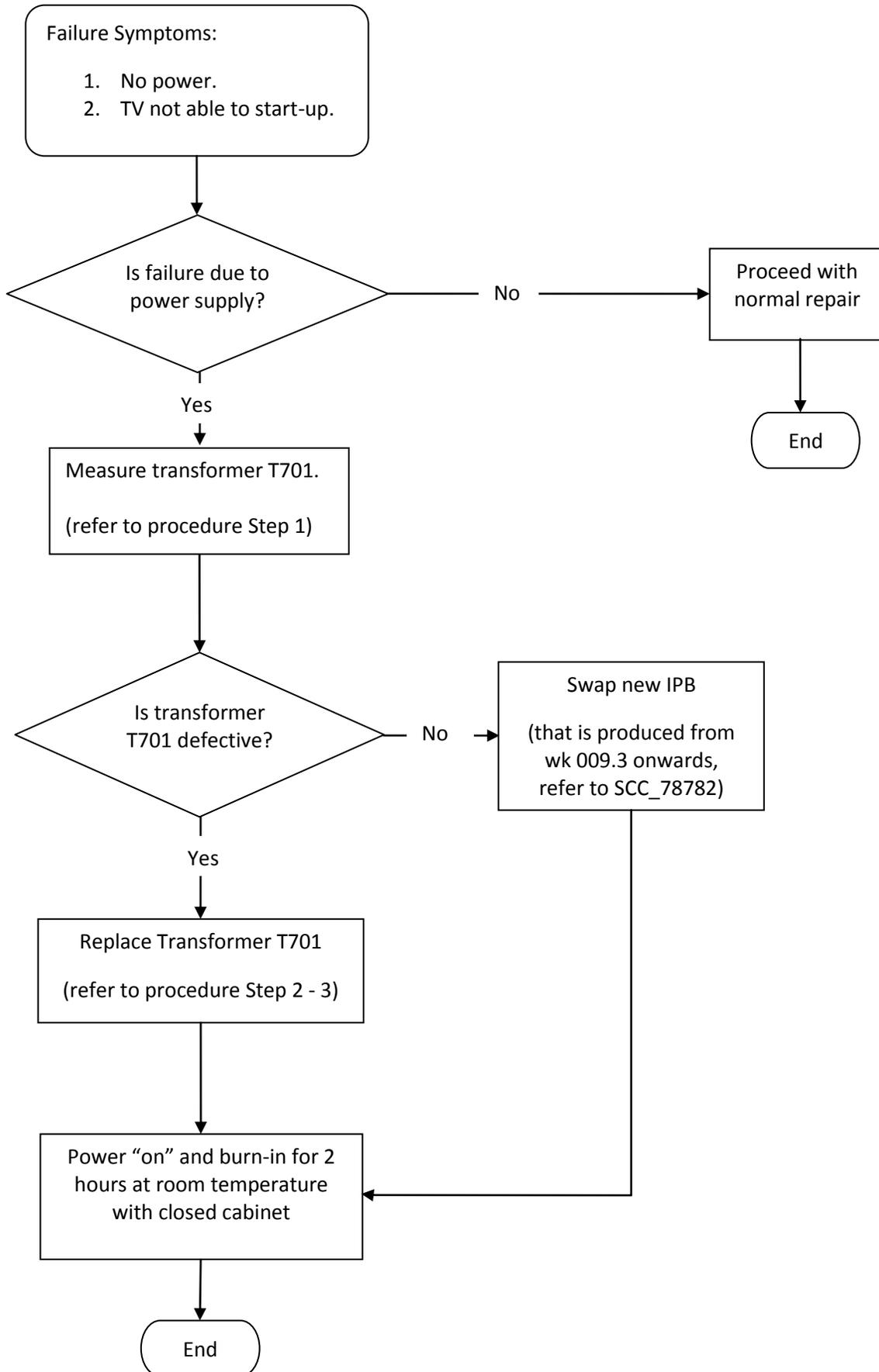


Repair Instruction for No power/TV not able to start-up symptoms



## **Repair instruction for Power Supply**

Affected sets:

<b>CTN</b>	<b>Chassis</b>
32PFL5604H/12_2 32PFL5604H/12_4 32PFL5624H/12_2 32PFL5624H/12_4	Q543.3E LA

Only applicable to these power supply modules:

