

KIT # 8189960
1977-1/2-1978 FORD PICKUP 1/2, 3/4 TON 2WD & 4WD WITH 302 C.I.

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

NOTE: THIS DUAL KIT RUNS DOWN THE RIGHT HAND SIDE BETWEEN THE FRAME AND THE DRIVE SHAFT.

NOTE: YOU MAY NEED TO REPLACE THE MANIFOLD STUD WITH BOLTS, OR USE SPACERS BETWEEN THE FLANGE AND NUTS. This item is not legal for sale in California.

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) #E791 LEFT MANIFOLD PIPE |
| 4) SNAPPER GROMMETS | 1) #E792 RIGHT MANIFOLD PIPE |
| 4) 5/16" X 1-1/2" BOLTS | 1) #E789 LEFT FRONT EXTENSION PIPE |
| 4) 5/16" NUTS | 1) #E790 RIGHT FRONT EXTENSION PIPE |
| 6) 2-1/4" CLAMPS | 2) GLASS PACKS (3018502) |
| 2) 2" CLAMPS | 1) #T995 LEFT TAIL PIPE |
| | 1) #T996 RIGHT TAIL PIPE |

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

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, THE 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.

CALIFORNIA VEHICLE CODE SECTION 27156 PROHIBITS THE ADVERTISING, OFFERING FOR SALE, OR INSTALLATION OF ANY DEVICE WHICH MODIFIES A VEHICLE'S EMISSION CONTROL SYSTEM. THIS PRODUCT IS THEREFORE NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON VEHICLES EQUIPPED WITH CATALYTIC CONVERTERS.

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

Email us at mike@heartthrobexhaust.com with any questions.

www.heartthrobexhaust.com 320-693-0222

KIT # 818996 8996

INSTALLATION INSTRUCTIONS:

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

1) REMOVE THE OLD EXHAUST SYSTEM.

2) INSTALL THE LEFT (#E791--2" PIPE WITH 45 DEG. FLARE AND 34" LONG, 3 bends) AND RIGHT (#E792--2" PIPE WITH 45 DEG. FLARE AND 45" LONG, 1 bend) MANIFOLD PIPES USING THE ORIGINAL FLANGES. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE.

3) INSTALL THE LEFT (E789--60" LONG WITH AN END SHRUNK TO 2" I.D.) AND RIGHT (E790--30" LONG WITH AN END SHRUNK TO 2" I.D.) EXTENSION PIPES TO THE MANIFOLD PIPES USING 2" CLAMPS. NOTE: FOR VEHICLES REQUIRING CATALYTIC CONVERTERS TO MEET EPA GUIDELINES, CONVERTER PART # 73-7774 OR EQUIVALENT SHOULD BE INSTALLED ON PIPES #E789 & #E790. SEE DRAWING. CONVERTERS ARE NOT INCLUDED IN THIS KIT.

4) INSTALL THE MUFFLERS ONTO THE FRONT EXTENSION PIPES INSTALLED IN STEP 3, USING 2-1/4" CLAMPS, BUT DO NOT TIGHTEN YET. NOTE: THE GLASS PACKS SHOULD BE RUN WITH THE EXHAUST GOING OVER, AND NOT DIRECTLY INTO, THE LOUVERS. ROTATE THE FRONT EXTENSION PIPES TO CLEAR THE TRANSFER CASE,

DRIVESHAFT, AND FRAME. OVER THE REAR OF THE MUFFLERS YOU WILL FIND A CROSS-MEMBER 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. REMOVE THE STOCK RUBBER HANGER AND SPRING BRACKET FROM THE REAR CROSS-MEMBER. **NOTE:** #E789 & E790 WILL NEED TO BE SHORTENED FOR USE ON SHORT WHEEL BASE PICKUPS AND BRONCOS.

5) INSTALL THE LEFT (#T995--50" LONG) AND RIGHT (#T996--43" LONG) TAIL PIPES TO THE MUFFLERS USING A 2-1/4" CLAMP. BOTH TAIL PIPES ON THE RIGHT SIDE IN FRONT OF THE REAR TIRE (THE LONGER TAIL PIPE FITS INTO THE MUFFLER NEAREST THE DRIVE SHAFT). MOUNT THE REMAINING LB7 HANGER AND BRACKET COMBINATIONS TO THE FRAME ABOVE THE TAIL PIPES AND CONNECT USING 2-1/4" CLAMPS.

6) 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.