

Fault code and solution for Caravan water heater

Fault Code	Fault Name	Fault Debug
10	high voltage fault	Check the vehicle power supply system
11	low voltage fault	Check the vehicle power supply system
23	water temperature sensor open circuit	Check whether the sensor is intact
	water temperature sensor short circuit	
24	external temperature sensor open circuit	Check whether the sensor is intact
	external temperature sensor short circuit	
25	external temperature sensor open circuit	Check whether the sensor is intact
	external temperature sensor short circuit	
26	external temperature sensor open circuit	Check whether the sensor is intact
	external temperature sensor short circuit	
31	ignition failure	Check the fuel supply system
		Check whether the combustion supporting intake and exhaust ports
		Check the glow plug and flame sensor
32	combustion failure	Check the fuel supply system
		Check whether the combustion supporting intake and exhaust ports
		Check the glow plug and flame sensor
34	open circuit of flame sensor	Check the flame sensor
		Check the flame sensor lead
		Check the flame sensor
35	short circuit of flame sensor	Check the flame sensor
43	the water temperature is too high	Check whether the water tank is short of coolant
		Check whether the water temperature sensor is intact
44	water temperature overheat switch protection	Check the water temperature overheat switch
45	continuous overheating fault	Check the water temperature sensor
51	communication failure	Check the connecting cable
61	open circuit of oil pump	Check whether the oil pump lead is damaged
		Check whether the oil pump leads are connected reliably
		repair oil pump
		replace the main board
62	oil pump short circuit	Check whether the oil pump lead is damaged
		Check whether the oil pump leads are connected reliably
		repair oil pump
		replace the main board
63	glow plug open circuit	Check the power supply voltage
		Clean the carbon deposits on the glow plug
65	glow plug (no drive)	Replace the motherboard

67	Water pump open circuit	Check the w ater pump circuit Replace the water pump
68	dry burn alarm	Check w hether the w ater tank is short of coolant Check w hether the w ater temperature sensor is intact
81	open circuit of combustion supporting fan	Check combustion supporting fan
82	combustion supporting fan failed to start	Check the motor lead connection Check combustion supporting fan
83	the speed of combustion supporting fan is too low	Check combustion supporting fan
120	low voltage alarm	Charging is recommended
168	watchdog reset	Ignore
169	abnormal pow er failure	Ignore
220	220 / 110V (no connection)	Check AC 220 / 110V pow er supply system
224	No start signal	Replace the motherboard
238	unknow n failure	Ignore

