

THIS KIT FITS:           CHEVY II--1968-1979 W/283-400 C.I.  
                              CAMARO--1970-1981 W/283-400 C.I.  
                              FIREBIRD--1978-1981 W/305-350 C.I.

**1) 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. WILL NOT ACCOMMODATE CATALYTIC CONVERTERS WITHOUT MODIFICATION. **WARNING:** REMOVAL OF CATALYTIC CONVERTERS AND OTHER FACTORY AIR POLLUTION CONTROL DEVICES IS ILLEGAL. WE RECOMMEND YOU ABIDE BY THE LAW.

**2) NOTE:** WILL NOT FIT STOCK MANIFOLDS THAT EXIT STRAIGHT DOWN.

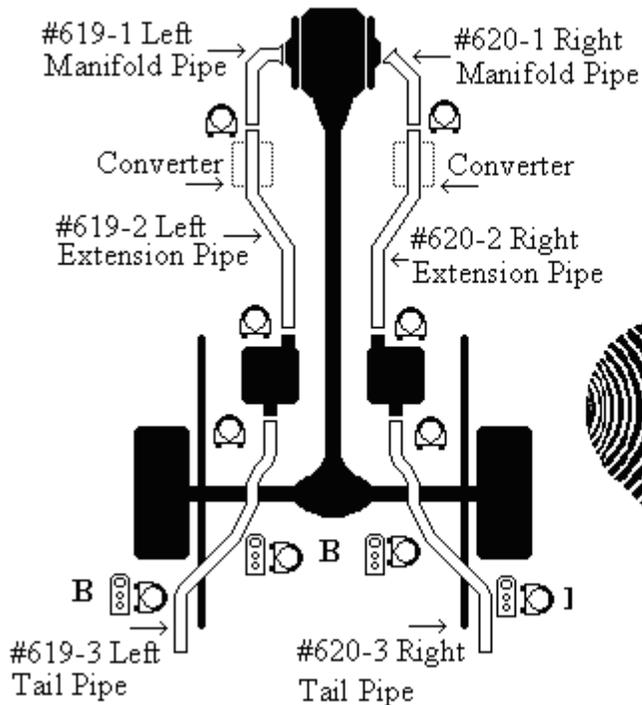
**3) NOTE:** THE MUFFLERS ARE NOT SUPPLIED WITH THIS EXHAUST SYSTEM. THIS KIT HAS BEEN DESIGNED FOR USE WITH TURBO MUFFLERS OR AN EQUIVALENT 2-1/4" ID INLET BY 2-1/4" ID OUTLET SINGLE OFFSET MUFFLER. GLASS PACK MUFFLERS (STRAIGHT IN/OUT) MAY BE USED WITH SLIGHT MODIFICATIONS. NO MODIFICATIONS TO SINGLE OFFSET GLASS PACKS NECESSARY.

**4) NOTE:** WE RECOMMEND WELDING (TACK WELDING) THE SLIP JOINTS, ALTHOUGH NOT NECESSARY.

**DANGER WARNING:** INSTALLATION OF THE EXHAUST MAY FACILITATE RAISING YOUR VEHICLE. A FLOOR HOIST IS IDEAL. IF NO HOIST IS AVAILABLE, WE STRONGLY RECOMMEND THE USE OF AXLE STANDS AS A SAFETY MEASURE. 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) ST4 HANGERS               | 1) #619-1 LEFT MANIFOLD PIPE      |
| 4) SNAPPER GROMMETS          | 1) #620-1 RIGHT MANIFOLD PIPE     |
| 4) 5/16" X 1-1/4" LAG SCREWS | 1) #619-2 LEFT EXTENSION PIPE     |
| 10) 2-1/4" CLAMPS            | 1) #620-2 RIGHT EXTENSION PIPE    |
| 2) F3214 FLANGES             | 1) #620-3 RIGHT TAIL PIPE 2250013 |
|                              | 1) #619-3 LEFT TAIL PIPE 2250003  |



