

Engine 616 617

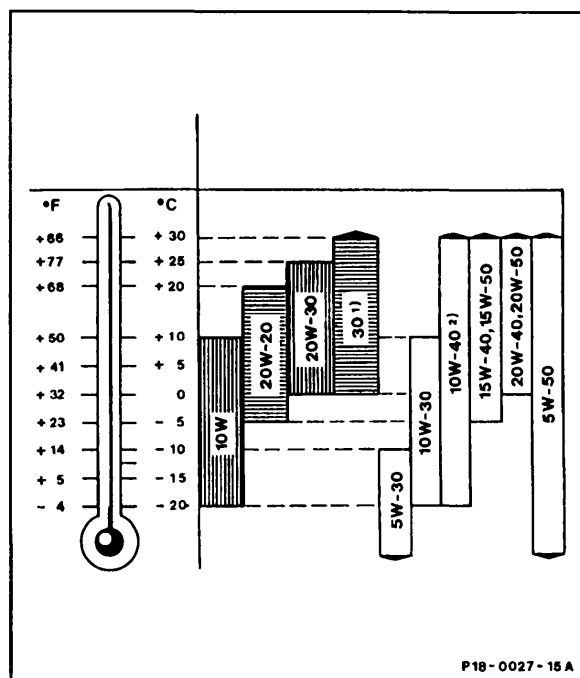
Specified SAE viscosity classes during continuous ambient temperatures

Following the SAE grades exactly according to the ambient air temperatures would result in frequent engine oil changes. The temperature ranges for the SAE grades should therefore be regarded as a guideline which may be exceeded for brief periods.



CAUTION!

SAE 10W single grade oils must not be used in engine 617.95.



- 1) For continuous ambient temperatures above + 30 °C (86 °F), SAE 40 can be used.
- 2) Except Turbodiesel engine 617.95

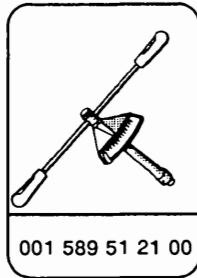
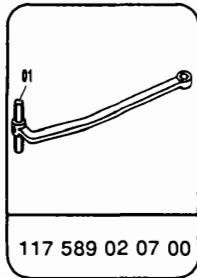
Oil capacity in liters

Engine	616, 617.91	617.95	617.95 (04/84)
Oil dipstick color code	red	white	ocher brown
Total capacity during oil and filter change	6.5	7.5	8.0
Oil pan	4.3	4.8	4.8

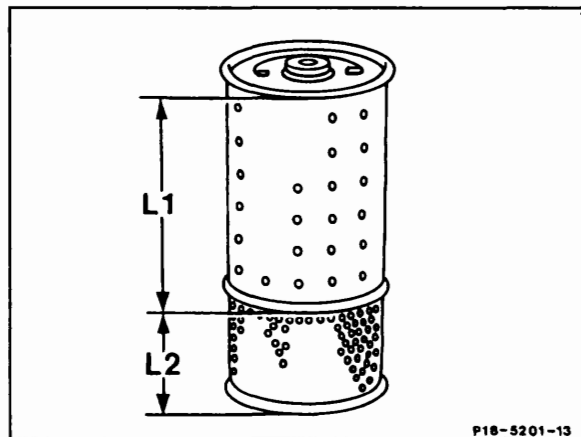
Torque specifications (Nm)

Oil pan drain plug	40
Mounting nuts, oil filter cover	25

Special tools



Due to the different sizes, the filter element and the rubber seal ring on the cap should not be exchanged with those on engines 601, 602 and 603.



Engine 601,602,603

Dimension L1 113 mm
L2 49 mm

Engine 616,617

Dimension L1 131 mm
L2 55 mm

Prior to suctioning or draining engine oil, empty oil filter. For this purpose, loosen nuts (arrows) and remove cover.

