

Emission control system

Heated oxygen sensor (HO2S)

Checking signal - [Fig. 23](#)

Technical Data	
Terminals	Voltage
3 & 4	0,1-1 V (fluctuating)

- Ensure engine is at normal operating temperature.
- Ensure ignition switched OFF.
- Do not disconnect multi-plug. Access HO2S multi-plug terminals.
- Start engine.
- Run engine at 2000 rpm for 2 minutes.
- Increase engine speed sharply two or three times.
- Allow to idle.
- Check voltage between HO2S terminals [Fig. 23](#) [1].

Oxygen sensor heater

Checking supply voltage - [Fig. 23](#)

Technical Data	
Terminals	Voltage
1 & 2	Battery voltage

NOTE: Disconnect injector multi-plugs before cranking tests, to prevent engine from starting.

- Ensure ignition switched OFF.
- Disconnect HO2S multi-plug.
- Briefly crank engine.
- Check voltage between harness multi-plug terminals [Fig. 23](#) [2].

Checking resistance - [Fig. 23](#)

Technical Data	
Terminals	Resistance
1 & 2	20 Ω max.

- Ensure ignition switched OFF.
- Disconnect HO2S multi-plug.
- Check resistance between HO2S terminals [Fig. 23](#) [3].

Evaporative emission (EVAP) canister purge valve

Checking resistance - [Fig. 24](#)

Technical Data	
Resistance	25-50 Ω

- Ensure ignition switched OFF.
- Disconnect EVAP valve multi-plug.
- Check resistance between EVAP valve terminals [Fig. 24](#) [1].

Checking supply voltage - [Fig. 24](#)

Technical Data	
Terminals	Voltage
2 & earth	Battery voltage

- Ensure ignition switched OFF.
- Disconnect EVAP valve multi-plug.
- Briefly crank engine.
- Check voltage between harness multi-plug terminal and earth [Fig. 24](#) [2].

