

# FLOWMASTER™

## AMERICAN THUNDER™

### SYSTEM #17376 2003-06 HUMMER H2/SUT

#### Removal:

1/18/06

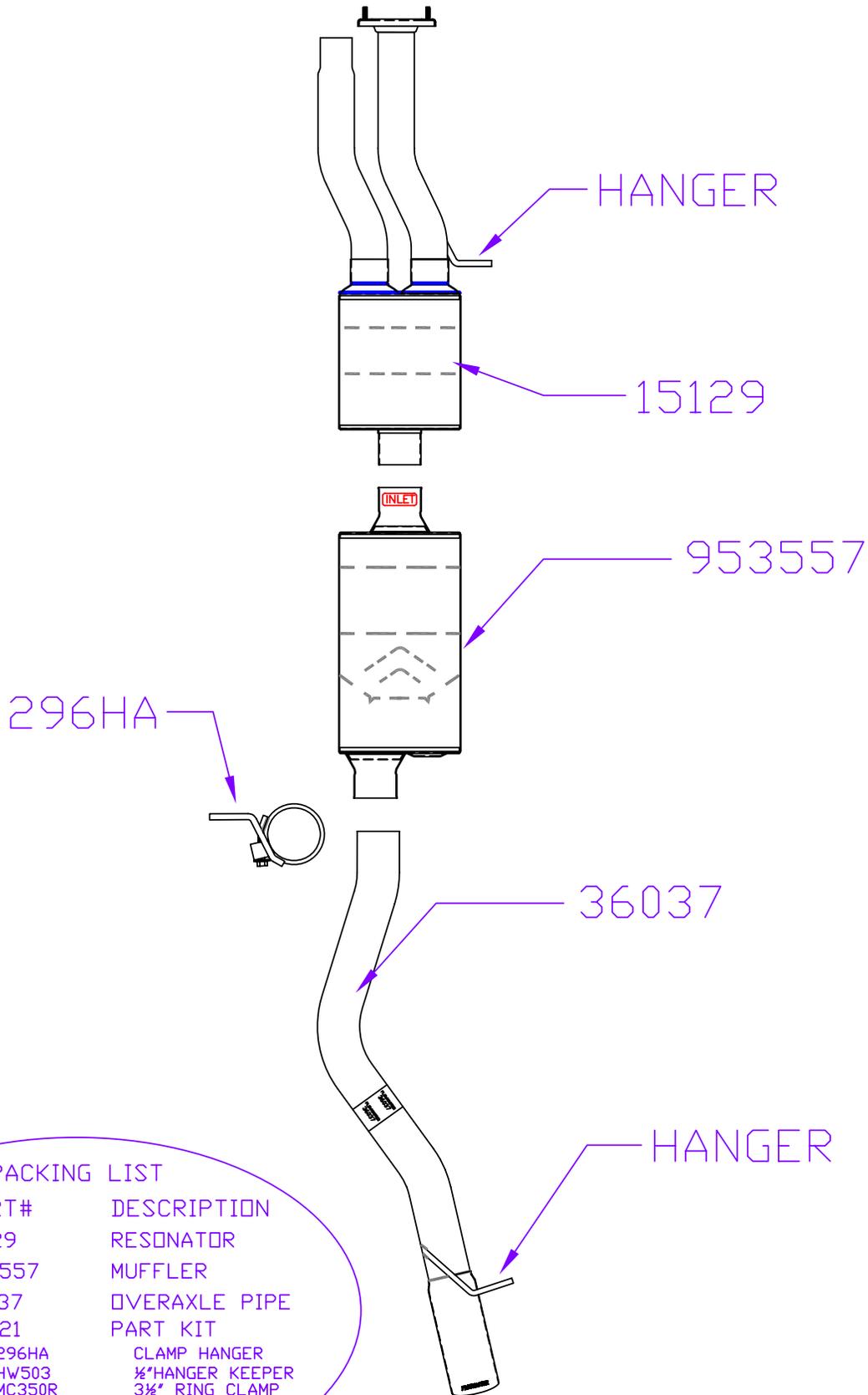
- 1) Raise vehicle and support with stands. To ease removal of the stock system, spray a penetrating lubricant onto the rubber hangers and also the bolts on the front flange.
- 2) Support the muffler with a stand, then using a hacksaw or sawzall, cut the stock tailpipe where it exits the muffler. Remove the hanger at the rear of the tailpipe from the rubber mount on the vehicle and lower the tailpipe from the vehicle.
- 3) Separate the wire hangers in front and back of the muffler from their rubber mounts on the vehicle. Then remove the two nuts from the flanged connection on the right inlet pipe using a **15mm wrench**. Also loosen the nut on the band clamp on left inlet pipe. Slide the muffler assembly toward the rear of the vehicle and off of the left inlet pipe. Lower the muffler assembly from the vehicle.

#### Installation:

- 1) Install resonator assembly #15129 by first sliding a **2½" ring clamp** on to the left inlet pipe then put the assembly up into place and align the flange connection on the right side, and the slip joint on the left side. Reinstall the two nuts onto the flange. Then tighten ring clamp enough to hold but allow for adjustment.
- 2) Install the provided **3 ½" ring clamp** onto the inlet of muffler #953557, then connect the inlet of the muffler to the resonator outlet. Use a stand to support the muffler, and install Clamp hanger #296HA onto the muffler outlet, but do not tighten yet.
- 3) Place tailpipe #36037 into position over the axle and connect it to the muffler outlet. Connect the wire hanger at the rear of the tailpipe to the rubber mount on the vehicle.
- 4) Adjust the position of all pipes and muffler to provide a satisfactory fit. Maintain at least **¾" clearance** around the system, and also keep suspension travel in mind.
- 5) Tighten all clamps and flange connections securely. For a "cleaner" fit, we recommend that the slip fit connections be welded. Place the supplied **½" hanger keepers** onto the ends of the three pipe hangers and slide them up to the rubber mounts to firmly hold the system in place.

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### PACKING LIST

QTY.	PART#	DESCRIPTION
1	15129	RESONATOR
1	953557	MUFFLER
1	36037	OVERAXLE PIPE
1	PK421	PART KIT
1	296HA	CLAMP HANGER
3	HW503	1/2" HANGER KEEPER
1	MC350R	3 1/2" RING CLAMP
1	MC250R	2 1/2" RING CLAMP