

FLOWMASTER™

AMERICAN THUNDER™

SYSTEM #17224

1996-1999 CHEVROLET/ GMC EXTENDED CAB/LONG BED TRUCK

1996-1999 CHEVROLET/ GMC CREW CAB/LONG BED TRUCK

7.4L AND 5.7L H.D. FUEL INJECTED VORTEC ENGINE

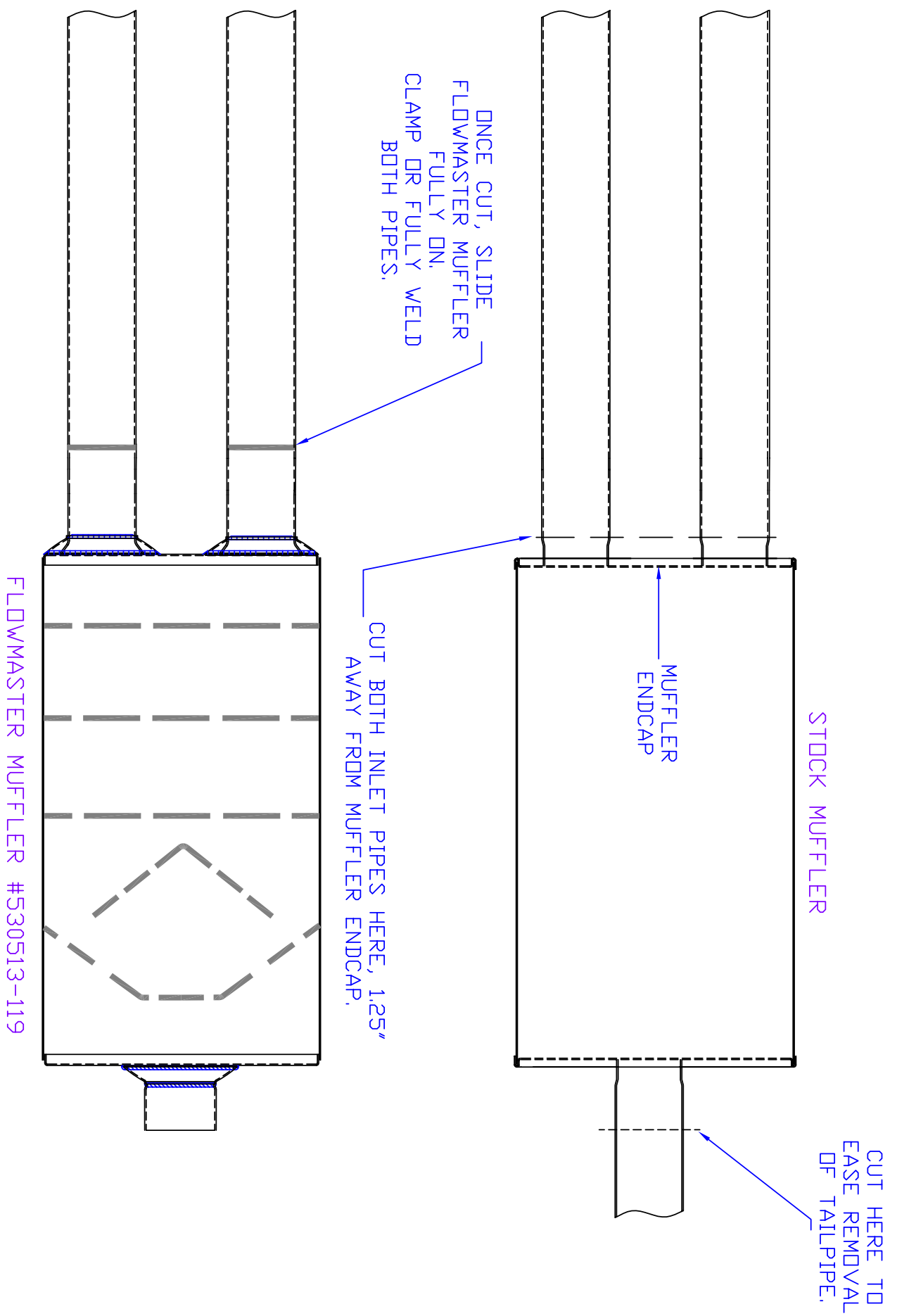
Removal:

