



Mercedes Benz C 280 (W202)

Rough idling, misfiring during acceleration, low power, MIL illuminated.

If, on this vehicle, the customer complains of rough idling, misfiring during acceleration, low power and/or illumination of the MIL (**M**ailfunction **I**ndicator **L**amp), a possible cause could be the airflow meter. For fault diagnosis the fault code memory should be read out. If no fault code is stored, the actual values should be read out under load during a test drive. Compare the actual values with the desired values. The desired values are stored under the test option in the diagnosis tool. Differing actual values of the airflow meter can be found out in this way.

Desired value hot film air mass meter:

Idle speed, engine operation temperature: 15,9-18,1 Kg/h

During test drive, approx. 5500 rpm: 575-625 Kg/h

Before the fault diagnosis, the intake air system should be checked for leaks, to ensure that no extra air distorts the result.

After the repair the fault code memory must be cleared.