Part # 1022070

Kit fits **Jeep Grand Cherokee** from '05-'10, **Jeep Commander** '06-'10, with 5.7L.

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

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.

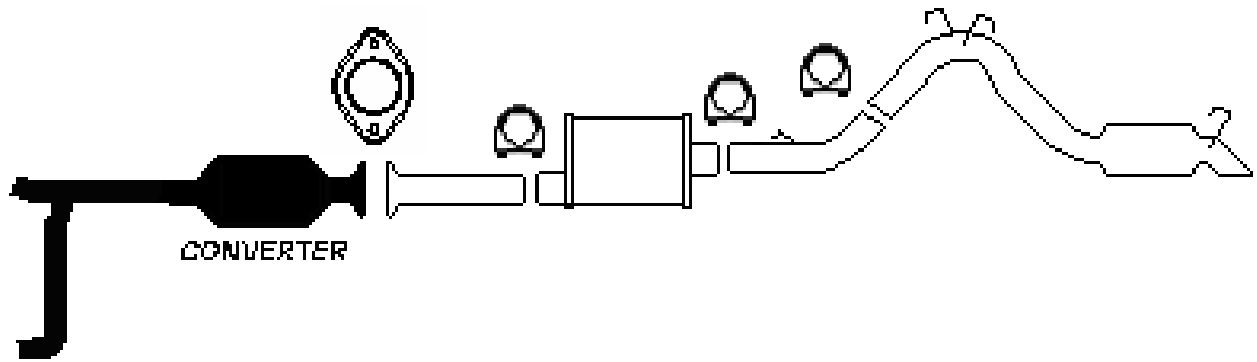The foregoing statement limits the liability of the manufacturer.

HARDWARE KIT:

3) 3" clamps	2) # 10107 3/8" x 1-1/4" bolt	
2) # 33219 fender washer	2) # 36106 nut	2) # 33082 flat washer
1) front extension pipe #1022071	1) front tail pipe #1022072	1) rear tail pipe #1022073 1) # 2142 muffler

INSTRUCTIONS:

NOTE: do not tighten any clamps 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: we recommend installing from the rear forward on this application.

1) Disconnect the negative battery cable. Remove the exhaust system at the o.e. flange after the catalytic converter y-pipe, un-bolt at the two nuts. Remove the hangers of the pipes from the o.e. rubber hanger mounts. You will need to re-use these o.e. rubber hanger mounts. You may need to cut the muffler out to ease the removal of the factory system, using a reciprocating saw or hack saw.

2) Install the rear tail pipe to the vehicle and connect the wire hangers above to the o.e. rubber hanger mounts first in the rear near the bumper, then in the over the axle hoop (two hangers here).

3) Install the outlet of the front tail pipe to the rear tail pipe using a 3" clamp. Connect the wire hanger to the o.e. mount along side the front tail pipe.

4) Install the center outlet of the muffler to the front tail pipe using a 3" clamp. The inlet is offset, with the offset routed towards the drive shaft.

5) Install the flat side of the flange first over the non-flared end of the front extension pipe and slide all the way to the ball flare, then slide the OD end of the front extension pipe into the inlet of the muffler, and connect the inlet of the front extension pipe to the converter y-pipe outlet using the new nuts, bolts, and washers.

6) Tighten all clamps. Check for clearance of all brake and fuel lines, and for clearance of all chassis and frame components. Reconnect the negative battery cable.

CONVERTER

BUILD SHEET FOR: 3" SINGLE KITS W/TURBO
PART#: 1022070
____1) FRONT EXTENSION PIPE # 1022071
____1) FRONT TAIL PIPE # 1022072
____1) REAR TAIL PIPE # 1022073
____1) HPM MUFFLER # 2142
____1) HARDWARE KIT

INSPECTED BY:_____
DATE:_____