



VW Golf IV **With automatic air conditioner**

Air conditioner without function / Exterior temperature display implausible

If the air conditioner in the above-mentioned vehicles should no longer be able to be switched on and/or the exterior temperature displayed on the air conditioner control unit does not correspond to the actual exterior temperature, this does not necessarily mean that the unit is faulty.

If the driving speed falls to below 15 km/h with these vehicles and the refrigerant temperature is $> 70^{\circ}\text{C}$, the value of exterior temperature displayed is no longer changed.

In this case, the actual exterior temperature is no longer displayed, since this could be falsified by banked up heat from the engine at these low speeds. This "freezing" of the last measured value can lead to a vehicle which has been parked at 0°C exterior temperature, for example, and is then driven into the warmer garage at low speed still displaying an exterior temperature of 0°C . Since the temperature is below the switch-on threshold value (approx. $+4^{\circ}\text{C}$) for the air conditioner, the system cannot be switched on. In this case, neither the exterior temperature sensor nor the air conditioner are faulty. To get a current exterior temperature display or be able to turn the air conditioner on again, the vehicle simply has to be briefly driven at a speed > 15 km/h.

This situation can also apply to other vehicles and models and should always be taken into account during troubleshooting.

Bulletin