

Instructions for kit #4404580 4" diesel kit particulate trap-back kit 409 s/s

Fits: 2008-2009 full-size Ford F250/F350 3/4 & 1 ton pickup w/6.4L turbo diesel, 2wd & 4wd, regular cab 137" w.b, super cab 142" and 158" w.b., and crew cab models 156" and 172" w.b,

Note: this is a particulate trap-back kit. Do not remove or modify your exhaust system in front of the clamp after the particulate trap. Modifying or removing these parts is illegal, will void your Ford warranty, and your vehicle will not run properly.

Note: check local laws on legality of this system. This system eliminates the muffler.

Note: Read these instructions fully and thoroughly before you begin.

1) To begin you need to remove the o.e. exhaust from the rear of the particulate trap, this is the section that has a clamp at the rear of it, just after the rear-most sensor, and after the hanger. To remove the wire hangers from the o.e. rubber hanger mounts, we would recommend using a spray lubricant to ease the process. If you are lifting or raising the vehicle for the installation, make sure you do so only on a flat, level, solid surface. Use only frame contact stands that are rated to lift this vehicle. We recommend cutting the exhaust somewhere in the over the axle section for easier removal. If you will be attempting to remove the tail pipe is one piece, you will need to let the rear axle hang free by lifting the frame and letting the rear axle extend for the proper clearance. If you do this, please be very careful and make sure the vehicle is properly supported.

2) The front extension pipe (53") will fit the crew cab long box 172" w.b. model without cutting. On all other wheel base models, you will need to trim from the 4" o.d. (non-shrunk) end as follows:

172" w.b. crew cab long box	no cutting, full 53" length
158" w.b. super cab long box	cut 14" off, cut to 39" long
156" w.b. crew cab short box	cut 16" off, cut to 37" long
142" w.b. super cab short box	cut 30" off, cut to 23" long
137" w.b. regular cab long box	cut 35" off, cut to 18" long

3) Install the front extension pipe (cut to length) to the particulate trap using the included 3-1/2" s/s clamp, do not tighten at this time.

4) Install the front tail pipe to the front extension pipe using the included 4" s/s clamp, do not tighten at this time. Install the two hangers on the front tail pipe to the o.e. rubber hanger mounts above.

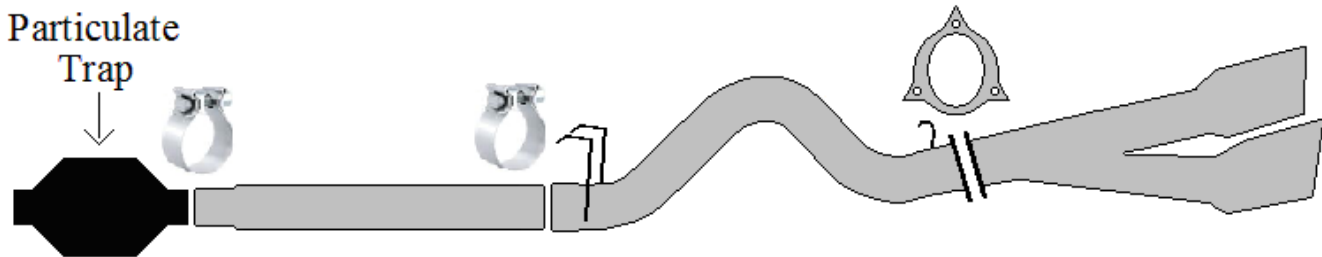
7) Install the hanger on the rear portion of the front tail pipe to the o.e. mount above.

8) Install the rear tail pipe to the front tail pipe using the included gasket and 1/2" hardware.

9) Make sure all hangers are in the o.e. rubber hanger mounts. Tighten all clamps first, then the bolts on the flange, and check for clearance of the frame, body, spare tire, and brake and fuel lines.

Hardware kit for kit #4404580

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|-----------------------------------|-------------------------------|
| 1) front extension pipe # 4404581 | 1) 4" s/s clamp # A40BF |
| 1) front tail pipe # 4404582 | 3) 1/2" x 1-1/2" bolt # 12160 |
| 1) rear tail pipe # 4404583 | 3) 1/2" nut # 36108 |
| | 3) 1/2" lock washer # 33626 |
| | 1) 3-1/2" s/s clamp # A35BF |
| | 1) MP4405790 gasket |



Note: this kit is made of 409 stainless steel. It may be brownish in color, and a magnet will stick to it.

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

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

www.heartthroboxhaust.com

320-693-0222 visit our website for larger detailed installation pictures

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.

BUILD SHEET FOR: 4" 409 S/S DIESEL EXHAUST

PART #'S: 4404580

_____ 1) front extension pipe # 4404581

_____ 1) front tail pipe # 4404582

_____ 1) rear tail pipe # 4404583

_____ 1) HARDWARE KIT

INSPECTED BY: _____

DATE: _____

INSPECTED BY: _____

DATE: _____