Lave vaisselle 872195 – ELVC 521 B

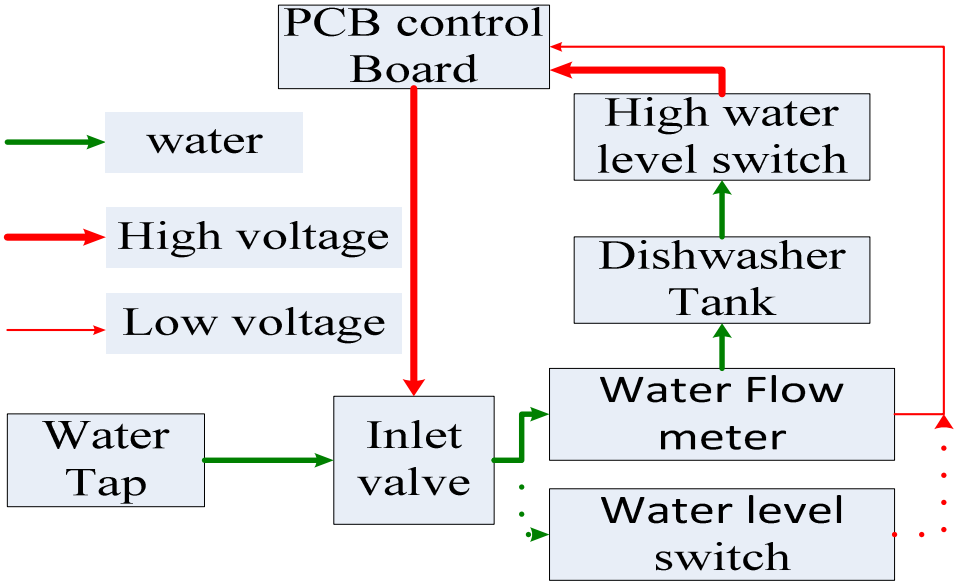
- Codes Erreur

Error Code

Error Code	Meaning	Remark
E1	Longer inlet water time or abnormal inlet water	
E3	Longer heating time	
E4	overflow	
E6	Failure of temperature sensor	
E7	Failure of temperature sensor	

E1 Alarm

E1 condition: If the water valve is continue working 4 minutes, the dishwasher will start E1 alarm.



E1 Alarm

Analysis 1: Make sure that the water tap works normally

The tap does not open, which stop the water inlet, it is easy to judge and correct the water tap is normal or not

E1 Alarm

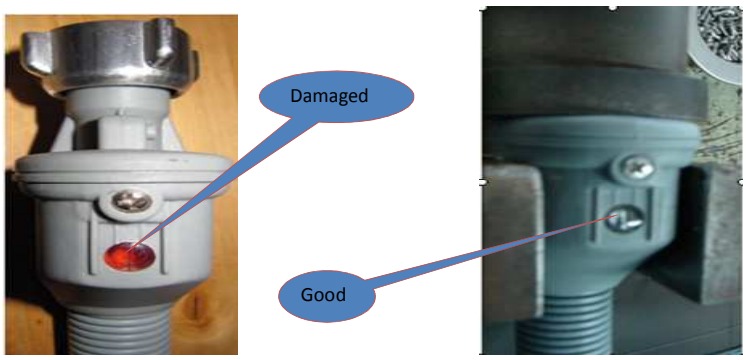
Analysis 2: low water pressure

Water pressure is very low (< 0.04Mpa),which will cause the water speed is slow and volume is very low. In 4 minutes, the required water value can not reach.

it is easy to judge by eyes or hands when the water tap open.

E1 Alarm

Analysis 3: the water inlet hose only with AQUASTOP device



In this case, the water from tap can not flow into the machine through this device.

