



## ***Audi A4 and A6, current models***

### **Fuel gauge does not function correctly**

If there are complaints that the fuel gauge does not show a full tank, fluctuates greatly, or jumps backwards and forwards when driving, a jammed tank sensor, communication problems between the tank sensor and instrument cluster, or a soldering fault in the instrument cluster, could be the reasons for this. In order to localise the fault, the procedure should be as follows.

To check the tank display in the instrument cluster, an actuator test should be carried out. Following this, connect a decade resistance unit with ohm values between 70 and 270 ohms in place of the tank sensor. If the actuators and the tank display are OK, the ohm values from the fuel pump and from the tank sensor (tank sensor values must be between 70 and 270 ohms) should be measured. If these do not match the reference values, the tank sensor should be replaced.