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WASHING MACHINE SERVICE MANUAL

▲ CAUTION

READ THIS MANUAL CAREFULLY TO DIAGNOSE
PROBLEMS CORRECTLY BEFORE SERVICING THE UNIT.

MODEL: WM2250CW

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1. SPECIFICATIONS

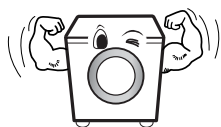
ITEM		WM2250CW
COLOR		W:BLUE WHITE, R:CANDY APPLE RED
POWER SUPPLY		AC 120 V, 60 Hz
PRODUCT WEIGHT		190lb (86kg)
ELECTRIC POWER CONSUMPTION	WASHING	280 W
	DRAIN MOTOR	80 W
	WASH HEATER	1000 W
REVOLUTION SPEED	WASH	46 rpm
	SPIN	0-1200 rpm
CYCLES		9
WASH/RINSE TEMPERATURES		5
SPIN SPEEDS		5
OPTIONS		Prewash, Rinse+Spin, Extra Rinse, Water Plus, Delay Wash, COLDWASH™
WATER CIRCULATION		—
OPERATIONAL WATER PRESSURE		14.5 — 116 psi (100-800 kPa)
CONTROL TYPE		Electronic
DIMENSIONS		27" (W) X 29 3/4" (D) X 38 11/16" (H), 50 13/16" (D, door open)
DELAY WASH		up to 19 hours
DOOR SWITCH TYPE		PTC + Solenoid
WATER LEVEL		10 steps (by sensor)
LAUNDRY LOAD SENSING		Incorporated
ERROR DIAGNOSIS		Incorporated
AUTO POWER OFF		Incorporated
CHILD LOCK		Incorporated
RLM ENABLE		—
STEAM		—

⚠ WARNING:

To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long sleeved gloves and safety glasses. Failure to follow all of the safety warnings in this manual could result in property damage, injury to persons or death.

2. FEATURES & TECHNICAL EXPLANATION

2-1. FEATURES



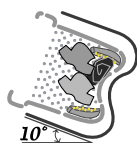
■ Ultra Capacity

The Larger drum enables not just higher head drop and stronger centrifugal force, but also less tangling and wrinkling of the laundry. Heavier loads, such as king size comforters, blankets, and curtains, can be washed.



■ Direct Drive System

The advanced Brushless DC motor directly drives the drum without belt and pulley.



■ Tilted Drum and Extra Large Door Opening

Tilted drum and extra large opening make it possible to load and unload clothing more easily.



■ Automatic Wash Load Detection

Automatically detects the load and optimizes the washing time.



■ Built-in Heater

Internal heater helps to maintain water temperature at its optimum level for selected cycles.

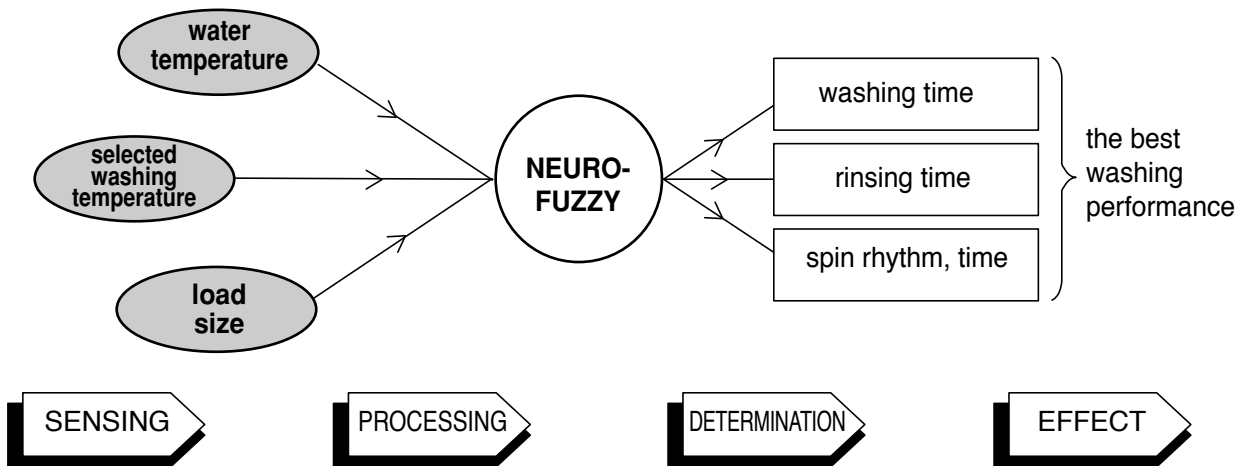


■ Child Lock

The Child lock prevents children from pressing any button to change the settings during operation.

2-2. NEURO FUZZY WASHING TIME OPTIMIZATION

To get the best washing performance, optimal time is determined by the water temperature, the selected washing temperature, and the size of the load.



2-3. WATER LEVEL CONTROL

- This model incorporates a pressure sensor which can sense the water level in the tub.
- The water supply is stopped when the water level reaches the preset level, the washing program then proceeds.
- Spinning does not proceed until the water in the tub drains to a certain level.

2-4. DOOR CONTROL

- The door can be opened by pulling the door handle whenever washer is not in operation.
- When the cycle is completed, the DOOR LOCKED light will turn off.
- If a power failure has occurred while in operation, the door will unlock after 5 minutes.
- Clicking sounds can be heard when the door is locked/unlocked.

