



Mercedes C-Class (W203) With comfort feature automatic air conditioning (Code 581b) Multi-function sensor/ compressor switch on often

In the case of the above-mentioned vehicles, an incorrectly calibrated multi-function sensor can lead to the compressor and the mirror heating switching on too often. This is the result of incorrect values which are transferred from the sensor to the CAN bus. The multi-function sensor monitors the carbon monoxide and nitrogen oxide content of the air before it is fed to the inside of the vehicle over an activated carbon filter. It activates the recirculating air mode if required. Before the sensor is replaced, the fault should be confirmed with the aid of a diagnosis unit. To replace the sensor, the housing (Fig. 1) of the interior filter must be removed first. Then both the dew point (humidity) sensor (Fig. 2, Pos. 1) and to the multi-function sensor (Fig. 2, Pos. 2) can be accessed.



Fig. 1



Pos. 1 Pos. 2

Fig. 2

Bulletin