

Technical Bulletin

Model
911 C2/4
911 turbo

Group
8

Subject: Climate Control Troubleshooting

Part Identifier
8702

Number
9105

Troubleshooting:

Code | **Fault area**

Repair steps

12, 13 **Left and right mixing chamber temperature sensor; not present**

Erase fault memory. Switch on controls for at least 35 seconds. Read out fault memory. If fault still present, replace affected sensor. Try to locate possible loose contact by moving wiring and sensors.

14 **Evaporator temperature sensor**

Same as for fault codes 12, 13.

15, 21 **Rear fan temperature sensor and oil cooler temperature sensor**

Same as for fault codes 12, 13. Wiring harness connectors must also be checked when locating possible loose contacts. Refer to wiring diagram for locations of harness connectors.

22, 23, 24, 31, 32 **All drive links; present**

Visually inspect drive motors and wiring connectors. Connect wiring plug to another drive motor (drive motor on heater system or spare motor) to determine if motor is defective. If motor is not defective, try a different control unit (see note on page 1) to localize fault area. Replace defective part. Erase fault memory. Select drive link menu and operate drive motor several times. Read out fault memory again.

22, 23, 24, 31, 32 **All drive links; not present**

Check wiring connectors on drive motors for corrosion and tight installation. Erase fault memory. Select drive link menu and operate drive motor several times. Read out fault memory again. If the same fault is displayed, replace drive motor.

Code | **Fault area**

Repair steps

Important: Before activating fresh air flap motor, set controls to max. cold and A/C switch off (not pushed).

33, 34 **Heater fan motor left and right**

Fault indicates excessive temperatures, defective final stage or wiring plug. If fans are not operating, check wiring plug. If necessary, replace final stage. If fans are operating, erase fault memory and operate fans in switch position "1" for approx. 5 min. Read out fault memory again. If same fault is stored, replace final stage.

41 **Condenser fan seized; present**

Fault indicates voltage at fan motor is less than 22% battery voltage. Check fuse No. 39 (30A). If fuse is defective, check fan for free movement. Replace fan if binding. If fuse is OK, check condenser fan resistor and wiring for breaks.

41 **Condenser fan seized; not present**

Fault indicates previous, temporary fan binding or seizure from outside influences. Erase fault memory.

42 **Oil cooler fan seized; present (fan not operating)**

Fault indicates voltage at fan motor is less than 30% battery voltage. Check fuse No. 2 (30A). If fuse is defective, check fan for free movement. Replace fan if binding. If fuse is OK, check oil cooler fan resistor and wiring for breaks.

42 **Oil cooler fan seized; not present**

Same as 41.

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