

Smart Install

Smart Install allows service personnel to check if the dryer is installed properly.

To enter Smart Install

Turn on the dryer, and press and hold the Adjust Time + Temp buttons for 7 seconds.

A message of "AS" appears.

Step 1. Check the touch sensor

Enter Smart Install mode, and open the door. The state of the touch sensor appears.

- **0** : Touch sensor open, **1** : Touch sensor short

Put a wet cloth on the touch sensor to display "1". Removing the cloth displays "0".

Step 2. Check the motor and heater

Press the Start button to enter the diagnosis mode. The diagnosis result appears.

- **OK** : Both motor and heater work normally - **HC** : Motor or heater doesn't work normally To exit Smart Install mode, turn off the dryer.

An occurrence of an Error will make a sound of error melody for 5sec and continuously show one of the Error Displays from the following errors.

Error Display	Trigger	Action Taken
tC	The Thermistor resistance is very low or high.	Check for : - Clogged lint screen - Restricted vent system. - Check Thermistor resistance
dC	Running the dryer with door open	Check for : - Close the door, and run the dryer - Loose or open wire terminals in Door sense circuit.
dF	Invalid state of the switch for checking door open/close.	Check for : - Loose or open wire terminals in Door sense circuit.
bC2	Invalid state of key circuit short for 30secs	Check for : - Display PCB key circuit short or not
HC	Invalid heating Temp in running the dryer	Check for : - Restricted vent system. - Check Thermistor resistance
FC	Invalid power source Frequency	Check for : - Not using regular power source frequency - Invalid power frequency sense circuit
AC	Communication error between SUB PBA and MAIN PBA	Check for : - Main PBA, SUB PBA and Wire harness - Replace PCB
9C1	Invalid power source voltage	Check for : - Not using regular power source

