



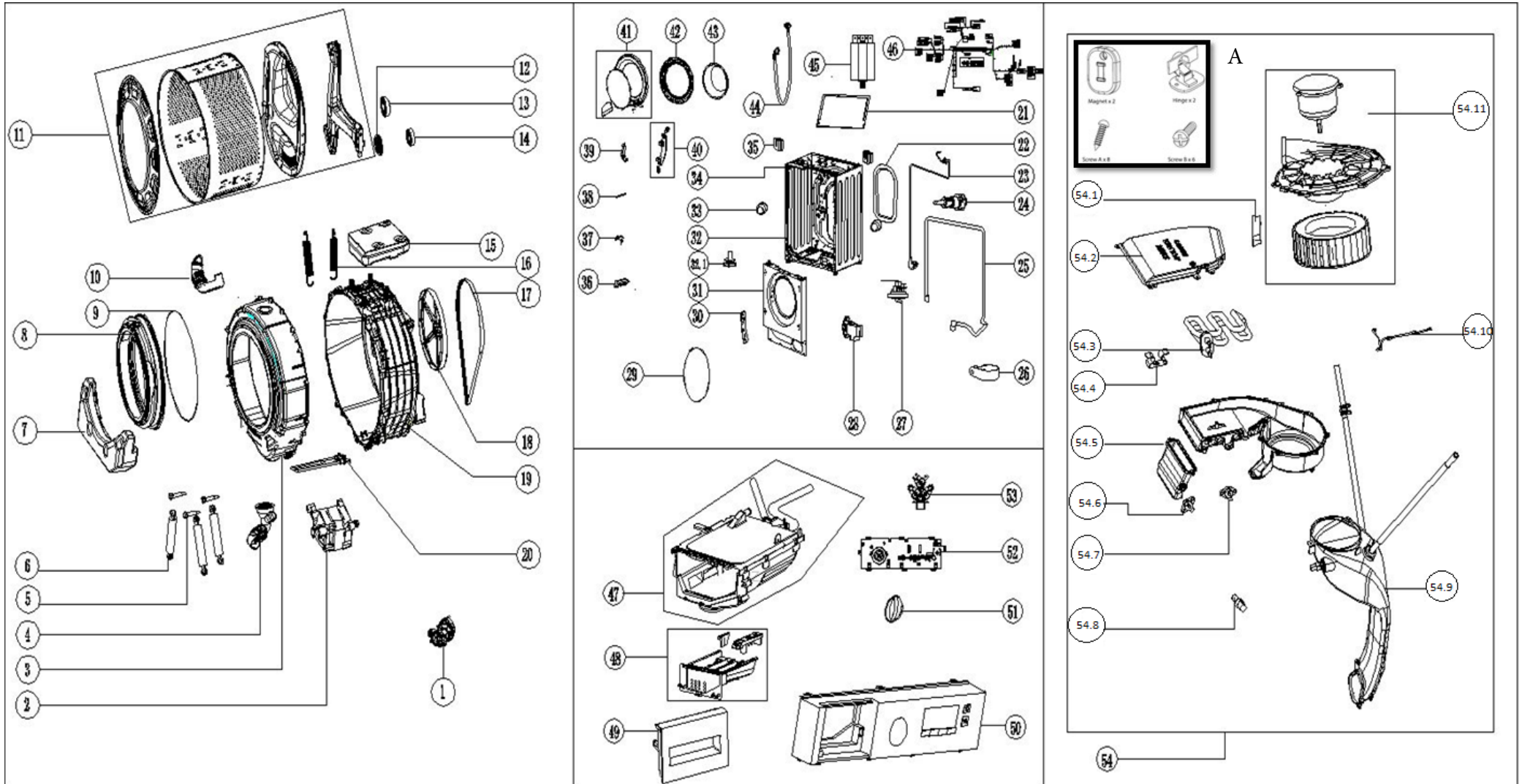
WDI3300

Caple Integrated Washer Dryer 1400rpm

Technical Manual



WDI3300 - Cable Integrated Washer Dryer 1400rpm





WDI3300 - Caple Integrated Washer Dryer 1400rpm

Item	Part Number	Description	Quantity
1	11001011000245	Permanent magnet synchronous pump	1
2	11002015005921	Brushless DC Motor	1
3	12138100003706	Front Tub	1
4	12638100000488	Tub Drain Hose Assembly	1
5	12138100002987	Damper Pin	6
6	12938100000469	Damper	1
6	12938100000465	Damper	2
7	12738100000007	Lower Counterweight	1
7	11303202000003	Fixing Screw	4
7	11300410000029	Washer	4
8	12638100000198	Door Gasket	1
9	12938100000016	Door Gasket Clamp	1
10	12638100000278	Tub Water Inlet Hose Assembly	1
11	12238100000523	Basket Assembly	1
12	12638100000288	Shaft seal	1
13	12938100000128	Bearing	1
13	12938100000129	Bearing	1
14	12938100000128	Bearing	1
14	12938100000129	Bearing	1
15	12338100000188	Upper Counterweight	1
15	11303202000007	Fixing Screw	4
15	11300410000028	Washer	4
16	12900104000017	Suspension Spring	2
17	12638100000250	Belt	1
18	12338100000148	Pulley	1
19	12138100013090	Rear Tub Assembly	1
20	17438100000434	Heater	1
21	12238100001250	Sheet metal Top Cover	1
22	12238100000652	Rear Cover	1
23	17438100000522	Power Cord	1
24	12938100000062	Shipping Screw Assembly	4
25	12138100007109	Drain Hose Assembly	1
26	12138100003094	Drain Hose Catch	1



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Item	Part Number	Description	Quantity
27	17438100001348	Water Level Sensor	1
28	17438100000456	Door Lock	1
29	12938100000047	Door Gasket Spring Clip Spring	1
30	12238100003382	Door Hinge Assemble Bracket	1
31	12238100002901	Front Panel Assembly	1
32	12238100003262	Cabinet Assembly	1
32.1	12638100001125	Adjustable Foot Assembly	4
33	12138100000337	Front Panel Pin	2
34	12238100003261	Top Bracket	1
35	12138100003060	Spring Support	2
36	12138100001922	Door Plunger Stand	1
37	12900101000243	Twist Spring	1
38	11302804000011	Pin	1
39	12338100000216	Door Plunger	1
40	12338100000185	Hinge Assembly	1
41	12138100013315	Outer Frame Assembly	1
42	12138100006744	Inner Ring	1
43	12538100000006	Door Glass	1
44	12038100000541	Water Inlet Hose Assembly	1
45	17438100001354	Electric Filter Assembly	1
46	17438100002182	Internal Wire Assembly	1
47	12138100012251	Dispenser Subassembly	1
48	12138100008249	Drawer Assembly	1
49	12138100010749	Drawer Handle Assembly	1
50	12138100013249	Control Panel Assembly	1
51	12100403000884	Cycle Select Knob	1
52	17138100011783	PCB	1
53	17438100000419	Water Inlet Valve	1
54	12338100000881	Tunnel Assembly	1
54.1	12638100000055	Flange Seal	1
54.2	12338100000901	Tunnel Cover	1
54.3	12938100000006	Heating Tube Clip	1
54.3	17438100000432	Heater	1



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Item	Part Number	Description	Quantity
54.4	12938100000006	Heating Tube Clip	1
54.5	12138100013369	Assembly	1
54.6	17400513000714	Thermostat	1
54.6	17400513000457	Thermostat	1
54.7	17400513000714	Thermostat	1
54.7	17400513000457	Thermostat	1
54.8	17438100001351	Temperature Sensor	1
54.9	12138100013314	Condenser Assembly	1
54.1	12938100000562	Wire Support	1
54.11	17438100002242	Fan motor Assembly	1
A	12038100000281	DÉCOR DOOR FIX KIT	1



Washer Dryer

Model: WDI3300

Service Manual



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1 PRECAUTION

When performing troubleshooting and part replacement during servicing, note the following safety precautions:

1.1 Safety Precautions

1.1.1 Use Genuine Parts

The components of the washing machine have safety features such as non-combustibility and voltage with standing. Therefore, always use the same part as suggested by the manufacturer.

In particular be sure to use only designated parts in case of major safety parts identified by the manufacturer.

1.1.2 Grounding

Connect the grounding wire to the shell plate, and bury it under at least 25cm of earth: alternatively, connect the ground wire to the appropriate pin on a properly grounded power receptacle. Never connect the wire to a telephone line, lightning rod, or gas pipe.

1.2 Servicing Precautions

1.2.1 Observe Warnings

Be sure to follow special warning and precautions that are described on part labels and in the instruction book.

1.2.2 Parts Assembly and Wiring

Be sure to use insulation material (such as tube and tape). And be sure to restore all parts and wires to their original position. Take special care to avoid contact with sharp edges.

1.2.3 Perform Safety Checks after Servicing

After servicing, check to see that the screws, parts, and wiring are restored to their original positions, and check the insulation between the external metals and the socket plug. In addition, place the washing machine in a level position (less than 1 degree) to prevent vibration and noise during operations.

1.2.4 Insulation Checks

Pull out the plug from the power receptacle, pour water into the spin tub, and then set the timer.



Check to see that the resistance insulation between the terminals of the plug and the externally exposed metal is greater than 1M .

Note :When it is impossible to insulation check with a 500V insulation resistance tester, use other testers for inspection.




