

### 3 Overview of pressure measuring points

- M1** Emergency steering pump measuring point
- M2** Auxiliary pump measuring point
- M3** LS pump measuring point
- M4** LS pressure measuring point
- M5** Control pressure measuring point

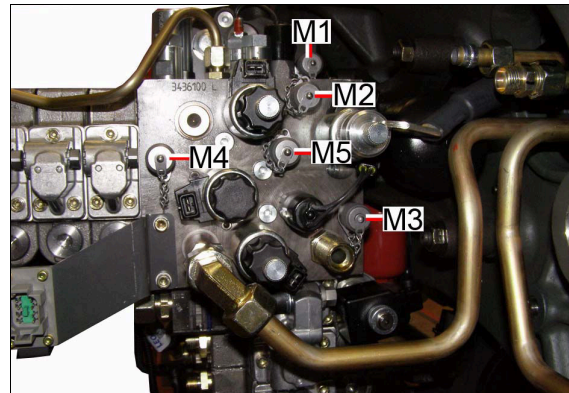


Fig. 3.

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M1	pPNL	Emergency steering pump pressure - Because the pump is flange-mounted directly to the 4WD, it only operates whilst the tractor is moving.
M2	pPH	- Auxiliary pump pressure - Standby pressure for control pressure - As needed and at a steering lock of 190 bar (Need scenario exists only if the LS pump is fully "occupied" with current oil demand, can no longer meet demand, and pressure requirement from steering system is higher than current working pressure)
M3	pPR	All LS pump pressures - Min. standby pressure - Current working pressure - Max. standby pressure Other functions (engine speed/cold-start/warm-start) are also active when engine is started.
M4	pLS	Control pressure (=command/signal) to the LS pump
M5	pSt	Control pressure is required to activate spool valves 1 to 7 and the EPC valves also

- M6** Side reference pressure return measuring point
- M8** Lower LS pressure valve installation measuring point

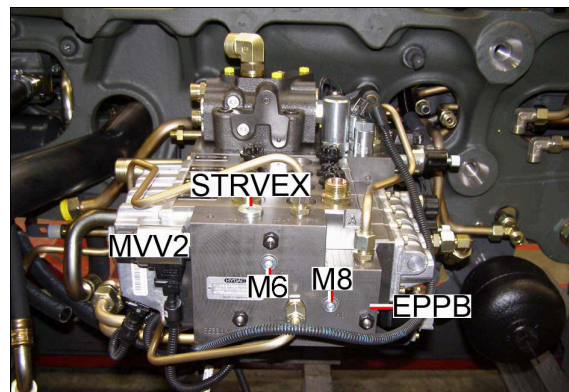


Fig. 4.

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M6	Side RREF	Pressure in the side return flow - Is measured in the side end plate
M8	pLS	LS pressure from the bottom valve stack

**M7** Lower reference pressure return measuring point

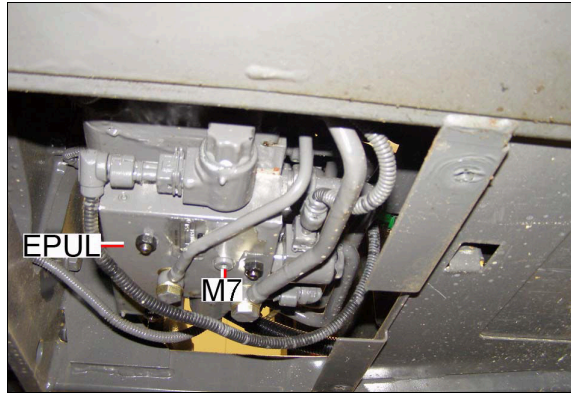


Fig. 5.

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M7	Bottom RREF	Pressure in the bottom return flow - Is measured in the bottom end plate
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