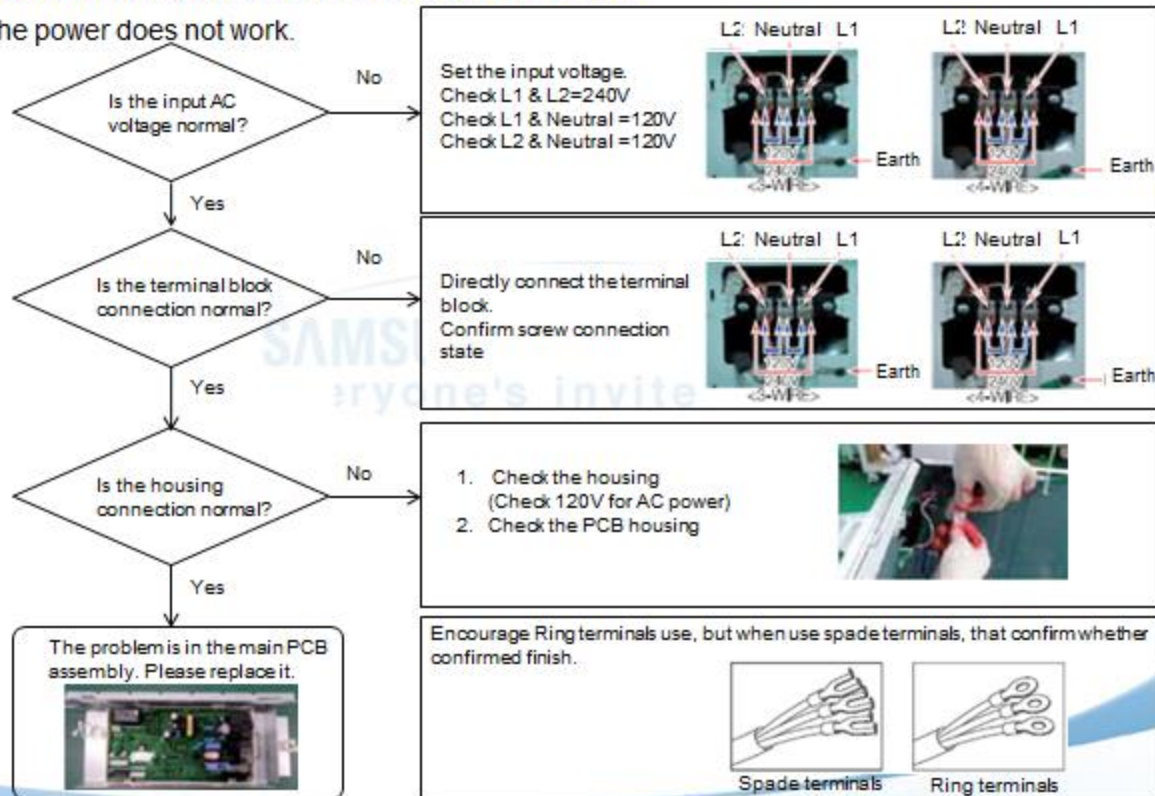
Troubleshooting

No	Problem	What to do
1	Will not start or run	- All wires are hooked up to their corresponding terminals. - Is the dryer is plugged in. - Blown fuse or circuit breaker. - Is the Door switch functional...door closed. Check for error code 3 (See Table for code definition.) - Start/Pause rotary selector dial functional. - Is the control Board operational. - Belt off or broken and Belt Cut-off Switch operates. - Is the motor functional. - Check motor winding resistance: 2.99ohms between pin #3 and 4, 3.5ohms between pin #4 and 5.
2	Motor runs/tumbler will not tum	- Belt off or broken/damaged. - Idler tension spring too weak or stretched. - Idler pulley jammed or stuck.
3	Runs a few minutes and then stops	- Lint buildup around drive motor. - Low voltage present. - Blower impeller blocked in blower housing. - Check the actuator of motor
4	Blows fuses or trips circuit breaker	- Is the belt connected well? - Is the winding of the motor continuous? (Rotor winding, stator winding, generator) - Is the motor protector normal? - If above points are not found, the PCB assembly is out of order. Replace it.
5	Will not heat(motor runs)	- Open heating element. - Hi-limit trips easily or is open. - Regulating thermostat trips easily or is open. - Membrane switch open. - Check Thermistor.

No	Problem	What to do
6	Improper drying clothes winkled rough texture long dry time	- The lint filter is not clean. - Any restriction in the exhaust. - The outside exhaust hood damper door stuck closed. - Is the exhaust too long, too many elbows, flex ductwork installed. - Poor intake air available for the dryer. - Incorrect tumbler speed. Tumbler belt slipping. - Blower impeller bound; check for foreign material in blower area. - Customer overloading dryer. - Check clothing labels for fabric content and cycle selected. - Clothes too wet due to insufficient spin out by washer.
7	Noisy and/or Vibration	- "Thumping" Check for loose tumbler baffle, rear tumbler roller(s) worn or misaligned, out-of-round tumbler or high weld seam on tumbler. - "Ticking" Check for loose wire harness or object caught in blower wheel area. - "Scraping" Check for front or rear bulkhead felt seal out of position or worn tumbler front bearings. - "Roaring" Check for blower wheel rubbing on blower housing or bad motor bearings. - Popping or squealing sound. Check for a sticky or frayed belt.

