

FITS 2004-2005 FULL-SIZE FORD ½ TON 2WD & 4WD PICKUPS W/4.6L & 5.4L V-8 WITH. THIS KIT FITS ALL WHEEL BASE MODELS AND SUPER CREW. DOES NOT FIT DIESEL, V-10, SUPER DUTY OR LIGHTNING, OR 2004 V6.

NOTE: DO NOT TIGHTEN ANY CLAMPS OR BOLTS UNTIL THE LAST STEP!

1) REMOVE THE EXHAUST SYSTEM AT THE CLAMP BEHIND THE CONVERTERS LEAVING ONLY THE ORIGINAL Y PIPE, RUBBER MOUNTS, AND CATALYTIC CONVERTERS ON THE TRUCK.

2) **NOTE:** BOTH OF THE EXTENSION PIPES WILL FIT THE LONG WHEEL BASE TRUCKS (163" W.B., SUPER CAB 8' BOX) WITHOUT CUTTING. FOR 144.5" W.B. (SUPER CAB 6-1/2' BOX, AND REGULAR CAB 8' BOX), YOU WILL NEED BOTH EXTENSION PIPES, BUT TRIM THE 3" MIDDLE (ID/OD 3" X 27" LONG STRAIGHT PIECE) EXTENSION PIPE TO A TOTAL LENGTH OF 8.5" LONG, CUT FROM THE OD END (NON EXPANDED END). FOR 138.5" W.B. (SUPER CREW 5-1/2' BOX), USE ONLY THE 3" FRONT (2-1/2" ID/3" OD X 42" LONG) EXTENSION PIPE, NO CUTTING NECESSARY. FOR 132.5" W.B. (SUPER CAB 5-1/2' BOX), USE ONLY THE 3" FRONT EXTENSION PIPE TRIMMED TO A TOTAL LENGTH OF 36", TRIM FROM THE 3" OD END. FOR 126" W.B. (REGULAR CAB 6-1/2' BOX), USE ONLY THE 3" FRONT EXTENSION PIPE TRIMMED TO A TOTAL LENGTH OF 29.5", TRIM FROM THE 3" OD END.

3) USE THE 2-1/2" CLAMP TO ATTACH THE 3" FRONT EXTENSION PIPE TO THE CONVERTER PIPE, AND THOSE WITH 126" AND 132.5" W.B., TRIM THE 3" FRONT EXTENSION PIPE TO LENGTH AS DESCRIBED IN STEP 2).

4) THOSE WITH 144.5" (TRIM AS DESCRIBED IN STEP 2) AND 163" W.B., ATTACH THE 3" MIDDLE EXTENSION PIPE TO THE 3" FRONT EXTENSION PIPE USING A 3" CLAMP. USE THE 3" HANGER CLAMP ON THE 3" FRONT EXTENSION PIPE TO CONNECT THE 3" FRONT EXTENSION PIPE TO THE O.E. RUBBER HANGER MOUNT ALONG SIDE THE SYSTEM.

5) USE A 3" MUFFLER CLAMP TO ATTACH THE INLET OF THE MUFFLER AND THE EXTENSION PIPE TOGETHER.

6) INSTALL THE LEFT FRONT TAIL PIPE (4 BENDS) USING A 2-1/2" CLAMP TO THE LEFT OUTLET OF THE MUFFLER.

7) INSTALL THE LEFT REAR TAIL PIPE (1 BEND) TO THE LEFT FRONT TAIL PIPE USING A 2-1/2" CLAMP.

8) INSTALL THE 2-1/2" FRONT HANGER CLAMP TO THE LEFT FRONT TAIL PIPE JUST BEFORE THE FIRST BEND, AND CONNECT THE WIRE PORTION OF THE HANGER TO THE O.E. RUBBER HANGER MOUNT ABOVE.

9) LOCATE OR DRILL A HOLE IN THE FRAME NEAR WHERE THE LEFT FRONT AND REAR TAIL PIPES CONNECT. USING THE 5/16 X 1" BOLT, NUT, LOCK AND FENDER WASHER, INSTALL A BR91930 HANGER TO THE FRAME AND ATTACH TO THE LEFT TAIL PIPE USING A 2-1/2" CLAMP. YOU WILL NEED TO PUT A BEND IN THE HANGER TO MOUNT IT TO THE BOTTOM OF THE FRAME.

10) INSTALL THE RIGHT FRONT TAIL PIPE USING A 2-1/2" CLAMP TO THE RIGHT OUTLET OF THE MUFFLER. INSTALL THE RIGHT REAR TAIL PIPE TO THE RIGHT FRONT TAIL PIPE USING A 2-1/2" CLAMP.

