

12 - ELECTRICAL SYSTEM

Coolant level indicator on the 104, Samba, 205, 305, 504, 505, 604

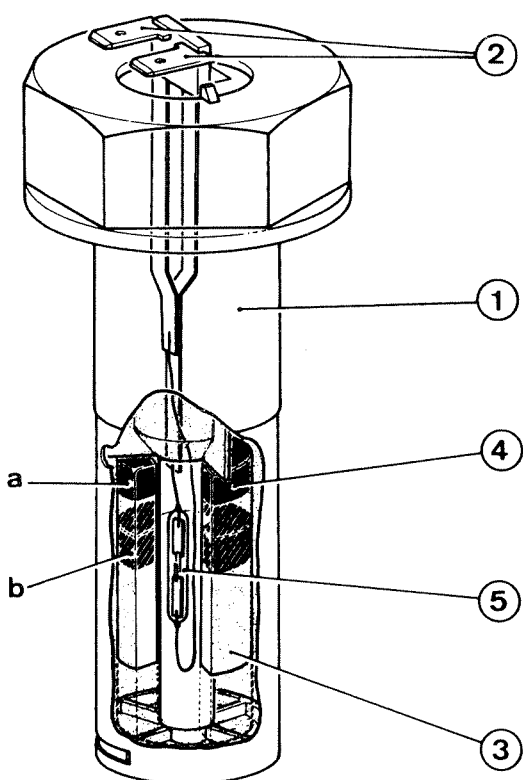
From the following serial numbers :

104	6 334 571	305 GT.....	since introduction
Samba	EP 156 140	504 D	3 840 000
205	5 098 990	505 D	1 578 001
305 D	9 175 001		

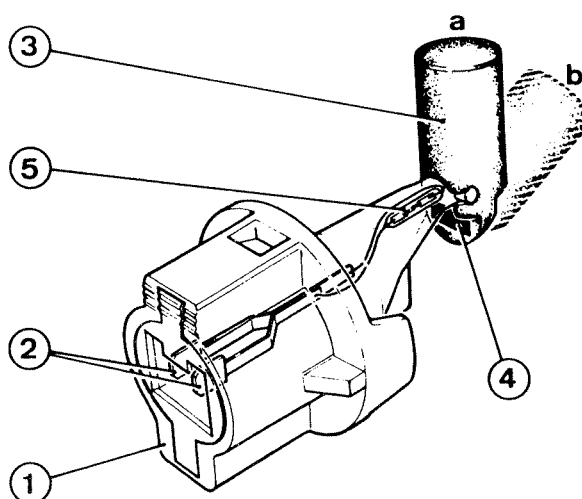
104, Samba, 205, 305 D and GT, 504 D, 505 D and 604 D vehicles are fitted with a minimum coolant level indicator. If the level falls, the indicator switches on the coolant temperature warning light.

The coolant level indicator is in the expansion bottle, on diesel models. On the 104, Samba, 205 petrol and 305 GT, the coolant level indicator is mounted on the radiator side tank.

*Coolant level indicator in the expansion bottle
or in the radiator side tank*



*Coolant level indicator in the radiator side tank
of the 305 GT*



Description :

- | | | |
|-------------------------|------------|---|
| 1 - Body | 3 - Float | 5 - Reed-contact : a bulb containing a switch, in a vacuum. |
| 2 - Connection terminal | 4 - Magnet | |

Principle of operation

- When the coolant level is correct :
The float (3) is in the position (a) : the switch in the bulb is open
- When the coolant level is incorrect :
The float (3) is in the position (b) : the effect of the magnet's magnetic field on the switch closes it and earths the coolant temperature warning light.

Remark :

When removing the coolant level indicator on the 305 GT it is essential that the radiator is empty and in the position that it normally occupies on the vehicle. If not, the float pivot pin will be damaged.