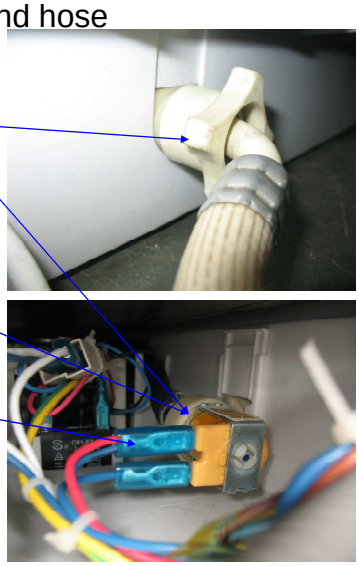
E1 Alarm

Analysis 4: check the water valve and hose

Step 1: check water hose and water valve, make sure that both connect well. and the hose is not broken

Step 2: Water valve broken or not

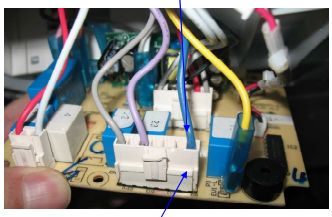
Step 3: check terminal of valve connect well



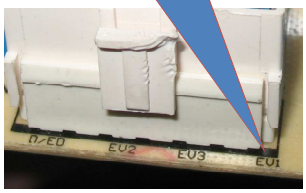
E1 Alarm

Analysis 5: check the PCB terminal and wires

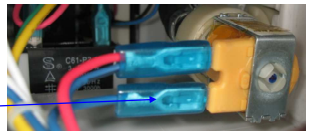
Step 1: check PCB terminal connect tightly



Marked with "EV1"



Step 2: Check wires between the PCB terminal and inlet water valve terminal

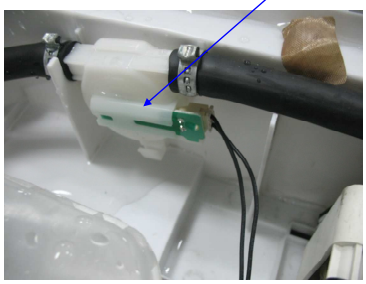


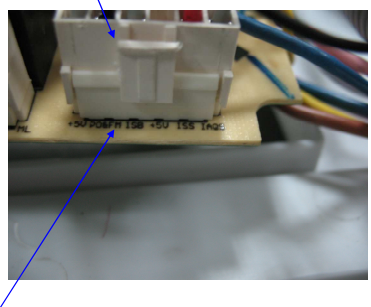
E1 Alarm

Analysis 6:

There is no water flow into the dishwasher

Step 1: Confirm the terminal of Flow meter and PCB are tightly connected





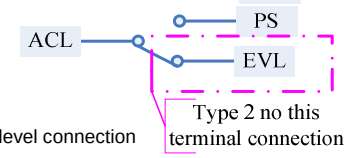
In PCB, This terminal is marked with "FM"

E1 Alarm

Analysis 7: Protect switch

In this case, it means that there are too much water in the machine over high water level.

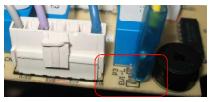
In this case, it is normal



There are two kinds of high water level connection

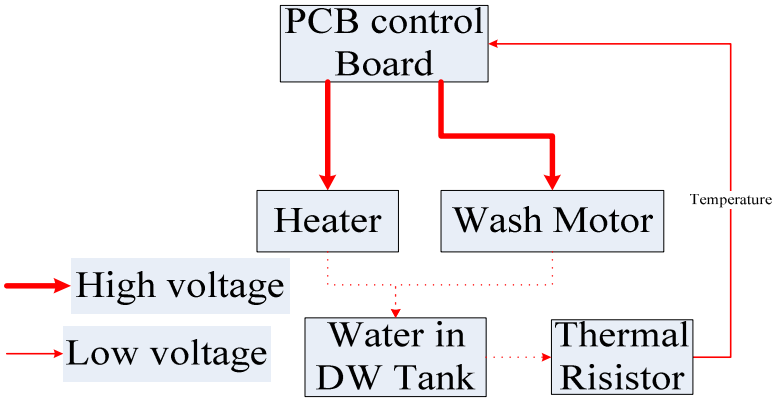
Type One is that the input voltage of inlet valve from one terminal of this switch, where there is one mark “EV1_L” on the PCB.

