

54-256 Low fuel sensor

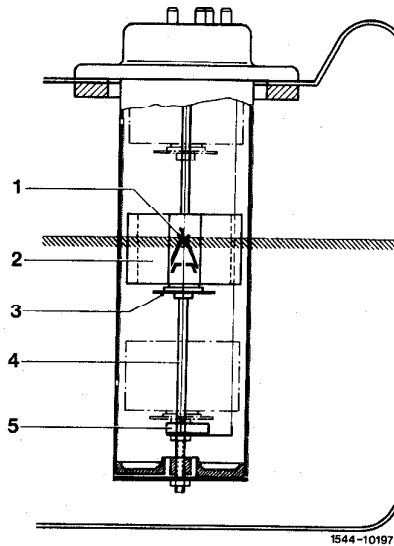
Electrical function

As the fuel level drops, the wiper contact (1) on the float (2) of the sensor increases the resistance value, the current drops and the indicating needle in the instrument recedes.

If the fuel level continues to fall, the reserve warning contact (5) in the sensor is closed, connecting the reserve warning lamp to ground.

Fuel gauge sensor

- 1 Wiper contact
- 2 Float
- 3 Contact plate
- 4 Guide and contact rod
- 5 Reserve warning contact



The circuit has been changed as of September 1982. The reserve warning lamp lights up with the ignition switched on (test function). As soon as the engine runs, the lamp goes out provided the tank contains more fuel than just the reserve.

Note: In testing function the reserve warning lamp lights up with less intensity, to indicate reserve with more intensity.

Sedan and coupe

- A1 Instrument cluster
- e4 Fuel reserve warning
- p2 Fuel gauge
- R4 Fuel gauge sensor
- W6 Ground, trunk, wheelhouse left
- X18 Connector, interior/tail lamp wiring harness (12-pole)
- a To fuse 6, terminal 15 looped via tachometer and electronic speedometer

