



VW Lupo With 1.4-litre 16V engine (APE)

Engine misfires, rough idling.

If there are complaints with these vehicles that the engine misfires and runs roughly when idling, possible causes are a defective spark plug and a defective spark-plug lead. In order to eliminate the fault, a readout of the fault memory of the engine control unit should be taken. Here, the following faults may be stored, for example: 16688 = misfire cylinder 4 found and 16588 = injection valve cylinder 4 interruption/short-circuit. Before time-consuming troubleshooting is carried out, the spark plugs and the spark-plug leads should be checked. In the case of the above-mentioned fault, the cause is often a jumping ignition spark between the spark-plug lead and the spark-plug insulator (see photo). The fault can be eliminated by replacing the spark plugs and the affected spark-plug lead(s). After this, the fault memory must be deleted.

