

KIT #4149SK, 4149GP

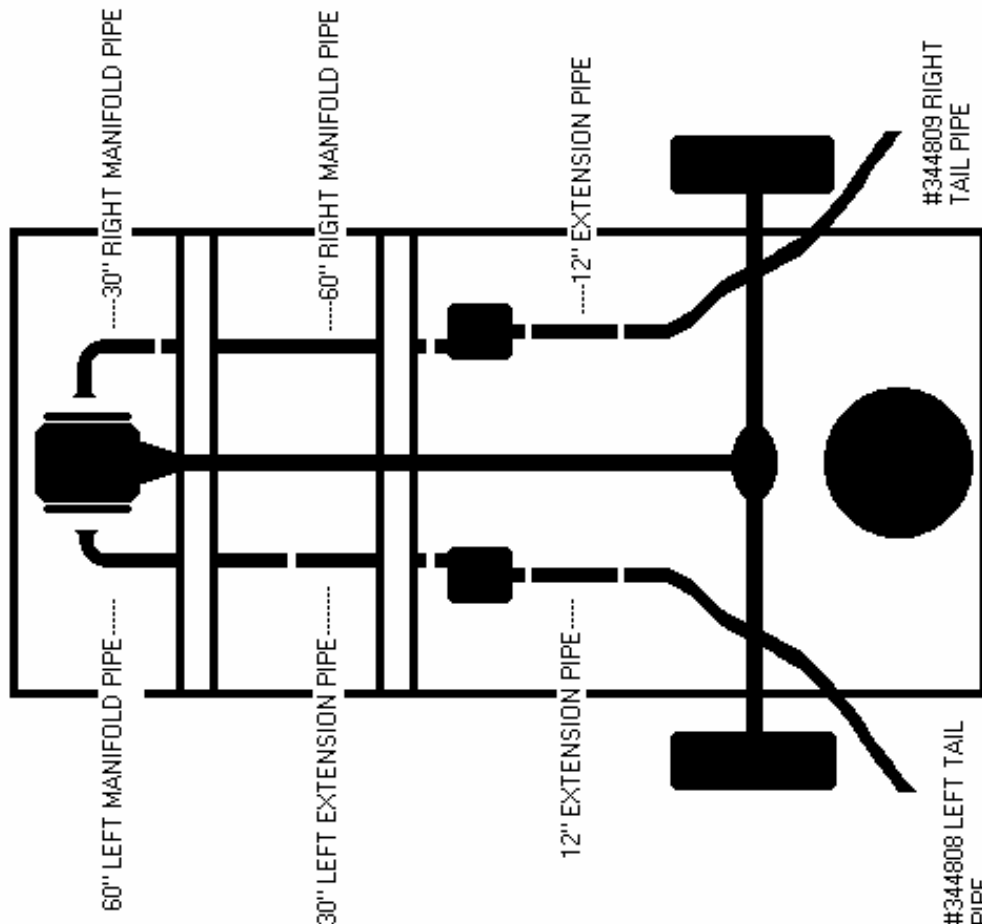
1966-1972 GM PICKUP 1/2, 3/4, 1 TON 4WD WITH SMALL BLOCK

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) ST7 HANGERS | 1) 60" LEFT MANIFOLD PIPE E-31491 |
| 2) LB9 HANGERS | 1) 32" RIGHT MANIFOLD PIPE E-31492 |
| 4) SNAPPER GROMMETS | 1) 30" LEFT FRONT EXTENSION PIPE E-31493 |
| 4) 5/16" X 1-1/2" BOLTS | 1) 60" RIGHT FRONT EXTENSION PIPE E-31494 |
| 4) 5/16" NUTS | 2) 12" LEFT & RIGHT REAR EXTENSIONS E-31496 |
| 12) 2-1/4" CLAMPS | 1) #344809 RIGHT TAIL PIPE |
| 2) F3214 FLANGES | 1) #344808 LEFT TAIL PIPE |
| 2) EG24110 GASKETS | 2) SINGLE OFFSET GLASS PACKS (3518542) OR #422 MUFFLERS |

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



**Heartthrob exhaust systems are manufactured by Heartthrob Exhaust—Litchfield, MN
Email us at mike@heartthroboxhaust.com with any questions.**

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INSTALLATION INSTRUCTIONS:

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

- 1) REMOVE THE OLD EXHAUST SYSTEM AND REMOVE THE OLD HANGERS.
- 2) INSTALL THE LEFT (60") AND RIGHT (32") MANIFOLD PIPES USING THE NEW GASKETS AND FLANGES. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE.
- 3) INSTALL THE LEFT (30") AND RIGHT (60") EXTENSION PIPES TO THE MANIFOLD PIPES USING 2-1/4" CLAMPS.
- 4) LOCATE THE CROSSMEMBER AT THE REAR OF THE CAB AND MOUNT AN ST7 BRACKET (ONE TO EACH SIDE OF THE EXHAUST), USING A 5/16" BOLT, NUT, AND GROMMET, AND CLAMP TO THE EXHAUST SYSTEM.
- 5) INSTALL THE MUFFLERS ONTO THE FRONT EXTENSION PIPES USING 2-1/4" CLAMPS. ROTATE THE FRONT EXTENSION PIPES TO CLEAR THE TRANSFER CASE, DRIVESHAFT, AND FRAME. PLEASE NOTE THAT IF YOU ARE USING THE GLASS PACKS, THE EXHAUST SHOULD FLOW OVER AND NOT DIRECTLY INTO THE LOUVERS.
- 6) INSTALL THE 12" LONG LEFT AND RIGHT REAR EXTENSIONS TO THE MUFFLER USING A 2-1/4" CLAMP.
- 7) INSTALL THE LEFT (#344808) AND RIGHT (#344809) TAIL PIPES TO THE REAR EXTENSIONS USING A 2-1/4" CLAMP. LOCATE OR DRILL A 5/16" HOLE IN WHICH TO MOUNT THE LB9 BRACKETS. MOUNT THE LB9 BRACKETS (ONE FOR EACH SIDE) USING A 5/16" BOLT, NUT, AND GROMMET, AND CLAMP TO THE TAIL PIPE.
- 8) 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.

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.

BUILD SHEET FOR: 2-1/4" TRUE DUAL KITS

PART #: 4149GP, 4149SK

- ___ 1) 60" LEFT MANIFOLD PIPE E-31491
- ___ 1) 32" RIGHT MANIFOLD PIPE E-31492
- ___ 1) 30" LEFT FRONT EXTENSION PIPE E-31493
- ___ 1) 60" RIGHT FRONT EXTENSION PIPE E-31494
- ___ 2) 12" LEFT & RIGHT REAR EXTENSIONS E-31496
- ___ 1) #344809 RIGHT TAIL PIPE
- ___ 1) #344808 LEFT TAIL PIPE
- ___ 2) SINGLE OFFSET GLASS PACKS 3518542 OR #422

MUFFLERS

- ___ 1) HARDWARE KIT

INSPECTED BY: _____

DATE: _____

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