<b>IPB Model No</b>	<b>IPB 12NC</b>
32 PLHL-T807A-MPR0.2	272217190104

Components location and order code

<b>Location</b>	<b>Component Description</b>	<b>Supplier Part No</b>	<b>Philips 12NC</b>
T701	TRANSFORMER T808A	2130KP0352A-F	996510045987

**Component checking and repair procedure:**

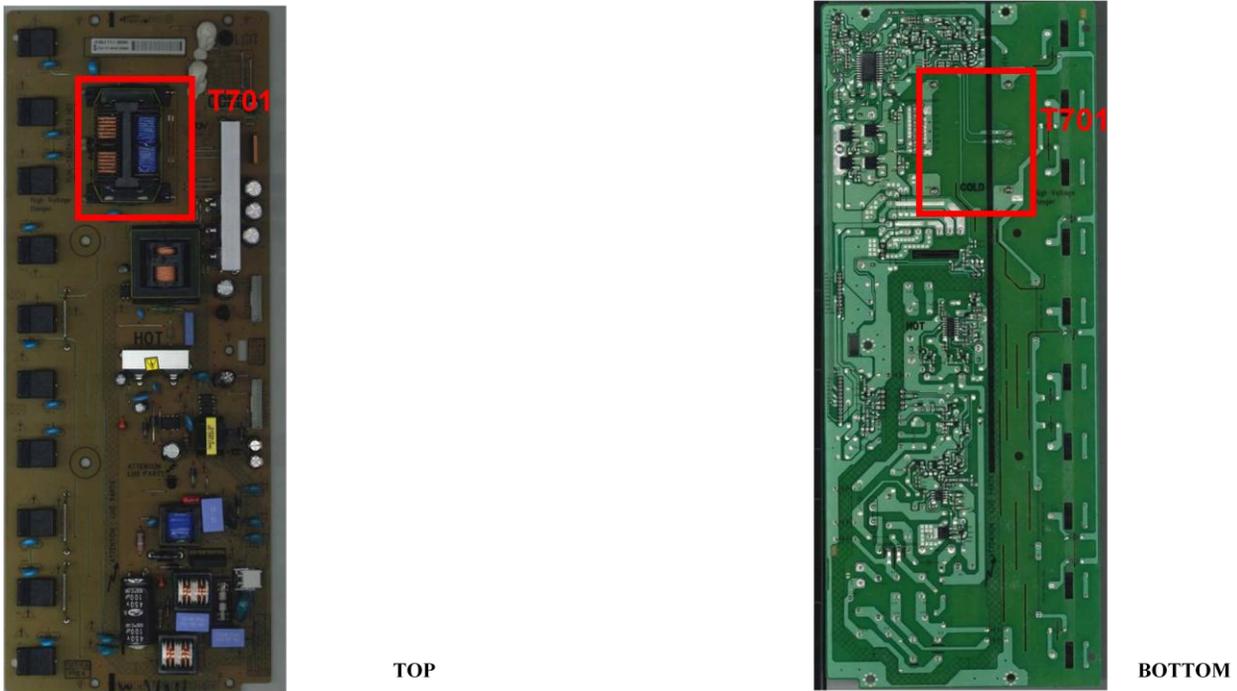


Fig.1 Location of Transformer T701

**STEPS:**

1. **Measure transformer T701 to confirm if it is defective.**

Equipment: HIOKI 3522-50 LCR HiTESTER (or equivalent)

Setting:

- Frequency: DC, 10kHz

- Voltage: 1V

- a. Measure the resistance (R) between pin 4 and 5 of T701 (Fig.2). If measured R is > 1 kohm = Not OK.

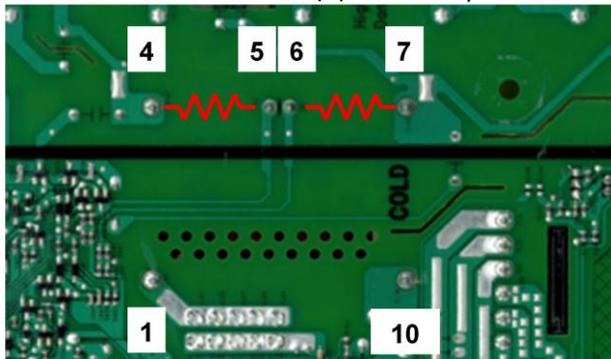


Fig.2 Pins Location

- b. Measure the resistance (R) between pin 6 and 7 of T701 (Fig.2). If measured R is > 1 kohm = Not OK.

