

KIT #8181560 8156  
1969-1974 FORD VAN 302

NOTE: THIS DUAL KIT RUNS OUTSIDE OF THE FRAME.

**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) BR855 HANGERS             | 1) #16631 LEFT MANIFOLD PIPE     |
| 4) BR104 RUBBER HANGERS      | 1) #16632 RIGHT MANIFOLD PIPE    |
| 4) 5/16" X 1-1/4" LAG SCREWS | 2) GLASS PACK MUFFLERS (3018502) |
| 4) FENDER WASHERS            | 2) LEFT & RIGHT TAIL PIPES 8156  |
| 6) 2-1/4" CLAMPS             | 2) ADAPTERS                      |
| 2) 2" CLAMPS                 |                                  |
| 4) 5/16" NUTS                |                                  |
| 4) 5/16" X 1-1/4" 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.

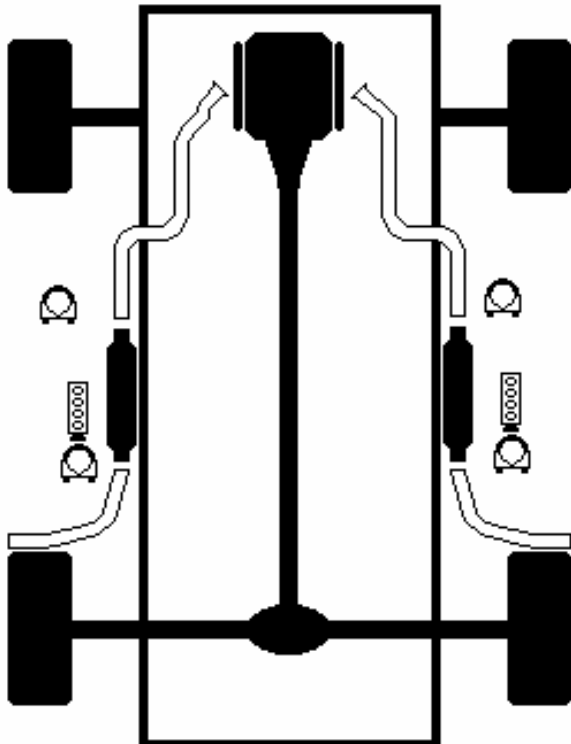
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THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.

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 # 8181560

**INSTALLATION INSTRUCTIONS:**

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

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

- 1) REMOVE THE OLD EXHAUST SYSTEM. SAVE THE OLD GASKETS, SLEEVES AND FLANGES FROM THE ORIGINAL FRONT PIPE.
- 2) INSTALL THE LEFT (#16631) AND RIGHT (#16632) MANIFOLD PIPES USING THE ORIGINAL GASKETS, SLEEVES, AND FLANGES. YOU WILL NEED TO USE YOUR ORIGINAL MANIFOLD STUDS AND NUTS. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE.
- 3) 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.
- 4) DRILL A 5/16" HOLE OVER THE OUTLET OF THE GLASS PACKS AND MOUNT THE BR3 HANGER BRACKETS TO THE FRAME USING THE INCLUDED 5/16" X 1-1/4" LAG SCREW. USE A 5/16" X 1" BOLT, NUT, AND FENDER WASHER TO CONNECT A BR104 RUBBER HANGER TO THE BR3 HANGER BRACKET. CLAMP THE EXHAUST SYSTEM TO THE HANGERS USING A 2-1/4" CLAMP.
- 5) INSTALL THE LEFT AND RIGHT TAIL PIPES TO THE MUFFLERS USING THE SAME 2-1/4" CLAMPS USED IN STEP 6). ROTATE TO CLEAR THE BODY. NOTE: THIS KIT IS DESIGNED TO FIT VANS WITH A 123.5" WHEEL BASE. SHOULD YOUR VAN HAVE A SHORTER WHEEL BASE, IT WILL BE NECESSARY TO REMOVE LENGTH. THIS CAN BE DONE BY CUTTING IT OUT OF THE STRAIGHT SECTION GOING INTO THE MUFFLERS.
- 6) MOUNT THE REMAINING BR3 HANGER BRACKETS, BR104 HANGERS, AND HARDWARE TO THE FRAME NEAR THE REAR EXIT LOCATION OF THE TAIL PIPES. DRILL A HOLE IN THE FRAME IF NO HOLE IS PRESENT. CLAMP THE TAIL PIPES TO THE HANGERS 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.

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

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

[www.heartthrobexhaust.com](http://www.heartthrobexhaust.com)                      320-693-0222

**BUILD SHEET FOR: DUAL KITS W/ GLASSPACKS**  
**PART#: 8181560 OR 8156**

- \_\_\_ 1) #16631 LEFT MANIFOLD PIPE
- \_\_\_ 1) #16632 RIGHT MANIFOLD PIPE
- \_\_\_ 2) GLASS PACK MUFFLERS (3018502)
- \_\_\_ 2) LEFT & RIGHT TAIL PIPES 8156
- \_\_\_ 2) ADAPTERS
- \_\_\_ 1) HARDWARE KIT

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

DATE: \_\_\_\_\_

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