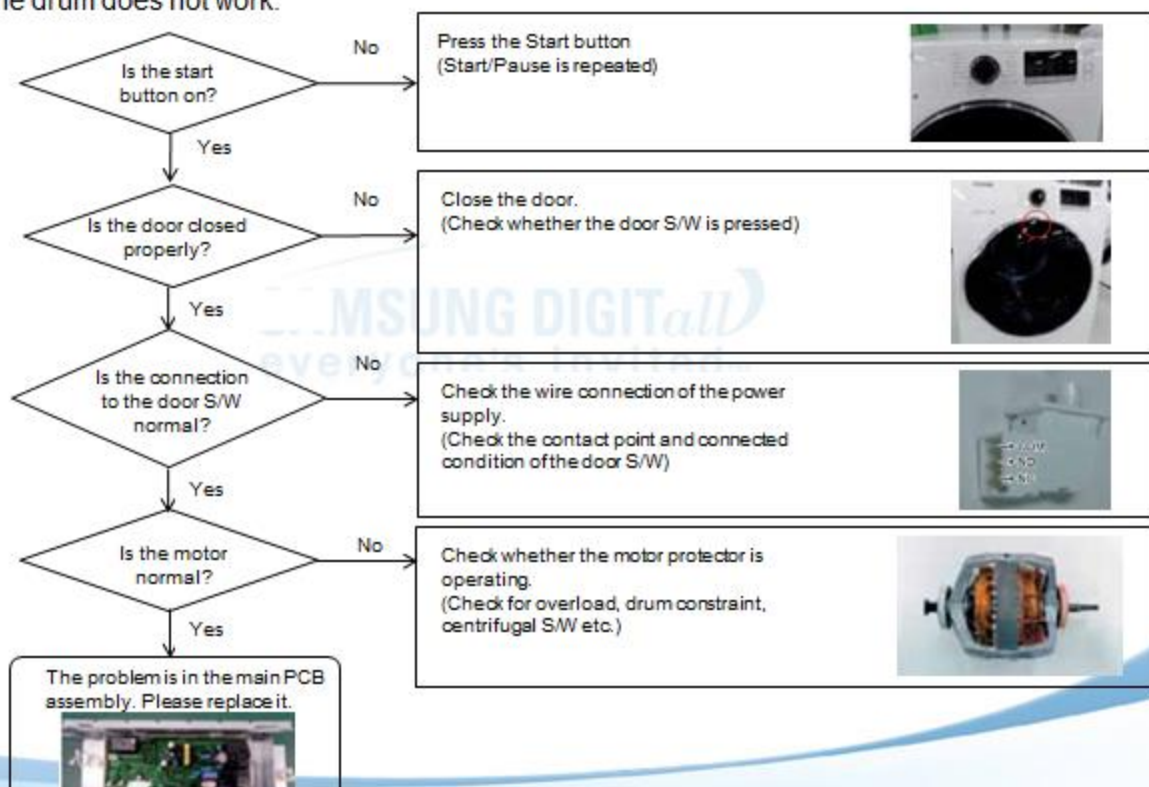
7-4. SYMPTOMS, DIAGNOSIS AND ACTIONS

● The power does not work.



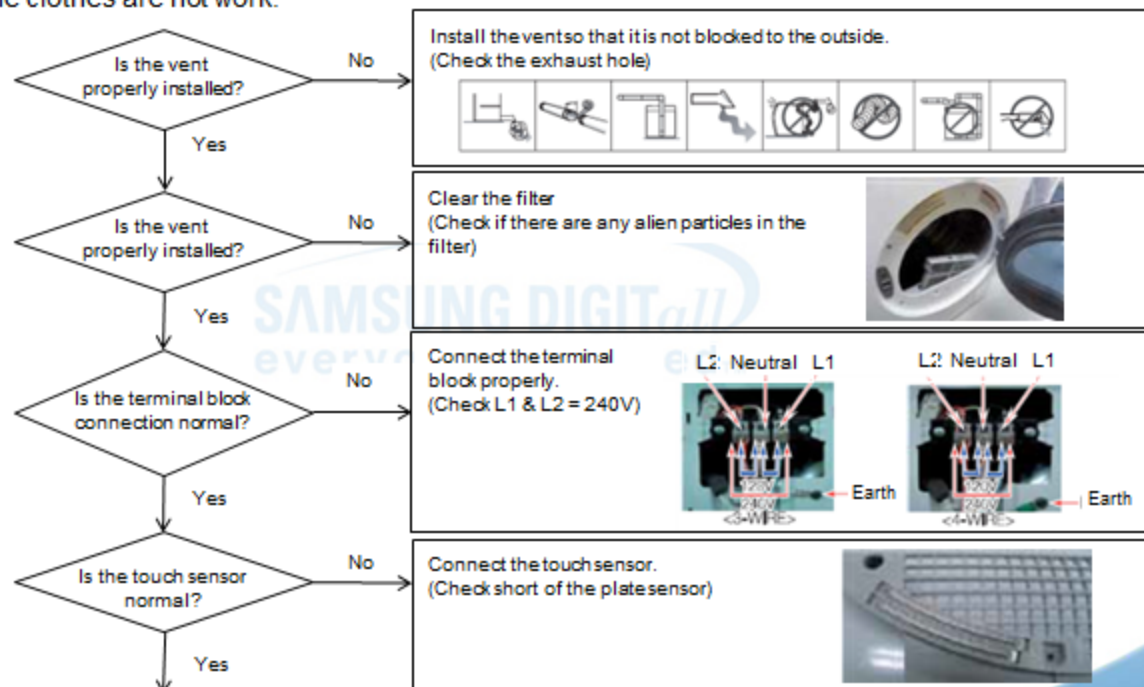
7-4. SYMPTOMS, DIAGNOSIS AND ACTIONS

● The drum does not work.



