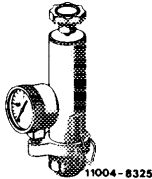
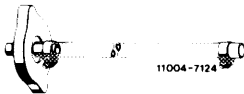
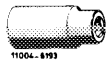



20–230 Removal and installation of coolant pump housing

| Tightening torques | | Nm |
|--|----------------|---------------------|
| Radiator drain plug | Model 116 | 6–10 |
| | Model 123, 126 | 1.5–2 ¹⁾ |
| Coolant pump housing to cylinder crankcase | | 27–33 |
| Viscofan coupling to coolant pump | | 20–25 |

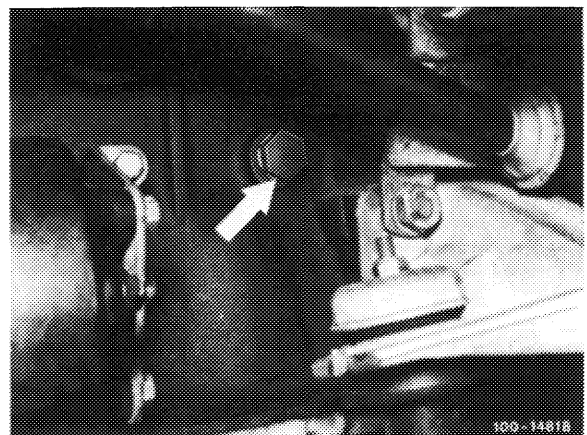
¹⁾ This torque can be obtained by means of a washer or a coin.

Special tools

| | | |
|---|--|------------------|
| Tester for cooling system |  | 001 589 48 21 00 |
| Radiator cap with hose for leak test |  | 605 589 00 25 00 |
| Socket 27 mm, 1/2" square |  | 001 589 65 09 00 |
| 7 mm socket on flexible shaft for hose clamps with worm drive |  | 123 589 12 09 00 |

Removal

- 1 Completely drain coolant (20–010).
- 2 Remove radiator (20–420).
- 3 Remove fan with viscofan coupling.
- 4 Slacken all V-belts and remove (13–340).
- 5 Remove coolant pump pulley.
- 6 Remove crankshaft pulley and vibration damper (03–340).

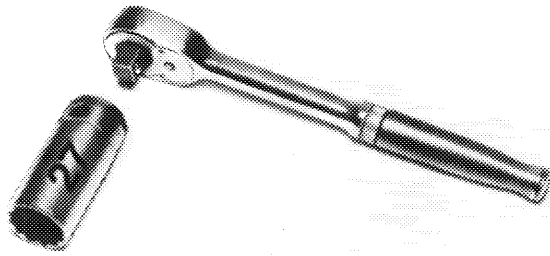


Drain plug on cylinder crankcase

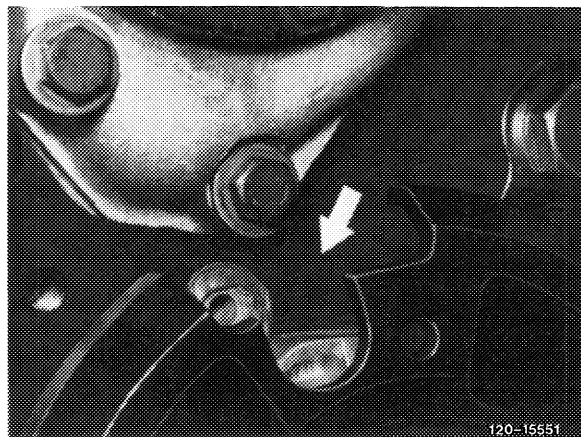
7 Disconnect hot water return hose on coolant pump housing.

8 Disconnect hose between coolant thermostat housing and coolant pump housing.

9 Rotate crankshaft with tool combination until the recess in balancing disk is in front of lower fastening screw of coolant pump housing (arrow).



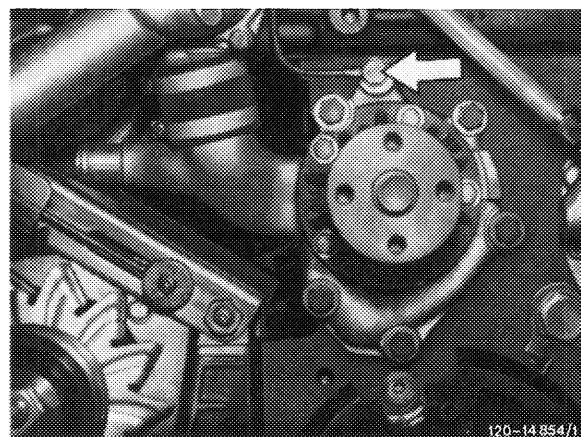
1100-6438/1



120-15551

10 Unscrew vent line on coolant pump housing (arrow).

11 Unscrew coolant pump housing and remove together with coolant pump.



120-14854/1

Installation

12 Install coolant pump housing with new gasket and tighten fastening screws to 27–33 Nm.

13 For further installation proceed vice versa to removal.

14 Add coolant (20-010).

15 Pressure-test cooling system with tester (approx. 1 bar gage pressure).