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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.	

 Manufacturer: Peugeot
 Model: 306 (97-03) 2,0 S16/GTi-6
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 Output: 120 (167) 6500
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- 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

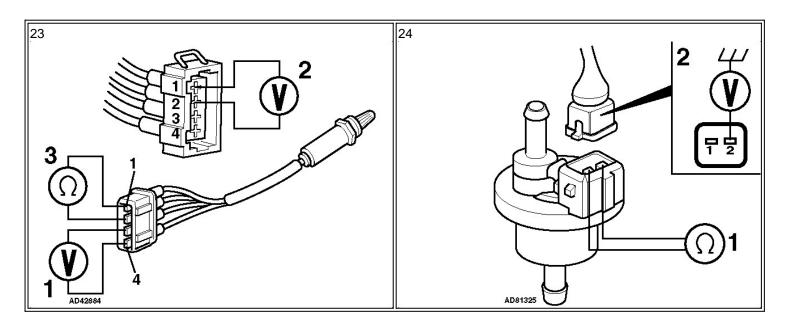
Technical Data	
Resistance	25-50 Ω

- 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].



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