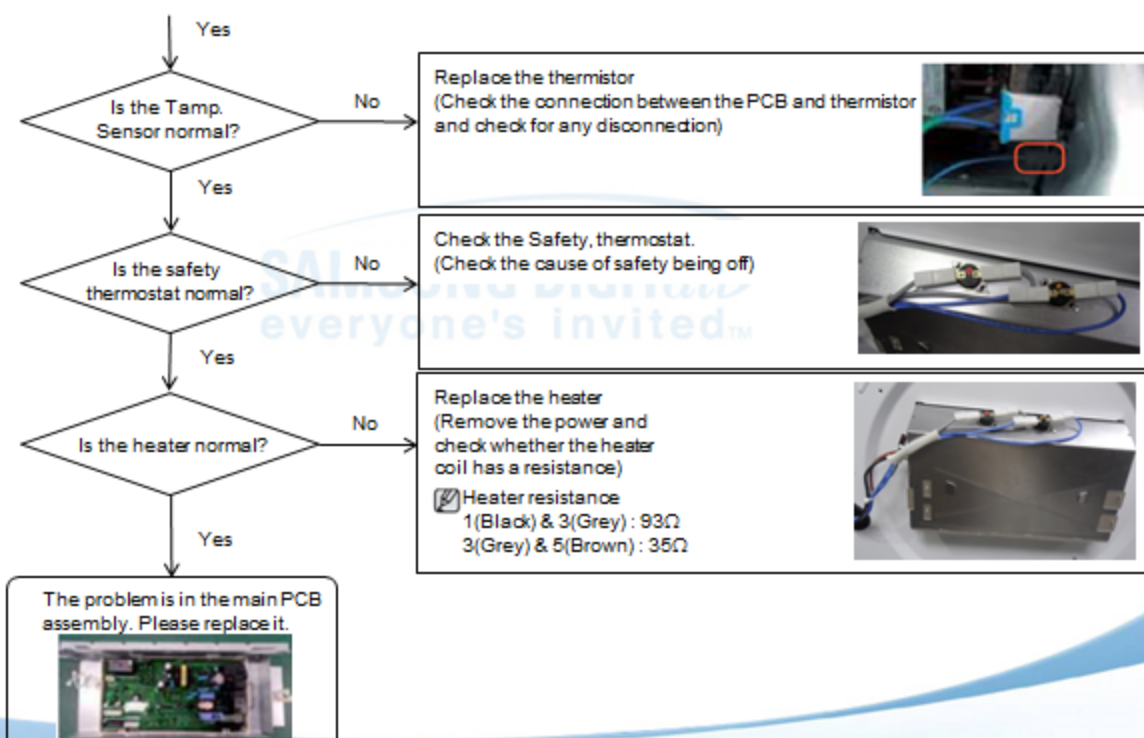
7-4. SYMPTOMS, DIAGNOSIS AND ACTIONS

- The clothes are not work.



