

KIT #UHDG225M

This universal kit fits vehicles with standard full-length headers with either 3" or 2-1/2" collectors.

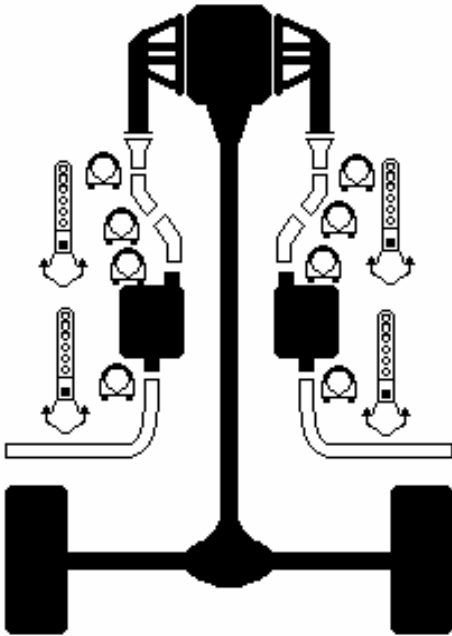
NOTE: THE CATALYTIC CONVERTERS ARE NOT SUPPLIED WITH THIS EXHAUST SYSTEM. THIS SYSTEM IS NOT LEGAL FOR ON-ROAD USE ON VEHICLES THAT ORIGINALLY WERE EQUIPPED WITH A CATALYTIC CONVERTER. THIS KIT WAS NOT DESIGNED FOR USE ON VEHICLES THAT WERE ORIGINALLY EQUIPPED WITH CATALYTIC CONVERTERS!!

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) BR100ES HANGERS | 2) 3"-2-1/4" REDUCERS |
| 2) EG24011 GASKETS | 2) 2-1/2"-2-1/4" REDUCERS |
| 4) 5/16" X 1-1/4" LAG SCREWS | 4) ELBOWS-ID/OD |
| 8) 2-1/4" CLAMPS | 2) 90 DEGREE TAIL PIPES |
| 2) F33 FLANGES | 2) #951 TURBO MUFFLERS |
| 6) 3/8" NUTS | |
| 6) 3/8" LOCKWASHERS | |
| 6) 3/8" X 1-1/4" BOLTS | |
| 2) EG24094 GASKETS | |
| 2) F4 FLANGES | |



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

Email us at mike@heartthrobexhaust.com with any questions.
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 PROPER REDUCERS TO THE HEADER COLLECTORS USING EITHER THE EG24094 GASKETS AND F33 FLANGES (FOR 3"), OR THE F4 FLANGE AND EG24011 GASKET (FOR 2-1/2").
NOTE: YOU WILL HAVE LEFT OVER PARTS. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE, USING THE 3/8" X 1-1/4" BOLTS AND NUTS. **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 ELBOWS USING 2-1/4" CLAMPS TO THE REDUCERS. BE SURE TO LEAVE ADEQUATE CLEARANCE BETWEEN THE FLOOR BOARDS AND THE DRIVE SHAFT. THE ELBOWS 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 TURBO MUFFLERS (REVERSIBLE) ONTO THE REAR ELBOWS USING 2-1/4" CLAMPS. ROTATE THE FRONT EXTENSION PIPES TO CLEAR THE DRIVESHAFT, AND FRAME, AND GENERAL CLEARANCE. THE MUFFLERS MAY BE INSTALLED EITHER CENTER OR OFFSET INLET. INSTALL SO AS TO MAXIMIZE CLEARANCE ON THE VEHICLE.

5) SOMEWHERE IN FRONT OF THE MUFFLERS, MOUNT A UNIVERSAL BR100ES HANGER TO THE EXISTING HOLES IN THE FRAME (DRILL A HOLE IF NONE PRESENT) USING A LAG SCREW, FOR BOTH SIDES OF THE VEHICLE.

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) SOMEWHERE AFTER THE TAIL PIPES, MOUNT A UNIVERSAL BR100ES HANGER TO THE EXISTING HOLES IN THE FRAME (DRILL A HOLE IF NONE PRESENT) USING A LAG SCREW, FOR BOTH SIDES OF THE VEHICLE.

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 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 # uhdg225m

- _____ 2) 3"-2-1/4" REDUCERS
- _____ 2) 2-1/2"-2-1/4" REDUCERS
- _____ 4) ELBOWS-ID/OD
- _____ 2) 90 DEGREE TAIL PIPES
- _____ 2) 951 turbo MUFFLERS
- _____ 1) hardware kit

Inspected by _____

Date: _____

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