1 PRECAUTION




1.3 CAUTIONS FOR SAFETY

- Please observe the following notes for safety.
- The symbols indicate as follows.










Symbol	Meaning
 WARNING	Indicates possibility of death or serious injury of a repair technician and a person nearby through the misconducted work , or of a user by a defect of the product after the work performed by the technician.
 CAUTION	Indicates possibility of injury or physical damages* of a repair technician and a person nearby through the misconducted work , or of a user by a defect of the product after the work performed by the technician.

* Means secondary damages of property, furniture , domestic animal and pet.






Symbol	Meaning
 ELECTRIC SHOCK	Indicates a caution (including a warning). Specific instruction is followed by a graphic or characters in or near. Symbol left warns an electric shock.
 DO NOT DISASSEMBLE	Indicates prohibition (act must not be conducted). Specific instruction is followed by a graphic or characters in or near. DO NOT Symbol left warns not to disassemble.
 UNPLUG	Indicates forcing (act must be conducted). Specific instruction is followed by a graphic or characters in or near . Symbol left warns to unplug the power cord.

Symbol	Meaning
 OUT OF CHILD	Advise the customer to keep children out of the work place. Children may be injured with a tool or a disassembled part.
 UNPLUG POWER	Unplug power cord for the work such as disassembling which is not unnecessary to power on . Do not hold the plug by a wet hand. Failing to unplug may cause an electric shock.
 USE REPAIR PARTS	Use the specified repair parts when repairing the product. Otherwise , a malfunction or a defect may occur. Also , a short circuit , ignition or other danger to the customer may occur.

1 PRECAUTION

WARNING	
 CHECK INSULATION RESISTANCE	After repair, measure insulation resistance between the charging part(power cord plug) and the non-charging metallic part (ground) with an insulation resistance meter (500V).The resistance shall be 10M or more. Failing to check the insulation resistance may cause a short circuit, electric shock or other diseases to the customer.
 DO NOT MODIF	Do not modify the product. An electric shock or ignition may occur.
 DO NOT MODIFY	Only a repair technician can disassemble and repair. An electric shock, ignition or malfunction may cause injury.
 USE EXCLUSIVE SOCKET	Use an exclusive 110 VAC/15 A socket for the washing machine. Use an exclusive 220VAC/17A socket for the washing machine. Otherwise , an electric shock or ignition may cause. Sharing the same socket with other instrument causes heating of a branch socket and result in a fire.
 CONNECT GROUNDING WIRE	Connect the grounding wire. Failing to do so may cause an electric shock when a short circuit occurs. Consult an electric work shop or a sales shop.
 DO NOT USE WET PLACE	Do not install in a bathroom or a place exposed to wind or rain. An electric shock or a short circuit may cause a fire.
 DO NOT SPLASH WATER	Do not pour or immerse electrical parts into water or liquid solution. An electric shock or ignition may occur.
 REMOVE DUST	Wipe off dust adhered to the plug of power cord. Dust may cause a fire.
 AVOID FLAMMABLE ITEMS	Do not put flammable items into the washing tub. Do not put cloths stained with kerosene, gasoline, benzene, thinner, alcohol, etc. It may cause a fire or explosion.

1 PRECAUTION

WARNING	
 DO NOT TOUCH	Do not touch the laundry before the spin basket stops completely. The laundry entangles your hand causing an injury even if the basket rotates slowly. Pay special attention to children.
 INSTALL CAREFULLY	Must be installed by a qualified installer. Install the product securely and safely according to the electrical equipment technical standard and the wiring standard. Incorrect work causes an electric shock and a fire.
 DO NOT PULL	Do not pull the power cord when unplugging. Hold the power plug to unplug. An electric shock or short circuit may cause a fire.
 DANGER HAND	Do not insert your hand under the washing machine during operation. There is a rotary part under the machine which may cause an injury.
 WATER LEAKAGE	Before starting washing, open the faucet and check water supply hose joint which shall not be loosened for no water leaks. The loose screw or hose joint may cause water leakage resulting in an unexpected damage.

2 PRODUCT SPECIFICATIONS

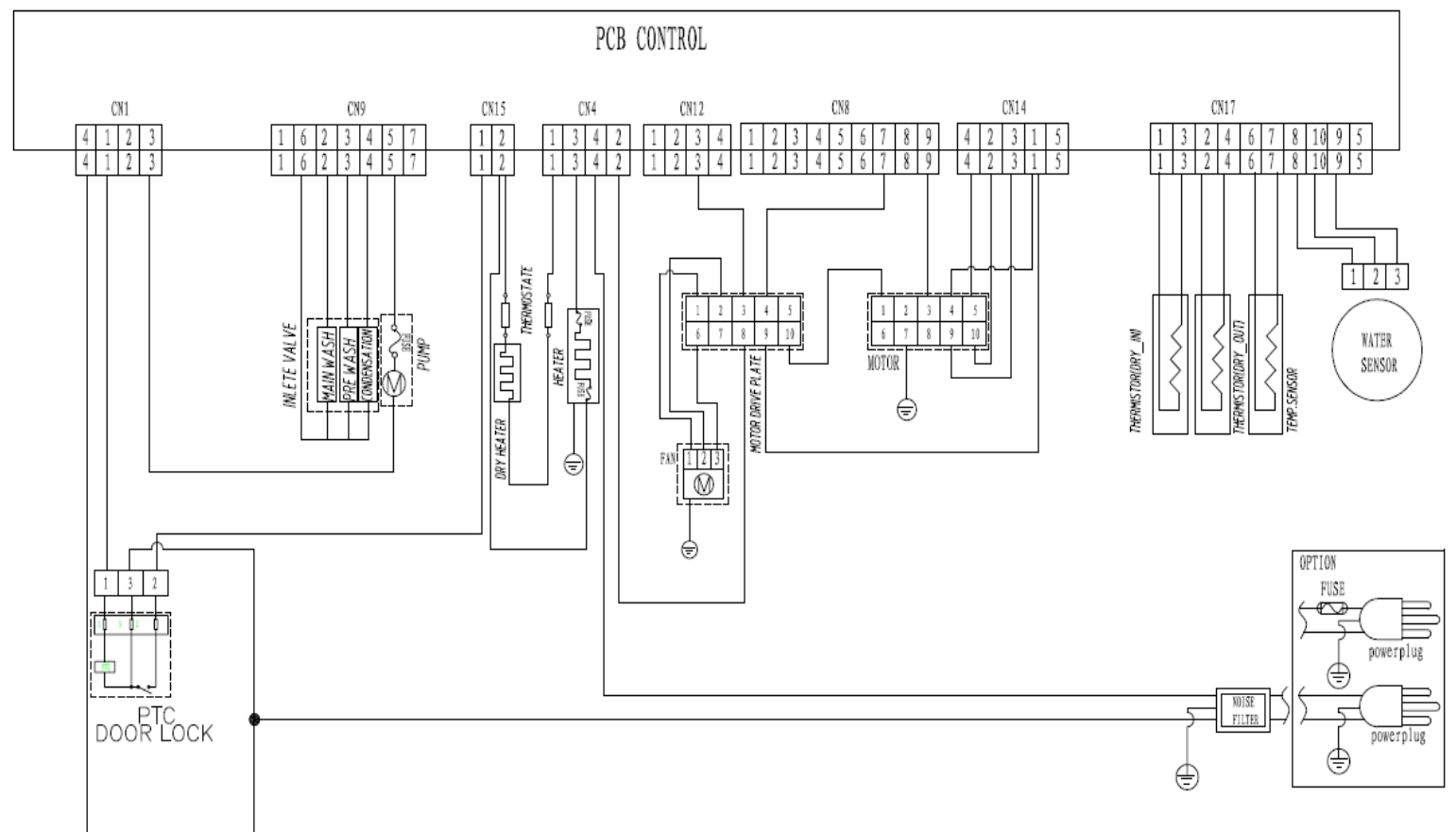
Product Specifications	
Brand	Caple
Model	WDI3300
Color	White
Features	
Washing Capacity	8kg
Rated Spinning Capacity	8kg
Drying Capacity	6kg
Power Supply	220-240V
Rated Frequency	50Hz
Rated Power	1900W
Drying Power	1300W
Rated Current	10A
Max. Spin Speed	1400RPM
Display Type	LED
Motor	BLDC Motor
Energy Rating	
Energy Efficiency Class	A
Washing Performance Class	A
Spin-drying Efficiency Class	A
Energy consumption	5.44 Kwh/Cycle
Water consumption	124 L/Cycle
Specifications	
Net Dimensions (W×D×H)	595 × 565 × 815mm
Net Weight	64Kg
Gross Weight	68Kg

4 WIRING DIAGRAM/PCB LAYOUT



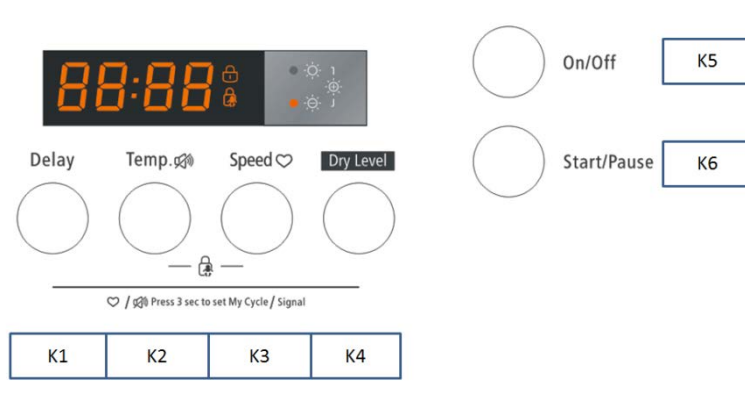
Warning care should be taken when diagnosing or replacing components as the appliance may store static electrical charge.

