

IHKR E36 Fault	Component	Diagnostic Description
1	Temperature Selector Wheel - Right	Check the connection of the black component plug PIN 21 to the right temperature selector wheel. Also check that there is at least approx. 5 volt voltage on the temperature 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 25 to the right heater sensor. Please measure the unplugged temperature sensor, which should be at least a voltage of 5 volt. If necessary, replace the heater sensor.
7	Vaporizer Sensor	Check the connection of the white component plug PIN 22 to the vaporizer sensor. On the disconnected temperature sensor the voltage should be at least approx. 5 volt. If the connection is operative, the component should be replaced.
10	Outside Sensor	Check the connection of the white component plug PIN 23 to the outside sensor. On the disconnected temperature sensor the voltage should be at least approx. 5 volt. If the connection is operative, the component should be replaced.
13	Inside Sensor	Check the connection of the black component plug PIN 21 to the inside sensor. On the disconnected temperature sensor the voltage should be at least approx. 5 volt. If the connection is operative, the component should be replaced.
16	Inside Sensor Blower	Check the connection of the blue component plug PIN 18 to the inside sensor. If the connection is operative, the component should be replaced.
25	Temperature Selector Wheel - Left	Check the connection of the black component plug PIN 22 to the left temperature selector wheel. Also check that there is a voltage of at least 5 Volt. If the connection is operative, the component should be replaced.
28	Heater Sensor - Left	Check the connection of the white component plug PIN 24 to the heater sensor. Please measure the unplugged temperature sensor which should have at least a voltage of approx. 5 volt. If the connection is operative, the component should be replaced.
31	Air Quantity Selector Wheel	Check the connection of the black component plug PIN 23 to the air quantity selector wheel. There should be a voltage of approx. 5 volt on the selector wheel. If the connection is operative, the component should be replaced.
34	Layering Selector Wheel	Check the connection of the white component plug PIN 21 to the layering selector wheel. There should be a voltage of approx. 5 volt on the layering selector wheel. If the connection is operative, the component should be replaced.
40	Water Valve - Left	Check the connection of the black component plug PIN 5 to the water valve. If the connection is operative, the component 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 additional blower relay should be replaced.
46	Water Valve - Right	Check the connection of the black component plug PIN 12 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 18 to the Motronic relay. If the connection is operative, the relay should be replaced. NOTE: Check the additional blower relay first.
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. Also check that there is a voltage of 12 volt on the motor. If the voltage and the 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. Also check for a voltage of approx. 12 volt at the motor. If the voltage and the connections are operative, the air flow flap motor should be replaced.
61	Layering Flap Motor - Right	Check the connection of the blue component plug PIN 23, 24,25 and 26 to the right layering flap motor. Also check that there is a voltage of approx 12 volt at the motor. If the voltage and the connections are operative, the layering flap motor should be replaced.
92	Connection Fault on Connector 50	Check the connection of the black component plug PIN 1 for short cut or disconnection!
94	Standing Heater / Standing Ventilation	Check the connection of the white component plug PIN 17 and 20 for short cut or disconnection!