Total filling capacities cooling system with heater and mixing ratio

Antifreeze/water in liters

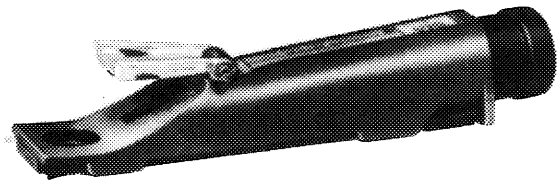
Model	Engine	Total capacity cooling system with heater	Mixing ratio antifreeze/water for antifreeze protection up to	
			–30 °C	–45 °C
107.025/045/047	116.960/962/964	12.5	5.50/7.00	7/5.5
107.026/046/048	117.960/962/964/967	13.5	6.00/7.50	7.5/6
126.032/033/034/035/043/046	116.961/963/965	12.5	5.50/7.00	7/5.5
126.036/037/039/044/045	117.961/963/965/968	13.5	6.00/7.50	7.5/6

Tightening torques	Model	Nm
Drain plug radiator	107	6–10
	126	1.5–2[1])
Drain plugs crankcase		25

[1]) This torque can be generated with a washer or a coin.

Conventional tool

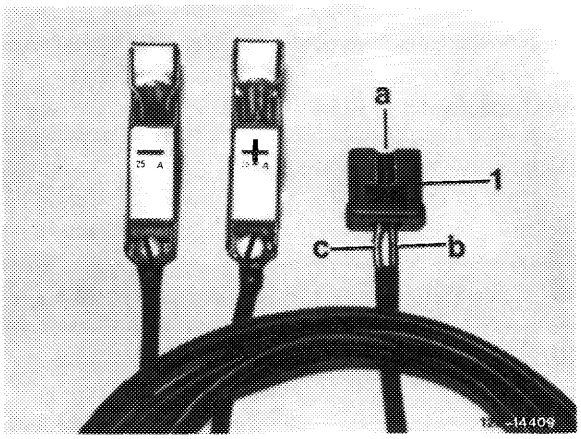
Antifreeze tester
Prestone VU-Check (Union Carbide)
e.g. Philipp Gather, D–4020 Mettmann 2



R-4789

Self-fabricated tool

Coupling (1), part No. 002 545 49 28
approx. 1 m cable 1.5 mm^2 black (b) +
approx. 1 m cable 1.5 mm^2 brown (c) –
1 cable terminal +
1 cable terminal –



a Locating groove

Note

For reasons of corrosion protection and due to the raising of the boiling point, the corrosion/antifreeze protection agent should always be used in countries with warm climate all year round.

When renewing or adding coolant, a concentration of 44 % by volume should be aimed at, this corresponds to antifreeze protection of –30 °C.

If no corrosion-antifreeze protection agent is available and only water is added, 1 % of additives (corrosion protection oil), 10 cm^3/1 l water must be added.

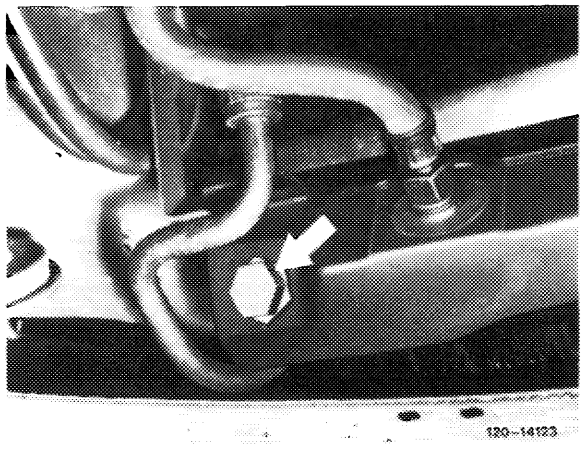
Caution!
In order to avoid damage to light alloy components, only corrosion-antifreeze protection agents (Specifications on Service Products sheet 325.1 and 325.2) may be used.

Model 107 with automatic climate control requires special measures when filling in the coolant.