4.2 The circuit program(Inverter Motor)



5 SERVICE MODE

5.1 Service mode



Before entering into service mode, make sure no water remains in the inner drum, if not, select drain only program to drain them out.

Turn on the machine and take turns [K2] [K4] [K2] [K4] buttons in 30s.

Press [K1] or [K2] to select test program. Press [K6] button to confirm your selection and start the selected test. If you want to go back to test selection interface, press the [K6] button to cancel previous selection.

LED Display	Check Target	Check Method	Check Item
t01	Version switchover	<ol style="list-style-type: none"> 1. Press [K6] button 2. Press [K2] to change version 3. Press [K1] button continuously for 3s to confirm your change 	LED displays "0xx" x means current version
t02	Error code checking	<ol style="list-style-type: none"> 1. Press [K6] button 2. Press [K1] to show the last code and press [K2] to show the next code 3. Press [K2] and [K3] button at the same time continuously for 3s, after hearing the beep, all the error codes records deleted, LED displays E00. 	LED displays "Err"
t03	Version information checking	<ol style="list-style-type: none"> 1. Press [K6] button Enter into service mode, LED displays "cod" . 2. Press [K6], LED displays project number. 3. Press [K1] button, LED displays version number 	LED displays version number

5 SERVICE MODE

5.1 Service mode

LED Display	Check Target	Check Method	Check Item
t04	UI Checking	Press [K6] button	The whole LED display flashes
t05	Drain-pump checking	Press [K6] button to drain out all the remaining water. If all water drained out, LED displays "EP" , and 6 minutes later ,if there is still water remains in it, LED displays "FP"	LED displays "PPT"
t06	Pressure switch checking	1. Press [K6] button to activate inlet valve. LED displays level frequency once water lever get the main wash level.	LED displays LL
t07	Water temperature sensor and heater checking	Press [K6] button to activate the main inlet valve and get the water lever to heating level then turn on the heater and 5 mins later turned off automatically	LED displays the current temperature
t08	Inlet valve checking	1. Press [K6] button, LED displays "uu" and switch on the main wash inlet valve for 10 min. 2. Press [K1] button, LED displays "u1" and switch on prewash valve for 5s. 3. Press [K1] button, LED displays "u2" and switch on the main wash inlet valve for 5s. 4. Press [K1] button to switch on main wash and prewash valve and get the water lever to setting level, then drain out the water.	LED displays "UU"

5 SERVICE MODE

5.1 Service mode

LED Display	Check Target	Check Method	Check Item
t09	Rotating checking	Press [K6] button, inner drum rotates in 45r/m clockwise for 15s and stop for 10s then rotates counterclockwise for 15s, over and over again.	LED displays "tUB"
t10	Spin speed checking	Press [K6] button , the number on the display goes up in the same pace with the real speed and when it reach 400rpm, you need to press [K1] button to get the machine to reach its target speed	LED displays "spn"

5 SERVICE MODE

5.2 Self-check

Push and hold the function and pre-washing buttons, turn the program knob to the position of cotton and hold for 3s, then the program will be in the state of self test. When the buzzer beeps, all the indicating lights will flash 3 times (pushing 0.5s, the 0.5s light is on and off), then the lights are on all the time. When the knob is turned to the following position in this time and push the button of start/off, the test is active.

1. Delay washing test (cotton normal water):the maximum inlet water time is 10s.
2. Main washing test(cotton 40°C): the maximum inlet water time is 10s.
3. Washing test(cotton 60°C): the maximum inlet water time is 10s.
4. Heating test(cotton 90°C): estimate whether the water level is 1, if not, adding water to 1, then begin to heat in the maximum of 10 minutes.
5. Tub leaking test(speedy washing 30°C): estimate whether the water level is 1, if not, adding water to 1, according to cycle of clockwise 10s-stop 2s-anticlockwise 10s to test in the rotate speed of 250rpm (fault alarm E6/E7).
6. Drain test (single drain): if the water level is below 1, it is plus 40s (malfunction alarm E3).
7. Dehydration (single dehydration): judge whether the water level is below 1, if not, drain water until it is below the 1 plus 20s, then dehydrate in the maximum of speed (unbalanced test is needless), the maximum time is 10 minutes(fault alarm E5).

NOTE:

- 1) The tests foregoing are reversible.
- 2) It is need to close the door lock before each test , or else the door clock is malfunction alarm E1.
- 3) The knob can be turned to every position, the corresponding test is valid once pushing the start/pause button.
- 4) If the knob is not in the position of that test, there is not responsive.
Exit need to close the power.

5.3 SHOWROOM DEMO/DISPLAY MODE

Operation program: push the function + pre-washing button and screw the knob to 40°C, keeping 3 minutes, when the buzzer toot, it enter the sales display mode. In the mode, the washer without and the heater without power, run the two minutes standard cotton washing + washing program and three minutes dehydration program after pushing the start/pause button, then stop, if you push the start/pause button again, the operation repeat.
Exit need to cut off the power.

6. ERROR CODES AND EXPLANATIONS

Error code	Reason	Possible cause	Solution
E10	In 3 minutes, the water level doesn't change with valves open	The water level doesn't change in 3 minutes during filling the water.	If the washer fills very slowly, the water pressure from the house might be too low. If the water inlet valve isn't leaking and there are no other symptoms this problem does not need to be corrected.
		Water inlet hose	Make sure that water faucet is turned on and that the screens on the hoses are not restricted.
		Water inlet valve (The voltage on the water inlet valve is normal)	If the water pressure is good, try cleaning the screens inside the water inlet valve hose connection ports. If those are clean replace the water inlet valve.
		Water level sensor or control switch (No voltage on the water inlet valve)	A water level control switch controls how much water enters the washing machine by PCB. If the water level control switch is defective, or more commonly, if the small air pipe attached to the air bell restricted, The switch will not be able to close the electrical contacts to the washer fill valve. CHECK THE AIR PIPE CHECK THE WATER LEVEL SENSOR CHECK THE PCB and the inner wire between PCB and the sensor
E12	The water level in drum exceed a certain level for alarm	Restart	Sometimes just restart the unit can solve the problem.
		Water inlet valve (The voltage on the water inlet valve is normal)	If the washer is overflowing, the water inlet valve has failed. Replace it.
		Water level sensor or control switch (No voltage on the water inlet valve)	A water level control switch controls how much water enters the washing machine by PCB. If the water level control switch is defective, or more commonly, if the small air pipe attached to the air bell restricted, The switch will not be able to close the electrical contacts to the washer fill valve. CHECK THE AIR PIPE CHECK THE WATER LEVEL SENSOR CHECK THE PCB and the inner wire between PCB and the sensor

6. ERROR CODES AND EXPLANATIONS

E21	In 3 minutes, the water level doesn't change with pump started.	Drain hose	If the washer won't drain water check the drain hose. Be sure the hose did not get kinked behind the washer. Also, remove the hose from the pump and check it for obstructions.
		pump	If the washer won't drain water the drain pump might be defective. It's also common for a small sock or other article of clothing to get caught in the drain pump or in the drain hose. Check both for an obstruction before replacing the pump.
		PCB	Check the PCB.
E30	Door will not open.	Door lock	Check the door hook/catch and the door lock to get correct location.
		PCB	If the washer door won't unlock the problem might be the main PCB. This is not common. Check the inner wire between the PCB and the door lock first.
E33	The PCB cannot detect the signal of the water level sensor.	Water level sensor	Check the water level sensor Check the PCB the inner wire between PCB and the sensor.
E34	Temperature sensor fail.	The temperature sensor(NTC) loose or faulty connection	Check the NTC and connection .
E60	No motor action.	The motor doesn't rotate 5 times	1.Check the PCB and the motor 2.Check the motor wiring connections.

