

Part #1004465 w/stainless steel angle cut tips

Kit fits '87-'96 full-size Ford 3/4 & 1 ton pickup, 2WD & 4WD, all wheel bases, w/gas V8 351 & 460 c.i., except for 351 c.i. with 2-1/4" exhaust at converter. For vehicles only with 2-1/2" single exhaust at the outlet of the converter.

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.

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.

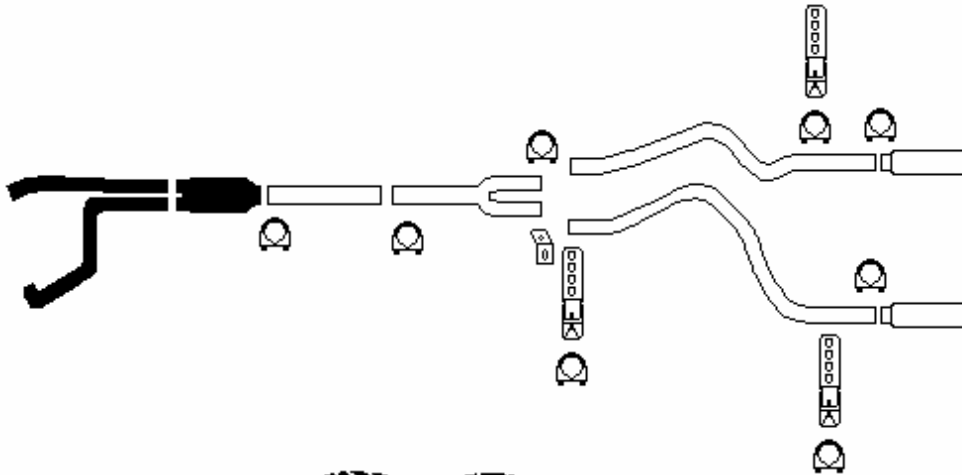
The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, 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.

HARDWARE KIT:

- | | | |
|---|-----------------------------|----------------------------|
| 3) 5/16" nuts | 3) 5/16" x 1" bolts | 2) fender washers (33219) |
| 3) 5/16" lock washers | 6) 2-1/4" clamps | 2) 2-1/2" clamps |
| 3) BR91930 swinger hangers | 1) BR755 bracket | |
| 2) muffler tips—s/s angle 8433518 | 1) right tail pipe #1007042 | |
| 1) 2-1/2" id/od extension pipe #1004107 | 1) y-pipe #0030033 | 1) left tail pipe #1007041 |



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

Kit #1004465

INSTRUCTIONS:

NOTE: do not tighten any clamps or nuts and bolts until the last step!! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.

1) Remove the old exhaust system at the outlet of the converter, leaving only the front manifold pipes and the converter on the truck.

Note: on some vehicles, the 2-1/2" id/od extension pipe is not used, and on others, it must be cut from the o.d. end. The extension pipe is not needed on 136" wheel base vehicles (proceed to step 3). The extension pipe is not needed on 133" wheel base vehicles, and some of these vehicles may require trimming of the ends of the included y-pipe. Lay the kit out and take proper measurements before cutting. No cutting is necessary for 168" wheel base vehicles, while those with the 160" wheel base will need to cut to length. For those with 185" wheel base models, you will need to re-use part of your stock extension pipe.

2) Install the extension pipe to the converter (if required, and trim to length if required), using a 2-1/2" clamp to connect the two pieces.

3) Install the y-pipe to the extension pipe, using a 2-1/2" clamp to connect the two pieces. Make sure that the y-pipe is mounted parallel to the ground.

4) Install the right tail pipe (it has 5 bends) making sure that you have at least 1/2" of clearance from the shock. Locate the hole behind the original tail pipe hanger (if one is not present, you will need to drill a hole) and near the end of the tail pipe, and using a fender washer, 5/16" x 1" bolt, nut, and lock washer, mount one of the BR91930 swinger hangers to the frame. The hanger can be adjusted up or down for clearance. Use a 2-1/4" clamp to connect the right tail pipe and the hanger, but do not tighten at this time. **NOTE:** you may want to trim the right (and later the left) tail pipe to your desired length.

5) Mark where you want to cut the right tail pipe by holding up a tip next to the tail pipe. Trim the tail pipe to length. Install the muffler tip onto the right tail pipe. Use a 2-1/4" clamp to secure the tip to the tail pipe and hanger just installed.

6) Install the left tail pipe (5 bends) to the y-pipe using a 2-1/4" clamp, making sure that you have clearance between the rear brake line (bend bracket to the front if necessary), shock, and spare tire. You should end up with a 1/2" of clearance from the shock and the tire. Again, you may want to trim the pipe to length. **NOTE:** the tail pipe crosses over the top and behind the rear differential.

7) Locate the mounting hole (or drill if one is not present) directly above the rear of the y-pipe and install the BR755 bracket to the frame using a 5/16" x 1" bolt, nut, lock washer, and fender washer. Install a BR91930 swinger hanger to this bracket using a 5/16" x 1" bolt, nut, lock washer, and fender washer. Attach to the connecting point of the y-pipe and the left tail pipe using the 2-1/4" clamp installed in step 6).

8) Locate the mounting hole (or drill if one is not present) directly above the rear of the left tail pipe and mount the hanger as in step 4) for the left tail pipe.

9) Repeat step 4) for the left tail pipe.

10) Tighten all clamps, nuts, and bolts. Check for leaks and for clearance of all brake and fuel lines, and for clearance of all chassis and frame components. We recommend tack welding the joints (not necessary though).

**BUILD SHEET FOR HEARTTHROB DUAL KIT
PART# 1004465**

- _____ 2) muffler tips—painted blunt #8733520
- _____ 1) right tail pipe #1007042
- _____ 1) 2-1/2” id/od extension pipe #1004107
- _____ 1) y-pipe #0030033
- _____ 1) left tail pipe #1007041
- _____ 1) hardware kit

Inspected by: _____

date: _____

Inspected by: _____

date: _____

**BUILD SHEET FOR HEARTTHROB DUAL KIT
PART# 1004465**

- _____ 2) muffler tips—painted blunt #8733520
- _____ 1) right tail pipe #1007042
- _____ 1) 2-1/2” id/od extension pipe #1004107
- _____ 1) y-pipe #0030033
- _____ 1) left tail pipe #1007041
- _____ 1) hardware kit

Inspected by: _____

date: _____

Inspected by: _____

date: _____