

Part # 1405745 w/stainless steel angle cut tips

Kit fits '99-'05 full-size GM 1/2 & 3/4 ton pickup, 2WD & 4WD, regular cab long box only, w/4.3L V6, 4.8L & 5.3L V-8, with 2-3/4" exhaust at the converters. This kit is a cat-back exhaust system.

Heartthrob Exhaust--Litchfield, MN

www.heartthroboxhaust.com

**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.

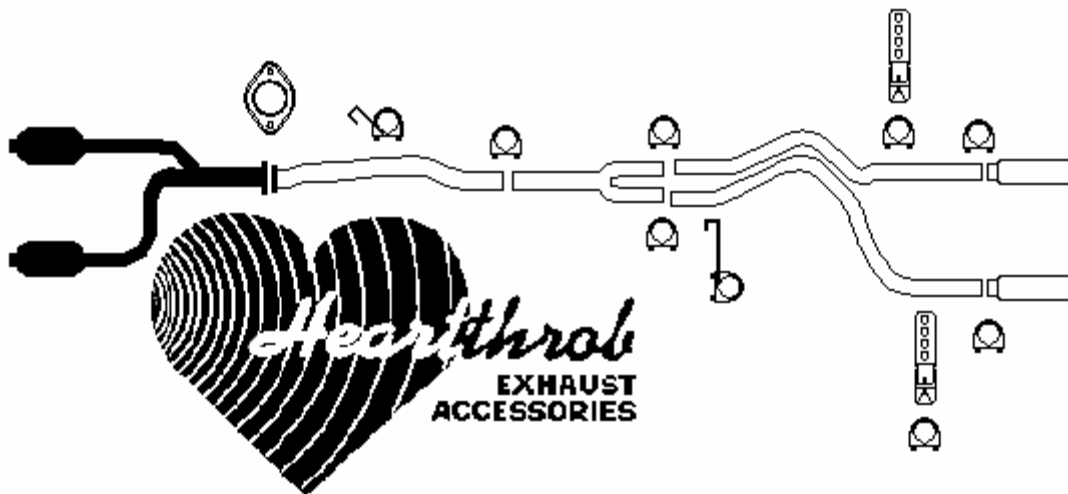
The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

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) 3" clamp MC9300SS                       | 6) 2-1/4" clamps MC9214SS    | 1) 2-1/4" hanger clamp-# 2956SS  |
| 1) 3" hanger clamp-# 2957SS                | 2) 5/16" x 1" bolts SS       | 2) 5/16" nuts SS                 |
| 1) formed flange                           | 2) 5/16" lock washers SS     | 2) fender washers SS             |
| 2) BR91930 swinger hangers                 |                              |                                  |
| 2) muffler tips--stainless steel--#8493518 | 1) right tail pipe--#1401356 | 1) 3" extension pipe--#1405725FP |
| 1) y-pipe--#04300031                       | 1) left tail pipe--#1401355  |                                  |



## **Kit #1405745**

### **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) Unbolt the original exhaust system at the flange behind the converters and save the nuts. Disconnect the factory hangers from the original system, leaving the rubber hanger mounts in place (except for the rear most hanger mount). Remove the original system from the vehicle.
- 2) Slide the included formed flange on the front extension pipe (3" pipe with a ball flange on one end). The flat side of the formed flange goes towards the front of the vehicle. You may need to tap the flange onto the ball joint with a hammer to install. Rotate the pipe to clear the cross member and install the original nuts loosely on the flange.
- 3) Install the 3" hanger clamp to the front O.E. rubber hanger mount. Clamp this same hanger clamp to the 3" front extension pipe.
- 4) Install the y-pipe from the kit to the extension pipe (the leg with the bend goes to the passenger side). Attach with a 3" clamp included in the hardware kit.
- 5) Install the left tail pipe (4 bends) 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. The left tail pipe crosses over the top of the drive shaft and then crosses over the top of the axle. Install the 2-1/4" hanger clamp to the O.E. rubber hanger mount above the first bend in the left tail pipe, and clamp to the left tail pipe. It will be necessary to gain the proper clearance between the left tail pipe and the brake and breather lines by tying the lines away using a wire or cable tie. You may want to trim the pipe to length, so do not tighten the clamp yet.
- 6) Locate or drill a 5/16" hole in the frame after the last bend in the left tail pipe and install a BR91930 swinger hanger to the frame using a 5/16" x 1" bolt, nut, lock washer, and fender washer. Clamp the hanger to the left tail pipe using a 2-1/4" clamp.
- 7) Install the right tail pipe (it has 5 bends) to the y-pipe using a 2-1/4" clamp and making sure that you have at least 1/2" of clearance from the shock. Do not tighten the clamp at this time.
- 8) Repeat Step 6) for the right tail pipe.
- 9) Trim your tail pipes as necessary. Hold up a tip to a tail pipe and mark the length to cut off. Mount the muffler tips to the tail pipes using a 2-1/4" clamps.
- 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: DEEP TONE DUAL KIT**  
**PART #1405745**

- \_\_\_\_\_ 2) muffler tips—all stainless steel angle--#8493518
- \_\_\_\_\_ 1) right tail pipe--#1401356
- \_\_\_\_\_ 1) 3” extension pipe--#1405725FP
- \_\_\_\_\_ 1) y-pipe--#04300031
- \_\_\_\_\_ 1) left tail pipe--#1401355
- \_\_\_\_\_ 1) hardware kit

INSPECTED BY: \_\_\_\_\_

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