

INSTRUCTIONS FOR KIT #4005550 4" DIESEL KIT TURBO-BACK KIT

FITS: 1989-1993 FULL-SIZE DODGE 3/4 & 1 TON RAM W/5.9L SIX CYLINDER TURBO DIESEL, 2WD & 4WD, ALL WHEEL BASES (135" and 149"), THIS IS A TURBO-BACK EXHAUST KIT, FOR VEHICLES WITHOUT CATALYTIC CONVERTER.

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 AT 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 AT THE TURBO. YOU WILL NEED TO REMOVE THE O.E. HANGER NEAR THE TURBO THAT IS ON THE TRANSMISSION BELL HOUSING. WE INCLUDE A 3/8" X 2" BOLT TO USE INSTEAD OF THE O.E. BOLT FOR YOU TO REINSTALL FOR CLEARANCE OF THE DOWN PIPE.

2) INSTALL THE DOWN PIPE TO THE TURBO USING THE ORIGINAL V-BAND CLAMP. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE. MAKE SURE TO REMOVE THE O.E. HANGER AT THIS TIME AND INSTALL THE SHORTER 3/8" X 2" BOLT.

3) INSTALL THE I.D. END OF THE FRONT EXTENSION PIPE TO THE DOWN PIPE USING A 4" CLAMP. ROTATE THE PIPE FOR CLEARANCE OF THE CROSS MEMBER, THIS PIPE HAS 4 BENDS.

4) USE THE 4" CLAMP TO ATTACH THE REAR EXTENSION PIPE (STRAIGHT PIPE) TO THE FRONT EXTENSION PIPE. THIS PIPE WILL FIT THE 149" WHEEL BASE MODELS WITHOUT CUTTING, FOR 135" WHEEL BASE MODELS, YOU WILL NEED TO CUT OFF 14" FROM THE O.D. END (THE END THAT IS NOT EXPANDED).

5) INSTALL THE 4" HANGER CLAMP TO MIDDLE OF THE REAR EXTENSION PIPE, AND CONNECT THE WIRE PORTIONS OF THE HANGER TO THE O.E. MOUNTS ABOVE

6) INSTALL THE MUFFLER TO THE REAR EXTENSION PIPE USING A 4" CLAMP. NOTE: THE EXHAUST SHOULD FLOW OVER, AND NOT DIRECTLY INTO, THE LOUVERS OF THE MUFFLER.

7) INSTALL THE 5" HANGER CLAMP TO THE MIDDLE OF THE MUFFLER BELOW THE O.E. MOUNTS. INSTALL THE WIRE PORTION OF THE HANGERS TO THE O.E. RUBBER MOUNTS ABOVE THE HANGERS.

8) INSTALL THE TAIL PIPE TO THE MUFFLER USING A 4" CLAMP

9) INSTALL A BR91930 HANGER TO THE FRAME AT A POINT AFTER WHERE THE LAST BEND IN THE TAIL PIPE IS. USE THE INCLUDED HARDWARE. DRILL A HOLE IN THE FRAME IF NECESSARY IN A SUITABLE LOCATION. ATTACH THE HANGER TO THE TAIL PIPE USING A 4" CLAMP.

10) FOR THOSE WITH DUALY MODELS, YOU WILL NEED TO INSTALL THE TAIL PIPE EXTENSION TO THE TAIL PIPE USING BY EITHER WELDING (RECOMMENDED FOR APPEARANCE REASONS) OR USING A 4" CLAMP (INCLUDED). YOU MAY NEED TO TRIM TO LENGTH AND STYLE OF CUT.

11) TIGHTEN ALL CLAMPS AND BOLTS AND CHECK FOR CLEARANCE OF THE FRAME, BODY, AND BRAKE AND FUEL LINES.

HARDWARE KIT FOR KIT #4005550:

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| 1) DOWN PIPE # 4005551 | 6) 4" CLAMPS # MC7400 |
| 1) FRONT EXTENSION PIPE # 4005552 | 1) 4" HANGER CLAMP # 2805 |
| 1) REAR EXTENSION PIPE # 4005553 | 1) REAR 5" HANGER CLAMP #2804 |
| 1) TAIL PIPE # 4005505 | 1) 3/8" X 2" BOLT |
| 1) TAIL PIPE EXTENSION # 4005507 | 1) 5/16" X 1" BOLT |
| 1) MUFFLER #5024-114AL | 1) 5/16" NUT |
| | 1) 5/16" LOCK WASHER |
| | 1) FENDER WASHER (33219) |
| | 1) BR91930 HANGER |

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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.

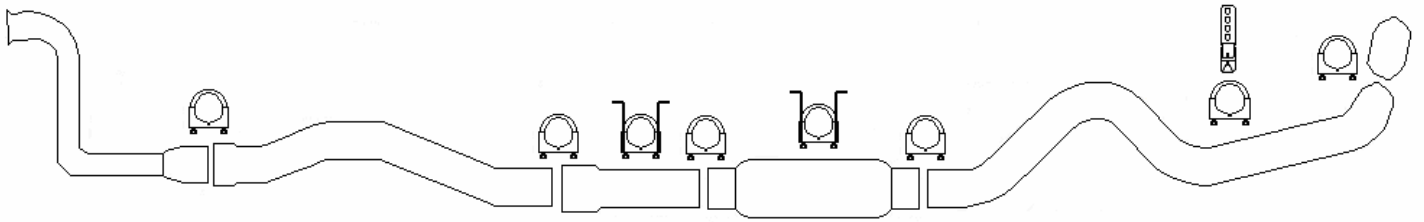
Limitation of liability--Disclaimers: The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

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 systems are manufactured by Heartthrob Exhaust--Litchfield, MN

Email us at mike@heartthrobexhaust.com for detailed digital pictures of this system installed.

BUILD SHEET FOR: 4" DIESEL KIT

PART #'S: 4005550

- _____ 1) HARDWARE KIT
- _____ 1) DOWN PIPE # 4005551
- _____ 1) FRONT EXTENSION PIPE # 4005552
- _____ 1) REAR EXTENSION PIPE # 4005553
- _____ 1) TAIL PIPE # 4005505
- _____ 1) TAIL PIPE EXTENSION # 4005507
- _____ 1) MUFFLER #5024-114AL

INSPECTED BY: _____

DATE: _____

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