

KIT #UD30225

HEARTTHROB EXHAUST SYSTEMS ARE MANUFACTURED BY HEARTTHROB EXHAUST--LITCHFIELD, MN  
This universal kit fits vehicles with standard full-length headers with 3" collectors.

**NOTE:** THE CATALYTIC CONVERTERS ARE NOT SUPPLIED WITH THIS EXHAUST SYSTEM. THIS SYSTEM IS NOT LEGAL FOR ON-ROAD USE ON VEHICLES THAT ORIGINALLY WERE EQUIPPED WITH A CATALYTIC CONVERTER. THIS KIT WAS NOT DESIGNED FOR USE ON VEHICLES THAT WERE ORIGINALLY EQUIPPED WITH CATALYTIC CONVERTERS!!

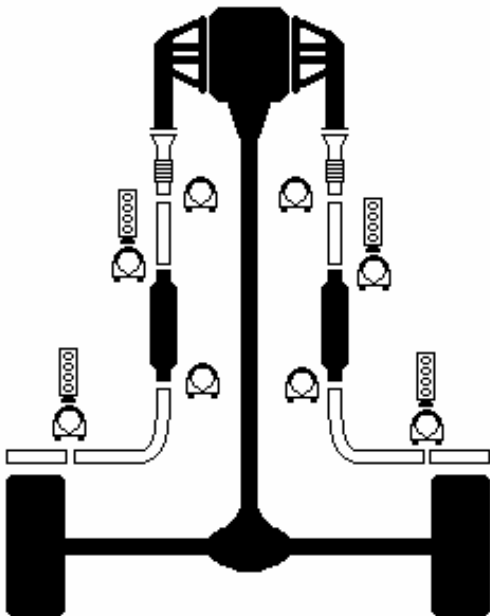
**NOTE:** THE HEADERS ARE NOT INCLUDED IN THIS KIT!!

**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) BR104 RUBBER HANGERS      | 2) 3"-2-1/4" FLEX JOINT REDUCERS |
| 2) EG24094 GASKETS           | 2) 90 DEGREE TAIL PIPES          |
| 4) 5/16" X 1-1/4" LAG SCREWS | 4) ID/OD EXTENSIONS              |
| 8) 2-1/4" CLAMPS             |                                  |
| 2) F33 FLANGES (3 BOLT 3")   |                                  |
| 6) 3/8" NUTS                 |                                  |
| 6) 3/8" LOCKWASHERS          |                                  |
| 6) 3/8" X 1-1/4" BOLTS       |                                  |
| 4) FENDER WASHERS (33219)    |                                  |

**NOTE:** THE IS JUST ONE EXAMPLE OF HOW THIS UNIVERSAL DUAL KIT CAN RUN. YOU MAY INSTALL THE 15" EXTENSION PIPES IN OTHER LOCATIONS.



**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

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**INSTALLATION INSTRUCTIONS:**

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

1) REMOVE THE OLD EXHAUST SYSTEM AFTER THE HEADERS. REMOVE THE OLD HANGERS AND BRACKETS.

2) INSTALL THE FLEX JOINT REDUCERS TO THE HEADER COLLECTORS USING THE EG24094 GASKETS AND F33 FLANGES. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE, USING THE 3/8" X 1-1/4" BOLTS AND NUTS. **NOTE:** THE FLEX JOINT CAN BE CUT OFF AHEAD OF THE WELDED JOINT SHOULD YOU NOT NEED THE FLEXIBILITY. **NOTE:** FOR VEHICLES REQUIRING CATALYTIC CONVERTERS TO MEET EPA GUIDELINES, CATALYTIC CONVERTER #73-7774 OR EQUIVALENT SHOULD BE INSTALLED SOMEWHERE BETWEEN THE COLLECTORS AND MUFFLERS.

3) INSTALL THE ID/OD EXTENSION PIPES USING 2-1/4" CLAMPS TO THE FLEX JOINT REDUCERS TO BOTH SIDES. BE SURE TO LEAVE ADEQUATE CLEARANCE BETWEEN THE FLOOR BOARDS AND THE DRIVE SHAFT. THE EXTENSION PIPES MAY NEED TO BE ROTATED FOR CLEARANCE. **NOTE:** THE EXTENSION PIPES MAY BE SHORTENED TO FIT VARIOUS HEADER DESIGNS OR DIFFERENT LENGTH MUFFLERS.

4) INSTALL THE GLASS PACK MUFFLERS ONTO THE EXTENSION PIPES USING 2-1/4" CLAMPS. ROTATE THE FRONT EXTENSION PIPES TO CLEAR THE DRIVESHAFT, AND FRAME, AND GENERAL CLEARANCE. THE EXHAUST SHOULD FLOW OVER, AND NOT DIRECTLY INTO, THE LOUVERS OF THE GLASS PACKS.

5) AT THE INLET OF THE MUFFLERS, MOUNT A UNIVERSAL BR104 HANGER TO THE EXISTING HOLES IN THE FRAME (DRILL A HOLE IF NONE PRESENT) USING A LAG SCREW, FOR BOTH SIDES OF THE VEHICLE. USE A 2-1/4" CLAMP TO ATTACH TO THE CONNECTING POINT OF THE EXTENSION PIPE AND THE MUFFLER.

6) INSTALL THE LEFT AND RIGHT TAIL PIPES TO THE MUFFLERS USING 2-1/4" CLAMPS. YOU MAY NEED TO TRIM THE TAIL PIPES TO LENGTH. THE TAIL PIPES EXIT IN FRONT OF THE REAR WHEELS.

7) AFTER THE TAIL PIPES, MOUNT A UNIVERSAL BR104 HANGER TO THE EXISTING HOLES IN THE FRAME (DRILL A HOLE IF NONE PRESENT) USING A LAG SCREW AND 2-1/4" CLAMP, FOR BOTH SIDES OF THE VEHICLE. YOU MAY DO SO AT THE OUTLET OF THE MUFFLERS, OR THE CONNECTING POINT OF THE TAIL PIPE AND REAR EXTENSION PIPE.

8) USE A 2-1/4" CLAMP TO CONNECT THE REAR EXTENSION PIPES TO THE TAIL PIPES.

9) 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 COLLECTOR PIPES, 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.

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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.

**BUILD SHEET FOR: UNIVERSAL DUAL KITS**  
**PART #: UD30225G, UD30225M**

- \_\_\_ 2) 3"-2-1/4" FLEX JOINT REDUCERS
- \_\_\_ 4) ID/OD EXTENSIONS
- \_\_\_ 2) 90 DEGREE TAIL PIPES
- \_\_\_ 1) HARDWARE KIT

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

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