

## Instructions for kit #4044575 4" dual diesel turbo-back kit

Fits: 2003-2007 full-size Ford 3/4 & 1 ton F250/F350 w/6.0L Powerstroke turbo diesel, 2wd & 4wd, all wheel bases (137"-172.4"), this is a turbo-back exhaust kit, for vehicles with catalytic converter.

**Note:** do not tighten any clamps or bolts until the last step! Read these instructions fully and thoroughly before you begin. Before doing any cutting, verify that the length to cut off is correct. You will need to re-use the factory catalytic converter. To accommodate this system, the spare tire will need to be pulled permanently.

1) remove the exhaust system from the vehicle, including the down pipe, extension pipe, converter, muffler, and tail pipe. Remove the wire hangers from the o.e. rubber hanger mounts (a lubricant may be necessary), but leave these rubber hanger mounts on the truck. When removing the down pipe, you may need to cut it for removal.

2) install the front portion of the down pipe to the turbo, reusing the o.e. v-band clamp.

3) install the rear portion of the down pipe to the front portion of the down pipe, using a 4" clamp.

4) install the o.e. catalytic converter to the rear portion of the down pipe, reusing the o.e. bolts and nuts to connect the flanges.

5) install the 3-1/2" i.d. end of the front extension pipe to the catalytic converter pipe using a 3-1/2" clamp.

6) the front extension pipe (53-1/2" long x 5" id/od) will fit the crew cab long box models (172.4" wheel base). On the shorter wheel base models, you will need to cut the extension pipe to length, from the 5" o.d. end, the end that is not shrunk:

crew cab long box (172.4")	extension pipe length = 53.5"	no cutting
crew cab short box (156.2")	extension pipe length = 37.3"	cut off 16.2"
super cab long box (158")	extension pipe length = 39.1"	cut off 14.4"
super cab short box (141.8")	extension pipe length = 22.9"	cut off 30.6"
regular cab long box (137")	extension pipe length = 18.1"	cut off 35.4"

7) install the 5" hanger clamp to the front extension pipe, and attach the wire portion to the o.e. hanger along side the pipe.

8) install the muffler to the extension pipe using a 5" clamp. The muffler will need to have the outlets installed approximately 30 degrees off of being installed vertically, to properly fit the tail pipes. See illustration on the following page. Of note, we have very detailed installation instructions on our website of this kit installed. Looking from the rear of the vehicle, the driver side outlet will be up high and to the left, the passenger side outlet will be down low and to the right.

9) install the right front tail pipe to the muffler using the right front 4" hanger clamp. The inlet of the right front tail pipe is i.d., and it has 2 bends, and is approximately 31" overall in length. Attach the wire portion of the hanger to the o.e. mount above.

10) install the right rear tail pipe to the right front tail pipe using a 4" clamp.

11) install the right rear 4" hanger clamp to the right rear tail pipe, after the bend and below the rear o.e. hanger. Install the wire portion of the hanger to the o.e. rubber hanger mount above.

12) install the left front tail pipe to the muffler using the left front 4" hanger clamp. The inlet of the left front tail pipe is i.d., and it has 2 bends, and is approximately 33" overall in length. Install the wire portion of the hanger to the o.e. rubber hanger mount above.

13) install the left rear tail pipe to the left front tail pipe using a 4" clamp. The inlet of the left rear tail pipe is i.d., and it has 1 bend, and is approximately 41" overall in length. On both tail pipes, you may want to trim to your preferred length.

14) you will need to tie off the brake and fuel lines that are in the vicinity of the left front tail pipe using the enclosed cable tie. Make sure these lines are not near the left tail pipe.

15) install the welded hanger 2752 to an existing slotted hole in the frame that is above where the left rear tail pipe crosses under the frame for the exit. Use a 3/8" nut, lock washer, 2778 bracket, and 3/8" bolt to install the hanger. Tighten the nut on the hanger, and install the BR92062 rubber hanger included in this kit to this hanger. Install the left rear 4" hanger clamp to the left rear tail pipe and attach the wire portion of the hanger to the BR92062 rubber hanger above.

