

Part # 2007394

Kit fits **Ford Ranger** from '82-'05 with 4 cylinder and V6 (also '94 Mazda B2300, '94-'97 B3000 & B4000)-- note:--this is a **universal muffler-back kit** designed to fit many vehicles, and not a true cat-back kit. This kit is designed to re-use the pipe after the converter but before the muffler. For vehicles with 2" exhaust at 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.

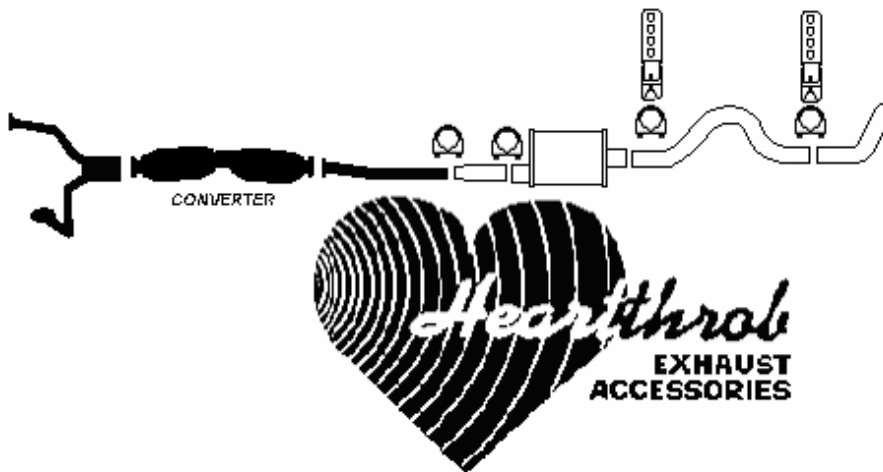
The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

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:**

- |                             |                        |                    |
|-----------------------------|------------------------|--------------------|
| 1) 5/16" x 1-1/4" lag screw | 2) BR91930-360 swinger | 2) 5/16" x 1" bolt |
| 2) 5/16" nuts               | 2) 5/16" lock washers  | 1) 2" clamp        |
| 3) 3" clamps                |                        |                    |
| 1) adapter pipe #2007391    | 1) front tail pipe     | 1) #54144 muffler  |
| 1) rear tail pipe #2007390  |                        |                    |



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

320-693-0222

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

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

**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 exhaust system by cutting at the very inlet of the muffler, off of the pipe that runs from the muffler to the converter. You will need to cut the pipe as close to the inlet of the muffler as possible.
- 2) Install the 2" inlet of the adapter pipe to the existing pipe after the converter, using the 2" clamp.
- 3) Install the muffler to adapter using a 3" clamp. You will need to install the muffler vertically for clearance. The inlet of the muffler is offset, with a center outlet, with the inlet lying down.
- 4) Install the inlet of the front tail pipe to the muffler.
- 5) At the rear of the muffler above the outlet is a box support. Locate, or drill, a 5/16" hole in the box support. You will need to take a BR91930 swinger hanger, and put a 90 degree bend in the (suggested) third hole from the top, and use the second hole with a lag screw to attach to the hole in the box support.
- 6) Install the inlet of the front tail pipe to the muffler using a 3" clamp. Use this same 3" clamp to connect the muffler, front tail pipe, and BR91930 hanger used in step 5).
- 7) Remove the O.E. hanger that is on the vehicle above the end of where the end of the front tail pipe ends. Install a BR91930 hanger to the frame near where the rear O.E. hanger was. Use the existing bolt hole if possible, or drill a 5/16" hole in the frame near the O.E. hanger. Install the hanger using a 5/16" x 1" bolt, nut, fender and lock washer to the frame.
- 8) Install the rear tail pipe to the front tail pipe using a 3" clamp, and connect the hanger used in step 7) to connect the assembly.
- 9) Tighten all clamps, nuts, and bolts. Check for clearance of all brake and fuel lines, and for clearance of all chassis and frame components.



**BUILD SHEET FOR: 3" SINGLE KITS  
PART# 2007394**

- \_\_\_\_\_ 1) adapter pipe #2007391
- \_\_\_\_\_ 1) front tail pipe
- \_\_\_\_\_ 1) #54144 muffler
- \_\_\_\_\_ 1) rear tail pipe #2007390
- \_\_\_\_\_ 1) hardware kit

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

**BUILD SHEET FOR: 3" SINGLE KITS  
PART# 2007394**

- \_\_\_\_\_ 1) adapter pipe #2007391
- \_\_\_\_\_ 1) front tail pipe
- \_\_\_\_\_ 1) #54144 muffler
- \_\_\_\_\_ 1) rear tail pipe #2007390
- \_\_\_\_\_ 1) hardware kit

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