

KIT #22-2925 8181420 8142

HEARTTHROB EXHAUST SYSTEMS ARE MANUFACTURED BY CREMCO--LITCHFIELD, MN  
1971-1990 CHEVROLET/GMC VAN 2WD WITH V-8 305-350 C.I.--DOES NOT FIT 1 TON VANS

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

**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:**

- |                              |                                          |
|------------------------------|------------------------------------------|
| 2) LB7 HANGERS               | 1) #16541 LEFT MANIFOLD PIPE             |
| 2) LB4 HANGERS               | 1) #16542 RIGHT MANIFOLD PIPE            |
| 4) SNAPPER GROMMETS          | 2) #15541 LEFT & RIGHT EXTENSION PIPES   |
| 4) 5/16" X 1-1/2" LAG SCREWS | 2) LEFT & RIGHT TAIL PIPES 8142L & 8142R |
| 8) 2-1/4" CLAMPS             | 2) GLASS PACK MUFFLERS (3018502)         |
| 2) F3214 FLANGES             |                                          |

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.

[www.heartthrobexhaust.com](http://www.heartthrobexhaust.com)

320-693-0222

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

Email us at [mike@heartthrobexhaust.com](mailto:mike@heartthrobexhaust.com) with any questions.

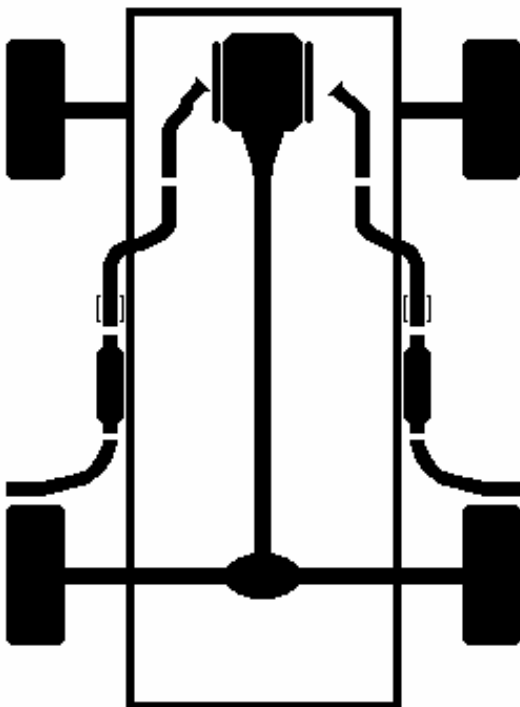
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**INSTALLATION INSTRUCTIONS:**

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

NOTE: THIS EXHAUST SYSTEM RUNS OUTSIDE OF THE FRAME!!

- 1) REMOVE THE OLD EXHAUST SYSTEM. SAVE THE OLD EXHAUST GASKETS, SLEEVES, AND THE MANIFOLD STUDS AND NUTS FROM THE ORIGINAL FRONT PIPES.
- 2) INSTALL THE LEFT (#16541) AND RIGHT (#16542) MANIFOLD PIPES USING THE ORIGINAL GASKETS AND SLEEVES. TIGHTEN ONLY ENOUGH 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 END OF THESE EXTENSION PIPES AND DIRECTLY IN FRONT OF THE MUFFLERS. SEE DRAWING. CONVERTERS ARE NOT INCLUDED IN THIS KIT.
- 3) INSTALL THE LEFT & RIGHT (#15541) FRONT EXTENSION PIPES TO THE MANIFOLD PIPES USING 2-1/4" CLAMPS. DO NOT TIGHTEN. SEE ILLUSTRATION FOR EXTENSION PIPE ROUTING.
- 4) INSTALL THE GLASS PACK MUFFLERS ONTO THE FRONT EXTENSION PIPES USING 2-1/4" CLAMPS--DO NOT TIGHTEN. NOTE: THE GLASS PACKS SHOULD BE RUN WITH THE EXHAUST GOING **OVER**, AND NOT DIRECTLY INTO, THE LOUVERS. DRILL A HOLE IN THE FRAME OVER THE REAR OF THE MUFFLER TO ACCEPT THE LAG SCREW PROVIDED. THIS WILL ENABLE YOU TO BOLT A 90 DEGREE 'LB' HANGER TO THE FRAME SO THAT A CLAMP MAY BE INSTALLED ALONG THE REAR OF THE MUFFLER OUTLET. ATTACH THE LB HANGERS TO THE MUFFLER OUTLETS USING 2-1/4" CLAMPS--DO NOT TIGHTEN.
- 5) INSTALL THE LEFT & RIGHT TAIL PIPES TO THE MUFFLERS USING 2-1/4" CLAMPS. TRIM TAIL PIPES TO YOUR DESIRED LENGTH.
- 6) TWO ADDITIONAL HANGERS AND HARDWARE HAVE BEEN INCLUDED TO INSTALL AS NECESSARY FOR THE TAIL PIPES. DRILL A 1/4" HOLE IN THE FRAME TO BOLT THE OTHER 90 DEGREE 'LB' HANGERS AND MOUNT THE LB HANGER, GROMMET, AND LAG SCREW TO THE VEHICLE. CLAMP THE HANGERS TO THE TWO TAIL 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.



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

**PART #: 22-2925 (8181420 OR 8142)**

- \_\_\_ 1) #16541 LEFT MANIFOLD PIPE
- \_\_\_ 1) #16542 RIGHT MANIFOLD PIPE
- \_\_\_ 2) #15541 LEFT & RIGHT EXTENSION PIPES
- \_\_\_ 2) LEFT & RIGHT TAIL PIPES 8142L & 8142R
- \_\_\_ 2) GLASS PACK MUFFLERS (3018502)
- \_\_\_ 1) HARDWARE KIT

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

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