

22: Oil pressure, B5202FS

S70, 1997, B5202FS, M56, L.H.D, YV1LS4102V1409796, 409796

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22: Oil pressure, B5202FS**Checking oil pressure****Special tools:**

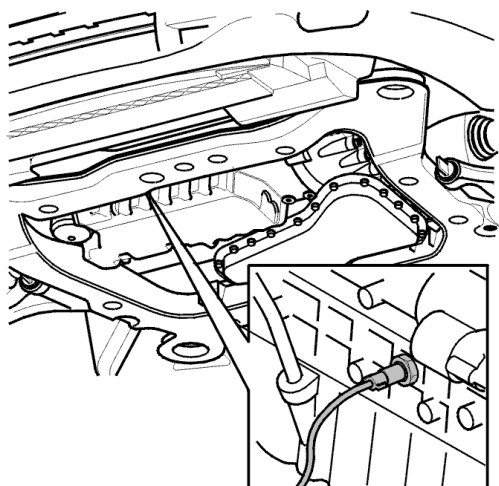
999 5270

Tightening torques

For tightening torques not in the text, see

B52x4x Tightening torque

B6xx4x Tightening torque

Checking the oil pressure sensor

Note! When checking the oil level and oil pressure, the engine should be at normal operating temperature which corresponds to 15 minutes normal driving (100°C / 212° F). If the oil quality and type or oil filter condition cannot be determined, replace the oil and filter.

Remove

- the air baffle on both sides
- the centre air baffle under the engine.

Check

- the cable and connectors
- type and function. Try a new sensor
- any cable faults between sensor and warning lamp.

Note! Use a new gasket when the new sensor is installed.

Checking the oil pressure

Use instrument kit 999 5270 . Connect to the oil pressure

sensor duct on the cylinder block. Start the engine and read off oil pressure at different engine speeds (RPM).

Oil pressure B52x4x

13.3 r/s (800 rpm)	min 0.10 MPa
66.7 r/s (4000 rpm)	min 0.35 MPa
Maximum oil pressure (relief valve opens)	0.48 MPa

Oil pressure B6xx4x

12.5 r/s (750 rpm)	min 0.10 MPa
66.7 r/s (4000 rpm)	min 0.35 MPa
Maximum oil pressure (relief valve opens)	0.65 MPa

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