

KIT # 444000

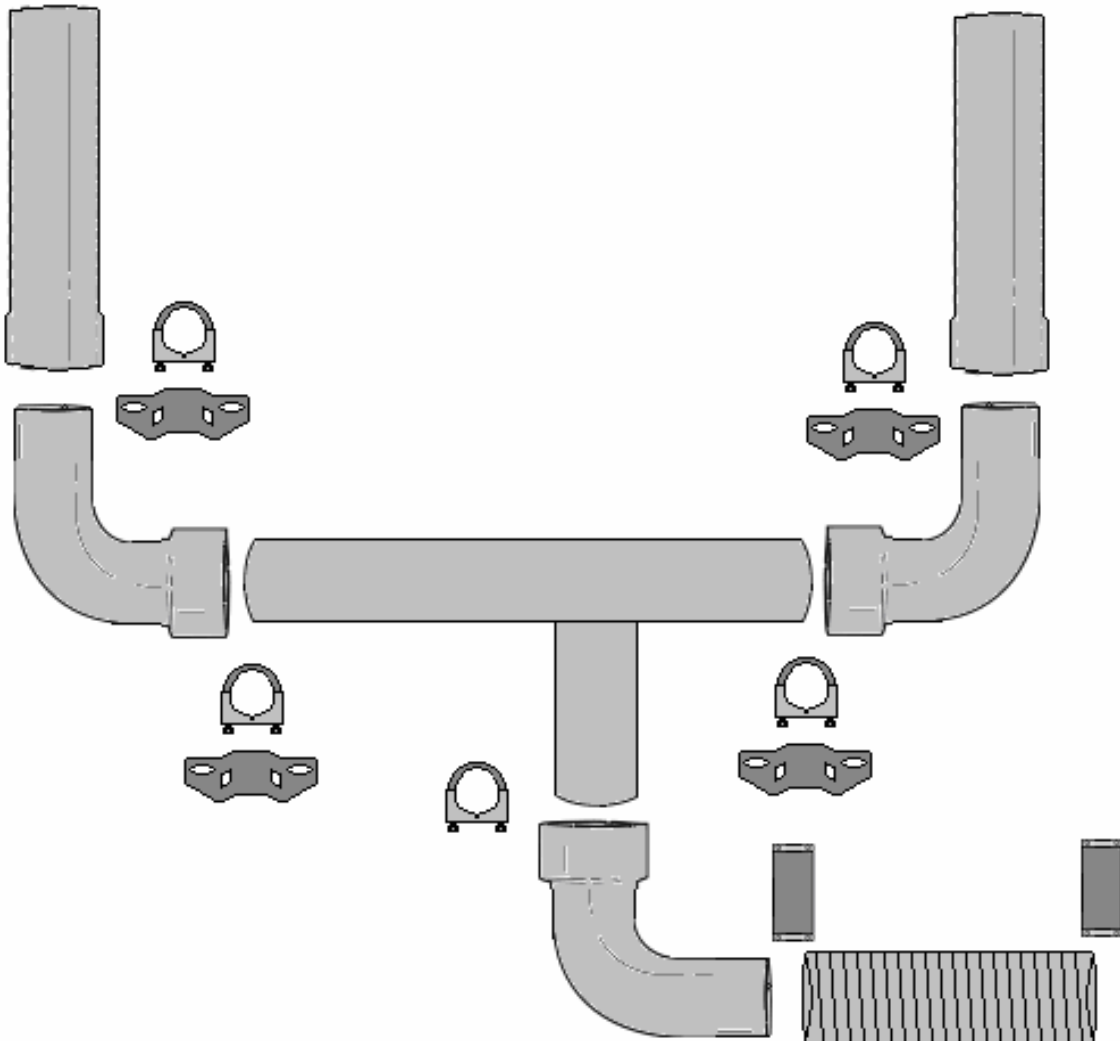
This universal kit is designed for use on diesel pickups. Fabricating, including cutting a hole in your pickup bed and drilling holes for the hangers is necessary to fit this system. You will be required to provide any necessary adapter(s) to hook up to your o.e. or factory down pipe, and possibly up to aftermarket 4" down pipes. It is important that you use the flexible tubing to connect the elbow from the tee fitting to the down pipe, as this will give the system the necessary flex for the stiffly mounted stack system to the turbo. This system does not include a muffler or mufflers. In many states it is not legal to run without mufflers, check your local laws prior to installation. This system is designed for use on vehicles without catalytic converters. It is illegal to eliminate a catalytic converter or particulate trap. We recommend this system for use only in off-road applications.

