

Explanation of symbols



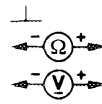
Multimeter



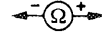
Jack



Plug






Ground



Multimeter measuring mode resistance



Multimeter measuring mode DC voltage

Impulse period display	Test step/ Scope of test	Measuring device/ Test connection	Actuation/ Requirement	Set value/ Function	Possible cause/Remedy
-	1.0 Oxygen sensor failure indicator (A1e10)	Visual inspection	Ignition: ON Engine: Start	Oxygen sensor failure indicator (A1e10) lights up briefly .	Indicator lamp defective. Oxygen sensor failure indicator (A1e10) without voltage. Open circuit Wiring (A1e10) → (N3) jack 15
-	2.0 Indicator lamp oxygen sensor failure indicator	Visual inspection	Ignition: ON Engine: Start	Oxygen sensor failure indicator (A1e10) lights up briefly .	Remove indicator lamp, check, renew if required.
-	3.0 Voltage supply oxygen sensor failure indicator (A1e10)	A1e10 Wiring gr/bl  	Ignition: ON Wiring pulled off	11–14 V	Open circuit Wiring (A1e10) → (K1/1) jack 2. Open circuit Wiring (K1/1) Jack 2 → (N3) Jack 1 (a).
-	3.1 Wiring	A1e10 rt/ge  K1/1 2	Ignition: OFF Wiring pulled off	< 1 Ω	Open circuit.

Impulse period display	Test step/ Scope of test	Measuring device/ Test connection	Actuation/ Requirement	Set value/ Function	Possible cause/Remedy
-	3.2 Wiring	K1/1 2 — $\leftarrow \text{---} \Omega \text{---} \rightarrow$ N3 1	Ignition: OFF Wiring pulled off	< 1 Ω	Open circuit.
-	4.0 Wiring	A1e10 gr/bl $\leftarrow \text{---} \Omega \text{---} \rightarrow$ N3 15	Ignition: OFF Wiring pulled off	< 1 Ω	Open circuit.

Special tool



Commercially available tester

Multimeter

e.g. Sun, DMM-5

Note

Failure of the oxygen sensor is indicated in the instrument cluster (A1) by a lit indicator lamp "oxygen sensor" (A1e10). The lamp is activated by the control unit CIS-E injection. The indicator lamp lights up briefly when the ignition is switched on.

