

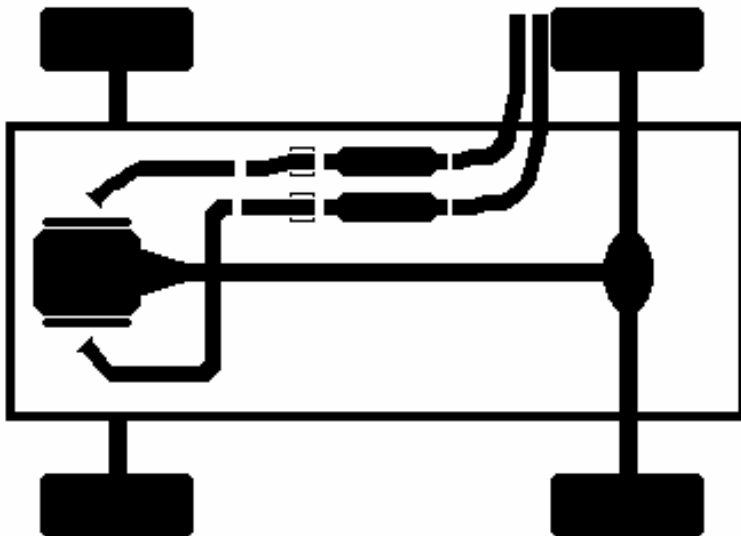
KIT #22-2929 8181530 8153
1977-1979 FORD 1/2 & 3/4 TON PICKUP 4WD V-8 351-400M
1977-1/2-1979 FORD BRONCO 4WD V-8 351-400M

NOTE: THE CONVERTERS ARE NOT SUPPLIED IN THIS KIT!! THIS DUAL KIT RUNS DOWN THE RIGHT HAND SIDE BETWEEN THE FRAME AND THE DRIVE SHAFT.

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:

- | | |
|-------------------------|----------------------------------|
| 4) LB4 HANGERS | 1) #E991 LEFT MANIFOLD PIPE |
| 6) SNAPPER GROMMETS | 1) #E992 RIGHT MANIFOLD PIPE |
| 6) 5/16" X 1-1/2" BOLTS | 1) #E989 LEFT EXTENSION PIPE |
| 6) 5/16" NUTS | 1) #E990 RIGHT EXTENSION PIPE |
| 2) LB9 HANGERS | 1) #T996 LEFT TAIL PIPE |
| 8) 2-1/4" CLAMPS | 1) #T995 RIGHT TAIL PIPE |
| | 2) GLASS PACK MUFFLERS (3018502) |



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.

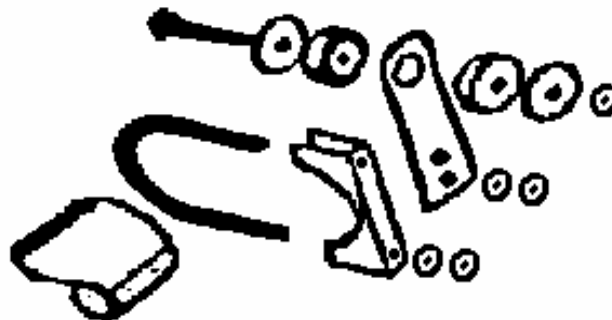
KIT # 22-2929 8181530 8153

INSTALLATION INSTRUCTIONS:

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

NOTE: THIS DUAL EXHAUST SYSTEM RUNS BETWEEN THE FRAME AND THE DRIVE SHAFT ON THE PASSENGER SIDE!!

- 1) REMOVE THE OLD EXHAUST SYSTEM. SAVE THE OLD FLANGES FROM THE ORIGINAL FRONT PIPE.
- 2) INSTALL THE LEFT (#E991--PIPE W/FLARE, 5 BENDS, 70" LONG) AND RIGHT (#E992--PIPE W/FLARE, 2 BENDS, 50" LONG) MANIFOLD PIPES USING THE ORIGINAL FLANGES. YOU WILL NEED TO USE YOUR ORIGINAL MANIFOLD STUDS AND NUTS. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE.
- 3) INSTALL THE LEFT (#E989--36" LONG, ID/OD STRAIGHT PIPE) AND RIGHT (#E990--30" LONG WITH 2 BENDS) FRONT EXTENSION PIPES TO THE MANIFOLD PIPES USING 2-1/4" CLAMPS. CLAMP LIGHTLY INTO PLACE. NOTE: FOR VEHICLES REQUIRING CATALYTIC CONVERTERS TO MEET EPA GUIDELINES, PART # 73-7774 OR EQUIVALENT SHOULD BE INSTALLED ON PIPES #16638. SEE DRAWING.
- 4) INSTALL THE GLASS PACK MUFFLERS ONTO THE FRONT EXTENSION PIPES USING 2-1/4" CLAMPS. NOTE: THE EXHAUST FROM THE VEHICLE SHOULD FLOW OVER, AND NOT INTO, THE LOUVERS OF THE CORE INSIDE THE GLASS PACKS FOR PROPER SOUND CONTROL. ROTATE THE MUFFLERS FOR CLEARANCE FROM THE DRIVE SHAFT AND FRAME.
- 5) OVER THE REAR OF THE GLASS PACKS YOU WILL FIND A CROSS MEMBER. REMOVE THE STOCK HANGERS FROM THE VEHICLE. DRILL A 5/16" HOLE OVER THE OUTLET OF THE GLASS PACKS AND MOUNT THE LB4 HANGERS TO THE CROSS MEMBER USING THE INCLUDED 5/16" X 1-1/2" BOLTS, NUTS, AND SNAPPER GROMMET. CLAMP THE EXHAUST SYSTEM TO THE HANGERS USING A 2-1/4" CLAMP. NOTE: #E989 & E990 ARE TO BE SHORTENED IF USED ON SHORTER WHEEL BASE TRUCKS.
- 6) INSTALL THE LEFT (#T996--THE LONGER OF THE TWO TAIL PIPES) AND RIGHT (#T995) TAIL PIPES TO THE MUFFLERS USING THE SAME 2-1/4" CLAMPS USED IN STEP 6). ROTATE TO CLEAR THE BODY. MOUNT THE LB9 HANGERS ABOVE THE TAIL PIPES TO THE FRAME USING THE INCLUDED HARDWARE AND CLAMP TO THE TAIL PIPES.
- 7) MOUNT THE REMAINING LB4 HANGERS AND HARDWARE TO THE FRAME WHERE NECESSARY.
- 8) 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.



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

www.heartthroboxhaust.com

320-693-0222

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

**BUILD SHEET FOR: DUAL KITS W/ GLASSPACKS
PART #: 22-2929 (8181530 OR 8153)**

- ___ 1) #E991 LEFT MANIFOLD PIPE
- ___ 1) #E992 RIGHT MANIFOLD PIPE
- ___ 1) #E989 LEFT EXTENSION PIPE
- ___ 1) #E990 RIGHT EXTENSION PIPE
- ___ 1) #T996 LEFT TAIL PIPE
- ___ 1) #T995 RIGHT TAIL PIPE
- ___ 2) GLASS PACK MUFFLERS (3018502)
- ___ 1) HARDWARE KIT

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