6. ERROR CODES AND EXPLANATIONS

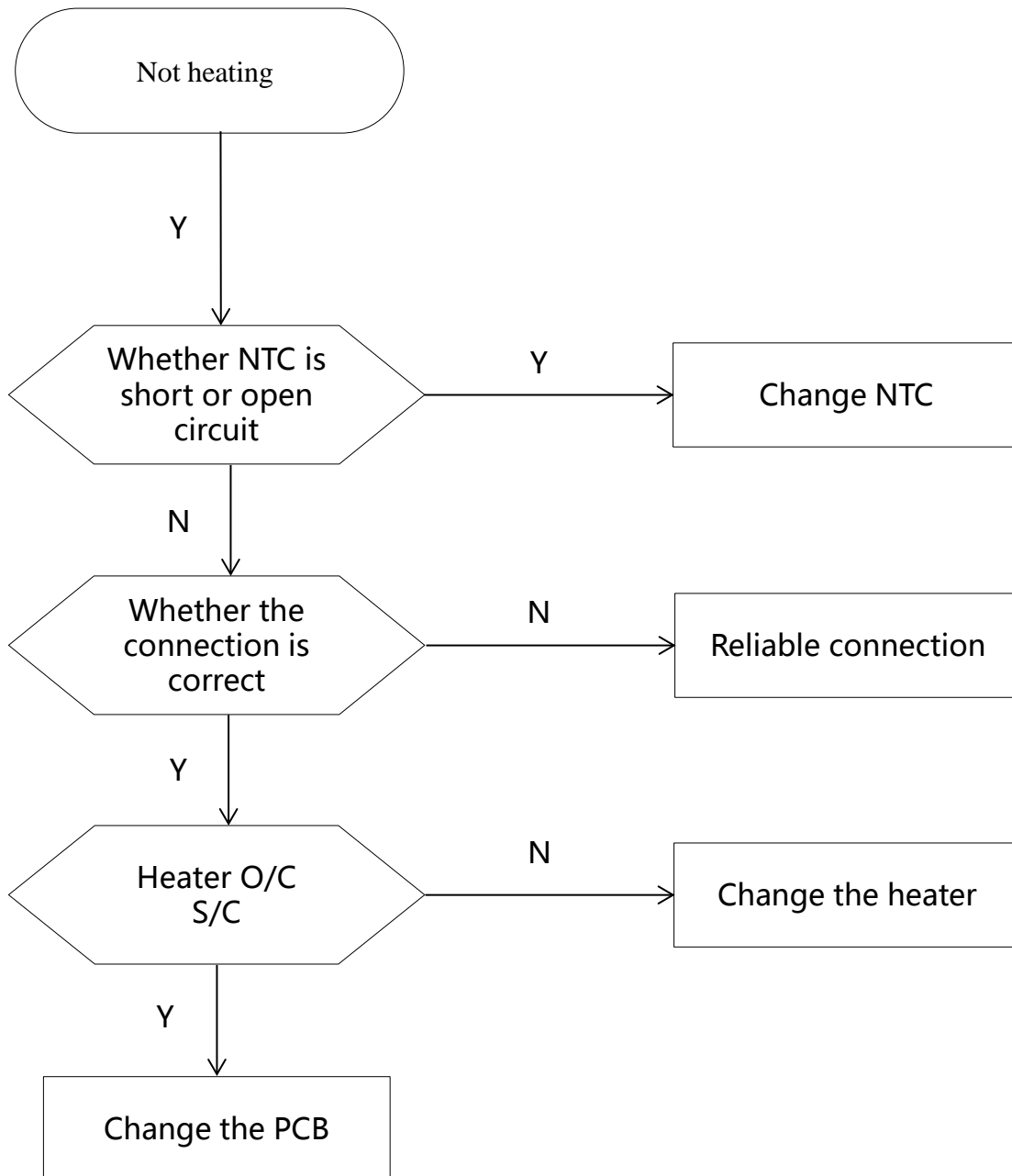
E61	The speed don' t transmit signal	The PCB can' t get speed transmit signal when the motor drive	1.Check the speed transmit line of the motor to prevent fall of 2.Check the PCB and the motor 3.Check the motor communicate wire
E62	The speed don' t transmit signal abnormality	Triac get broken	1.Check the speed transmit line of the motor to prevent fall of 2.Check the PCB and the motor 3.Check the motor communicate wire

Error Code	Define	Unit Action	Causes	Explanation	Notes
E64	(Transducer Error)	Transducer Error	Transducer Error	Check the wire connect before replacing the Transducer	
E50-E5X	(X means different letter or number)	/	Transducer Error	Check the wire connect before replacing the Transducer	
E37	In the drying process, the temperature sensor at the air outlet is wrong	/	Temperature sensor	Check the inner wire before replacing the Temperature sensor	(Outlet and inlet are different with different model)
E38	In the drying process, the temperature sensor at the air intake is wrong	/	Temperature sensor	Check the inner wire before replacing the Temperature sensor	(Outlet and inlet are different with different model)
E3A	Drying heater open	Drying heater open	Drying heater	Push the red part of the temperature sensor before checking. Check the inner wire on PCB, Fan motor heater, temperature sensor. Check the heater resistance (should be a certain value)	
			Lint on fan wheel and condenser	Check and clean the lint on fan wheel. Check the lint in the air condenser.	

