



SYSTEM #17224

1996-1999 GM C/K 2500-3500 TRUCKS
7.4L & 5.7L H.D. FUEL INJECTED VORTEC ENGINE
EXTENDED CAB / LONG BED

10/01/09

Removal:

- 1) Raise the vehicle up on a hoist or rack to working height. If you do not have access to a hoist or rack raise the vehicle and support securely 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. Using a tape measure, measure 1-1/4" forward 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. Remove the muffler and set aside.

Installation:

- 1) Before installing anything, prep the clamps supplied in the hardware kit by removing the nuts, and applying a thick lubricant such as white grease or anti-seize to the threads.
- 2) 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.
- 3) Raise pipe **#26070** into position over the axle and connect with the rubber hanger and muffler outlet. Install one of the 3" clamps provided, but do not tighten.
- 4) Connect the 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.
- 5) Adjust the position of the muffler and pipes to provide a satisfactory fit (when viewed from the rear, the muffler will sit at a slight clockwise angle). Maintain a minimum of 3/4" clearance between the Flowmaster system, the drivetrain and chassis components, while also keeping suspension travel and vibration in mind.

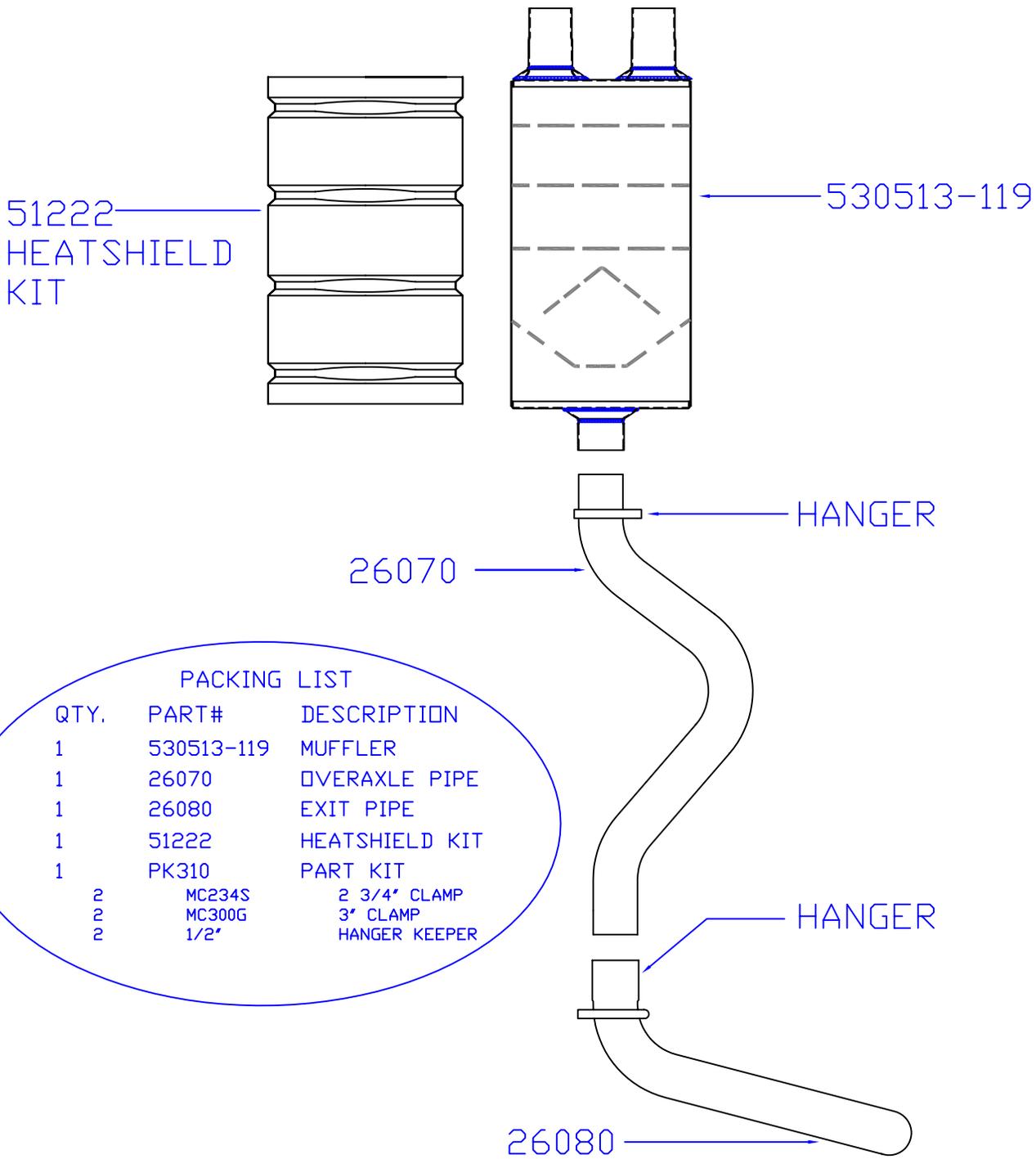
6) Tighten down all clamped connections securely. Using the four band clamps provided, secure the heat shield to the top of the muffler body. Tighten down clamps securely using an 8mm socket wrench or standard screwdriver. Place the supplied 1/2" hanger keepers onto the end of the over-axle and tailpipe hangers and slide them up to the rubber mount to firmly hold the system in place.

7) For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections. If you live in a geographical area that has harsh winters or sees a great deal of precipitation, the use of high temperature paint over the welded areas can help to prevent surface rust and premature corrosion.



Installation diagram for:
SYSTEM #17224

1996-1999 GM C/K 2500-3500 TRUCKS
 7.4L & 5.7L H.D. FUEL INJECTED VORTEC ENGINE
 EXTENDED CAB / LONG BED



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