Type two is that the input voltage of inlet valve from PCB where there is no mark “EV1_L”



E3 Alarm

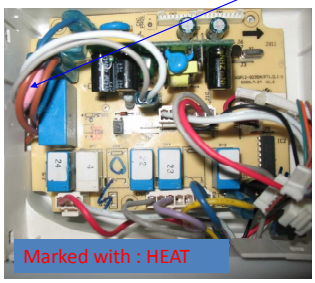
Theory: If the heating element has been continue working for 60 minutes but doesn’t reached required temperature, the dishwasher will start E3 alarm.

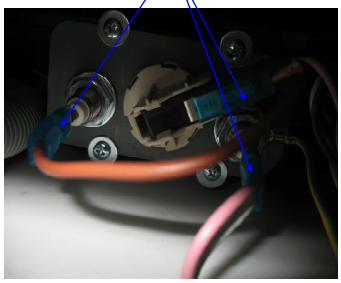


E3 Alarm

Analyse1: Temperature in dishwasher is lower

Step 1: confirm the terminal of PCB and heating element are tightly connected.



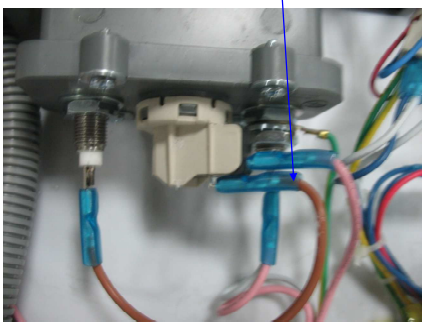


E3 Alarm

Analyse1:

Temperature in dishwasher is lower

Check1.4: confirm the terminal of pressure switch and PCB are tightly connected



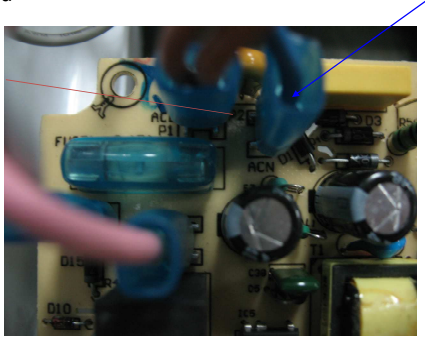
E3 Alarm

Analyse1:

Temperature in dishwasher is lower

Check1.4: confirm the terminal of pressure switch and PCB are tightly connected

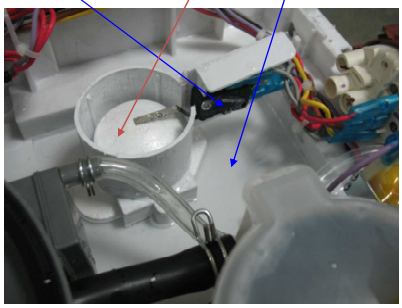
marked with "P2"



E4 Alarm

E4 condition:

There is a floater device at the bottom tray, If there is any water in the tray, The foam floater will come up to make the micro-switch working, to stop running and show E4 alarm.

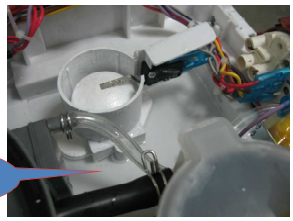


E4 Alarm

Analysis 1:

Step 1:There is any water in the bottom tray

In this case, you must find out where is leaking?



Step 2: some connect pipe leaking

- If any water appears, you will found out which areas, such as motor, drain pump, sump, softener, and hoses between them, and also clips at the end of each hose, besides the weld seam at the bottom of the tub.
- If hours passed, but no water comes out, you should stop the dishwasher with sufficient water in the inner tub, and observe it again after leaving it alone for one to two hours.