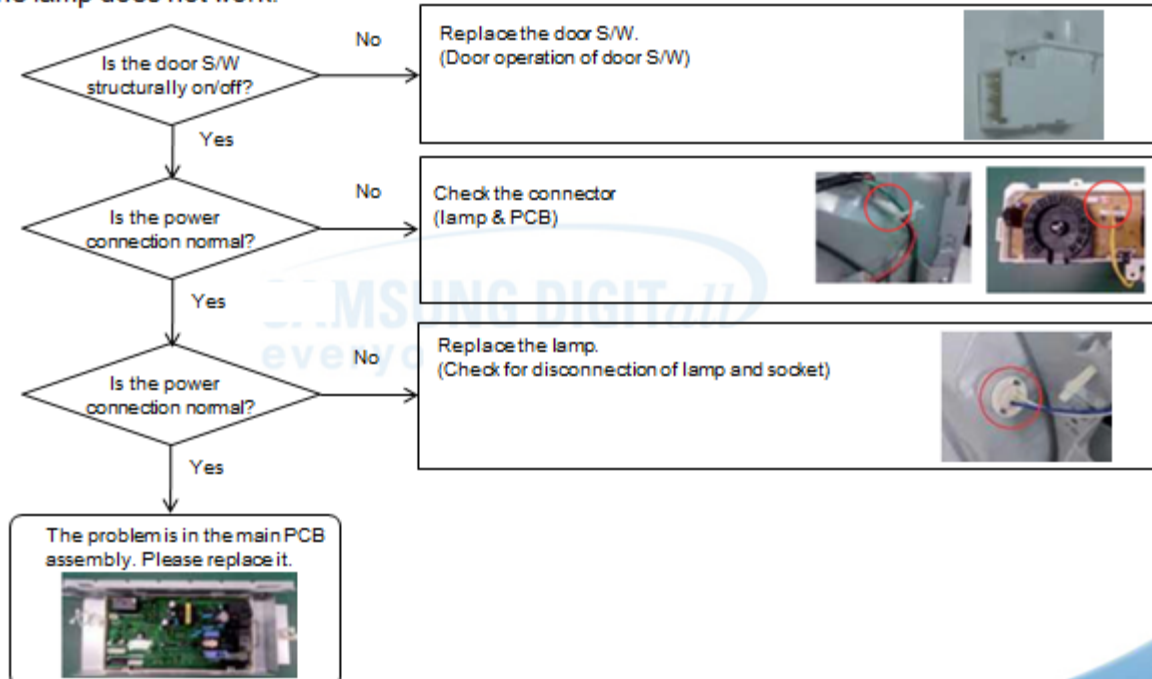
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- The clothes are not work.



