



**Audi A4**  
**With engine AKL, model year**  
**1996–2001**  
**VW Golf IV**  
**With engine AKL, model year**  
**1997–2004**

**Engine does not start.**

If there are complaints with these vehicles that, during the starting procedure, the engine turns but does not start, one possible cause is a defective crankshaft sensor. An internal short-circuit in the sensor leads to its failure. In order to eliminate the fault, the crankshaft sensor must be replaced. Before replacement, for reliable fault diagnosis, a readout of the fault memory should be taken using diagnosis equipment, and the signal pattern of the crankshaft sensor should be checked using an oscilloscope.

Note

In isolated cases it is possible that damage to the sensor wheel of the crankshaft sensor may occur. The fault may then also point to a defective sensor. If the sensor is replaced, it is essential that the sensor wheel is checked.