

## **INSTRUCTIONS FOR KIT #2004400 DUAL KIT**

FITS 1980-1996 FULL-SIZE FORD 1/2 & 3/4 TON 2WD & 4WD PICKUPS W/V-8 & 6 CYL. WITH 2-1/4" EXHAUST AT THE CONVERTER. THIS KIT FITS ALL W.B. MODELS. DOES NOT FIT DIESEL, AND 460 AND 351 C.I. WITH 2-1/2" EXHAUST AT THE CONVERTER.

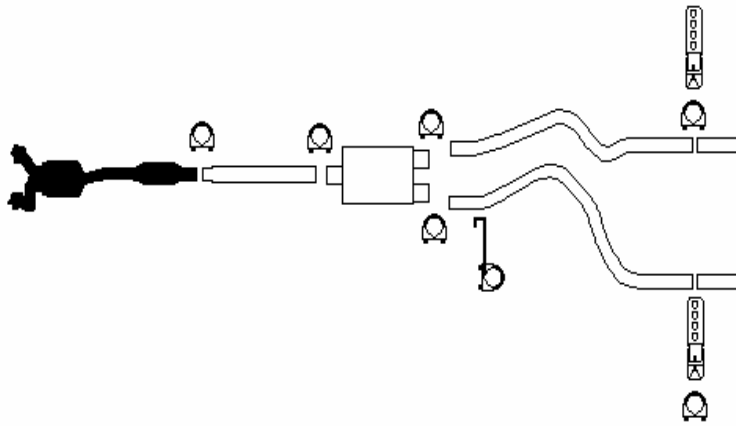
**NOTE: DO NOT TIGHTEN ANY CLAMPS OR BOLTS UNTIL THE LAST STEP!**

- 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 EXTENSION PIPE WILL FIT THE LONGER WHEEL BASE TRUCKS WITHOUT CUTTING. ON ALL OTHER VEHICLES THE EXTENSION PIPE WILL NEED TO BE CUT FROM THE 3" **O.D.** END (THE END THAT IS NOT SHRUNK) AS NECESSARY.
- 2) SLIP THE EXTENSION PIPE INTO PLACE. WITH THE TAIL PIPES IN THE REAR OF THE MUFFLER, HOLD UP THE MUFFLER AND TAIL PIPES IN A POSITION THAT CLEARS ALL CHASSIS COMPONENTS. MARK THE EXTENSION PIPE. MAKE SURE TO ACCOUNT FOR AT LEAST 2" OF THE PIPE TO GO INTO THE MUFFLER. CUT THE FRONT PIPE.
- 3) USE THE 2-1/4" CLAMP TO ATTACH THE EXTENSION PIPE TO THE CONVERTER PIPE.
- 4) USE THE 3" MUFFLER CLAMP TO ATTACH THE INLET OF THE MUFFLER AND THE EXTENSION PIPE TOGETHER.
- 5) INSTALL THE LEFT TAIL PIPE. INSTALL THE 2-1/4" WELDED HANGER CLAMP TO THE O.E. RUBBER HANGER MOUNT ABOVE THE LEFT TAIL PIPE JUST AFTER THE MUFFLER. CLAMP THE 2-1/4" WELDED HANGER CLAMP TO THE LEFT TAIL PIPE.
- 6) INSTALL A 30" I.D/O.D TAIL PIPE EXTENSION TO THE LEFT TAIL PIPE. (YOU WILL WANT TO TRIM THE EXTENSION TO YOUR DESIRED LENGTH.)
- 7) LOCATE OR DRILL A HOLE IN THE FRAME NEAR THE END OF THE OVER THE AXLE SECTION OF THE LEFT TAIL PIPE ABOVE WHERE THE TAIL PIPE AND EXTENSION PIPE JOIN. 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 LEFT TAIL PIPE USING A 2-1/4" CLAMP (YOU WILL USE THIS SAME CLAMP TO CONNECT THE OVER THE AXLE PIPE AND THE REAR EXTENSION PIPE). **NOTE:** BOTH TAIL PIPES ARE ROUTED BETWEEN THE SHOCK AND THE SPARE TIRE. THE LEFT TAIL PIPE HAS A 48 DEG. FIRST BEND AND 65 DEG. LAST BEND, AND THE RIGHT TAIL PIPE HAS A 30 DEG. FIRST BEND AND 65 DEG. LAST BEND. THE OUTLETS OF BOTH TAIL PIPES ARE THE LONG ENDS, AND THE LEFT TAIL PIPE IS THE PIPE WITH THE SHORTER INLET.
- 8) INSTALL THE RIGHT TAIL PIPE USING A 2-1/4" CLAMP TO THE RIGHT OUTLET OF THE MUFFLER.
- 9) INSTALL A 30" I.D/O.D TAIL PIPE EXTENSION TO THE RIGHT TAIL PIPE. (YOU WILL WANT TO TRIM THE EXTENSION TO YOUR DESIRED LENGTH.)
- 10) LOCATE OR DRILL A HOLE IN THE FRAME NEAR THE END OF THE OVER THE AXLE SECTION OF THE RIGHT TAIL PIPE ABOVE WHERE THE TAIL PIPE AND EXTENSION PIPE JOIN. USING THE 5/16" X 1" BOLT, NUT, LOCK AND FENDER WASHER, INSTALL THE BR91930 (360 SWINGER HANGER) TO THE FRAME AND CONNECT TO THE JUNCTION OF THE RIGHT TAIL PIPE AND REAR EXTENSION PIPE USING A 2-1/4" CLAMP.
- 11) TIGHTEN ALL CLAMPS AND BOLTS AND CHECK FOR CLEARANCE OF THE FRAME, BODY, AND BRAKE AND FUEL LINES.

### **HARDWARE KIT FOR KIT #2004400:**

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|------------------------------------|-------------------------------------|
| 1) FRONT EXTENSION PIPE #2004400-1 | 1) 3" CLAMP                         |
| 1) LEFT TAIL PIPE #2004400-2       | 5) 2-1/4" CLAMPS                    |
| 1) RIGHT TAIL PIPE #2005000-3      | 2) BR91930 360 SWINGER HANGERS      |
| 2) TAIL PIPE EXTENSIONS #2005000-7 | 2) 5/16" X 1" BOLT                  |
| 1) MUFFLER #907                    | 2) 5/16" NUT                        |
|                                    | 2) FENDER WASHER (33219)            |
|                                    | 2) 5/16" LOCK WASHER                |
|                                    | 1) 2-1/4" WELDED HANGER CLAMP-#2906 |

**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.



## **2-1/4" Cat-Back Dual Exhaust Kit 2004400**

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.

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THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.

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Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN

Email us at [mike@heartthroboxhaust.com](mailto:mike@heartthroboxhaust.com) with any questions. [www.heartthroboxhaust.com](http://www.heartthroboxhaust.com)

320-693-0222

**BUILD SHEET FOR: 2-1/4" CAT-BACK DUAL KITS  
PART #:2004400**

- \_\_\_ 1) FRONT EXTENSION PIPE #2004400-1
- \_\_\_ 2) TAIL PIPE EXTENSION #2005000-7
- \_\_\_ 1) LEFT TAIL PIPE #2004400-2
- \_\_\_ 1) RIGHT TAIL PIPE #2005000-3
- \_\_\_ 1) #907 TURBO MUFFLER
- \_\_\_ 1) HARDWARE KIT

INSPECTED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

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