11) INSTALL THE 2-1/2" REAR HANGER CLAMP TO THE RIGHT FRONT TAIL PIPE JUST AFTER THE AXLE, AND BELOW THE O.E. RUBBER HANGER MOUNT, CONNECT THE WIRE PORTION OF THE HANGER TO THE MOUNT.

12) TRIM THE TAIL PIPES AS NECESSARY, AND INSTALL THE STAINLESS STEEL TIPS TO THE VEHICLE USING THE REMAINING 2-1/2" CLAMPS. TIGHTEN ALL CLAMPS AND BOLTS AND CHECK FOR CLEARANCE OF THE FRAME, BODY, CHASSIS MEMBERS, AND BRAKE AND FUEL LINES.

HARDWARE KIT FOR KIT #2404565:

- 7) 2-1/2" CLAMPS STAINLESS STEEL
- 2) 3" CLAMPS STAINLESS STEEL
- 1) 5/16" NUTS STAINLESS STEEL
- 1) (360 SWINGER HANGER)--BR91930
- 1) 5/16" X 1" BOLTS STAINLESS STEEL
- 1) FENDER WASHERS STAINLESS STEEL
- 1) 5/16" LOCK WASHERS STAINLESS STEEL
- 1) 3" HANGER CLAMP #2861ss
- 1) 2-1/2" FRONT HANGER CLAMP #2855ss
- 1) 2-1/2" REAR HANGER CLAMP #2854ss
- 1) FRONT EXTENSION PIPE--# 2404565-1
- 1) LEFT TAIL PIPE--# 2404565L
- 1) RIGHT TAIL PIPE--# 2404565R
- 1) LEFT TAIL PIPE EXTENSION--# 2404565-3
- 1) MUFFLER # 458442
- 1) MIDDLE EXTENSION PIPE--# 2404565-2
- 1) RIGHT TAIL PIPE EXTENSION--# 2404565-4
- 2) 9363009 STAINLESS STEEL TIPS

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.

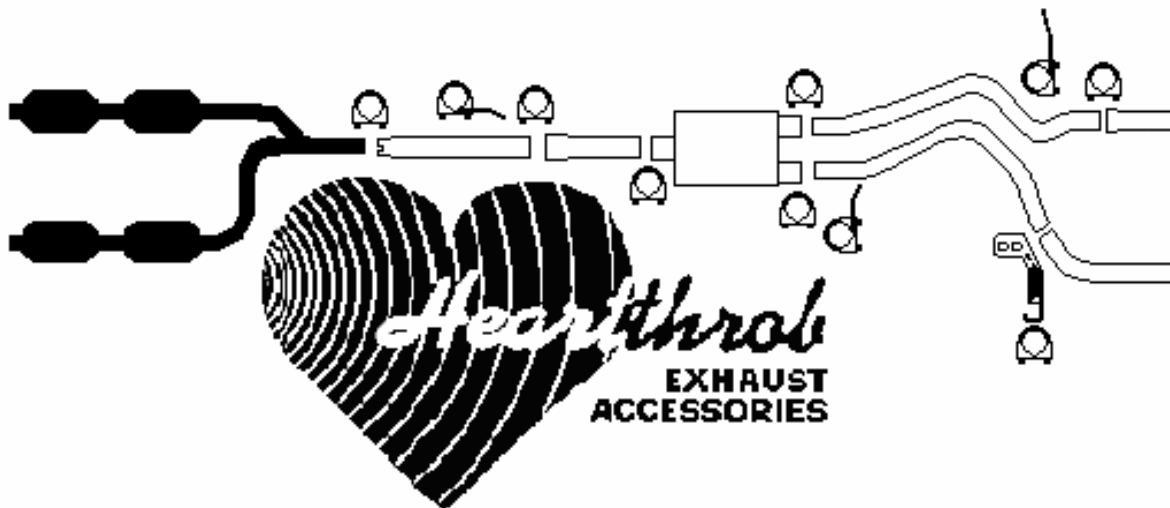
Limitation of liability--Disclaimers: The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

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.



Heartthrob Exhaust Inc.--Litchfield, Mn

For detailed digital installation photos email us at mike@heartthrobexhaust.com

www.heartthrobexhaust.com 320-693-0222

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

PART #'S: 2404655 STAINLESS STEEL KIT

- _____ 1) FRONT EXTENSION PIPE--# 2404565-1
- _____ 1) LEFT TAIL PIPE--# 2404565L
- _____ 1) RIGHT TAIL PIPE--# 2404565R
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- _____ 1) RIGHT TAIL PIPE EXTENSION--# 2404565-4
- _____ 1) HARDWARE KIT
- _____ 2) 9363009 STAINLESS STEEL TIPS

INSPECTED BY: _____

DATE: _____

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