

FLOWMASTER™

FORCE II™

FLOWMASTER FORCE II SYSTEM #17122

**1996-99 CHEVROLET/GMC SUBURBAN
½ TON - 5.7L ENGINE**

07/08/04

Removal:

- 1) Raise the vehicle and support with stands.
- 2) Using a hacksaw or sawsall, cut the stock tailpipe off where it exits the muffler. (This step is not mandatory, but it makes removal a little easier.)
- 3) Separate the two wire hangers on the tailpipe from the rubber mounts on the vehicle. Remove the tailpipe and set aside.
- 4) Support the muffler with a stand, then separate the wire hanger from the rubber mount in front of the muffler.
- 5) Remove the Oxygen sensor from the front pipe by first unplugging the wire at the clip connection located above the transmission, then unscrewing the sensor from the fitting on the pipe using a 7/8" wrench.
- 6) Remove the three nuts at the muffler to cat flange connection. Remove the muffler and set aside.

Installation:

- 1) Place inlet pipe assembly #26052 in position behind the flange that is welded to the back of the catalytic converters. **(Be sure to install the new gasket #GA105 between the two flanges.)** Connect the wire hanger to its rubber mount, and re-install the factory nuts on the flange connection. Thread the oxygen sensor into the fitting on pipe #26052, and also reconnect the sensor wire.
- 2) Connect the inlet of muffler #53051 to the inlet pipe. Use a stand to support the muffler, and install a 3" clamp, but do not tighten yet.
- 3) Place "over axle" pipe #26053 into position, and connect it to the muffler outlet. Connect wire hanger to its rubber mount and install a 3" clamp, but do not tighten yet.
- 4) Connect "Exit" pipe #26054 to the rear of "over axle" pipe, and connect wire hanger to the rubber mount. Install a 3" clamp but do not tighten yet.

- 5) Using the four band clamps provided, secure the heat shield to the top of the muffler. Tighten down firmly using an 8mm socket wrench.
- 6) Adjust the position of all pipes and muffler to provide a satisfactory fit. **A minimum 3/4" of clearance** around all parts of the system must be maintained; while also keeping suspension travel and vibration in mind.
- 7) Tighten all clamped connections down securely. For a "cleaner" appearance, connections may be welded and the clamps removed.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Muffler	53051
1	Inlet Pipe Assembly	26052
1	"Over Axle" Pipe	26053
1	"Exit" Pipe	26054
1	Heat Shield Kit	51222
1	Dual Hole Gasket	GA105
1	Parts Kit	PK312
3	3" Muffler Clamps	MC300G
3	½" Hanger Keepers	

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