

KIT #4146K

HEARTTHROB EXHAUST SYSTEMS ARE MANUFACTURED BY HEARTTHROB EXHAUST--LITCHFIELD, MN
1983-1986 GM ¾, 1 ton PICKUP, Blazer Suburban, Carryall, SMALL BLOCK V-8 (305-400)

NOTE: THE CATALYTIC CONVERTERS ARE NOT SUPPLIED WITH THIS EXHAUST SYSTEM. This item is not legal for use on vehicles originally equipped with a catalytic converter, 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:

- 4) LB7 HANGERS 1) #16546 LEFT MANIFOLD PIPE
- 4) SNAPPER GROMMETS 1) # 8141461 RIGHT MANIFOLD PIPE
- 4) 5/16" X 1-1/2" BOLTS 2) #15527 LEFT & RIGHT FRONT EXTENSION PIPES
- 4) 5/16" NUTS 2) #15507 LEFT & RIGHT REAR EXTENSIONS
- 10) 2-1/4" CLAMPS 1) #15508 LEFT TAIL PIPE 3804L
- 2) F3214 FLANGES 1) #15509 RIGHT TAIL PIPE 3804R
- 2) EG24110 GASKETS 2) SINGLE OFFSET #st48111 MUFFLERS

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.

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INSTALLATION INSTRUCTIONS:

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

- 1) REMOVE THE OLD EXHAUST SYSTEM. SAVE THE OLD SLEEVES (IF NECESSARY) FROM THE ORIGINAL FRONT PIPES. REMOVE THE OLD HANGERS.
- 2) INSTALL THE LEFT (#16546--85 DEG. BEND) AND RIGHT (2 BENDS) MANIFOLD PIPES USING THE INCLUDED GASKETS AND 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.
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.
- 4) INSTALL THE MUFFLERS (SINGLE OFFSET TURBO-TYPE RECOMMENDED) ONTO THE FRONT EXTENSION PIPES USING 2-1/4" CLAMPS. 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. NOTE: IF YOU ARE INSTALLING GLASS PACKS, THE EXHAUST SHOULD GO OVER, AND NOT DIRECTLY INTO, THE LOUVERS
- 5) IF REQUIRED, INSTALL THE 26" LONG #15507 LEFT AND RIGHT REAR EXTENSIONS (NOT USED FOR BLAZER) TO THE MUFFLER USING A 2-1/4" CLAMP.
- 6) INSTALL THE LEFT (#15508) AND RIGHT (#15509) TAIL PIPES TO THE REAR EXTENSIONS USING A 2-1/4" CLAMP.

7) 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.

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

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

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