

Fault	Component Description	Explanation of Malfunction
1	Temperature Selector Wheel - Right	Check the connection of the black component plug PIN 6 to the right temperature selector wheel. Also check that there is at least approx. 5 volt voltage on the selector wheel. If you can't find any fault, the component should be replaced.
4	Heater Sensor - Right	Check the connection of the white component plug PIN 2 to the Right Heater Sensor. Measure the voltage at the unplugged heater sensor. Minimum 5 volts. If ok, replace the sensor.
7	Vaporizer Sensor	Check the connection of the white component plug PIN 5 to the Vaporizer Sensor. Measure the voltage at the unplugged Vaporizer Sensor. Minimum 5 volts. If ok, replace the sensor.
10	Outside Sensor	Check the connection of the white component plug PIN 4 to to the Outside Sensor. Measure the voltage at the unplugged sensor. Minimum 5 volts. If ok, replace the sensor.
13	Inside Sensor	Check the connection of the black component plug PIN 3 to the Inside Sensor. Measure the voltage at the unplugged sensor. Minimum 5 volts. If ok, replace the sensor.
16	Inside Sensor Blower	Check the connection of the blue component plug PIN 18 to the inside sensor blower. If the connection is ok, the component should be replaced.
25	Temperature Selector Wheel - Left	Check the connection of the black component plug PIN 5 to the temperature selector wheel. Measure the voltage at the selector wheels. Approx. 5 volts. If ok, replace the sensor.
28	Heater Sensor - Left	Check the connection of the white component plug PIN 3 to the heater sensor. Measure the voltage at the unplugged sensor. Minimum 5 volts. If ok, replace the sensor.
31	Air quantity selector wheel	Check the connection of the black component plug PIN 4 to the air quantity selector wheel. Measure the voltage at the selector wheels. Approx. 5 volts. If ok, replace the sensor.
34	Layering Selector Wheel	Check the connection of the white component plug PIN 6 to the layering selector wheel. Measure the voltage at the selector wheels. Approx. 5 volts. If ok, replace the sensor.
38	Additional Water Pump Relay	Check the connection of the blue component plug PIN 19 to the additional water pump relay. If the connection is operative, the relay should be replaced.

40	Water Valve - Left	Check the connection of the black component plug PIN 22 to the water valve. If the connection is operative, the water valve should be replaced.
44	Climate Relay/Additional Blower Relay	Check the connection of the blue component plug PIN 22 to the climate relay. If the connection is operative, the climate relay/additional blower relay should be replaced.
46	Water Valve - Right	Check the connection of the black component plug PIN 15 to the water valve. If the connection is operative, the water valve should be replaced.
47	Decoupling Relay Air Conditioning	Check the connection of the black component plug PIN 9 to the Motronic relay. If the connection is operative, the relay should be replaced. NOTE: Also check the blower relay.
48	Rear Window Heater Relay	Check the connection of the blue component plug PIN 20 to the rear window heater relay. If the connection is operative, the relay should be replaced.
52	Fresh Air Flap Motor	Check the connection of the blue component plug PIN 10, 11, 12 and 13 to the fresh air flap motor. Check the voltage at the motor (approx. 12 volt). If the voltage and the cable connection are operative, the Fresh Air Flap Motor should be replaced.
55	Air Flow Flap Motor	Check the connection of the blue component plug PIN 6, 7, 8 and 9 to the air flow flap motor. Check the voltage at the motor (approx. 12 volt). If the voltage and the cable connection are operative, the Air Flow Flap Motor should be replaced.
56	Automatic Air Flow Control	Check the connection of the black component plug PIN 8 to the AUC-component. It is also possible that the automatic air flow control component is defective!
61	Layering Flap Motor	Check the connection of the black component plug PIN 23, 24, 25 and 26 to the right layering flap motor. Check the voltage at the motor (approx. 12 volt). If the voltage and the cable connection are operative, the Layering Flap Motor should be replaced.
92	Connection fault on connector 50	Check the connection of the black component plug PIN 26 for a break or short.
94	Standing heater / Standing ventilation	Check the connection of the white component plug PIN 7 and 10 for a break or short.