7 TROUBLE SHOOTING

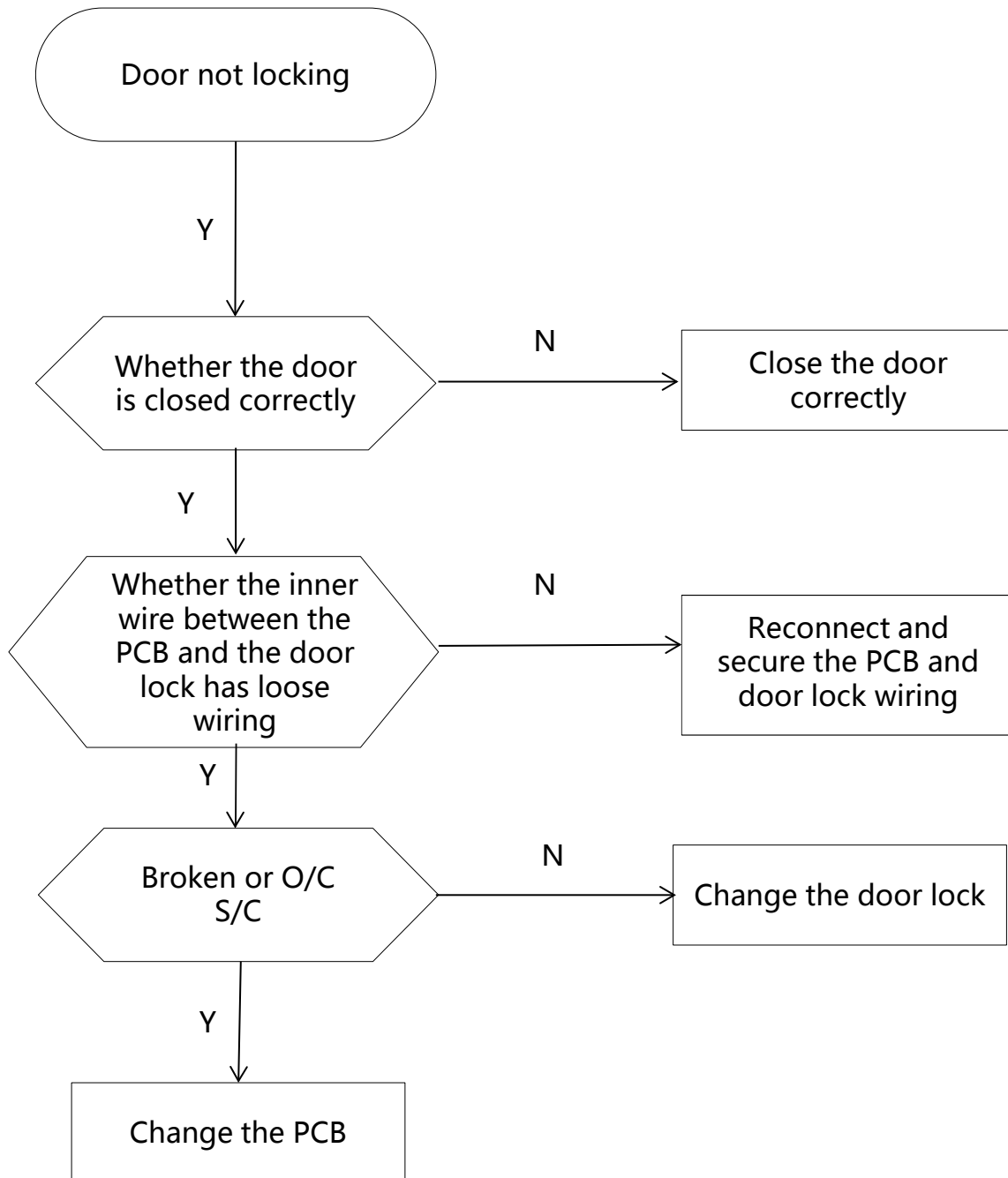
Fault tree

1. Maintenance not heating malfunction



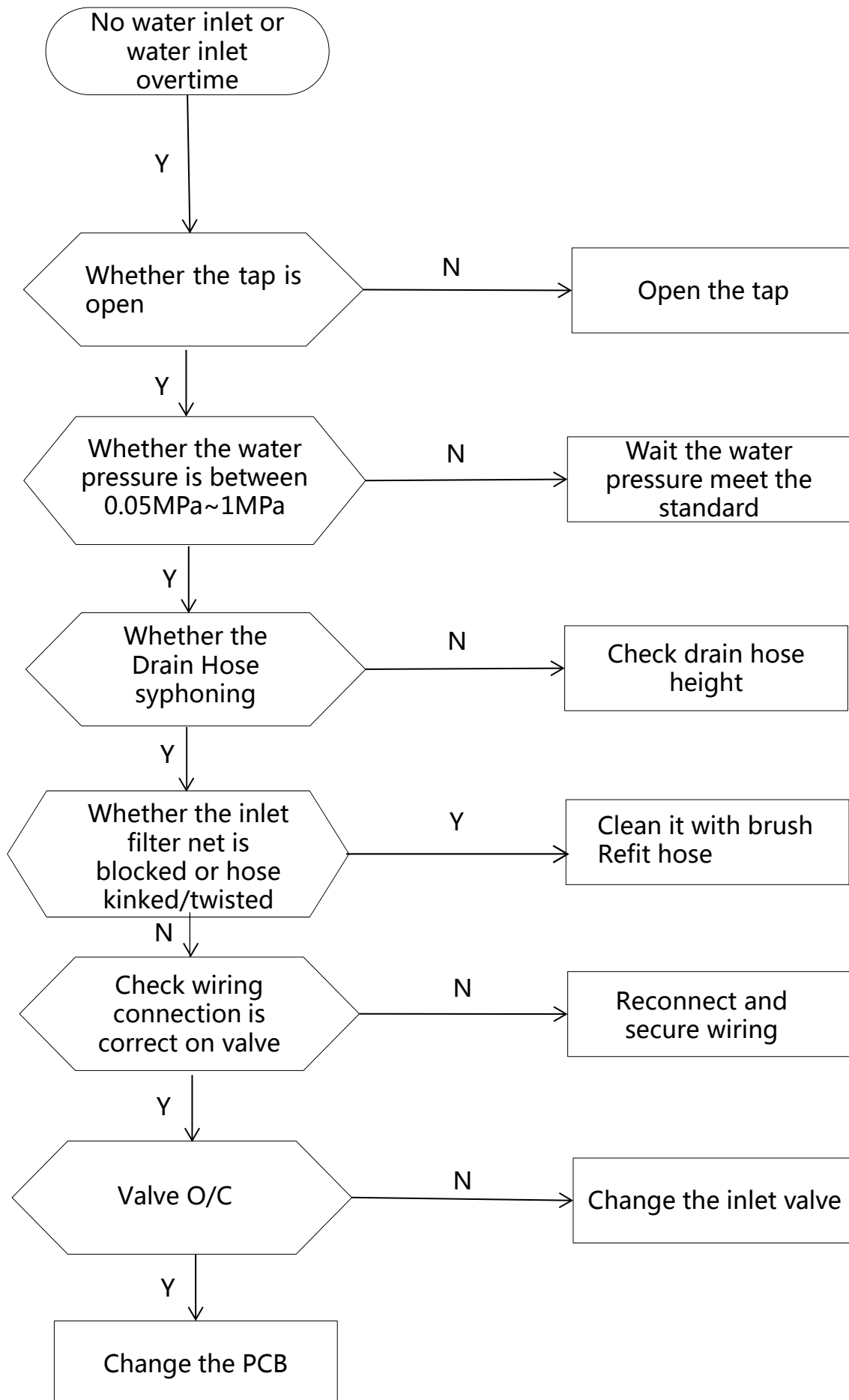
7 TROUBLE SHOOTING

2. Door not locking & its maintenance



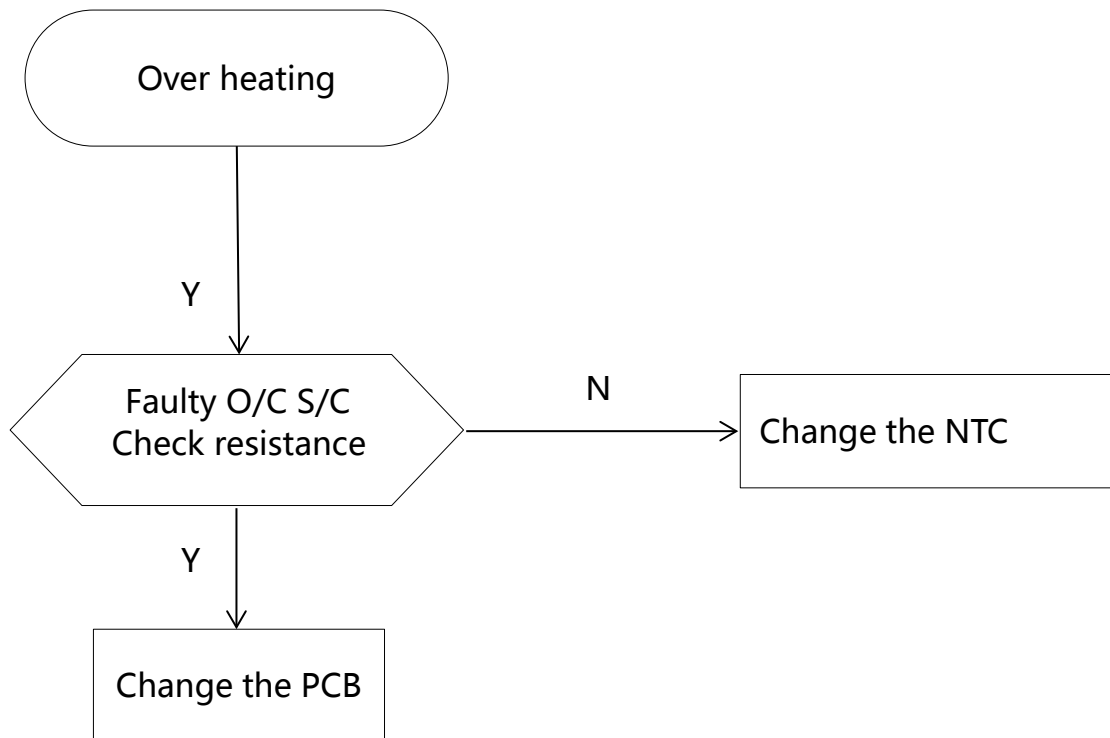
7 TROUBLE SHOOTING

3. No water inlet or water inlet overtime



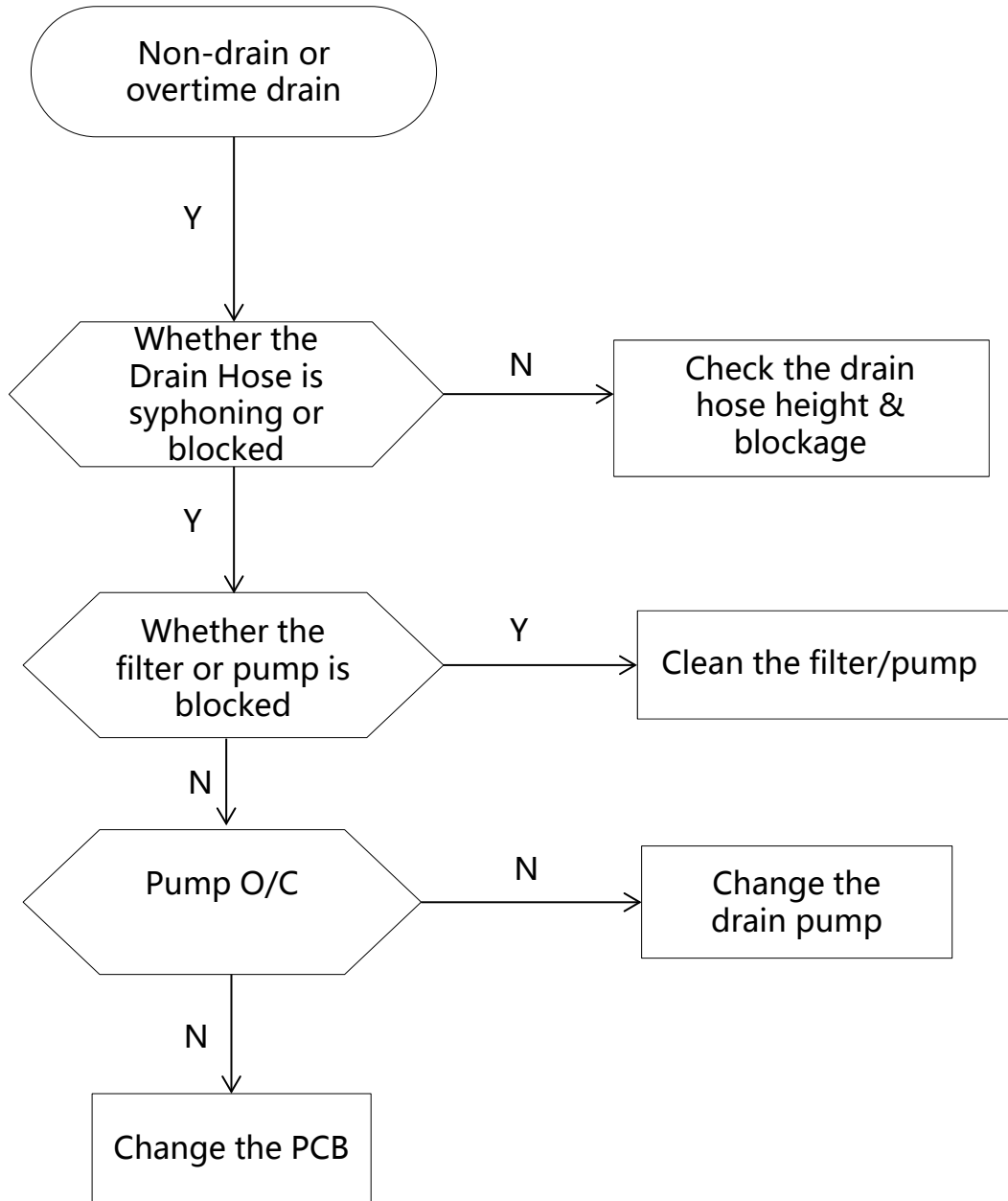
7 TROUBLE SHOOTING

4. Over heating



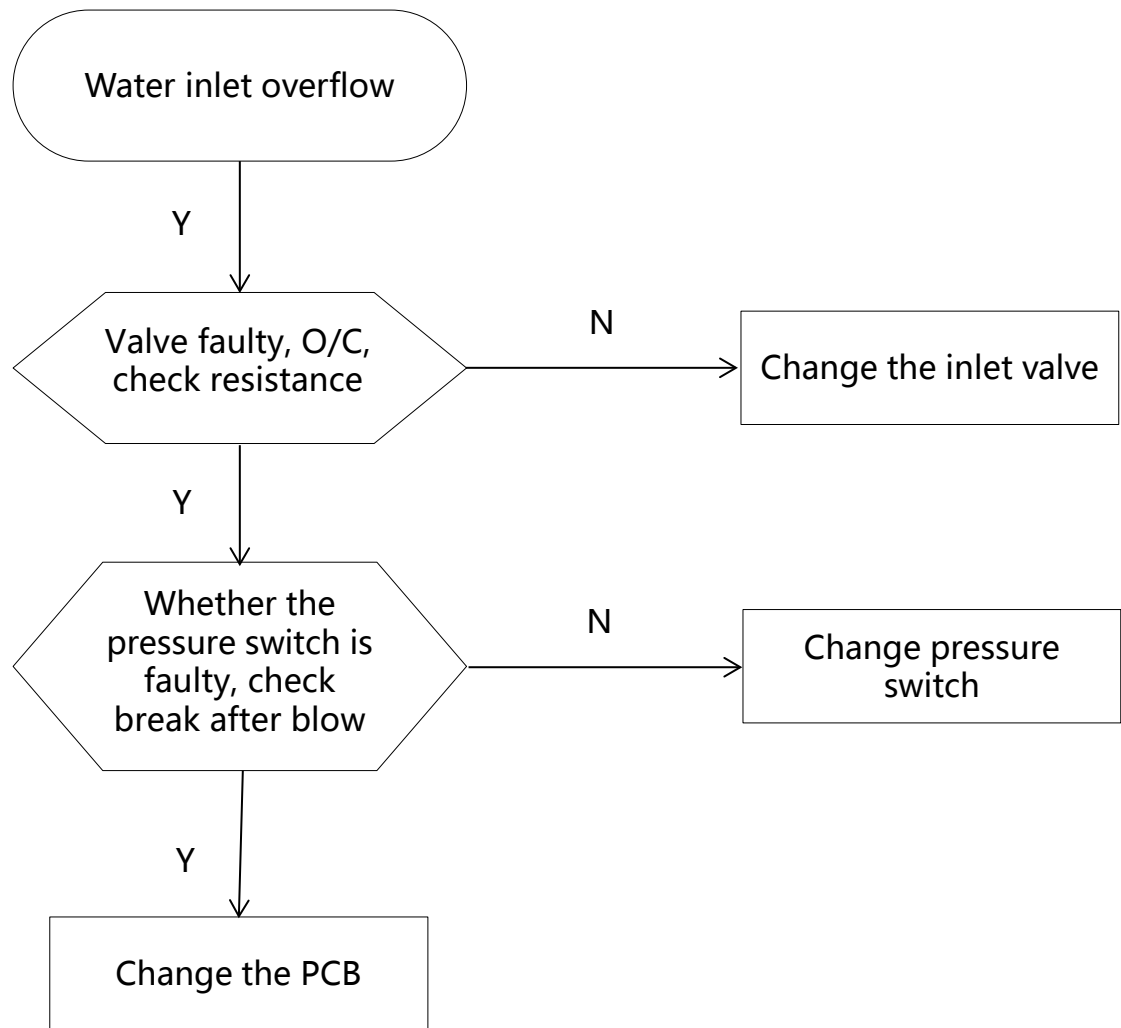
7 TROUBLE SHOOTING

5. Maintenance of non-drain or drain exceed the setting time



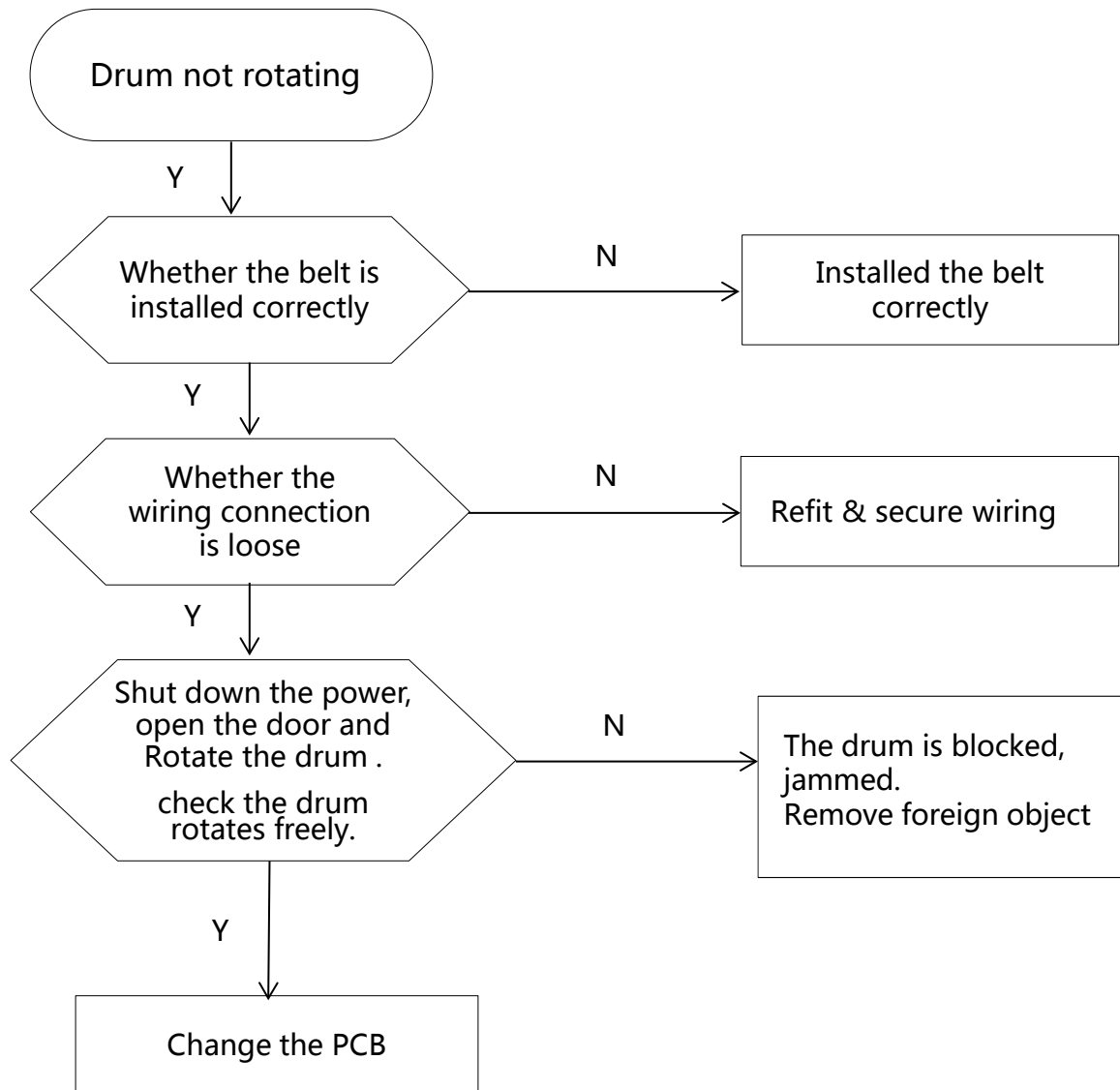
7 TROUBLE SHOOTING

6. Water inlet overflow malfunction maintenance



7 TROUBLE SHOOTING

7. Drum not rotating malfunction maintenance



7 TROUBLE SHOOTING

Problem and solution






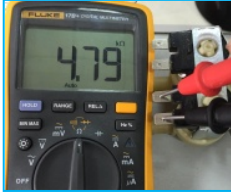







Problem	Solution
The washing machine does not work	Close the washing machine's door. Check power supply.
Water leakage	Correctly connect the inlet water pipe. Check plumbing & door seal.
The speed of the clothes is abnormal	Reload and distribute the laundry evenly in the drum.
There is the peculiar smell in the washing machine	Run a Self clean(Drum clean) cycle without any clothes.
No water is visible in the drum	No fault-water is under the visible area.
There is the water remaining in the softener's box	No fault- the effect of the softener will not be affected. Clean soap box & drawer.
The washing machine does not fill	Open the water tap. Check the selection of the procedure. Check the water pressure to see if the water pressure is insufficient. Close the washing machine's door. Check it the inlet water pipe is kinked or blocked.
The washing machine fills and empties at the same time.	Check drainage/syphoning.
No drainage of the washing machine	Check if the drainage pump or filter is blocked. Check if the drainage pipe is bent or blocked. Check drainage/syphoning. Check drain spout blanking end has been removed on plumbing.

