEDS.

**Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN**

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### **Part # 4004595**

**Limitation of liability--Disclaimers:** The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

The manufacturer makes no warranties of merchantability, of fitness for a particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, and or repair.

The foregoing statement limits the liability of the manufacturer.

