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Control system

Relay module

Checking supply voltage - Fig. 25

Technical Data			
Terminals	Condition	Voltage	
2 & earth	Ignition OFF	Battery voltage	
8 & earth	Ignition OFF	Battery voltage	
11 & earth	Ignition OFF	Battery voltage	
15 & earth	Ignition OFF	Battery voltage	
14 & earth	Ignition ON	Battery voltage	

- Ensure ignition switched OFF.
- Disconnect relay module multi-plug.
- Check voltage between harness multi-plug terminals and earth.
- Switch ignition ON.
- Check voltage between harness multi-plug terminal and earth.
- If voltage not as specified: Check wiring.

Checking operation - fuel pump contacts - Fig. 26

Technical Data		
Terminals	Condition	
8 & 4	Battery voltage disconnected	ω
8 & 4	Battery voltage connected Zero	
8&5	Battery voltage disconnected	ω
8&5	Battery voltage connected	Zero
8&6	Battery voltage disconnected	ω
8&6	Battery voltage connected	Zero
8 & 13	Battery voltage disconnected	ω
8 & 13	Battery voltage connected Zero	
Battery + to terminal 14		
Battery - to terminal 7		

- Ensure ignition switched OFF.
- Disconnect relay module multi-plug.
- Remove relay module.
- Check resistance between relay module terminals.
- Connect battery voltage supply to specified relay module terminals.
- Check resistance between relay module terminals.

Checking operation - engine control contacts - Fig. 27

Technical Data		
Terminals	Condition	Resistance
11 & 1	Battery voltage disconnected	ω
11 & 1	Battery voltage connected Zero	
11 & 9	Battery voltage disconnected	ω
11 & 9	Battery voltage connected Zero	
Battery + to terminal 2		
Battery - to terminal 10		

- Ensure ignition switched OFF.
- Disconnect relay module multi-plug.
- Remove relay module.
- Check resistance between relay module terminals.
- Connect battery voltage supply to specified relay module terminals.
- Check resistance between relay module terminals.

Engine control module (ECM)

NOTE: Incorporates ignition amplifier.

NOTE: Due to small size of ECM harness multi-plug pins it is advisable to use a breakout box.

Checking supply voltage - Fig. 28

Technical Data			
Terminals	Condition	Voltage	
52 & earth	Ignition OFF	Battery voltage	
13 & earth	Ignition ON	Battery voltage	
35 & earth	Engine running	Battery voltage	

NOTE: Relay module must be fitted and working correctly in order to carry out supply voltage checks.

- Ensure ignition switched OFF.
- Disconnect ECM multi-plug.
- Connect breakout box between ECM and harness multi-plug.
- Check voltage between breakout box terminal and earth.
- Switch ignition ON.
- Check voltage between breakout box terminal and earth.
- Start engine.
- Allow to idle.
- Check voltage between breakout box terminal and earth.

Manufacturer: Peugeot	Model: 306 (97-03) 2,0 S16/GTi-6	© Autodata Limited 2007
Engine code: XU10J4RS/L3 (RFS)	Output: 120 (167) 6500	30/11/2015
Tuned for: R-Cat	Year: 1997-01	V6.410-ENGQ656277 /Autodata

Technical Data		
Terminals	Resistance	
17 & earth5/97	Zero	
36 & earth - 6/97-	Zero	
54 & earth - 6/97-	Zero	

- Ensure ignition switched OFF.
- Disconnect ECM multi-plug.
- Connect breakout box to ECM harness multi-plug.
- Check resistance between breakout box terminals and earth.
- If resistance not as specified: Check wiring.



Model: 306 (97-03) 2,0 S16/GTi-6 Output: 120 (167) 6500 Year: 1997-01