E4 Alarm

Analysis 2:

If There is some water in the bottom tray

Impossible reason: used bad washing liquid

Some water or bubble may get out of the tank

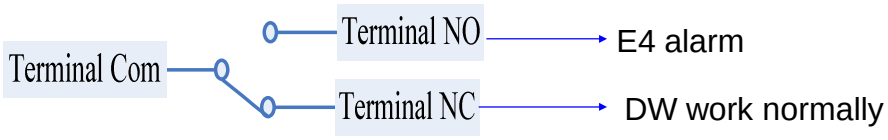
E4 Alarm

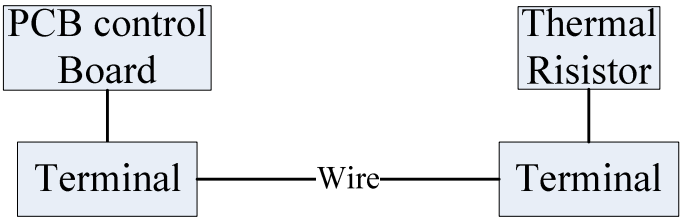
Analysis 3: Drain hose is blocked or kinked

The water can not drain out, and more and more water will be in the tank ,some will overflow

E4 Alarm

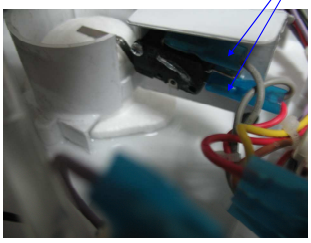
Analysis 4: the overflow switch circuit is open

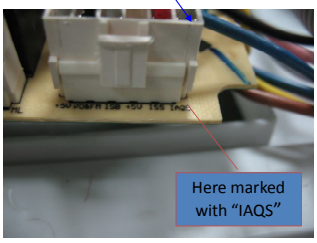




E4 Alarm

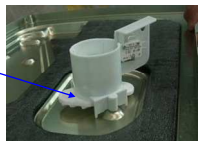
Step 1: Confirm terminal of micro-switch and PCB are tightly connected





Step 2: Confirm the wires between the terminals

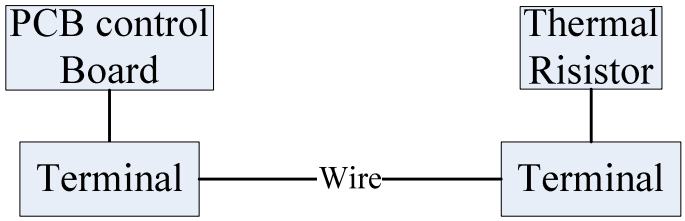
Step 3 : float of over flow switch is blocked



E6&E7 Alarm

E6 condition: the thermal resistor circuit is open

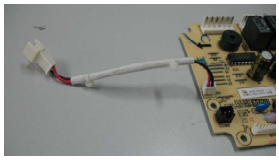
E7 condition: the thermal resistor circuit is short



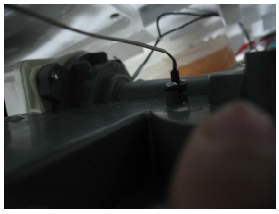
E6&E7 Alarm

Analysis 1: check the terminal of PCB and thermal resistor

Step 1: the PCB terminal are tightly connected



Step 2: the thermal resistor are tightly connected



E6&E7 Alarm

Analysis 2: check wires between the terminal

Analysis 3: check the thermal resistor and PCB

you can measure the resistance of NTC that must meet the spec(6KΩ-20KΩ). short circuit of NTC show that NTC has some malfunction. Replace the NTC to resolve this problem. If it is no problem, then Replace the PCB.

Summary of analysis

The routine of resolution Error code

Step 1:chek the connector of main part which may cause the error alarm, the connection should be well and tight and right. this cost is low

Step 2:chek the wires connect between two parts, this cost is low too.

Step 3:chek the parts which should work

The cost of replacing the part which are failed is high