Tightening torques		Nm	(kpm)
Oil drain plug to oil pan	M 12	40	(4)
	M 26	50	(5)
Oil pan lower half to upper half		10	(1)

Special tools

Torque wrench handle 20–100 Nm (2–10 kpm)	-	001 589 35 21 00
Torque wrench handle 50-200 Nm (5-20 kpm)	1	001 589 44 21 00
Plug-type ratchet 1/2" square for torque wrench	211004-7115	001 589 42 09 00
Allen wrench 5 mm, 300 mm long	1200-5187	116 589 02 07 00

Note

As a spare part, the oil pump, part No. 115 180 13 01, of engine 115 will be delivered for engines 615.912/913.

Removal

- 1 Drain engine oil.
- 2 Remove oil pan lower half.
- 3 Unscrew fastening screw on cylinder crankcase and on bearing cap.
- 4 Pull out oil pump.

Installation

5 For installation proceed vice versa.