7/09/04

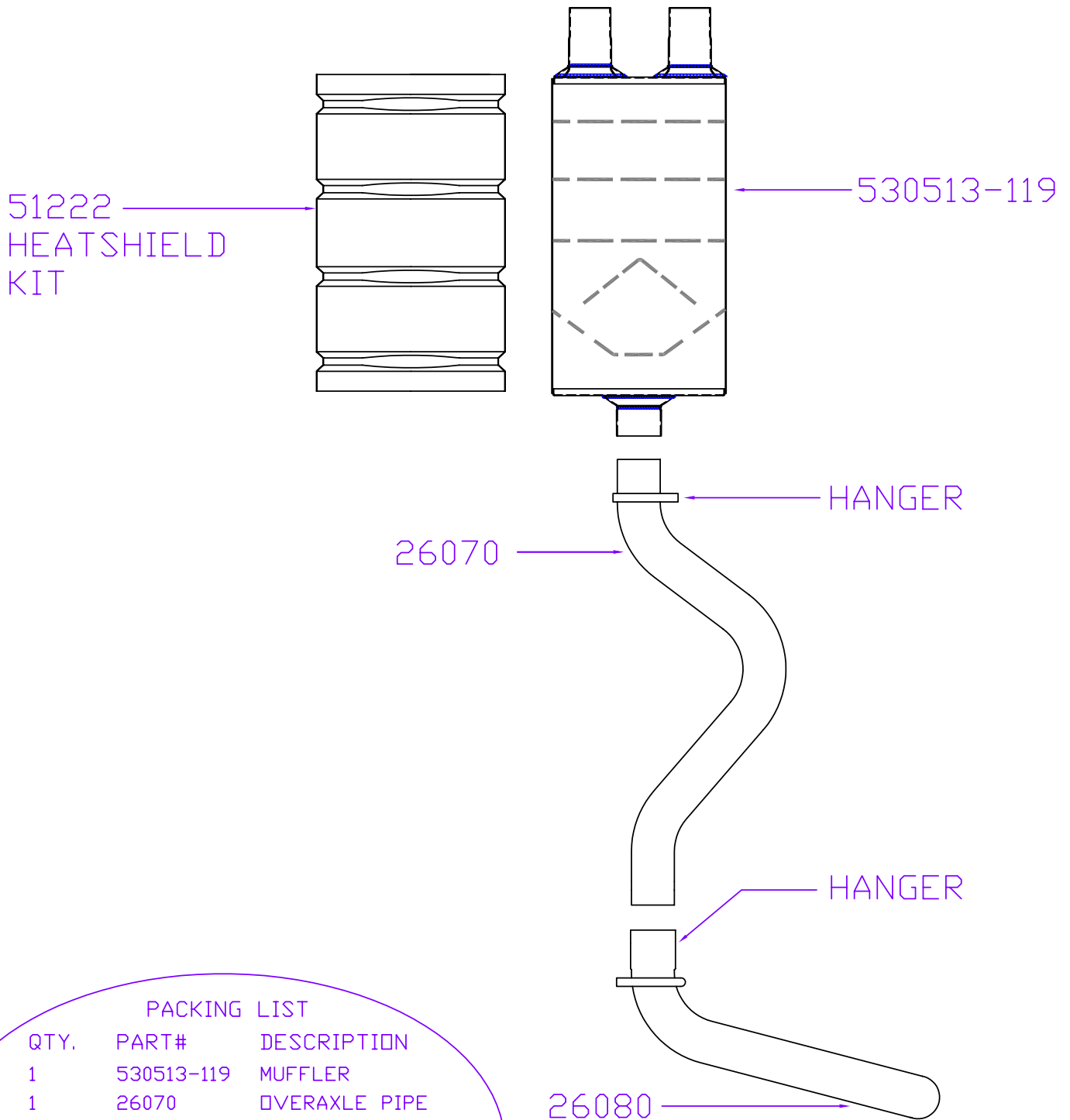
- 1) Raise the vehicle and support with jack stands.
- 2) Using a hacksaw or sawsall, cut the stock tailpipe off at the rear of the muffler.
- 3) Separate the two rubber hangers on the tailpipe from their rubber mounts on the vehicle. Remove the tailpipe from under the vehicle.
- 4) Support the muffler with a stand.
- 5) Using a tape measure, measure 1 1/4" from the muffler end cap and make a mark on both pipes. Cut both the right side and the left side inlet pipe on this mark. See the removal and installation diagram for a visual description of this step. Remove the muffler, and set aside.

Installation:

- 1) Slip muffler #530513-119 onto the front pipes until the muffler inlets are completely seated on the inlet pipes. (See diagram). Use a stand to support the muffler.
- 2) Raise pipe #26070 into position over the axle and connect with rubber hanger and muffler outlet. Install one of the 3" clamps provided, but do not tighten yet.
- 3) Connect exit pipe #26080 to the rear of over-axle pipe #26070 and connect the wire hanger to the rubber mount on the vehicle. Install one of the 3" clamps provided, but do not tighten yet.
- 4) Adjust the position of muffler and pipes to produce a satisfactory fit and adequate clearance (When viewed from the rear, the muffler will sit at a slight clockwise angle). Keep suspension travel and vibration in mind. **Fully clamp or weld both muffler inlets.**
- 5) Tighten all clamps down securely. For a "cleaner" installation, the pipe connections may be welded rather than clamped.
- 6) Using the four band clamps provided, secure the heat shield to the top of the muffler body. Tighten down clamps securely using an 8mm socket wrench or standard screwdriver. Then, place the supplied 1/2" hanger keepers onto the end of the over axle and tailpipe hangers, and slide them up to the rubber mount to firmly hold the system in place.



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PACKING LIST

QTY.	PART#	DESCRIPTION
1	530513-119	MUFFLER
1	26070	OVERAXLE PIPE
1	26080	EXIT PIPE
1	51222	HEATSHIELD KIT
1	PK310	PART KIT
2	MC234S	2 3/4" CLAMP
2	MC300G	3" CLAMP
2	1/2"	HANGER KEEPER