

Part # 1405570 w/stainless steel angle cut tips 409 stainless steel dual kit

Kit fits **2003 full-size Dodge 1/2 ton Ram pickup**, 2WD & 4WD, all wheel bases, w/5.7L V8 (Hemi) only
For vehicles only with 3" exhaust at the converter.

Heartthrob Exhaust--Litchfield, MN www.heartthrobexhaust.com mike@heartthrobexhaust.com
320-693-0222

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.

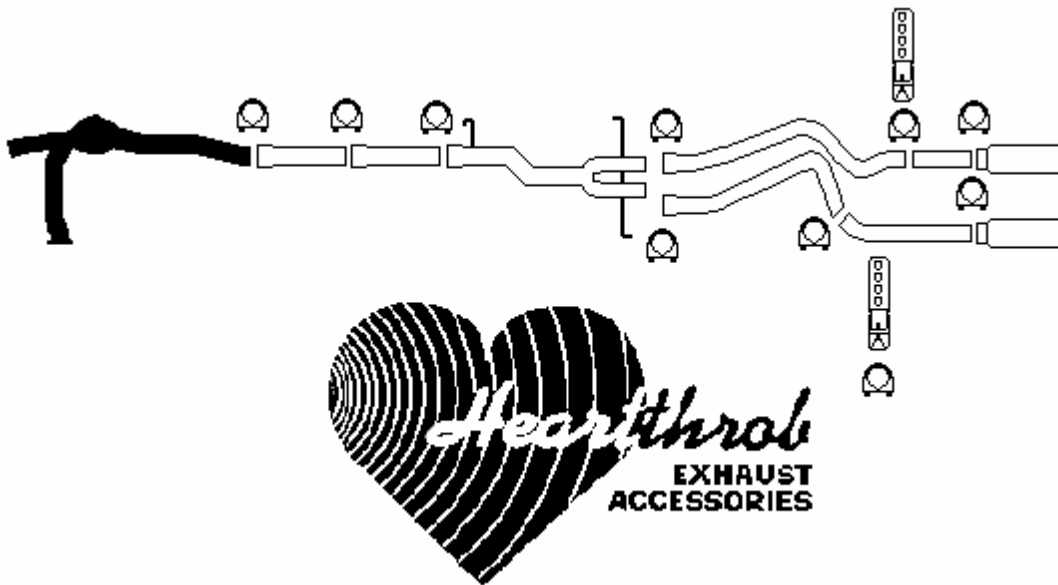
The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

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:

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|--------------------------------------------------------------|---------------------------------------------------------|
| 2) 3/8" nuts stainless steel | 2) 3/8" x 1-1/4" bolts stainless steel |
| 2) 3/8" lock washers stainless steel | 7) 2-1/4" clamps stainless steel |
| 2) BR91930 swinger hangers | 3) 3" clamps stainless steel |
| 2) 33219 3/8" fender washers stainless steel | |
| 2) muffler tips--stainless angle cut 8493518 | 1) stainless steel right tail pipe 1405004-1 |
| 2) 23" ID/OD extension pipes stainless steel—1405570-1 | 1) stainless steel y-pipe-#0430011 |
| 1) stainless steel left tail pipe 1405003-1 | 1) stainless steel 2-1/4" tail pipe extension—1405004-2 |
| 1) stainless steel left rear tail pipe extension--#1405003-2 | |



Kit #1405570

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.

NOTE: the extension pipe on this vehicle is 3" stainless steel. While this is a cat-back kit, we recommend re-using the existing extension pipe instead of the included extension pipe. To do this, just remove the exhaust system at the inlet of the muffler and skip steps 1) & 2).

- 1) Remove the old exhaust system at the inlet of the muffler, leaving only the y-pipe, converters, and the extension pipe on the truck. Two ID/OD extension pipes and two extra 3" clamps have been included to replace the original stainless steel extension pipe if you so desire.
- 2) If necessary, install the ID/OD extension pipe to the converter pipe using a 3" clamp. For quad cab long box (160.5" w.b.) no cutting is necessary, and you will need both extension pipes and both 3" clamps. For quad cab short box and regular cab long box (140.5" w.b.), use only one of the extension pipes and one of the 3" clamps, and for the regular cab short box (120.5" w.b.), install the y-pipe directly to the converter pipe using a 3" clamp.
- 3) Install the y-pipe to the extension pipe, using a 3" clamp to connect the two pieces. Make sure that the y-pipe is mounted parallel to the ground. **NOTE:** the y-pipe has an offset bend, and the exhaust should rise after the converter, not go lower. Connect the front wire hanger on the y-pipe to the O.E. rubber mount along side the y-pipe. Connect the wire hangers at the rear of the y-pipe to the O.E. rubber hanger mounts along both sides of the y-pipe.
- 4) Install the right tail pipe (it has 4 bends) making sure that you have at least 1/2" of clearance from the shock, using a 2-1/4" clamp.
- 5) Install the left tail pipe (2 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. Connect the hanger to the o.e. rubber mount above. **NOTE:** the tail pipe crosses over the top and behind the rear differential, and is routed between the shock and the spring.
- 6) Install the rear portion of the left tail pipe (it has one bend) to the left tail pipe using a 2-1/4" clamp. Locate the 1" hole in the frame above the middle of the left tail pipe extension and using a 3/8" x 1-1/4" bolt, nut, lock washer, and fender washer, mount the BR91930 to the frame. Clamp the BR91930 hanger to the rear portion of the left tail pipe using a 2-1/4" clamp. It may be necessary to put a 90 degree bend in the hanger for proper fit.
- 7) Install the rear portion of the right tail pipe (it is straight & 16") to the right tail pipe using a 2-1/4" clamp. Locate the 1" hole in the frame above the connecting point of the right tail pipe extension and the right tail pipe, and using a 3/8" x 1-1/4" bolt, nut, lock washer, and fender washer, mount the BR91930 to the frame. Clamp the BR91930 hanger to the rear portion of the left tail pipe using a 2-1/4" clamp. It may be necessary to put a 90 degree bend in the hanger for proper fit.
- 8) Trim the tail pipes to length. Install the tips to the tail pipes using 2-1/4" clamps.
- 9) 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 CAT-BACK KIT S/S
PART#'S: 1405570**

- _____ 2) muffler tips—all stainless angle cut 8493518
- _____ 1) stainless steel right tail pipe 1405004-1
- _____ 2) 23” ID/OD extension pipes stainless steel —1405570-1
- _____ 1) stainless steel y-pipe-#0430011—2-7/8” inlet
- _____ 1) stainless steel left tail pipe 1405003-1
- _____ 1) stainless steel 2-1/4” tail pipe extension—1405004-2
- _____ 1) stainless steel left rear tail pipe extension--#1405003-2
- _____ 1) HARDWARE KIT

INSPECTED BY: _____

DATE: _____

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