

KIT #8181510

1977-1/2-1978 FORD 1/2 & 3/4 TON PICKUP 2WD 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. This system is not legal for use on vehicles originally equipped with a catalytic converter. 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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|-------------------------|------------------------------------|
| 2) LB4 HANGERS          | 1) #E891 LEFT MANIFOLD PIPE        |
| 4) SNAPPER GROMMETS     | 1) #E892 RIGHT MANIFOLD PIPE       |
| 4) 5/16" X 1-1/2" BOLTS | 1) #E893 LEFT FRONT EXTENSION PIPE |
| 9) 2-1/4" CLAMPS        | 1) #E989 LEFT REAR EXTENSION PIPE  |
| 4) 5/16" NUTS           | 1) #E990 RIGHT EXTENSION PIPE      |
| 2) LB9 HANGERS          | 1) #T996 LEFT TAIL PIPE            |
|                         | 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.

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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 # 8181510 8151

**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 (#E891--PIPE W/FLARE, 3 BENDS, 734" LONG) AND RIGHT (#E892--PIPE W/FLARE, 5 BENDS, 47.5" 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--50") AND RIGHT (#T995--43") 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) 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

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