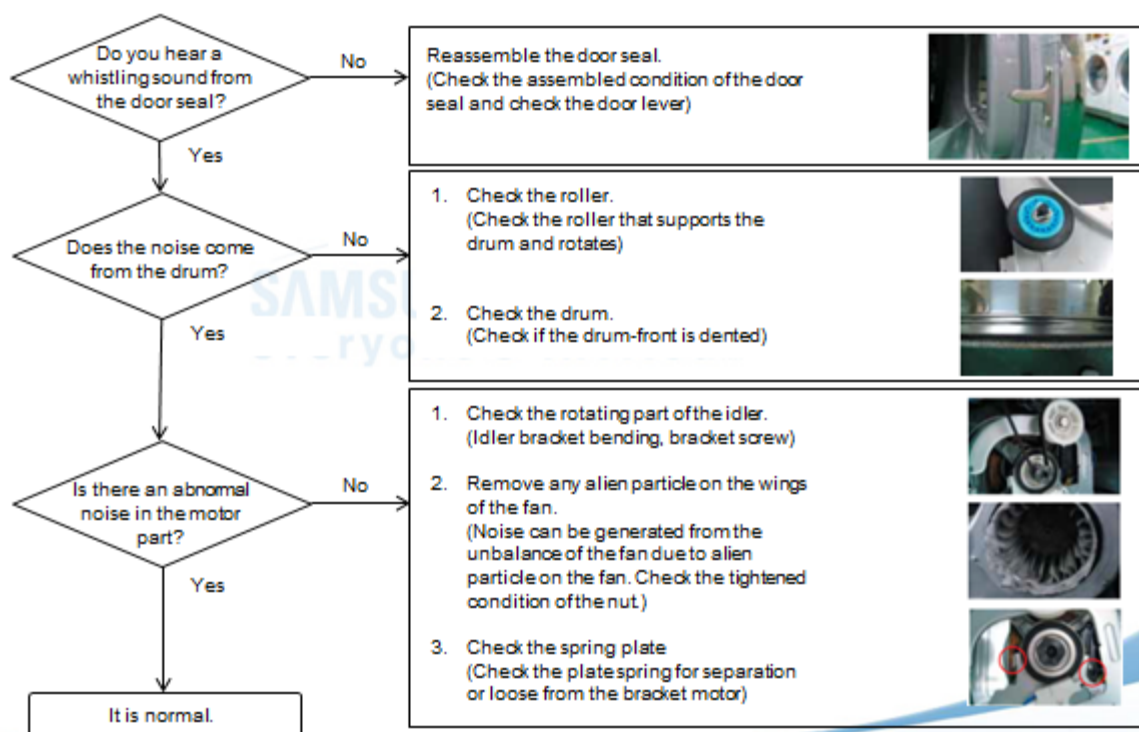
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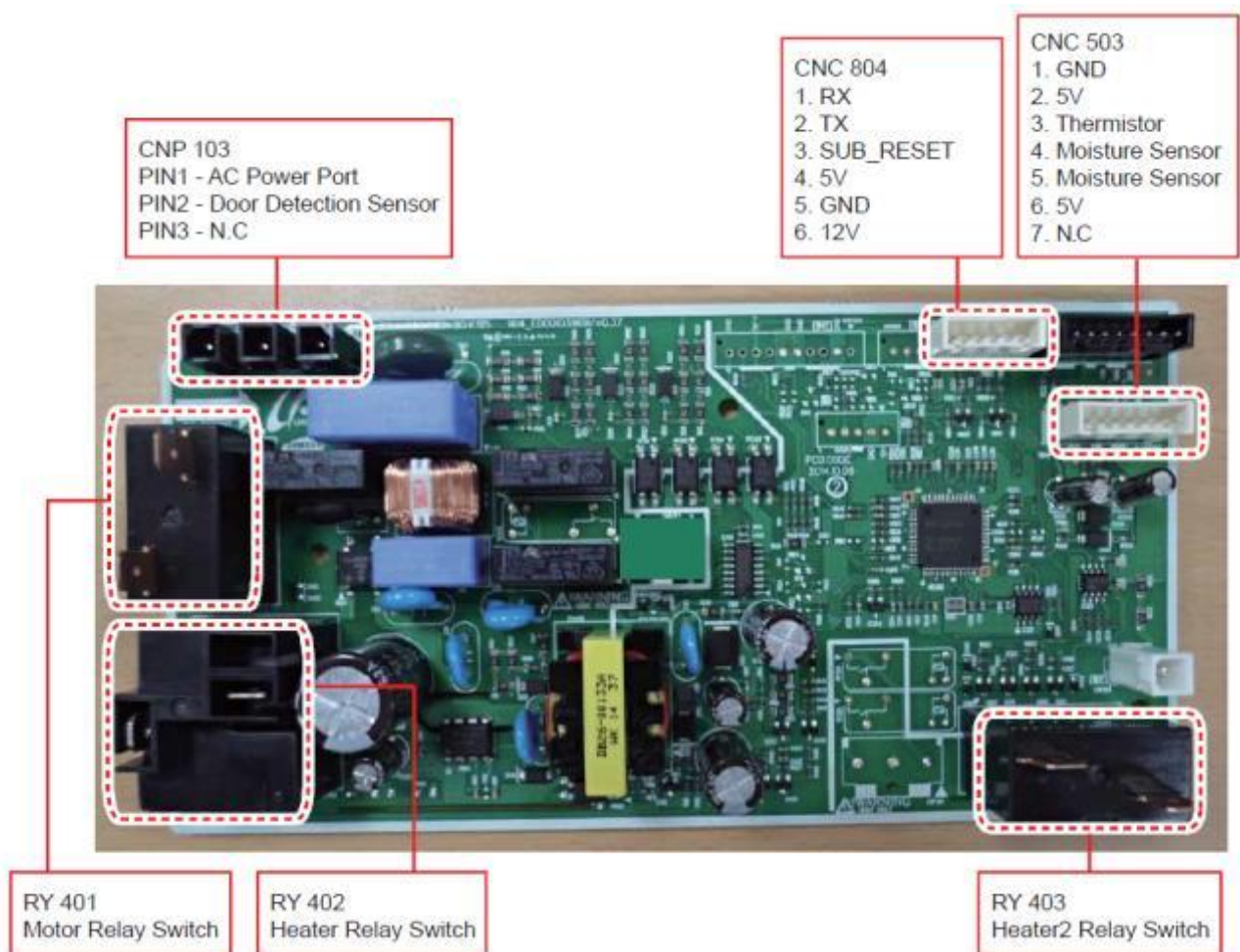
- The lamp does not work.



