

Installation Instructions for 30414

2.5" Cat-Back Dual Exhaust Kit

2001-2005 GM 2500HD & 3500 Pickup

2WD & 4WD 6.0L & 8.1L

Crew Cab Short Box

Kit Includes:

2) Left and right extension pipe	1) 3" HANGER CLAMP	1) 5/16" x 1" bolt
1) Muffler	1) 2 - 1/2" front hanger clamp	1) 5/16" nut
1) Left front tail pipe	4) 3" CLAMPS	1) 5/16" lock washer
2) Left & right rear tail pipes	1) 2-1/2" rear hanger clamp	
1) Right front tail pipe	3) 2-1/2" clamps	
1) BR104 hanger	1) 3/8" lock washer	
1) BR755 hanger	2) Fender washers	
1) 3/8" x 1 -1/4" bolt	1) St hanger bushing	
1) 3/8" nut	1) Cable tie	

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.

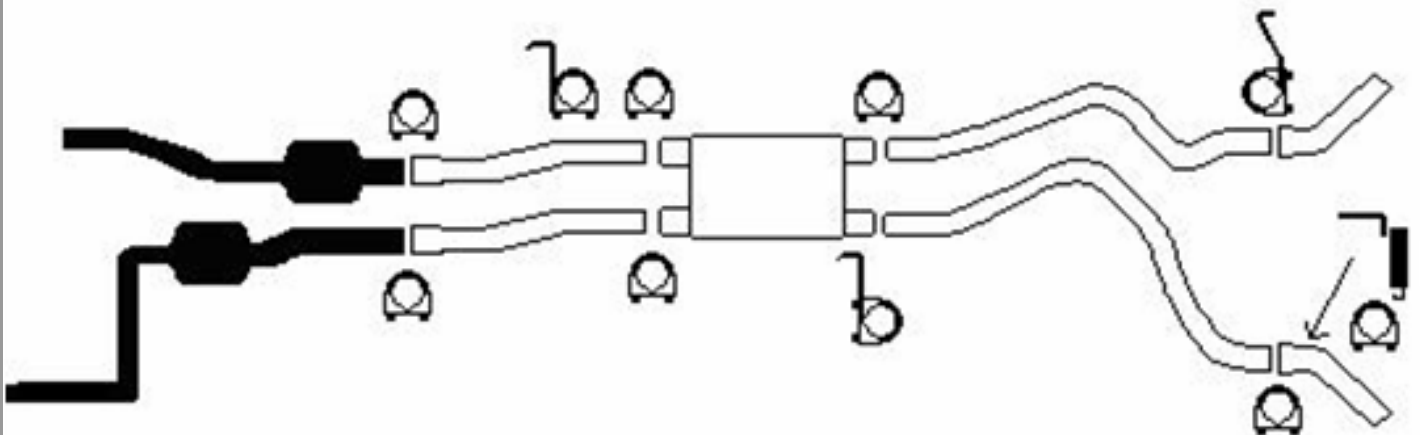
Limitation of liability --Disclaimers: The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

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.



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NOTE: DO NOT TIGHTEN ANY CLAMPS OR BOLTS UNTIL THE LAST STEP! READ THESE INSTRUCTIONS FULLY AND THOROUGHLY BEFORE YOU BEGIN.

- 1) Support the vehicle in a safe manner. We recommend using a drive on shop hoist for quickest and safest installation. If using floor jacks, support the vehicle at all four corners safely on a level surface.
- 2) You will need to remove the exhaust after the converters, but reuse some of the OE extension pipes on both sides. Cut both OE extension pipes 12" in front of the inlets of the muffler, we recommend using a hack saw or a reciprocating saw to cut. You may need to cut the system in a couple of pieces to make it easier to remove.
- 3) Install the i.d. end of driver and passenger side extension pipes (they are identical) to front extension pipes using 3" clamps. The driver side extension pipe will need to be rotated for clearance and to fit into the muffler.
- 4) Install the 3" hanger clamp to the passenger side extension pipe after the second bend. Attach the wire portion of the hanger to the OE mount above.
- 5) Install the muffler to the extension pipes using the 3" clamps.
- 6) Install the right front tail pipe to the passenger side outlet of the muffler using a 2-1/2" clamp .The right front tail pipe has 5 bends, the long end is the inlet, and it is routed between the shock and the spare.
- 7) Install a rear tail pipe to the right front tail pipe using the rear 2-1/2" hanger clamp to connect the two pieces. Attach the wire portion of the hanger clamp to the OE mount above.
- 8) Install the left front tail pipe to the driver side outlet of the muffler using the front 2-1/2" hanger clamp. The left front tail pipe has 4 bends, the long end is the inlet, and it is routed between the shock and the spring.
- 9) Install a rear tail pipe to the left front tail pipe using a 2-1/2" clamp to connect the two pieces.
- 10) Just after the connecting point in step 9), you will need to install the BR755 hanger to the frame (use the existing hole in the frame, or drill one if preferred) using the st hanger bushing 2793 on top of the OE hole, fender washer, 3/8" x 1 - 1/4" bolt, 3/8" lock washer, and 3/8" nut, and attach the br104 hanger to the br755 using the 5/16" hardware. The hanger should be bent down to connect to the rear tail pipe, and connect to the tail pipe using a 2-1/2" clamp.
- 11) Use the cable tie to tie off the brake and breather lines to the emergency brake line. **DO NOT ALLOW THESE LINES TO BE NEAR THE LEFT TAIL PIPE!!**
- 12) Tighten all clamps, hangers, and the bolts, and check for clearance of the body, frame, chassis and suspension members, and of the brake and fuel lines.



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