2. Replace transformer T701. Refer to Fig. 3 for the replacement flow.

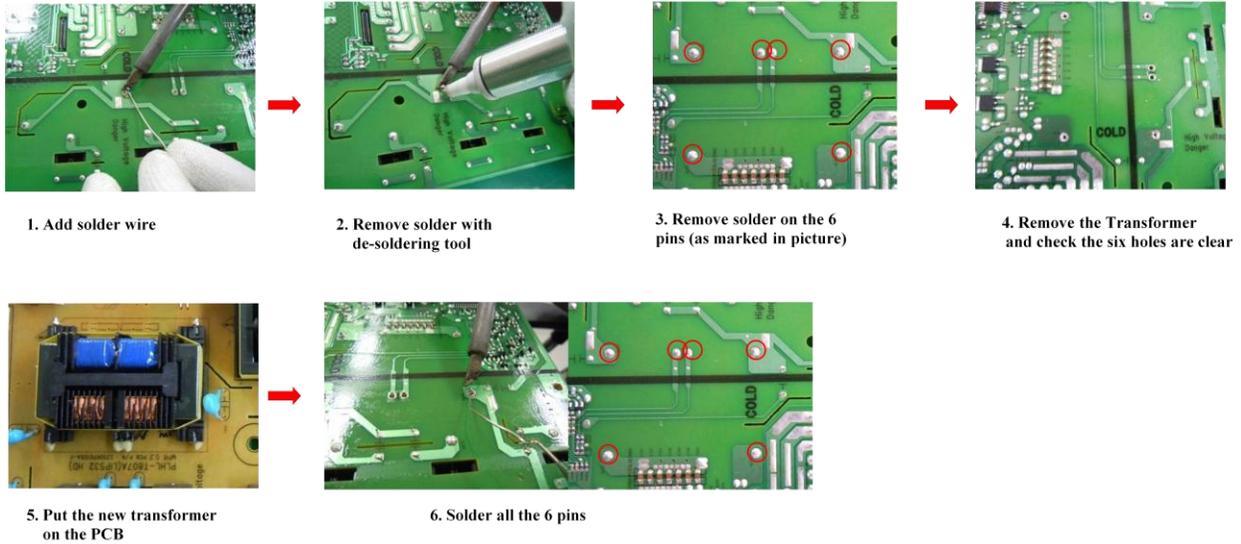


Fig.3 Transformer T701 replacement flow.

3. Perform the following check after replacing the components.

- a. Visual inspection.

Check if the transformer is fully inserted and properly soldered (Fig.4)

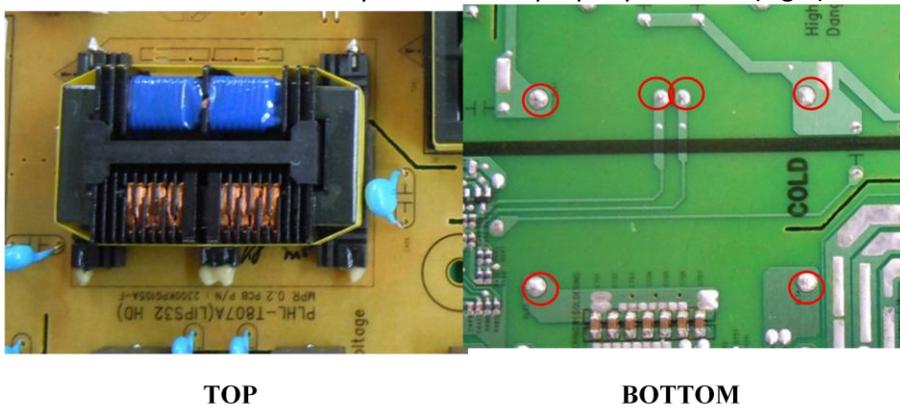


Fig. 4 After transformer T701 replacement.

- b. Perform the following measurement:

Measure the resistance (R) between pin 4 and 5 of T701 (Fig.2). If measured R is < 1 kohm = OK.  
 Measure the resistance (R) between pin 6 and 7 of T701 (Fig.2). If measured R is < 1 kohm = OK.

**BURN IN TEST AFTER REPAIR:**

Please power “on” the TV, switch to any valid channel, and playback for 2 hrs (at room temperature and closed cabinet) before returning the TV to the customer.