



Mercedes Benz C-Class (W 202) with petrol engine

Engine hard start, sporadically no start or doesn't start

If on this vehicle the customer complains of difficult starting, intermittent non start or not starting at all, a possible cause could be the engine control relay. The relay has the job to supply the ECU with voltage. If the relay fails, there is no voltage supply for the ECU. The relay, recognisable by the fuse on top (picture 1), is fitted next to the ECU. This is fitted under a cover behind the right firewall in the engine bay.

To check the relay a vehicle specific wiring diagram is needed. At first, check the fuse on top of the relay. If the fuse is okay, the voltage at the input pins of the ECU from the relay should be checked. Battery voltage must be measured with ignition on.

If no voltage is present, the voltage supply of the relay must be checked. Is the voltage okay, it is safe to assume that the relay is faulty.



Picture 1



Picture 2