



[Replacing the oil and oil filter](#)

[Oil pressure: Inspecting and replacing the oil pressure sensor](#)

[Replacing oil pump, front retaining ring](#)

Oil pressure: Inspecting and replacing the oil pressure sensor

[999 5270](#)

[999 5271](#)

[999 5272](#)

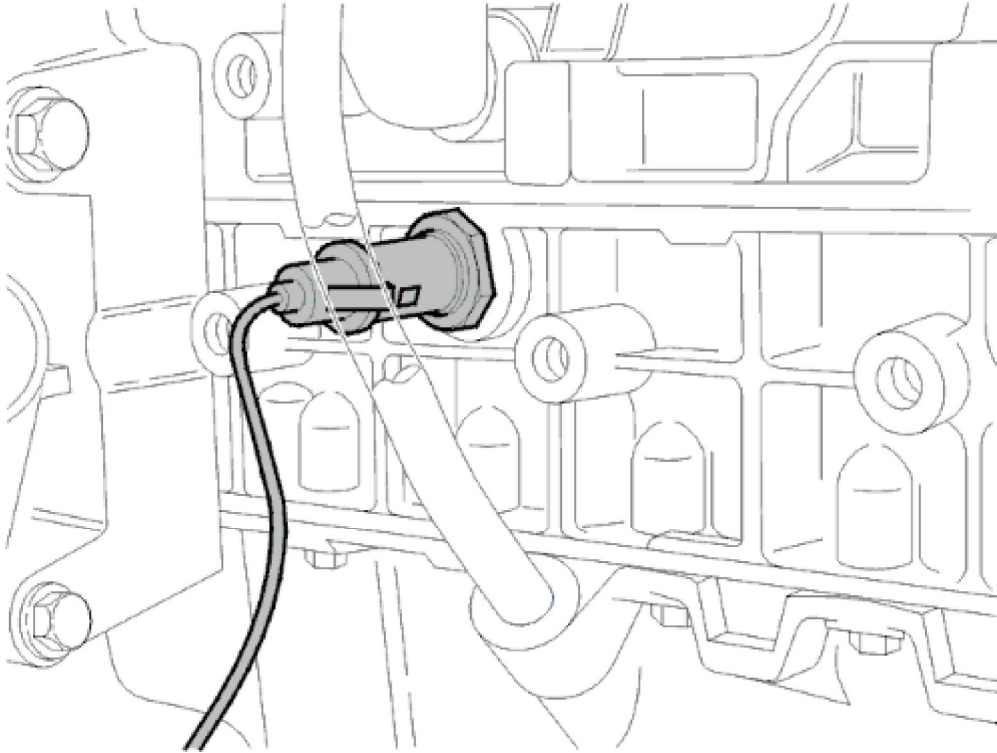
[999 5273](#)

Note!

When checking the oil pressure, the engine should be at a temperature which corresponds to 15 minutes normal driving (100°C). Replace the oil and filter if the engine oil grade, type or condition cannot be determined.



Checking the engine oil pressure sensor



Raise the car.

Remove the engine cover.

Check:

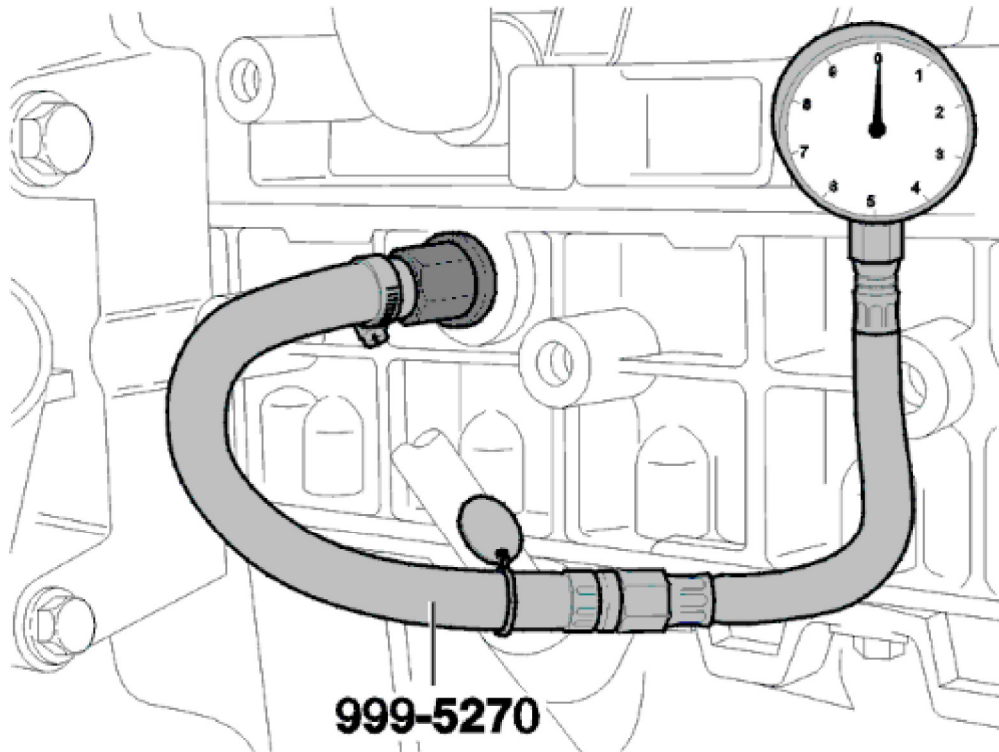
- The oil pressure sensor cable and connectors
- Check for an open-circuit in the cable between the oil pressure sensor and the indicator lamp.
- Type and remedy; try a new pressure sensor.

Note!

Use a new seal between the oil pressure sensor and the cylinder block.



Checking oil pressure



Use oil pressure gauge kit Special Tool: [999 5270](#) .

Adapter Special Tool: [999 5273](#) , hose Special Tool: [999 5272](#) and gauge Special Tool: [999 5271](#) . Connect these items to the hole on the cylinder block for the oil pressure sensor.

Start the engine. Read off the oil pressure at different engine speeds (RPM).

Minimum oil pressure at:

13.3 r/s (800 r/min)	0.10 MPa
14.2 r/s (850 r/min)	0.10 MPa
66.7 r/s (4000 r/min) minimum	0.35 MPa
66.7 r/s (4000 r/min) maximum	0.70 MPa

Note!

The relief valve begins to open at 0.5 MPa.

Remove the tools.

Use a new gasket when installing the oil pressure sensor.

Tighten to **25 Nm** .