

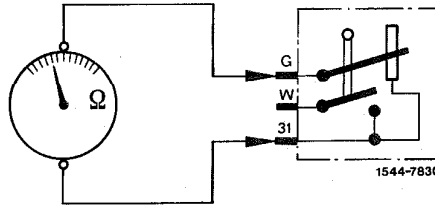
Test values fuel gauge sensor in ohms (removed)

Model	Resistance, full readout	Resistance, readout reserve
126.02/03/04	2.2 ± 0.7	81 ± 2.5
126.1	2.8 ± 0.8	81.2 ± 3

Testing fuel gauge sensor (removed)

Connect ohmmeter to terminal G and terminal 31 (L) and measure resistance.

- In installation position, (readout reserve, float below).
- Rotated by 180° , (readout full, float at top).



Testing reserve warning contact

Connect ohmmeter to terminal W and terminal 31 (L) and measure resistance.

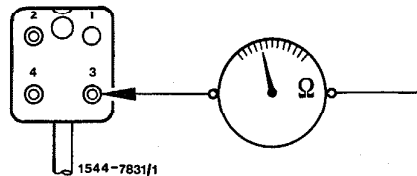
- Nominal value 0Ω in installation position.
- Nominal value $\infty \Omega$ turned by 180° .

Testing harness

1 Pull coupler from fuel gauge sensor and measure resistance on jack 3 and vehicle ground.

Nominal value 0Ω

(At test value $\infty \Omega$ the grounding line is interrupted).



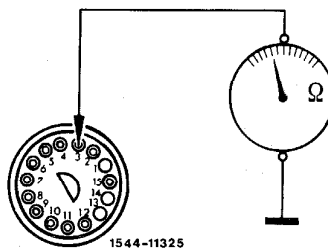
54-257 Testing fuel gauge

2 Measure resistance on terminal G and terminal 31 (⊥) on installed fuel gauge sensor. Value depends on amount of fuel in tank.

Plug coupler back on fuel gauge sensor.

3 Pull coupler from instrument cluster and measure resistance between jack 3 and ground.

Note: As of 08/85, measure jack 2 and ground.
Nominal value: the value measured under 2. If the value is attained, the harness is in order (slight deviation caused by length of line possible).



4 If the measured value is higher or at $\infty\Omega$, the harness couplers (on instrument cluster, on main harness/tail line harness or on fuel gauge sensor) are having poor contact, a dry joint or a line are interrupted.

5 If no fault is found during tests, exchange indicator.