We recommend use of a performance down pipe on the vehicle. You may special order a down pipe or adapters, email us at mike@heartthorbexhaust.com with your needs.

DANGER WARNING: SHOULD THE PURCHASER DECIDE TO INSTALL THIS 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.

HARDWARE KIT:

- | | |
|----------------------------------|--|
| 5) MC7400Z 4" zinc coated CLAMPS | 1) 4" x 12" long flexible steel tubing |
| 2) 20400ES band clamps | 1) tee-fitting 4" |
| 8) 31178 lag screws | 2) 140136CP 4" stack pipes x 36" long |
| 4) BR92171C bracket | 3) 90 DEGREE 4" od/4" id bends |





Heartthrob Exhaust 60819 U.S. Hwy. 12 W. Litchfield, Mn 55355 320-693-0222
Email: mike@heartthroboxhaust.com Website: www.heartthroboxhaust.com

KIT # 444000

INSTALLATION INSTRUCTIONS:

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

- 1) Remove the old exhaust system after the down pipe. Now would be a good time to remove and install a performance 4" down pipe if you have not done so already. You will need to hook up the down pipe to the stack system. You may need to purchase additional adapters, band clamps, etc., the size of which would depend on what you use for the down pipe. We offer 4" down pipes for most applications.
- 2) Lay out the tee fitting in the bed of the truck with the elbows. Trimming of the 3 legs of the tee fitting may be necessary based on different bed widths and your preference of exit. You will need to determine where to make the hole in the bed of the truck, we recommend somewhere close to the front of the bed near the cab, on the passenger side. The brackets that we include will mount the elbows/tee fitting connection to the floor of the bed of the truck, and also the stacks to the lip at the front top of the bed. We recommend a 5" hole in the bed for the 4" system. Holes will also need to be drilled for the hangers. Locate and cut the hole in the bed using your preferred cutting method, a 5" hole saw would be ideal, or a jigsaw or reciprocating saw could also be used. Drill the holes for the hangers.
- 3) Connect the adapters and flexible tubing to the down pipe (adapters, down pipe, and extension pipes are not included in this kit). Connect the o.d. end of one of the included 4" id/od elbows to the flexible tubing (or adapter) using a 4" band clamp. The 4" id/od elbow will extend up through the hole in the bed of the pickup.
- 4) Attach the tee fitting to the 4" id/od elbow that was installed in step 3), the long end will go towards the driver side, the short end towards the passenger side. Note: you may need to trim the ends of the tee fitting to allow for clearance of the 4" 90s that go up to the stacks.
- 5) Install the 4" id end of the 4" od/4" id elbows to the tee fitting.
- 6) Install the hanger brackets in a suitable location to the pickup bed using the lag screws, and attach to the system using the 4" clamps, at the junction of the tee fitting and the 4" 90s.
- 7) Install the 4" id stack pipes over the 4" od elbows. Position the outlets and the height to your preferred exit style and height prior to tightening the clamps, you may want to trim the 4" 90s to length.
- 8) Locate a suitable spot for the stack hangers, in the lip of the bed is preferred, and at the connecting point of the stack and the 4" 90s. We recommend using the inside lip of the box, on opposite sides of the bed for each side. Drill a 5/16" hole in the lip and install the brackets to this lip using the lag screws. Mount this hanger setup to the stack pipes using the remaining 4" clamps.
- 9) Make sure that all the parts of the system are clear of frame members, all hoses, suspension, and brake and fuel lines. Starting at the down pipe, tighten all connections, clamps, and nuts. Make sure all parts are clear and will not leak or rattle. After several days of driving retighten all bolts.

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, the 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. California vehicle code section 27156 prohibits the advertising, offering for sale, or installation of any device which modifies a vehicle's emission control system. This product is therefore not legal for sale or use in California on vehicles equipped with catalytic converters.

Build Sheet For: 4" Stack Kits

Part # 444000

- _____ 1) tee-fitting 4"
- _____ 3) 90 DEGREE 4" od/4" id bends
- _____ 2) #140136CP 4" stack pipes x 36" long
- _____ 1) 4" x 12" long flexible steel tubing
- _____ 1) hardware kit

Inspected by: _____

Date: _____

Inspected by: _____

Date: _____

Build Sheet For: 4" Stack Kits

Part # 444000

- _____ 1) tee-fitting 4"
- _____ 3) 90 DEGREE 4" od/4" id bends
- _____ 2) #140136CP 4" stack pipes x 36" long
- _____ 1) 4" x 12" long flexible steel tubing
- _____ 1) hardware kit

Inspected by: _____

Date: _____

Inspected by: _____

Date: _____