

1963-1972 GM PICKUP ½ & ¾ ton 2WD WITH SMALL BLOCK V-8 283-400, with 115" and 127" w.b.

Note: this is a kit designed for models specifically with leaf springs

Note: this kit will also fit ¾ ton 133" w.b. models, but will require two extra ID/OD 2-1/4" x 9" long extension pipes and clamps.

**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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|----------------------------|--|
| 2) BR104 RUBBER HANGERS    | 1) #344804A LEFT MANIFOLD PIPE                                   |
| 6) FENDER WASHERS (33219)  | 1) #344805A RIGHT MANIFOLD PIPE                                  |
| 6) 5/16" X 1" BOLTS        | 2) # 41471 Left and right front extension pipe, 2.25" id/od x 28 |
| 6) 5/16" lock washers      | 1) # 41472 RIGHT TAIL PIPE                                       |
| 4) BR92073 swinger hangers | 1) # 41473 LEFT TAIL PIPE  |
| 2) F3214 FLANGES           | 2) single OFFSET #st48111 MUFFLERS                               |
| 6) 5/16" NUTS              | 2) # 41474 2-1/4" id/od x 27" long tail pipe extensions          |
| 10) 2-1/4" CLAMPS          | 2) # 41475 2-1/4" side exit tail pipe extensions                 |
| 2) EG24110 GASKETS         |  |

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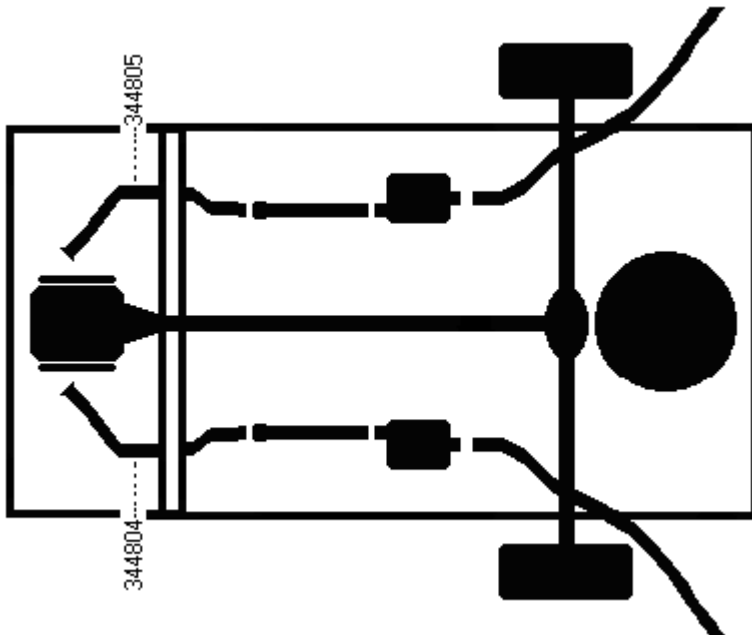
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**Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN**

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

**INSTALLATION INSTRUCTIONS:**

note: do not tighten any clamps or nuts until the last step!!

- 1) Remove the old exhaust system. The original hangers may be kept to hang this new system, although new hangers have been supplied with this kit to use as you find necessary during the exhaust installation.
- 2) Install the left (#344804--with 45 degree flare and 60" long) and right (#344805--with the 45 degree flare and 60" long) manifold pipes using the included gaskets and the included flanges. You will need to use your original manifold studs and nuts. Tighten only enough to hold in place. The driver side manifold pipe, the first bend after the lip flare is shallower relative to the first bend after the lip flare on the passenger side manifold pipe.
- 3) Install the left and right front extension pipes using 2-1/4" clamps to the manifold pipes, these are straight tubes ID/OD x 28" long. For those with short box 115" w.b. models (long box models are 127" w.b.), you will need to trim 12" from the OD end of the extension pipe.
- 4) Install the BR104 rubber strap hangers by drilling a 5/16" hole in the cross member holding the drive shaft hanger bearing, or use an existing hole in the cross member. Mount the hanger using a 5/16" x 1" bolt, fender washer, and nut. Clamp the hangers to the extension pipes on both sides.
- 5) Install the mufflers onto the front extension pipes using 2-1/4" clamps. Please note that if you are using glass packs, the exhaust should flow over and not directly into the louvers. The inlet is offset, the outlet center, the muffler bodies need to be installed in at an angle for clearance, see pictures below:
- 6) Install the left (# 41473) and right (# 41472) tail pipes to the mufflers using 2-1/4" clamps and mount BR92073 swinger hangers above these connection points use these same clamps to connect to the BR92073 swinger hangers.
- 7) Locate holes in the frame (or drill if none present) behind the rear tires and mount tail pipe hangers (br92073 swinger hangers) to hang the tail pipes.
- 8) We include straight extensions for a rear exit, or angled out extensions for a side exit. Choose your exit wish and install to the tail pipes using 2-1/4" clamps.
- 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 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: 2-1/4" TRUE DUAL KITS****PART #: 4147SK**

- \_\_\_ 1) #344804A LEFT MANIFOLD PIPE
- \_\_\_ 1) #344805A RIGHT MANIFOLD PIPE
- \_\_\_ 2) # 41471 Left and right front extension pipe, 2.25" id/od x 28"
- \_\_\_ 1) # 41472 RIGHT TAIL PIPE
- \_\_\_ 1) # 41473 LEFT TAIL PIPE
- \_\_\_ 2) single OFFSET #st48111 MUFFLERS
- \_\_\_ 2) # 41474 2-1/4" id/od x 279865" long tail pipe extensions
- \_\_\_ 2) # 41475 2-1/4" side exit tail pipe extensions
- \_\_\_ 1) HARDWARE KIT