

KIT #8141450 4145

1970-1986 DODGE VAN 1/2, 3/4, 1 TON 2WD & 4WD WITH V-8 318-360 C.I.

NOTE: THE CATALYTIC CONVERTERS ARE NOT SUPPLIED WITH THIS EXHAUST SYSTEM. THIS KIT DOES NOT CONTAIN MUFFLERS AND CLAMPS. IT HAS BEEN DESIGNED FOR USE WITH 2-1/4" SINGLE OFFSET MUFFLERS. GLASS PACKS MAY BE USED WITH SLIGHT MODIFICATIONS.

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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| 6) LB4 HANGERS | 1) #E200 LEFT MANIFOLD PIPE |
| 4) 5/16" X 1-1/2" BOLTS | 1) #E201 RIGHT MANIFOLD PIPE |
| 4) SNAPPER GROMMETS | 1) LEFT EXTENSION PIPE #T202 |
| 4) 5/16" X 1-1/2" LAG SCREWS | 1) LEFT TAIL PIPE #T200 |
| 6) 2-1/4" CLAMPS | 1) RIGHT TAIL PIPE #T201 |
| 4) 5/16" NUTS | 1) RIGHT EXTENSION PIPE #T203 |
| 2) 2" CLAMPS | 2) ADAPTERS |

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.

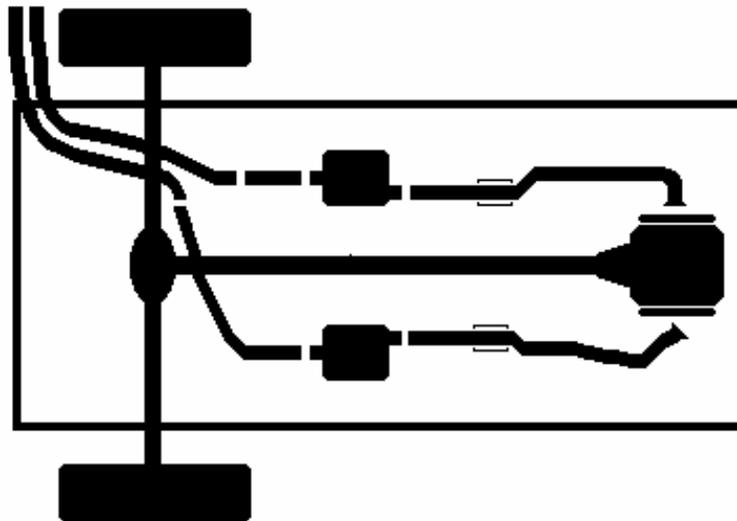
KIT # 8141450 4145

INSTALLATION INSTRUCTIONS:

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

NOTE: ALTERATION TO THE MANIFOLD PIPES MAY BE REQUIRED ON SOME EARLY MODEL 318 ENGINES.

- 1) REMOVE THE OLD EXHAUST SYSTEM. SAVE THE OLD EXHAUST FLANGES AND THE MANIFOLD STUDS AND NUTS FROM THE ORIGINAL FRONT PIPES.
- 2) INSTALL THE LEFT (63" LONG 2" PIPE WITH 40 DEG. FLARE) AND RIGHT (57" LONG 2" PIPE WITH 40 DEG. FLARE) MANIFOLD PIPES USING THE ORIGINAL FLANGES. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE. NOTE: FOR VEHICLES REQUIRING CATALYTIC CONVERTERS (1974-1986) TO MEET EPA GUIDELINES, CONVERTER PART # 73-7774 OR EQUIVALENT SHOULD BE INSTALLED ON THE END OF THESE EXTENSION PIPES. SEE DRAWING. CONVERTERS ARE NOT INCLUDED IN THIS KIT. CUT 10" FROM PIPES E201 & E200 TO INSTALL THE CONVERTERS. SEE DRAWING.
- 3) INSTALL THE LEFT AND RIGHT EXTENSION PIPES TO THE MANIFOLD PIPES USING 2" CLAMPS.
- 4) INSTALL THE MUFFLERS ONTO THE FRONT EXTENSION PIPES USING 2-1/4" CLAMPS. NOTE: THE EXHAUST SHOULD FLOW **OVER** THE LOUVERS, AND NOT DIRECTLY INTO THE LOUVERS FOR PROPER SOUND CONTROL. ROTATE THE FRONT PIPES AND MUFFLERS TO CLEAR THE DRIVE SHAFT AND FRAME. YOU WILL FIND A CROSS MEMBER OR BODY MOUNT THAT A HOLE CAN BE DRILLED INTO TO ACCEPT AN LB4 HANGER. ATTACH THE LB4 HANGERS TO THE CROSS MEMBER OR BODY MOUNT USING EITHER THE LAG SCREWS OR 5/16" BOLTS AND NUTS, ALONG WITH THE SNAPPER GROMMET. USE A 2-1/4" CLAMP TO CLAMP THE HANGER TO THE MUFFLERS.
- 5) INSTALL THE REAR TAIL PIPES TO THE GLASS PACKS USING 2-1/4" CLAMPS. TRIM TAIL PIPES TO YOUR DESIRED LENGTH.
- 6) AS THE TAIL PIPE GOES UNDER THE FR4AME ON ITS WAY OUT TO THE SIDE OF THE VEHICLE, FIND A HOLE IN THE AREA, OR DRILL A NEW HOLE AND MOUNT THE LB4 HANGER, GROMMET, AND BOLT OR 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: MANIFOLD DUAL KITS

PART #: 8141450 OR 4145

- ___ 1) #E200 LEFT MANIFOLD PIPE
- ___ 1) #E201 RIGHT MANIFOLD PIPE
- ___ 1) LEFT EXTENSION PIPE #T202
- ___ 1) LEFT TAIL PIPE #T200
- ___ 1) RIGHT TAIL PIPE #T201
- ___ 1) RIGHT EXTENSION PIPE #T203
- ___ 2) ADAPTERS
- ___ 1) HARDWARE KIT

INSPECTED BY: _____

DATE: _____

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