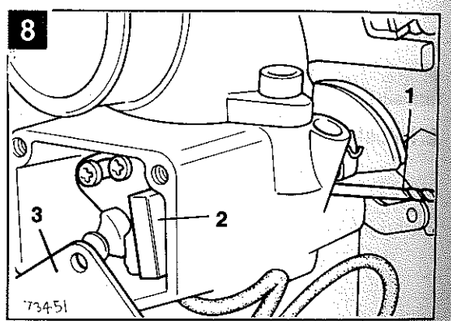
- Meter should indicate zero (continuity).
- Turn operating lever in direction of arrow 7 [4].
- Ohmmeter should indicate infinity just before lever contacts stop 7 [5].
- Ensure a gap of 0,5-0,7 mm 7 [3] exists between operating lever and stop.
- If necessary, adjust position of plate 7 [1] until specified gap obtained.

*NOTE: In idle position, operating lever must touch idle switch plate 7 [1].*

**Adjusting full throttle switch - 6 & 8**

- Disconnect multi-plug from throttle body.
- Connect ohmmeter between switch terminals 2 & 3 6.
- Meter should indicate infinity.
- Position 4,5 mm drill between throttle lever and full throttle stop 8 [1].
- Meter should still indicate infinity.
- Repeat with 3,5 mm drill.
- Meter should indicate zero ohms (continuity).
- If adjustment necessary, remove throttle body cover plate 8 [3].
- Clamp 3,5 mm drill between throttle lever and full throttle stop 8 [1].
- Slacken full throttle switch screws and adjust switch 8 [2] until correct position obtained.
- Tighten switch screws and replace throttle body cover plate.

8




## 2.3 Coolant temperature sensor

*Self-diagnosis code: 2312*

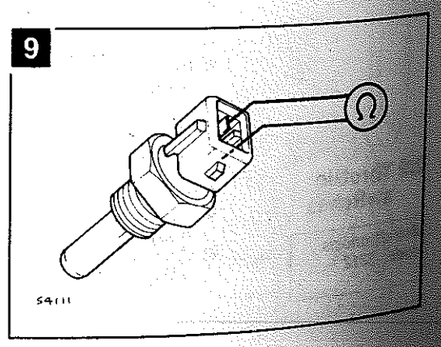
**Technical Data**

| Temperature - °C | Resistance - ohms |
|---|---|
| 0 | 3750 |
| 20 | 2500 |
| 40 | 1250 |
| 60 | 600 |
| 80 | 325 |
| 100 | 200 |

**Checking - 9**

- Disconnect temperature sensor multi-plug.
- Check coolant temperature .
- Connect ohmmeter across sensor terminals.
- Compare resistance indicated with that specified.

9








## 2.4 Intake air temperature sensor

*Self-diagnosis code: 2322*

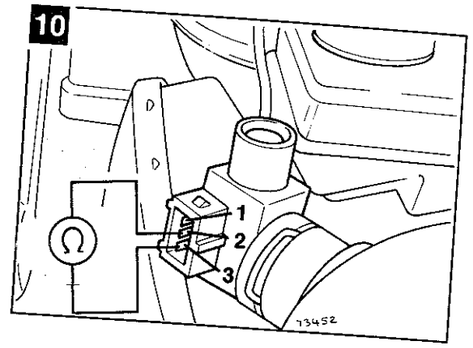
**Technical Data**

| Temperature - °C | Resistance - ohms |
|---|---|
| 0 | 3750 |
| 20 | 2500 |
| 40 | 1250 |
| 60 | 600 |
| 80 | 325 |

**Checking - 10**

- Disconnect CO potentiometer multi-plug.
- Connect ohmmeter between terminals 2 & 3 of potentiometer.
- Check ambient temperature with thermometer.
- Compare resistance indicated with that specified.

10




## 2.5 Auxiliary air valve

**Preparatory conditions**

- ☐ *Engine coolant temperature less than 30°C.*
- ☐ *Idle speed as specified.*
- ☐ *No air leaks in air intake system.*

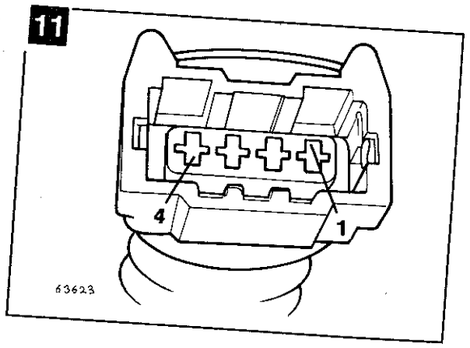
**Checking operation**

- Start engine and allow to idle.
- Disconnect throttle switch multi-plug from throttle body.
- Pinch hose between air valve and air intake elbow.
- Engine speed should decrease.
- Run engine until it reaches normal operating temperature (at least 80° C).
- Pinch hose between air valve and air intake elbow.
- Engine speed should not change.

**Checking voltage supply - 11**

- Disconnect coil HT lead (at distributor), and earth it.
- Disconnect air valve multi-plug.
- Connect voltmeter across terminals 3 and 4 of harness multi-plug 11.
- Crank engine with starter.
- Minimum 9 volts should be indicated.
- Connect ohmmeter across contacts 3 and 4 of air valve.
- Meter should indicate zero (continuity).
- Reconnect HT lead.

11




## 2.6 Injector valves

**Technical Data**

| | |
|---|---|
| Resistance between connector terminals 1 & 2 | 3,7-5,0 ohms |
| Resistance between injector valve terminals | 15-20 ohms |

**Checking resistance - 12 & 13**

- Disconnect multi-plug connector from injector rail.
- Connect LED tester across multi-plug harness side terminals 1 and 2 12 [A].
- Crank engine with starter.
- LED tester should flicker.
- Connect ohmmeter across injector

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