7 TROUBLE SHOOTING

Vibration of the washing machine	Level the washing machine & lock feet. Check if the internal packing for the transportation have all been removed. Remove transit bolts and spacers.
Leaking from soap drawer	Check if the detergent is excessive, if it is the detergent for the cylinder washing machine. Reduce the usage amount of the detergent in the next times wash. Soap box blocked.
The machine stops when the procedure has not been finished	Power failure or water cut. Check power supply/fuse.
<p>If you cannot solve the above abnormal situations, would you please:</p> <ol style="list-style-type: none">1. To turn the procedure knob to 【OFF】 , pull out the attachment plug;2. To close the water tap, and contact the nearest service center.	

8 COMPONENT DATA

Before repairing, use multimeter to judge circuit stand of fail (Inverter Motor-8/10KG)

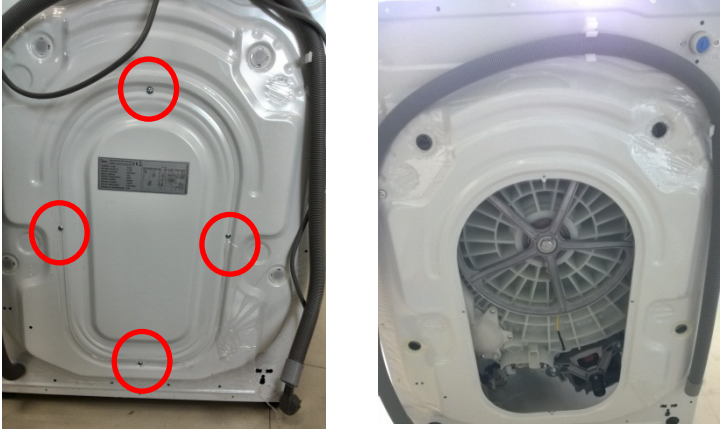
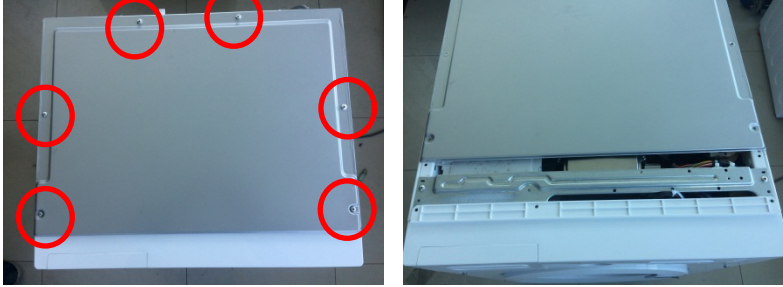
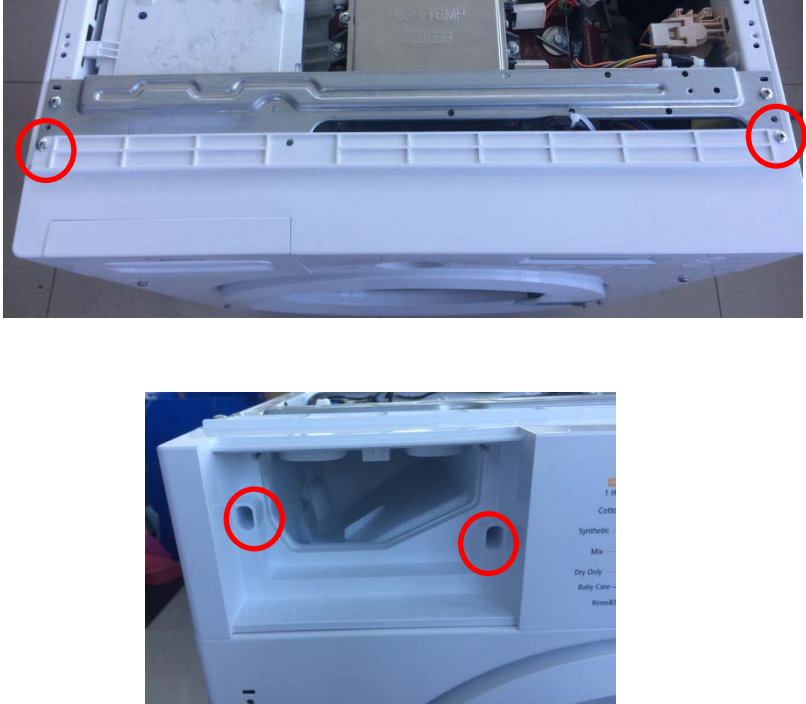
No	Parts	Picture	Test Description	Parameter	Remarks
1	Water Level Switch		1.Measuring two straight line terminals 2.Measuring two vertical terminals	Break over after blow- PASS	
2	Door lock		Electrify the resistance	2 seconds after the power supply can automatically locked 1-2 mins after the power off can automatically locked- PASS	
3	Water valve		measuring resistance	Resistance value range 3-6K Ω - PASS	
4	Pump		Measure the resistance of the toroids	Resistance value range 150-250 Ω - PASS	
5	Heater		measuring resistance	Resistance value range 20-35 Ω - PASS	
6	NTC		measuring resistance	Resistance value range 4.8k Ω \pm 8% $\text{@}25^{\circ}\text{C}$ 0- PASS	
6	Motor		Measure the resistance of the toroids	Resistance value range PIN5~PIN10 1.3 \pm 10% Ω - PASS	

9 DISASSEMBLY COMPONENT LOCATION

DISASSEMBLY COMPONENT LOCATION

1. Undo the back cover
2. Undo top cover
3. Undo the control panel and PCB
4. Undo the door assembly
5. Undo the front plate
6. Undo the detergent box
7. Undo the inlet valve
8. Undo the pressure switch
9. Undo the drain pump
10. Undo the pulley and motor
11. Undo the absorber pin from the cabinet
12. Undo the drum tub assembly
13. Undo the absorber pin from the drum
14. Undo the heater and NTC

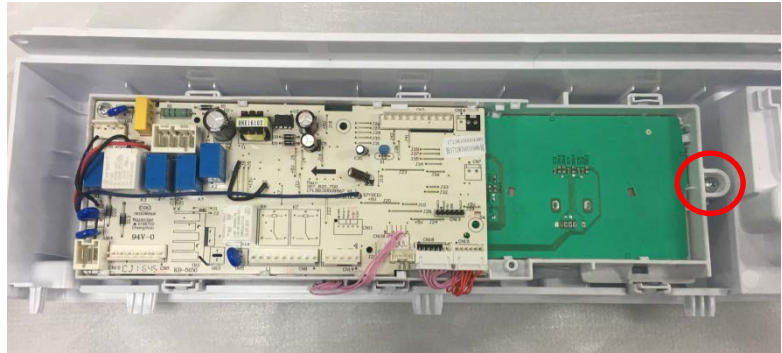
9 DISASSEMBLY COMPONENT LOCATION

Operation	Picture
<p>1. Undo the rear cover</p> <p>I. Undo the 4 screws between the rear plate and the cabinet, and then pull it out.</p>	
<p>2. Undo the top cover</p> <p>I. Undo 6 screws fit back Cabinet.</p> <p>II. Push back the top cover 15mm until it leaves away from the control panel, and then take it down.</p>	
<p>3. Undo the control panel</p> <p>I. Remove the top cover plate.</p> <p>II. Draw out the detergent drawer.</p> <p>III. Loosen 2 screws on the control panel.</p> <p>IV. Loosen 2 screws on the control panel.</p> <p>V. Tilt the control panel and take it out.</p>	

9 DISASSEMBLY COMPONENT LOCATION

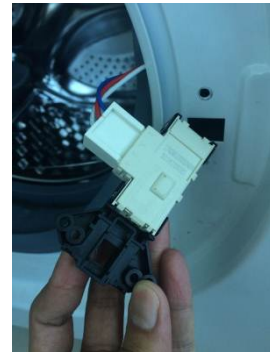
4. Undo the PCB

- I. Remove the control panel assembly.
- II. Remove 3 screws between the control panel and the PCB housing.
- III. Remove the PCB.



5. Undo the door lock

- I. Open the door of the washing machine.
- II. Pull open the door gasket.
- III. Remove 2 screws on the door lock.
- IV. Take out the door lock and draw out the plug.



6. Undo the front panel

- I. Remove the top cover plate and the control panel.
- II. Remove the screw on the service plate box.
- III. Undo 5 screws on the front panel.
- IV. Remove the outer gasket clamp between the door gasket and the front plate.
- V. Take off the front plate.



7. Undo the lower counterweight

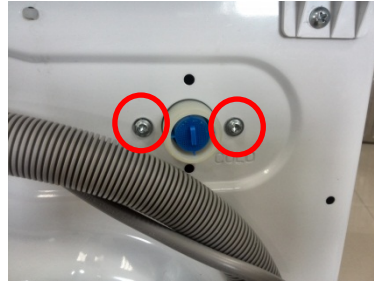
- I. Remove the front panel.
- II. Remove 4 screws and pull out the lower counterweight.



9 DISASSEMBLY COMPONENT LOCATION

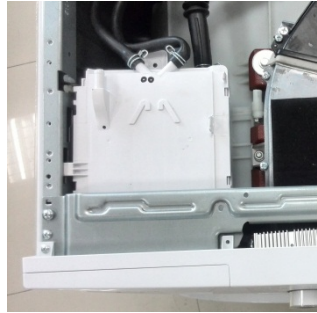
8. Undo the inlet valve

- I. Remove the top cover plate.
- II. Unplug connector and undo 2 screws between cabinet and inlet valve.
- III. Release the clamp fixing the inlet valve and the inlet hose, and then pull out the inlet hose.



