

Part # 1407390 w/stainless steel angle cut tips

Kit fits **Ford Ranger** from '82-'05 with all gasoline motors (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. This kit will not fit aftermarket hitches that take up more than 31" of room in the rear end.

Heartthrob Exhaust--Litchfield, MN www.heartthroboxhaust.com

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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:

- | | | |
|--|------------------------------|-------------------------------------|
| 2) fender washers SS | 2) 5/16" lock washers SS | 2) 5/16" nuts SS |
| 8) 2-1/4" clamps MC9214SS | 1) 2" clamp MC200SS | 2) 5/16" x 1" bolts SS |
| 2) THU900 hangers--360 swinger (BR91930) | | |
| 2) muffler tips—S/S#8493518 | 1) right tail pipe--#1404106 | 2) i.d./o.d. adapters x 8-3/4" long |
| 1) y-pipe--#0430034 | 1) left tail pipe--#1404105 | |

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.

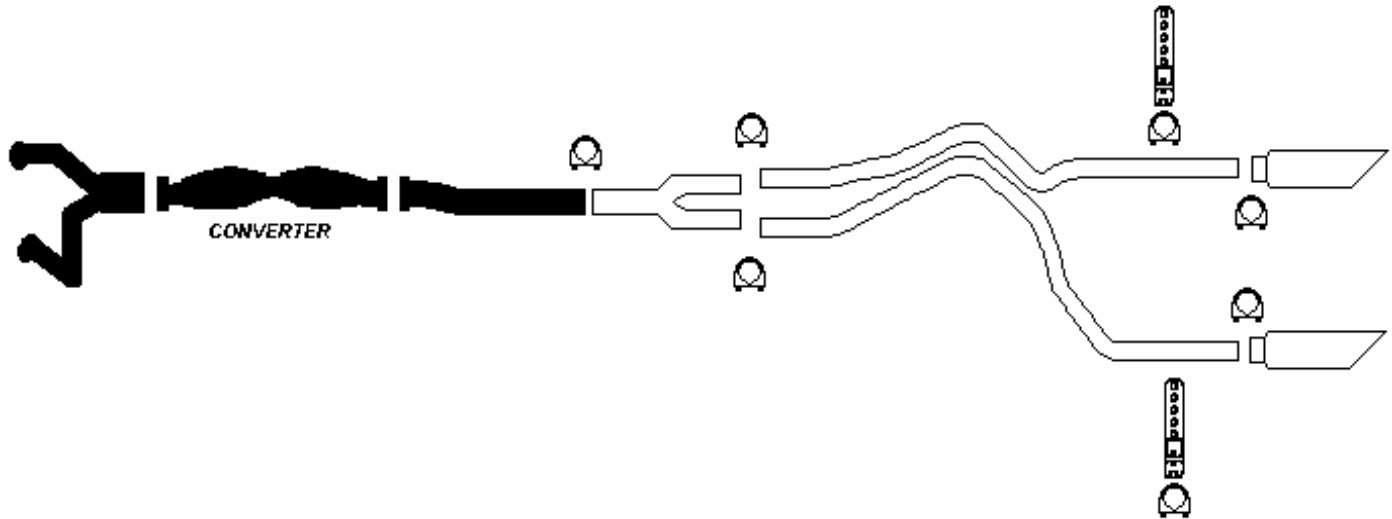
1) Remove the exhaust system by cutting the muffler off of the pipe that runs from the muffler to the converter. You will need to cut the pipe as close to the inlet of the muffler as possible. Leave the O.E. hanger connected to your existing front pipe.

2) Install the y-pipe to the extension pipe using the 2" clamp. For those with the long box only, install the i.d. end of the adapters to the ends of the y-pipe using 2-1/4" clamps.

3) You may want to remove the O.E. hanger that is at the end of the O.E. tail pipe. Install the i.d. end (inlet) of the right tail pipe to the y-pipe and use a 2-1/4" clamp to connect the two pipes. Install a THU900 360 swinger hanger to the frame near where the rear O.E. hanger was (a little in front of where it was at). Use the existing bolt hole if possible, or drill a 5/16" hole in the frame after the rear axle but before where the tips will be. Use a 5/16" x 1" bolt, nut, fender washer, and lock washer to attach the THU900 hanger to the frame. Use a 2-1/4" clamp to connect the right tail pipe and the hanger.

4) Install the i.d. end of the left tail pipe to the y-pipe using a 2-1/4" clamp.

- 5) As in step 3), install the rear hanger to the frame (drill another hole if one is not present) and clamp to the left tail pipe. The hanger should be placed about as far back as the hanger in step 3).
- 6) You will now need to cut your tail pipes as necessary. Hold up a tip next to a tail pipe with the desired length of the tip sticking out the rear of the vehicle. Mark the tail pipe and be sure to account for 3" of the tip that will slide over the tail pipe. Trim the tail pipe as necessary and repeat as necessary and repeat for the other tail pipe.
- 9) Install the tips to the tail pipes using 2-1/4" clamps.
- 10) Tighten all clamps, nuts, and bolts. Check for clearance of all brake and fuel lines, and for clearance of all chassis and frame components. For detailed installation pictures-email at mike@heartthrobexhaust.com



Build Sheet For: Deep-Tone Dual Kit

Part# 1407390

- _____ 2) muffler tips—all stainless angle cut # 8493518
- _____ 1) right tail pipe—# 1404106
- _____ 1) 2) i.d./o.d. adapters x 8-3/4” long
- _____ 1) y-pipe—# 0430034
- _____ 1) left tail pipe--# 1404105
- _____ 1) hardware kit

inspected by: _____
date: _____

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