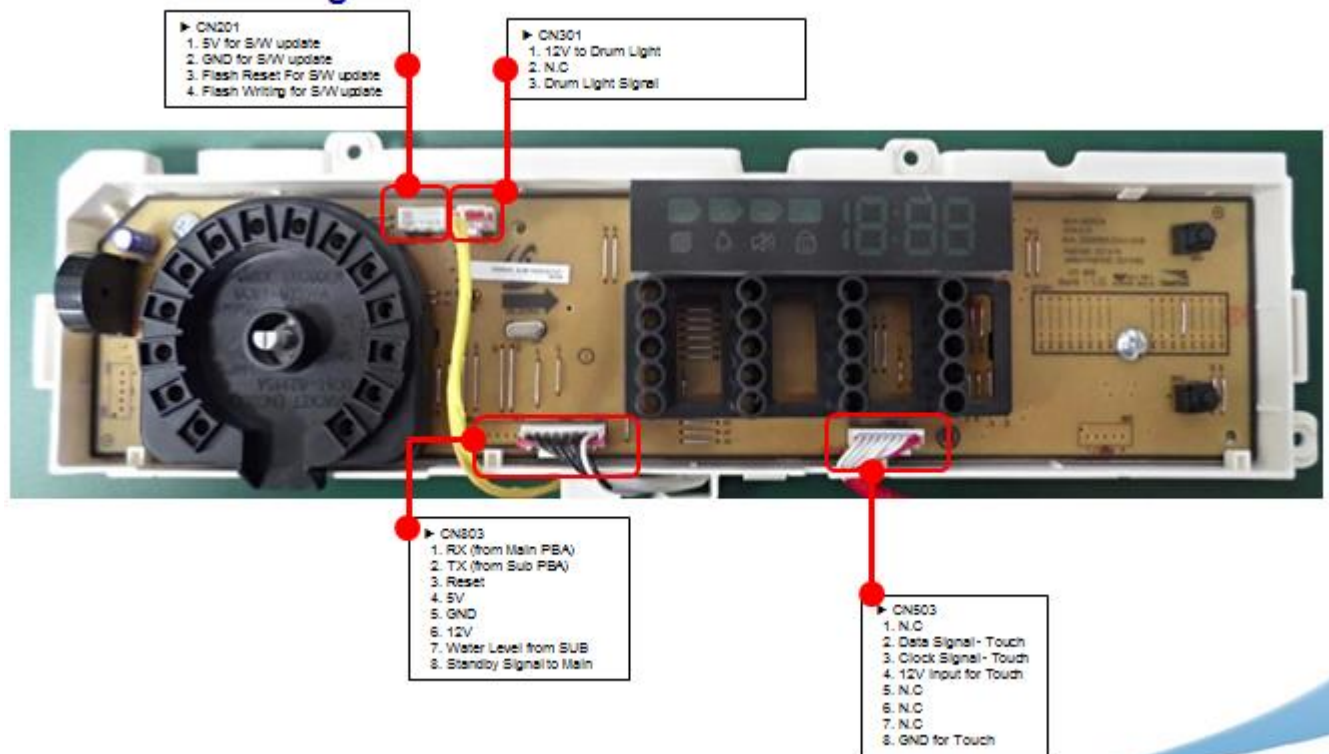
7-4. SYMPTOMS, DIAGNOSIS AND ACTIONS

- There is an abnormal noise in the dryer.





8-2. Sub PBA diagram



■ Reference Information

BLK	BLACK
BLU	BLUE
GRN	GREEN
GRY	GRAY
NTR	NATURAL
ORG	ORANGE
PNK	PINK
RED	RED
SKYBLU	SKYBLUE
VIO	VIOLET
WHT	WHITE
YEL	YELLOW

