

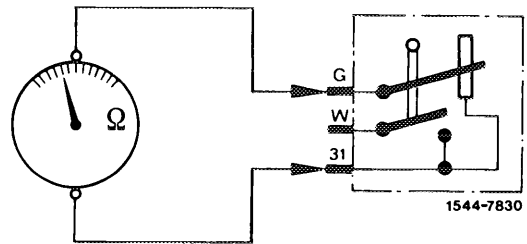
Test values immersion tube transmitter in ohms

Model	Resistance, readout full	Resistance, readout reserve
107.04	3.2 ± 0.7	69.1 ± 2.1
107.02	3.2 ± 0.8	69.3 ± 2.5

Testing immersion tube transmitter (removed)

Connect ohmmeter to terminal G and terminal 31 and measure resistance.

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



Testing reserve warning contact

Connect ohmmeter to terminal W and terminal 31 and measure resistance.

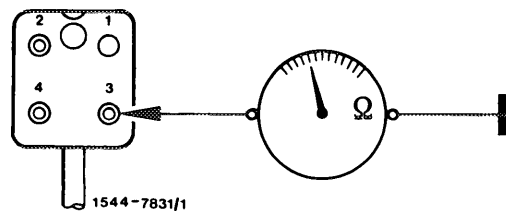
- a) Nominal value 0 ohm in installation position.
- b) Nominal value ∞ ohm turned by 180° .

Testing harness

1 Pull coupler from immersion tube transmitter and measure resistance on jack 3 and vehicle ground.

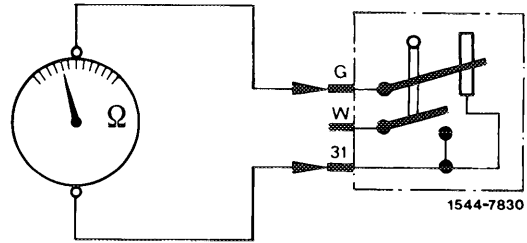
Nominal value 0 ohm

(At test value ∞ ohm the grounding line is interrupted).



2 Measure resistance on terminal G and terminal 31 on installed immersion tube transmitter. Value depends on amount of fuel in tank.

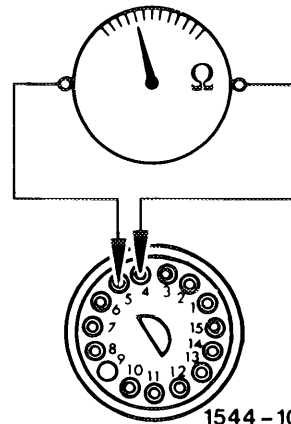
Plug coupler back on immersion tube transmitter.



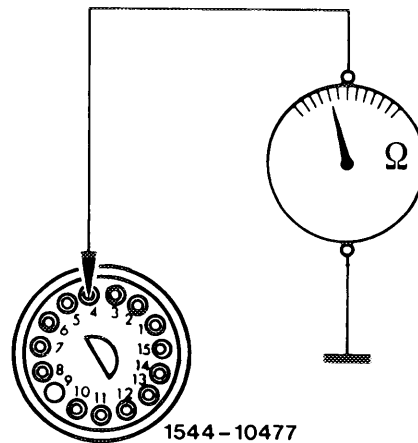
3 Pull coupler from instrument cluster and measure resistance between jack 4 and jack 5 on vehicles with mechanical tachometer.

On vehicles with electronic tachometer between jack 4 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).



Measuring instrument connection
Vehicles with mechanical tachometer



Measuring instrument connection
Vehicles with electronic tachometer

4 If the measured value is higher or at ∞ ohm, the harness couplers (on instrument cluster, on main harness/tail harness or on immersion tube transmitter) are having poor contact, a dry joint or a line is interrupted.

Indicating instrument

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