



Mercedes S-Class (W140, C140) With automatic air conditioning

Auxiliary fans permanently run at level 3 – Pressure sensor water ingress

In the case of the above-mentioned vehicles, it may be that the condenser auxiliary fans constantly run at level 3. This can be caused by water ingress at the pressure sensor (see picture), via the plug-connection or the harness. In the event of a complaint, the harness and the plug-connection should be checked and, if necessary, dried/cleaned. Following this, the pressure sensor should be checked and, if necessary, replaced. The sensor can be checked as follows:

- Connect a pressure manometer to the high-pressure connection of the air-conditioning system
- Connect diagnosis equipment to the vehicle
- Select the menu “Measured values/Parameters”
- Take a readout of the “actual value” of the pressure sensor

Compare the values of the pressure manometer and the diagnosis equipment. If the pressure difference is greater than 2 bar, the pressure sensor (*Behr Hella Service* part no.: 6ZL 351 028-161) should be replaced.



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