

18–120 Checking thermostat in oil filter

Special tool

Telethermometer for measuring engine oil temperature



116 589 27 21 00

Note

To obtain a favorable operating temperature of engine oil at a faster rate, a thermostat with an opening temperature of 110 °C (formerly 95 °C), part No. 117 180 00 75 has been installed in oil filter since December 1979.

The thermostat 110 °C can also be installed in engines manufactured at an earlier date as a spare part.

Start of series

Model	Engine	Engine end No.
116.120	617.950	019719

Checking

- 1 Exchange oil dipstick for flexible heat sensor.
- 2 Run engine at increased speed and watch telethermometer.
- 3 At an oil temperature of 110 ± 4 °C or 95 ± 4 °C, depending on thermostat installed, a distinctive increase of oil temperature on oil cooler should be noticeable (manually).

If not, replace thermostat (18–125).