

Fits 2007-2010 full-size Ford 3/4 & 1 ton F250 Super Duty & F350 2wd & 4wd pickup w/5.4L V8 and 6.8L V10. This kit fits all wheel base models from super cab short box (141.8" w.b.) up through crew cab long box (172.4" w.b.).

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.

1) Disconnect the negative battery cable. Remove the exhaust system at the flange behind the converter y pipe leaving only the original converter y pipe, rubber mounts, and catalytic converters on the truck. If you are removing the o.e. exhaust in one piece, you will need to raise the vehicle in the rear and let the rear axle drop to facilitate easier removal, an extra set of hands is helpful. You can remove the O.E. rubber hanger mount that is in between the rubber mount at the flange after the converter y pipe and just in front of the muffler, it is not used in this system.

Note: the front extension pipe will fit all the listed wheel base models without cutting. The middle extension pipe will need to be cut to length for the super cab (extended cab) and crew cab short box models. No cutting is required for crew cab long box.

For 172.4" w.b. crew cab long box, you will need both the front extension pipe and the middle extension pipe at their full lengths, no cutting required.

For 156.2" w.b. (crew cab short box), cut 16.25" off of the OD (non-expanded) end of the middle extension pipe, the length after cutting should be 19.25" long.

For 158" w.b. (super cab long box), cut 14.5" off of the OD (non-expanded) end of the middle extension pipe, the length after cutting should be 21" long.

For 141.8" w.b. (super cab short box) 30" off of the OD (non-expanded) end of the middle extension pipe, the length after cutting should be 5.5" long.

For 137" w.b. regular cab, the middle extension pipe is not used.

3) slide the 3-1/2" flange w/hanger over the OD end of the front extension pipe. The side without the hanger on the flange slides onto the front extension pipe first. Use the included bolts, nuts and lock washers to attach the flange w/hanger on the front extension pipe to the connection of the converter y pipe.

4) those with wheel bases shorter than 172.4" trim the middle extension pipe as required in the note above, attach the middle extension pipe to the front extension pipe using a 3-1/2" u-bolt clamp.

5) use the 3-1/2" front hanger clamp to attach to either the front or middle extension pipe, depending on the wheel base, and connect to the O.E. rubber hanger mount. This hanger mount is just before the muffler. The O.E. rubber hanger mount in front of this mount can be removed, it is not used.

6) install the muffler to the front or middle extension pipe using a 3-1/2" u-bolt clamp. The muffler should be mounted with the weld seam facing up towards the bed of the truck.

7) install the over the axle section of the tail pipe to the muffler using the middle 3-1/2" hanger clamp (two wire rod hangers on this hanger clamp). Connect the wire portion of the hangers to the o.e. rubber hanger mounts above.

8) install the rear section of the tail pipe to the over the axle section of the tail pipe using a 3-1/2" accusal clamp.

9) Install the rear 3-1/2" hanger clamp (single hook, the hook is out from the side of the clamp) to the over the rear tail pipe just after the bend in the rear tail pipe section. Install the wire portion of the hanger to the o.e. rubber hanger mount above.

10) 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 #3504590:

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|-----------------------------------|---|-------------------------------------|
| 1) 3-1/2" Accusal clamps # A35AF | 1) front 3-1/2" hanger clamp-#2652 | 1) middle 3-1/2" hanger clamp-#2651 |
| 2) 3/8" x 2-1/2" bolt # 10113 | 2) # 36106 3/8" nuts | 2) 3/8" lock washers # 33622 |
| 1) rear 3-1/2" hanger clamp-#2650 | 1) 3-1/2" flange w/hanger # 2653 | 2) MC7312 3-1/2" u-bolt clamps |
| 1) muffler # 1014068 | 1) rear tail pipe # 3504594 | 1) front extension pipe # 3504591 |
| 1) front tail pipe # 3504593 | 1) middle extension pipe 3-1/2" id/od x 35-1/2" # 3504592 | |

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.

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.

Part # 3504590

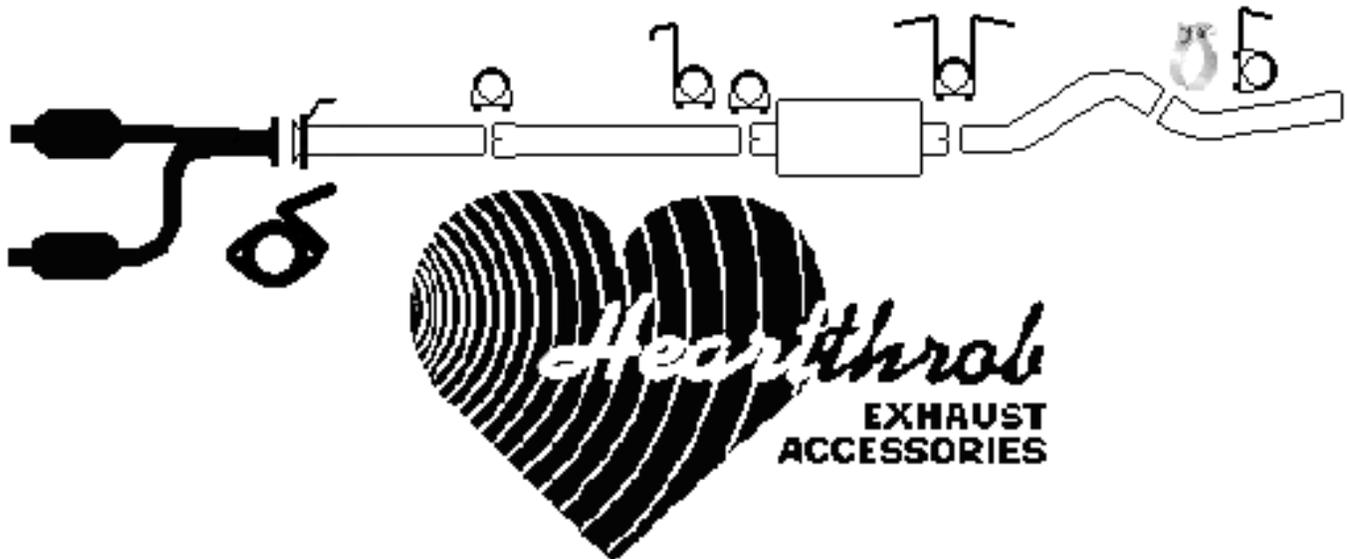
Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN

Email us at mike@heartthroboxhaust.com with any questions. Visit www.heartthroboxhaustinc.com

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320-693-0222



BUILD SHEET FOR: 3-1/2" SINGLE CAT-BACK KIT

PART#'S: 3504590:

- _____ 1) HARDWARE KIT
- _____ 1) muffler # 1014068
- _____ 1) rear tail pipe # 3504594
- _____ 1) front extension pipe # 3504591
- _____ 1) middle extension pipe 3-1/2" id/od x 35-1/2" # 3504592
- _____ 1) front tail pipe # 3504593

INSPECTED BY: _____

DATE: _____