16) tighten all clamps and bolts and check for clearance of the frame, body, and brake and fuel lines.

**Hardware kit for kit #4044575:**

- 1) front extension pipe # 4044576
- 1) left rear tail pipe # 4044557
- 1) left front tail pipe # 4044559
- 1) muffler #7090
- 1) #4004576 front down pipe
- 1) #4004577 rear down pipe
- 1) right front tail pipe # 4044577
- 1) right rear tail pipe # 4044558
- 1) left front 4" hanger clamp # 2755
- 1) 5" hanger clamp # 2744
- 1) left rear 4" hanger clamp #2753
- 1) 3-1/2" clamp #mc7312
- 3) 4" clamp #mc7400
- 2) 5" clamps #mc7500
- 1) right front 4" hanger clamp # 2756
- 1) right rear 4" hanger clamp # 2754
- 1) 20400es 4" band clamp

**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.

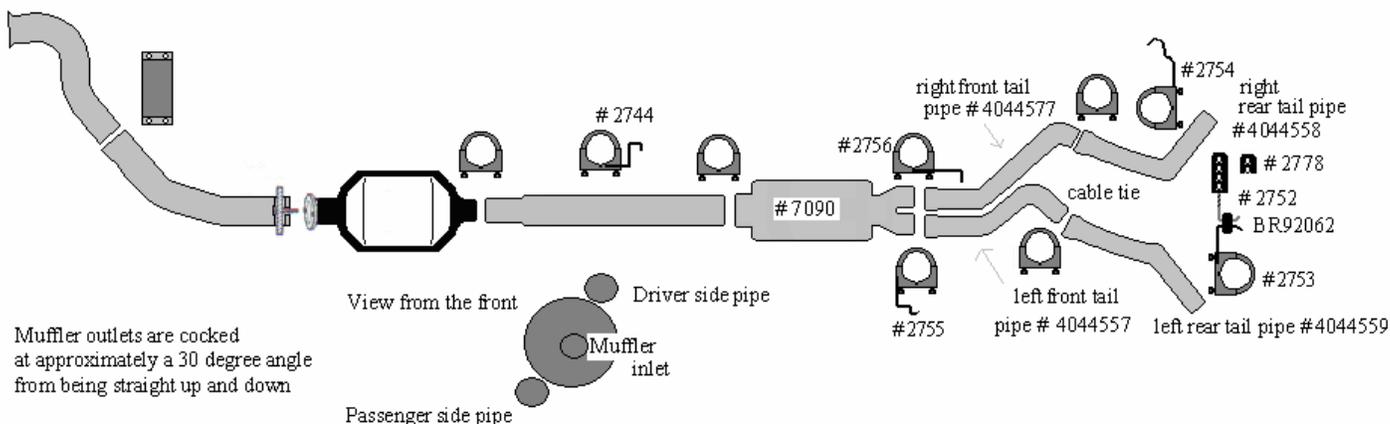
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The manufacturer makes no warranties of merchantability, of fitness for a particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations or ordinances in the states where they may be sold to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



**BUILD SHEET FOR: 4" DUAL TURBO-BACK KIT**

**PART #: 4044575**

- \_\_\_\_\_ 1) FRONT EXTENSION PIPE #4044576
- \_\_\_\_\_ 1) #4004576 FRONT DOWN PIPE
- \_\_\_\_\_ 1) #4004577 REAR DOWN PIPE
- \_\_\_\_\_ 1) MUFFLER # 7090
- \_\_\_\_\_ 1) left front tail pipe # 4044557
- \_\_\_\_\_ 1) left rear tail pipe # 4044559
- \_\_\_\_\_ 1) right front tail pipe # 4044577
- \_\_\_\_\_ 1) right rear tail pipe # 4044558
- \_\_\_\_\_ 1) HARDWARE KIT

INSPECTED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

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