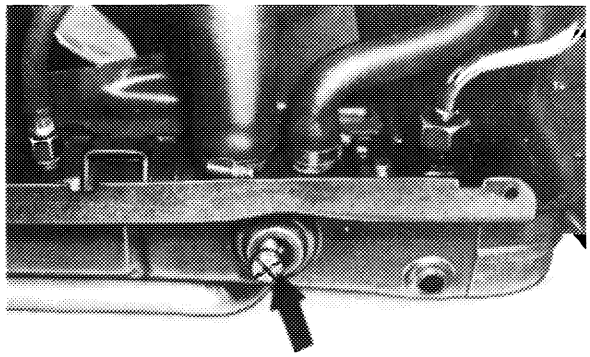
Draining

1 Open cap on expansion tank in stages **(only below 90 °C)**.

2 Unscrew drain plug in radiator.



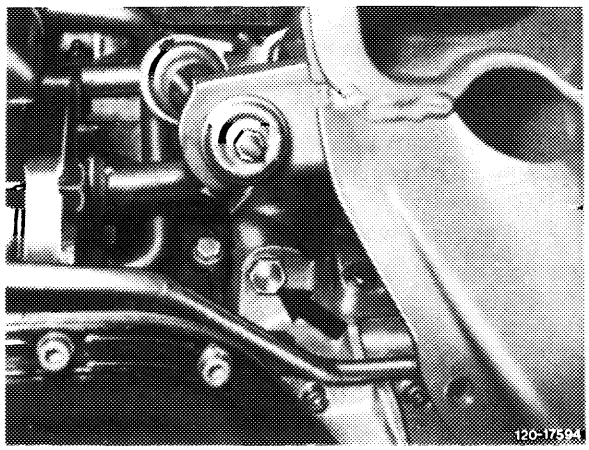
Drain plug model 107



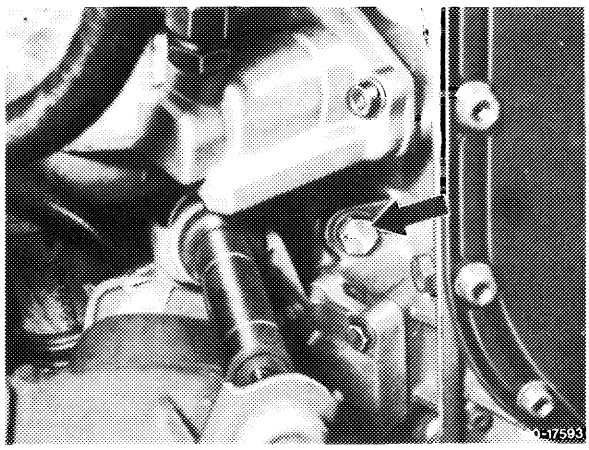
Drain plug model 126

120-17597

3 Unscrew drain plug at right and left of crankcase.



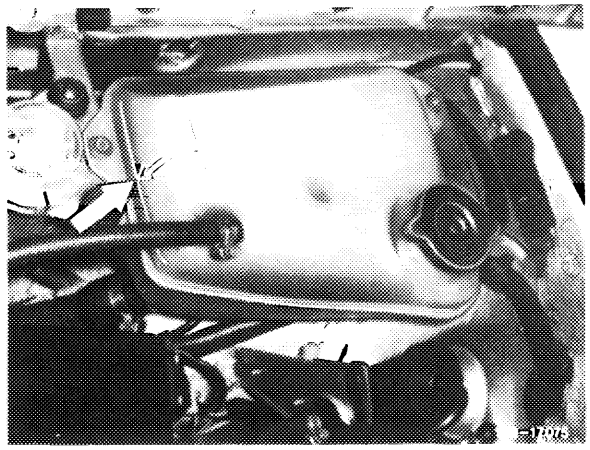
Drain plug left



Drain plug right

Filling in

4 Fill in coolant slowly up to the mark on the expansion tank (arrow). Leave filler neck on expansion tank open.



Expansion tank

Arrow = Coolant level cold

Model 107

On vehicles **with** or **without air conditioning system**, set both heater levers to maximum heating capacity.

On vehicles **with automatic climate control**, pull off plug of electric supply line on heating water pump. Connect heating water pump to battery by means of self-made tool.
Push „DEF" button.

Model 126

On vehicles **with automatic heater control**, set both temperature dials to „Max".

Push „DEF" button on vehicles with automatic climate control.

5 Warm up engine by intermittently pressing the accelerator until coolant thermostat opens.

For this purpose, likely open vent screw (7) on engines 116.960 and 116.961 (AUS) (J) (S) (USA) 1981.

Note: Fit expansion tank cap at a coolant temperature of approx. 60 °C.

6 Close vent screw (7) on engines 116.960 and 116.961 (AUS) (J) (S) (USA) 1981.

7 On model 107 with automatic climate control, refit plug of electric supply line to heating water pump.

8 Check coolant level and replenish up to specified level.

Caution!
Open cap only below 90 °C coolant temperature.