Diagnosis – Function Test

General Information

- There are 9 test modes available which are indicated via the odometer display. The test mode number is indicated by the left digit in the display and the test values are the digits on the right. A comma is indicated by a low dash.
  Example: Test mode 1 "Fuel tank display", appears as "1 80", which means test mode 1 and 80 liters.

- During test mode 2 "Momentary fuel consumption in liters per hour", the consumption values are indicated by a three or four digit display:
  Example: "2 3_4" corresponds to test mode 2 and 3.4 l/h or
  "2 12_0" corresponds to test mode 2 and 12.0 l/h.

- During test mode 6 "Resistance value of outside temperature gauge" the values are indicated by a three or four digit display:
  Example: "6 3_7" corresponds to test mode 6 and 3.7 kΩ.

Note:

- The test values that are indicated during diagnostics in the odometer display correspond to metric units of measure. A direct comparison between analog and digital displays is not possible. A comparison is only broadly possible.
  Examples:

Fuel tank reading:	Analog in gallons, Digital in liters,
Fuel consumption gauge:	Analog in miles per gallon, Digital in liters per hour.

Activation of Test Modes (displayed via odometer indicator window)

- Ignition: **ON**

- Depress center of clock adjusting knob "A" (23 or 24 Fig. 1) for at least 5 seconds and the display "_ _ _ _ _ _" will appear in the odometer display window.

- Within 5 seconds pull out clock adjusting knob "B" and turn clockwise (23 or 24 Fig. 1) to activate the first test mode. For each additional test mode, the clock adjusting knob "B" must be pulled out and turned again clockwise.

⚠ **CAUTION!**
When the ignition is turned **OFF**, the test mode routine is canceled.

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Notes:
Prerequisite for test modes 2 – 4 → Engine: **at Idle**
To perform all 9 test modes, it is advisable to start the engine before activating the test modes.

Diagnostic Test Mode Identification

Test mode no.	Function/component	Digital readout (example)	Corresponds to:
1	Fuel tank contents in liters (odometer display)	1 60	60 liters
2	Momentary fuel consumption in liters per hour	2 3_4 2 12_0	3.4 liters per hour 12 liters per hour
3	Engine oil pressure in bar	3 2_0	2.0 bar
4	Engine rpm	4 4100	4100 rpm
5	Engine oil level	5 0 5 1	0= Oil level OK 1= Oil level not OK
6	Activation of oil pressure, fuel consumption and fuel tank gauges as well as speedometer and tachometer Resistance value of outside temperature gauge	6 6 3_7	Needle in first quarter of gauge dial (23 or 24, Figures 2 and 3) 3.7 kΩ
7	Activation of oil pressure, fuel consumption and fuel tank gauges as well as speedometer and tachometer	7 3_7	Needle in second quarter of gauge dial (23 or 24, Figures 4 and 5)

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Diagnostic Test Mode Identification

Test mode no.	Function/component	Digital readout (example)	Corresponds to:
8	Activation of fuel consumption and fuel tank gauges as well as speedometer and tachometer	8 3_7	Needle in third quarter of gauge dial, the oil pressure gauge stays in second quarter of dial (23 or 24, Figures 6 and 7).
9	Activation of fuel tank gauge as well as speedometer and tachometer	9 3_7	Needle in fourth quarter of gauge dial, oil pressure gauge remains in second quarter, fuel consumption gauge remains in third quarter of gauge dial. (23 or 24, Figures 8 and 9)