

Instructions for kit #4045750 4" dual diesel kit turbo-back kit

Note: due to the weight of this kit, the muffler may come in a separate package.

FITS: 2001-2004-1/2 FULL-SIZE GM DURAMAX (LB7) 3/4 & 1 TON W/6.6L TURBO DIESEL, 2WD & 4WD, CREW CAB MODELS (short bed = 153", long bed = 167" wheel bases), THIS IS A TURBO-BACK KIT. This kit does not fit models with the catalytic converter as a street legal fit.

Note: this kit also fits later models with converter, but requires modifications to re-install the original converter. If originally equipped with a catalytic converter, it is illegal to use the vehicle on public roads with the converter removed.

Note: the spare tire is a very tight fit on this application. We recommend loosening the spare, shifting as far rearward as possible, and tightening, to gain as much clearance as possible.

Note: do not tighten any clamps or bolts until the last step! Read these instructions fully and thoroughly before you begin.

- 1) remove the exhaust system at the v-band clamp after the turbo. 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. Disconnect the clamps at the rear of the o.e. down pipe and at the inlet of the muffler. You will need to re-use the original v-band clamp.
- 2) install the down pipe to the flange at the turbo and install the original v-band clamp. Tighten only enough to hold in place. Install the wire hanger that is on the down pipe to the o.e. rubber mount on the side of the pipe.
- 3) both of the extension pipes will fit the crew cab long box models (167" w.b.) without cutting. On the crew cab short box (153" w.b.), you will not need the 17" rear extension pipe, and no cutting is necessary of the front extension pipe. Attach the front extension pipe to the down pipe using a 5" clamp, routing the extension pipe around the recession in the cross-member. Attach the wire hangers on the front extension pipe to the o.e. hanger mounts.
- 4) use a 5" clamp to attach the 17" rear extension pipe to the front extension pipe (for crew cab long box models only, short box trucks skip this step).
- 5) install the muffler to the extension pipe using the 5" front hanger clamp. Connect the wire hanger to the rubber mount above. 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.
- 6) install the 5" rear hanger clamp to the 5" portion of the y on the muffler outlet, and install the wire portion of the hanger to the o.e. mount above the driver side outlet.
- 7) install the right front tail pipe to the muffler using a 4" clamp. The inlet of the right front tail pipe is i.d., and it has 2 bends, and is approximately 26" overall in length.
- 8) install the right rear tail pipe to the right front tail pipe using the right front 4" hanger clamp. Attach the wire portion of the hanger to the o.e. rubber hanger mount above. The inlet of the right rear tail pipe is i.d., and it has 1 bend, and is approximately 36" overall in length.
- 9) install the right rear 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.
- 10) install the left front tail pipe to the muffler using a 4" clamp. The inlet of the left front tail pipe is i.d., and it has 2 bends, and is approximately 28" overall in length.
- 11) 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.
- 12) 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.
- 13) you will need to drill a 3/8" hole in the frame above the left rear tail pipe and before the rear spring, in which to install the 3/8" threaded rod hanger. Install the 3/8" threaded rod hanger to the hole you just drilled. Use a 3/8" nut on both sides of the frame on the rod hanger, and use the enclosed 3/8" lock and fender washers (this hanger is adjustable for height). Tighten the nuts on the hanger, and install the BR92062 rubber hanger included in this kit to this hanger. Install the left 4" hanger clamp to the left rear tail pipe and attach the wire portion of the hanger to the BR92062 rubber hanger above.
- 14) tighten all clamps and bolts and check for clearance of the frame, body, spare tire, and brake and fuel lines.

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. If raising the vehicle, support it in a stable and safe manner prior to working under the vehicle. This system was designed on a drive on hoist. Use of a frame contact hoist will cause issues for fit on the driver side tail pipe, you will need to install the driver side tail pipe with the rear axle at ride height.

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.

