



## **Mercedes Benz W 129, 140, 202, 208, 210, 220**

### **Air conditioning sometimes cuts out.**

If there are complaints with these vehicles that the air conditioning sometimes cuts out, the evaporator temperature sensor can be one possible cause. A faulty evaporator temperature sensor causes the following effects: the air conditioning switches on and works without any problems for about 10 minutes. Then the compressor switches off. If the ignition is switched off and then back on again, the air conditioning runs for around 10 minutes again.

The evaporator temperature sensor is damaged by condensation. Since the only thing that changes is the resistor value in the sensor, a false evaporator temperature is sent to the control unit. This then switches the compressor off. There is no fault stored in the fault memory of the air conditioning control unit.

To eliminate this fault, the evaporator temperature sensor has to be replaced. The temperature sensor is in the evaporator box in the footwell on the driver's side (Fig. 1). To replace this, the trim below the steering column has to be removed (Fig. 2).



Fig. 1



Fig. 2