



Service information

Reference no.: SDA_96327

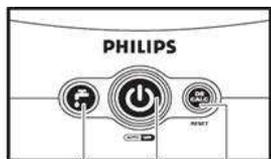
Symptom

GC92xx and GC95xx Blinking indicator lights

Cure

Symptom : Indicator lights blinking

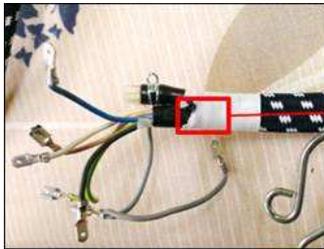
Upon power up, all indicator lights ('Water tank empty' light, On/Off button and DE-CALC reset button) start to scroll from Left to Right.



- F** 'Water tank empty' light
- G** On/off button with Auto-shut-off
- H** DE-CALC reset button with light

Possible root causes of failure

1. Iron - Hose cord inner wire (white) open circuit due to mechanical stress during flexing of the hose cord at the swivel area.



2. Iron thermistor short circuiting/open circuit.

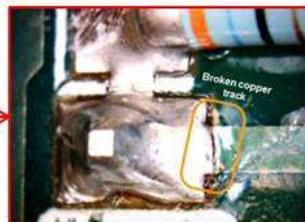
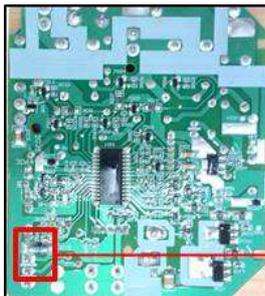


Thermistor short circuit



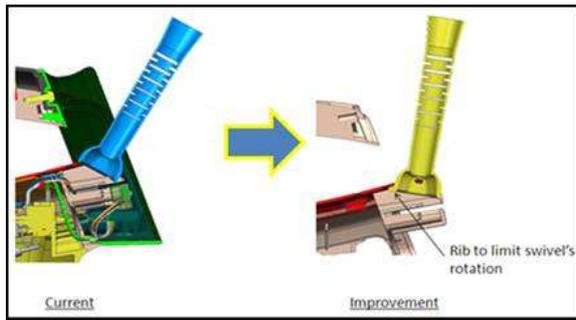
Thermistor open circuit

3. Power Board PCB Assy - -> Copper track broken



Symptom cure

1. Replace hose cord mounted assy (Refer to service manual for specific type number) for hose cord wire open circuit failure.
Note: New swivel design with smaller flexing angle will be implemented from wk1301 onwards.



2. Replace thermistor (Service code: 4239 021 61471) for thermistor short circuit/open circuit failure.

3. Replace Power Board PCB Assy for copper track broken (Refer to repair option table below).

Repair option table for PerfectCare Expert GC92xx

Return set PerfectCare Expert GC92xx	Repair Options	Service Code to order
If Power Board PCB Assy is 7 pins connector version	<u>Option 1 *</u> Replace Power Board PCB Assy	Pos 60: 423902175591 Power Board PCB Assy (7-pin connector)
	<u>Option 2</u> Replace Power Board PCB Assy and Button Panel Assy	Pos 60: 423902177331 Power Board PCB Assy (8-pin connector) Pos 51: 423902170311 Button Panel Assy (8-pin connector)
If Power Board PCB Assy is 8 pins connector version	<u>Option 3</u> Replace Power Board PCB Assy	Pos 60: 423902177331 Power Board PCB Assy (8-pin connector)

* If Repair Option 1 Power Board PCB Assy (423902175591) is not available, please use Repair Option 2.

For ASC ordering spare parts: - PerfectCare Expert : GC92xx – 4239 021 77331 (Pos 60)
- PerfectCare Silence : GC95xx – 4239 021 68572 (Pos 60)

Revision history

6Feb2013: Add new root cause of failure due to PCBA and corresponding symptom cure.