HARDWARE KIT FOR KIT #4045750:

- | | |
|---|---------------------------------------|
| 1) DOWN PIPE # 4055751 | 2) 5" CLAMPS # MC7500 |
| 1) FRONT EXTENSION PIPE 5" # 4055752 | 1) 5" front HANGER CLAMP # 2760 |
| 1) 17" REAR EXTENSION PIPE # 4055753 5" id/od x 17" | 1) 5" rear HANGER CLAMP #2759 |
| 1) left front tail pipe # 4045751 | 1) Left 4" HANGER CLAMP # 2758 |
| 1) left rear tail pipe # 4045753 | 4) 4" clamps # MC7400 |
| 1) MUFFLER # 7090 | 1) cable tie |
| 1) right front tail pipe # 4045752 | 1) 3/8" threaded rod hanger # 2772 |
| 1) right rear tail pipe # 4045754 | 2) 3/8" nuts |
| | 1) 3/8" lock washer |
| | 1) 3/8" fender washer |
| | 1) Right front 4" hanger clamp # 2757 |
| | 1) BR92062 rubber hanger |

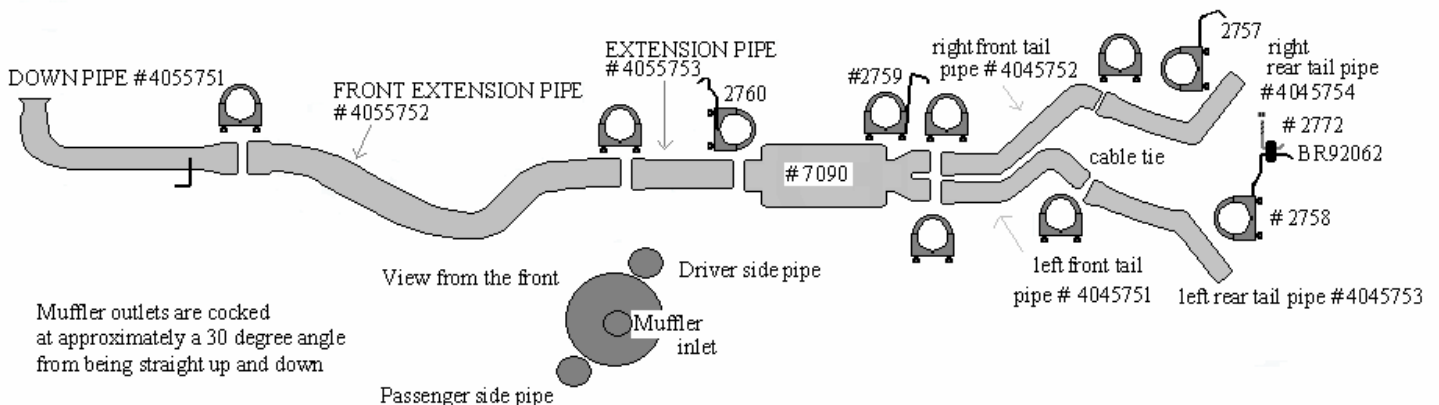


Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN

Email us at mike@heartthrobexhaust.com with any questions.

320-693-0222

www.heartthrobexhaust.com



BUILD SHEET FOR: 4" DUAL EXHAUST KIT

PART #: 4045750

- _____ 1) MUFFLER # 7090
- _____ 1) DOWN PIPE # 4055751
- _____ 1) front extension pipe 5" # 4055752
- _____ 1) rear extension pipe 5" id/od x 17" # 4055753
- _____ 1) left front tail pipe # 4045751
- _____ 1) left rear tail pipe # 4045753
- _____ 1) right front tail pipe # 4045752
- _____ 1) right rear tail pipe # 4045754
- _____ 1) HARDWARE KIT

INSPECTED BY: _____

DATE: _____

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PART #: 4045750

- _____ 1) MUFFLER # 7090
- _____ 1) DOWN PIPE # 4055751
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- _____ 1) left front tail pipe # 4045751
- _____ 1) left rear tail pipe # 4045753
- _____ 1) right front tail pipe # 4045752
- _____ 1) right rear tail pipe # 4045754
- _____ 1) HARDWARE KIT

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