



Mercedes E-Class (W211) with automatic air conditioning S-Class (C215, W220) SL-Class (R230)

Compressor/Mirror heating switches on too often. Multi-function sensor incorrectly calibrated

In the case of the above-mentioned vehicles, an incorrectly calibrated multi-function sensor (MFS) can lead to the compressor and also the mirror heating being switched on excessively often. This results from incorrect values, which are transmitted from the MFS sensor to the CAN bus.

In addition to the proportion of carbon monoxide and nitrogen oxide, the MFS sensor also monitors the humidity content of the fresh air sucked in. If required, the sensor activates, among other things, the recirculated-air function. The MFS sensor cannot be recalibrated. In the event of the above-mentioned complaints, a malfunction should be confirmed with the aid of diagnosis equipment (by taking a readout of the fault memory). If, while doing this, the fault entry is "MFS sensor incorrectly calibrated" is indicated, the sensor should be replaced and the fault entry deleted.

Bulletin