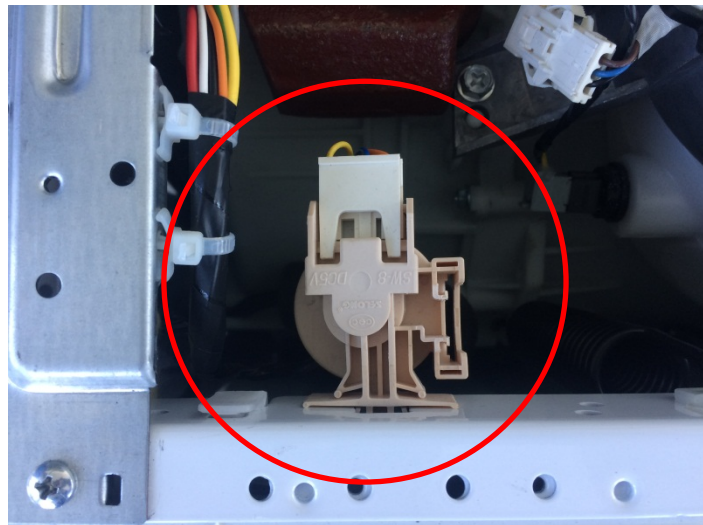
9. Undo the detergent box

- I. Remove the control panel.
- II. Release the hose clamp and pull out the inlet hose.
- III. Release the hose clamp and pull out the detergent box hose, and then take out the detergent box.



10. Undo the water level sensor

- I. Remove the top cover plate.
- II. Pull out the plug on the water level sensor.
- III. Loosen the water level sensor hose clamp and pull out the hose from the water level sensor.
- IV. Rotate the water level sensor anticlockwise by 90°, and then pull out the water level sensor.



9 DISASSEMBLY COMPONENT LOCATION

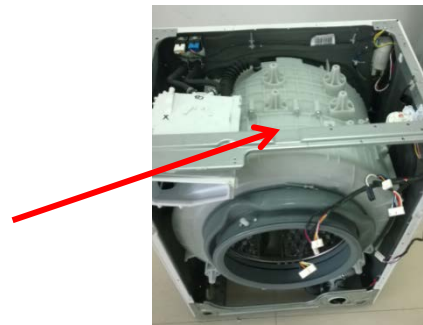
11. Undo the gasket

- I. Undo the top cover, control panel, door lock, front panel.
- II. Undo 2 screws on clip spring.
- III. Loosen the inner gasket clamp between the door seal and the front of the outer tub.
- IV. Put the head of tunnel assemble up, then take off the gasket.



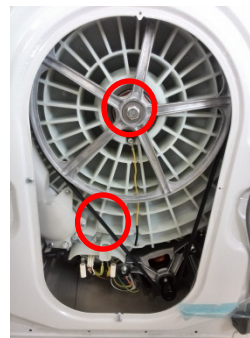
12. Undo the top bracket

- I. Remove the control panel.
- II. Remove 4 screws fixing the top bracket, and then remove it.



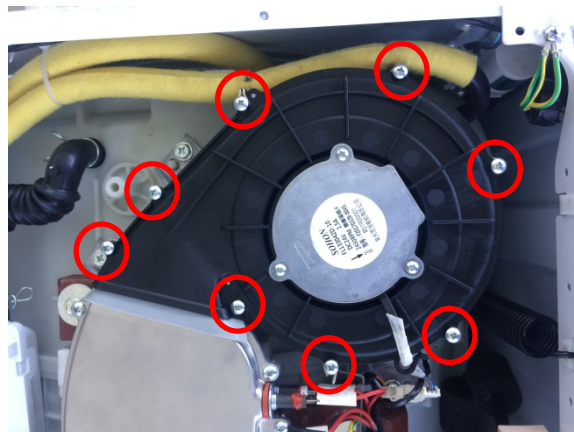
13. Undo the pulley

- I. Undo the back cover.
- II. Rotate the pulley and at the same time pull out the belt.
- III. Remove the screw on the pulley and then take down the pulley.



14. Undo the fan motor

- I. Undo 8 screws on the fan flange assembly and then take it down.



9 DISASSEMBLY COMPONENT LOCATION

15. Undo the filter of drain

- I. Open the lint filter door.
- II. Rotate the filter knob anticlockwise, and then pull out the filter.



16. Undo the drain pump

- I. Undo the front panel.
- II. Remove 4 screws, unplug connector, nip out the clamp between the drain hose and the drain pump, and then pull out the drain hose.



17. Undo the heater

- I. Remove the rear cover.
- II. Remove the bolt and pull out the heater plug.



18. Undo the NTC

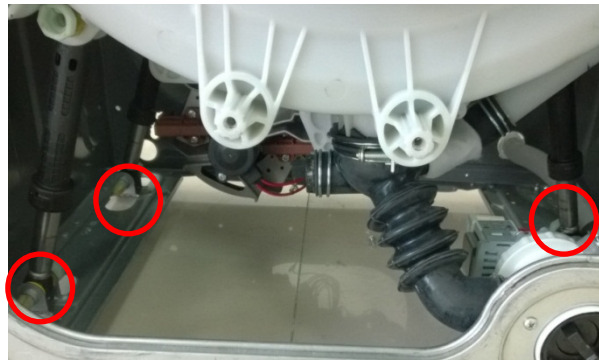
- I. Undo the heater.
- II. Undo the NTC with special tools.



9 DISASSEMBLY COMPONENT LOCATION

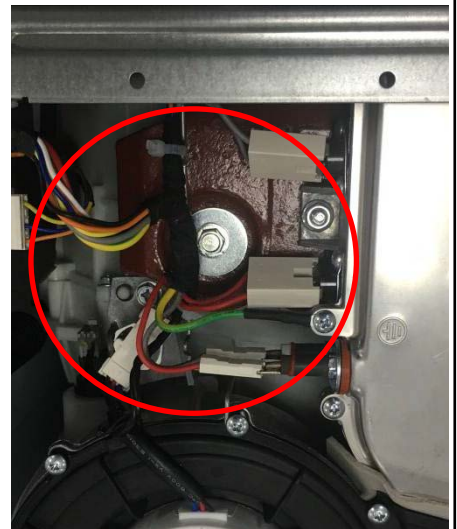
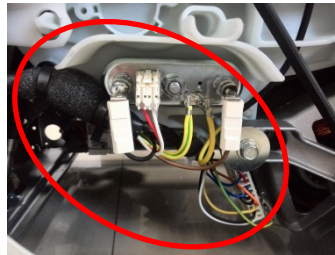
19. Undo the absorber pin

I. Undo the front panel.
II. Use pliers to pinch the absorber pin's and knock the absorber pin out from back lightly; in the same way, remove the other two.



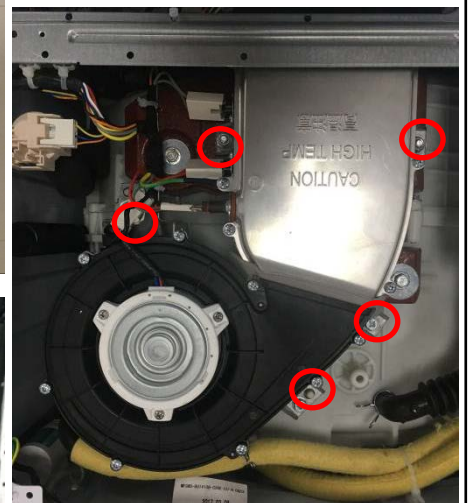
20. Undo the tub assembly

I. Undo the rear cover, top cover, control panel, front panel, top bracket, lower counterweight, detergent box, the absorber pin, water level sensor.
II. Undo all connection between tub assemble and cabinet assemble.
III. Push the rest down to front slowly and carefully.
IV. Take off the cabinet from the tub assemble carefully.



21. Undo the condenser assembly

I. Remove lid.
II. Remove 2 screws on the clip spring.
III. Undo 5 screws on fan ducting.
IV. Undo 6 screws on the condenser.
V. Undo the clamp and then remove condenser.



9 DISASSEMBLY COMPONENT LOCATION

22. Undo the upper counterweight

- I. Remove lid.
- II. Remove two screws fit on the upper counterweight and then pull out the upper counterweight.



23. Undo the motor

- I. Disconnect motor wires and grounding wire.
- II. Use spanner to remove the motor screws and remove motor.



24. Undo the rear tub assembly

- I. Remove the motor
- II. Pull out the heater.
- III. Remove the belt.
- IV. Remove the screws fixing the pulley, and then take out the pulley.
- V. Remove the screws fixing the front and rear tub, and then remove the tub.
- VI. Remove the inner drum kit.



9 DISASSEMBLY COMPONENT LOCATION

26. Undo the door glass

- I. Open the door, remove 2 screws fixing the hinge and the front panel, and then remove the door.
- II. Remove 11 screws on the inner door.
- III. Undo the outer door and the inner door with special tool.



10 SERVICE TOOLS



Number	Tools	Suitable kit
1	Sleeve spanner	Heater 1
		Motor 1 counterweight 5
		Drum tub assembly
		Strap screw
2	Spanner	Adjust pulley screw leg and undo transport bolts
3	Pliers and pinchers	Assembling or auxiliary function
4	Other tools(screwdriver, pliers and so on)	Common service tools