**INSTALLATION INSTRUCTIONS:**

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

- 1) REMOVE THE OLD EXHAUST SYSTEM AND SAVE THE OLD GASKETS AND SLEEVES.
- 2) INSTALL THE LEFT (#619-1--87 DEG.) AND RIGHT (#620-1--40 DEG.) MANIFOLD PIPES USING THE OLD GASKETS AND SLEEVES. TIGHTEN ONLY ENOUGH TO HOLD IN PLACE.
- 3) INSTALL THE LEFT (#619-2--57") AND RIGHT (#620-2--52") FRONT EXTENSION PIPES TO THE MANIFOLD PIPES USING 2-1/4" CLAMPS. BE SURE TO LEAVE ADEQUATE CLEARANCE BETWEEN THE FLOOR BOARDS AND THE DRIVE SHAFT. **NOTE:** FOR VEHICLES REQUIRING CATALYTIC CONVERTERS TO MEET EPA GUIDELINES, CATALYTIC CONVERTER #73-7774 OR EQUIVALENT SHOULD BE INSTALLED ON THE EXTENSION PIPES--SEE DRAWING.
- 4) INSTALL THE MUFFLERS (SINGLE OFFSET TURBO-TYPE RECOMMENDED--NOT INCLUDED IN THIS KIT) ONTO THE EXTENSION PIPES USING 2-1/4" CLAMPS. ROTATE THE FRONT EXTENSION PIPES TO CLEAR THE DRIVESHAFT, AND FRAME, AND GENERAL CLEARANCE.
- 5) INSTALL THE LEFT (#619-3) AND RIGHT (#620-3) TAIL PIPES TO THE MUFFLERS USING 2-1/4" CLAMPS. YOU MAY NEED TO TRIM THE TAIL PIPES TO LENGTH.
- 6) MOUNT THE HANGER BRACKETS TO THE EXISTING HOLES IN THE FRAME BEHIND THE REAR AXLE USING THE LAG SCREWS AND THE SNAPPER GROMMET (SEE DRAWING). THE HANGERS SHOULD BE INSTALLED TO THE TAIL PIPES AT WHERE THE TAIL PIPES CROSS UNDER THE FRAME. TWO ADDITIONAL HANGERS HAVE BEEN INCLUDED TO USE AT YOUR PREFERRED LOCATION--SEE DRAWING
- 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 MANIFOLD 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.

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.

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

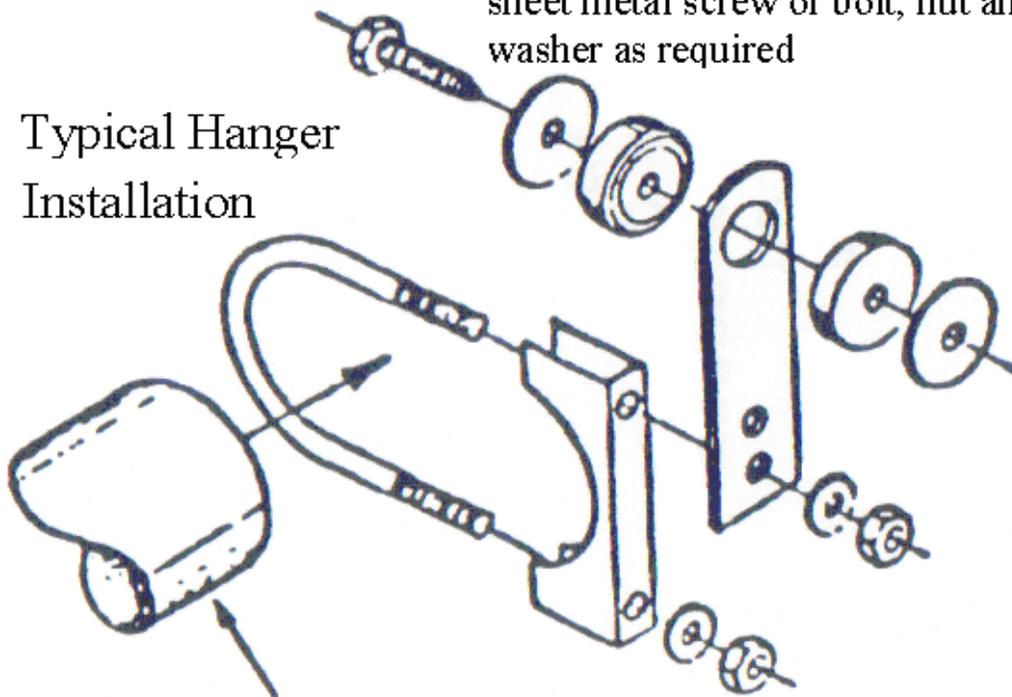
**Email us at [mike@heartthroboxhaust.com](mailto:mike@heartthroboxhaust.com) with any questions.**

[www.heartthroboxhaust.com](http://www.heartthroboxhaust.com)

320-693-0222

Secure hanger to OEM bracket using a sheet metal screw or bolt, nut and lock washer as required

**B Typical Hanger Installation**



Tailpipe

Build sheet for: 2-1/4" manifold dual kit

Part# 22-2800, 4471, 8144710

- \_\_\_\_\_ 1) #619-1 LEFT MANIFOLD PIPE
- \_\_\_\_\_ 1) #620-1 RIGHT MANIFOLD PIPE
- \_\_\_\_\_ 1) #619-2 LEFT EXTENSION PIPE
- \_\_\_\_\_ 1) #620-2 RIGHT EXTENSION PIPE
- \_\_\_\_\_ 1) #620-3 RIGHT TAIL PIPE 2250013
- \_\_\_\_\_ 1) #619-3 LEFT TAIL PIPE 2250003
- \_\_\_\_\_ 1) hardware kit

Inspected by: \_\_\_\_\_

Date: \_\_\_\_\_

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Date: \_\_\_\_\_

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