

Installation Instructions for 31100

2.5" Dual Exhaust Kit

1988-1993 Full Size GM 1/2 & 3/4 ton 2WD & 4WD Pickups 7.5L

V8 Only w/ 3" Exhaust at Converter

All Wheel Base Models

Does Not Fit 305 or V6

Kit Includes:

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|--------------------------------|-------------------------|
| 2) 3" CLAMPS | 1) FRONT EXTENSION PIPE |
| 7) 2-1/2" CLAMPS | 1) LEFT TAIL PIPE |
| 2) BR91930 360 SWINGER HANGERS | 1) RIGHT TAIL PIPE |
| 2) 5/16" x 1" BOLTS | 2) TAIL PIPE EXTENSIONS |
| 2) 5/16" NUTS | 1) MUFFLER |
| 2) FENDER WASHERS | |
| 2) 5/16" LOCK WASHERS | |
| 1) 3" HANGER CLAMP | |
| 1) TWISTED LB14 HANGER CLAMP | |

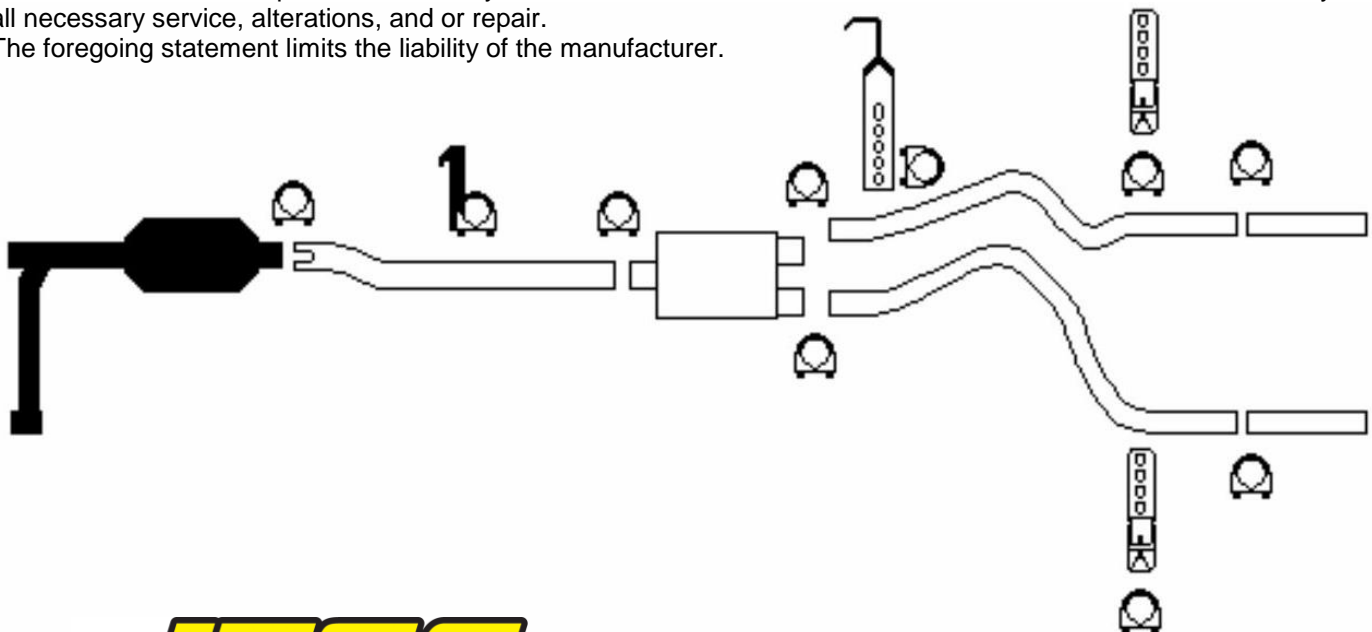
DANGER WARNING: SHOULD THE PURCHASER DECIDE TO INSTALL THIS, OR ANY OTHER EXHAUST PRODUCT AT HOME, BE WARNED THAT PLEASURE CAR OR LIGHT DUTY TRUCK/VAN "BUMPER JACKS" ARE INTENDED FOR EMERGENCY USE ONLY. THE USE OF FRAME CONTACT JACK STANDS IN CONJUNCTION WITH A FLOOR JACK AS MAIN SUPPORT IS HIGHLY RECOMMENDED 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.



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

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

NOTE: THE FRONT PIPE WILL NEED TO BE CUT TO FIT THE SHORTER WHEEL BASE MODELS. THIS PIPE FITS EXTENDED CAB LONG BOX MODELS WITHOUT CUTTING.

2) SLIP THE FRONT PIPE INTO PLACE ON THE CONVERTER AND SLIDE A 3" CLAMP ON THE PIPE.

FOR THOSE WITH REGULAR CAB SHORT BOX MODELS, CUT 38" OFF THE FRONT PIPE FROM THE END THAT IS NOT EXPANDED. FOR THOSE WITH REGULAR CAB LONG BOX MODELS, CUT 24" OFF THE FRONT PIPE FROM THE END THAT IS NOT EXPANDED. FOR THOSE WITH EXTENDED CAB SHORT BOX, CUT 14" OFF THE FRONT PIPE FROM THE END THAT IS NOT EXPANDED. FOR THOSE WITH REGULAR CAB LONG BOX, GO TO STEP 3).

3) INSTALL THE 3" HANGER CLAMP TO THE EXTENSION PIPE AT THE FRONT O.E. RUBBER MOUNT.

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

5) INSTALL THE RIGHT TAIL PIPE TO THE MUFFLER USING A 2-1/2" CLAMP. INSTALL THE LB14 TWISTED HANGER TO THE O.E. RUBBER MOUNT JUST AFTER THE CONNECTING POINT OF THE RIGHT TAIL PIPE AND THE MUFFLER. CLAMP THE LB14 TWISTED HANGER TO THE RIGHT TAIL PIPE USING A 2-1/2" CLAMP.

6) LOCATE OR DRILL A HOLE IN THE FRAME NEAR THE END OF THE OVER THE AXLE SECTION OF THE RIGHT TAIL PIPE AFTER THE LAST BEND. USING THE 5/16 x 1" BOLT, NUT, LOCK AND FENDER WASHER, INSTALL THE BR91930 (360 SWINGER HANGER) TO THE FRAME AND ATTACH TO THE RIGHT TAIL PIPE USING A 2-1/2" CLAMP.

7) INSTALL THE LEFT TAIL PIPE USING A 2-1/2" CLAMP TO THE LEFT OUTLET OF THE MUFFLER. THE LEFT TAIL PIPE GOES UP OVER THE DIFFERENTIAL AND TO THE LEFT OF THE REAR SHOCK.

8) LOCATE OR DRILL A 5/16" HOLE IN THE FRAME ABOVE THE LEFT TAIL PIPE AFTER THE LAST BEND IN THE TAIL PIPE. INSTALL A BR91930 SWINGER HANGER TO THE FRAME USING A 5/16" x 1" BOLT, NUT, LOCK WASHER, AND FENDER WASHER. CONNECT THE HANGER AND THE LEFT TAIL PIPE USING A 2-1/2" CLAMP.

9) INSTALL THE 30" I.D/O.D TAIL PIPE EXTENSIONS TO THE LEFT AND RIGHT TAIL PIPE USING 2-1/2" CLAMPS. (YOU WILL WANT TO TRIM THE EXTENSION TO YOUR DESIRED LENGTH.)

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



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