

1973-1982, 1987 GM PICKUP 1/2, 3/4, 1 TON 2WD WITH SMALL BLOCK V-8 (305-400)

1973-1982, 1987-1991 GM SUBURBAN/CARRYALL-BLAZER/JIMMY 2WD WITH SMALL BLOCK V-8 (305-400)

NOTE: THE CATALYTIC CONVERTERS ARE NOT SUPPLIED WITH THIS EXHAUST SYSTEM.

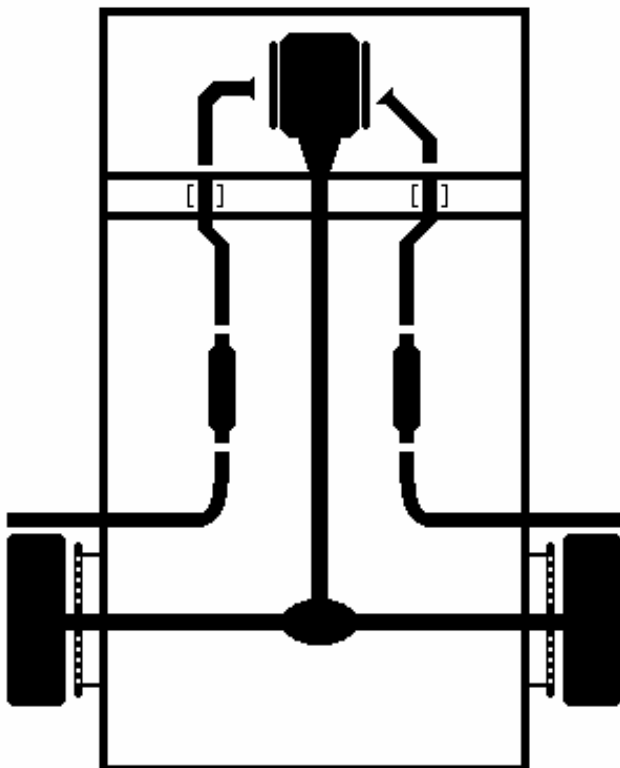
NOTE: THE TAIL PIPES EXIT IN FRONT OF THE REAR WHEELS!!

**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.

**HARDWARE KIT:**

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|-------------------------|--|
| 4) LB7 HANGERS          | 1) #16546 LEFT MANIFOLD PIPE                 |
| 4) SNAPPER GROMMETS     | 1) #16507 RIGHT MANIFOLD PIPE                |
| 4) 5/16" X 1-1/2" BOLTS | 2) #15527 LEFT & RIGHT FRONT EXTENSION PIPES |
| 4) 5/16" NUTS           | 1) LEFT TAIL PIPE #T997                      |
| 8) 2-1/4" CLAMPS        | 2) GLASS PACK MUFFLERS (3018502)             |
| 2) F3214 FLANGES        | 1) RIGHT TAIL PIPE #T996                     |

HANGER CONSISTS OF AN 'L' STRAP CONNECTED TO THE FRAME WITH A 5/16" BOLT, WASHER, SNAPPER GROMMET, AND NUT.



KIT # 8181440

**INSTALLATION INSTRUCTIONS:**

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

- 1) REMOVE THE OLD EXHAUST SYSTEM. SAVE THE OLD GASKETS AND SLEEVES (IF NECESSARY) FROM THE ORIGINAL FRONT PIPES. REMOVE THE OLD HANGERS.
- 2) INSTALL THE LEFT (#16546--85 DEG. BEND) AND RIGHT (#16507--45 DEG. BEND) MANIFOLD PIPES USING THE ORIGINAL GASKETS AND INCLUDED FLANGES, AND THE OLD SLEEVES IF NECESSARY. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE.
- 3) INSTALL THE LEFT AND RIGHT FRONT EXTENSION PIPES TO THE MANIFOLD PIPES USING 2-1/4" CLAMPS. TIGHTEN ENOUGH ONLY TO HOLD IN PLACE. NOTE: FOR VEHICLES REQUIRING CATALYTIC CONVERTERS TO MEET EPA GUIDELINES, CONVERTER PART # 73-7774 OR EQUIVALENT SHOULD BE INSTALLED ON THE MANIFOLD PIPES. SEE DRAWING. CONVERTERS ARE NOT INCLUDED IN THIS KIT. NOTE: FOR BLAZER/JIMMY, LENGTH MAY NEED TO BE CUT FROM THE END OF THE PIPES FOR PROPER FIT.
- 4) INSTALL THE GLASS PACK MUFFLERS ONTO THE FRONT EXTENSION PIPES USING 2-1/4" CLAMPS. NOTE: THE EXHAUST SHOULD RUN **OVER** THE LOUVERS OF THE GLASS PACK CORE, AND NOT DIRECTLY INTO THE LOUVERS FOR PROPER SOUND CONTROL. ROTATE THE FRONT EXTENSION PIPES TO CLEAR THE TRANSFER CASE, DRIVESHAFT, AND FRAME. OVER THE FRONT OR REAR OF THE MUFFLERS YOU WILL FIND A CROSS-MEMBER OR BODY MOUNT THAT A HOLE CAN BE DRILLED FOR A 5/16" BOLT TO HOLD AN LB7 HANGER IN PLACE. ATTACH THE LB7 TO THE FRAME USING A 5/16" BOLT, GROMMET, AND NUT, AND CLAMP TO THE MUFFLER USING A 2-1/4" CLAMP.
- 5) INSTALL THE LEFT & RIGHT TAIL PIPES TO THE MUFFLERS USING 2-1/4" CLAMPS.
- 6) TRIM TAIL PIPES TO YOUR DESIRED LENGTH. AS THE TAIL PIPE GOES UNDER THE FRAME ON ITS WAY OUT OF THE VEHICLE, FIND A HOLE IN THE AREA OR DRILL A 5/16" HOLE IN THE FRAME. INSTALL AN LB7 HANGER USING A 5/16" BOLT, NUT AND GROMMET AND CLAMP THE HANGERS TO THE TWO PIPES USING 2-1/4" CLAMPS.
- 7) MAKE SURE THAT ALL THE PARTS OF THE SYSTEM ARE CLEAR OF FRAME MEMBERS, ALL HOSES, SUSPENSION, AND BRAKE AND FUEL LINES. STARTING AT THE EXHAUST MANIFOLDS, TIGHTEN ALL CONNECTIONS AND NUTS. MAKE SURE ALL PARTS ARE CLEAR AND WILL NOT LEAK OR RATTLE. AFTER SEVERAL DAYS OF DRIVING RETIGHTEN ALL BOLTS.

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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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**      320-693-0222

**BUILD SHEET FOR: DUAL KITS W/ GLASSPACKS**

**PART #: 8181440 OR 8144**

- \_\_\_\_\_ 1) #16546 LEFT MANIFOLD PIPE
- \_\_\_\_\_ 1) #16507 RIGHT MANIFOLD PIPE
- \_\_\_\_\_ 2) #15527 LEFT & RIGHT FRONT EXTENSION PIPES
- \_\_\_\_\_ 1) LEFT TAIL PIPE #T997
- \_\_\_\_\_ 2) GLASS PACK MUFFLERS (3018502)
- \_\_\_\_\_ 1) RIGHT TAIL PIPE #T996
- \_\_\_\_\_ 1) HARDWARE KIT

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

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

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