2-5. THE DOOR CAN NOT BE OPENED

- While program is operating
- When a power failed and power plug is taken out in operation
- While Door Lock lights turn on.
- While the motor is in the process of inertial rotating, through the operation is paused.

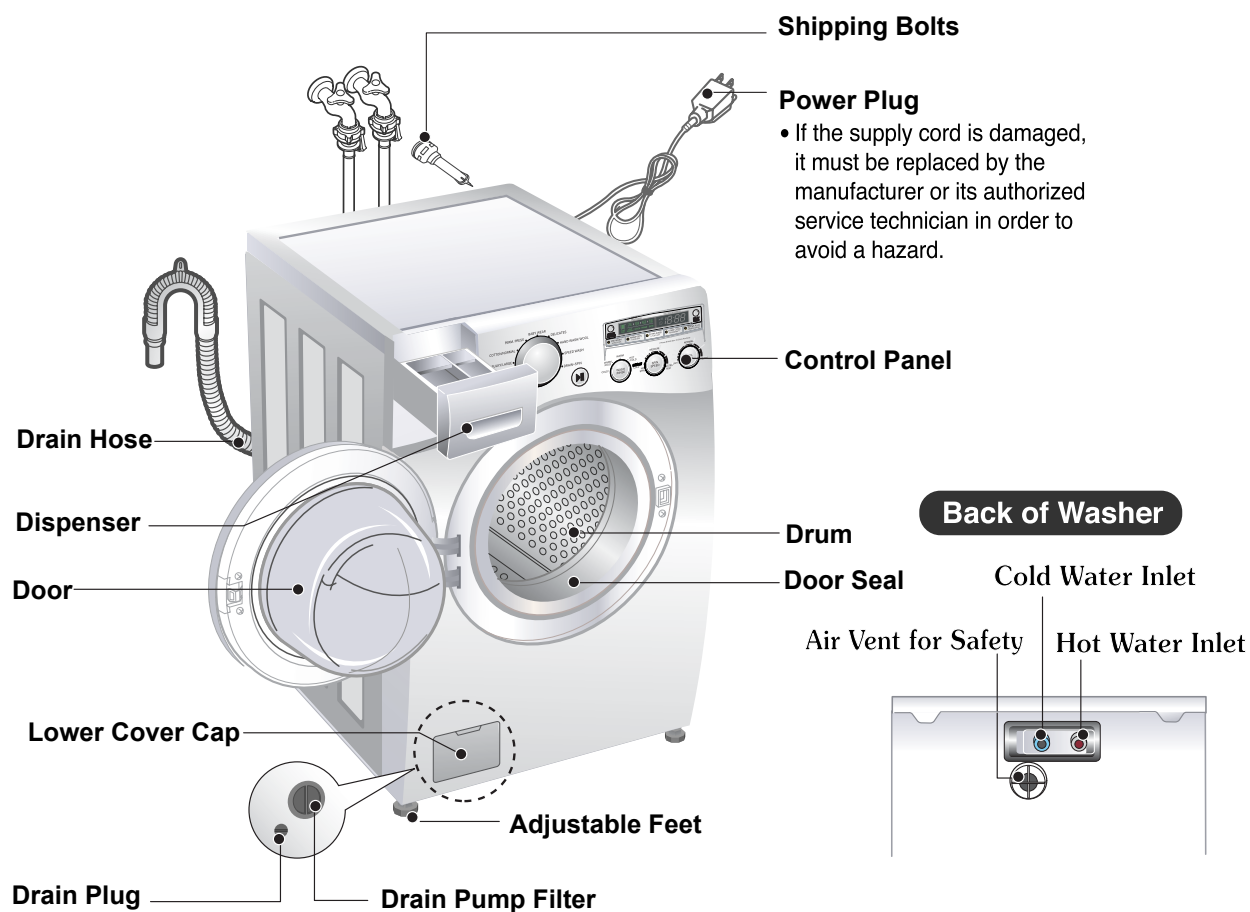
2-6. DOOR LOCKED LAMP LIGHTS

- When the frequency of water level is lower than 22.9 kHz
(It can be canceled when the frequency is more than 23.8 kHz)
- When the temperature inside the tub is higher than 45 °C and water level is not 25.5 kHz
(It can be canceled when the water level is 25.5 kHz or the temperature inside the tub is lower than 40 °C)

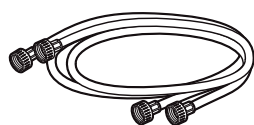
2-7. CHILD LOCK

- Use this option to prevent unwanted use of the washer. Press and hold PRE WASH button for 3 seconds to lock/unlock control.
- When Child lock is set, CHILD LOCK Indicator lights and all buttons. You can lock the washer while it is operating.

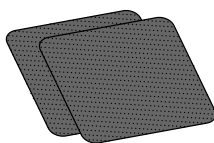
3. PARTS IDENTIFICATION



■ ACCESSORIES



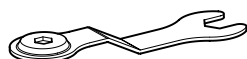
Hot and Cold Water Hoses



Non-skid pads



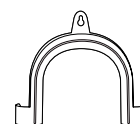
Caps (4)
(for covering shipping bolt holes)



Wrench
(for removing shipping bolts and adjusting and locking leveling feet)



Tie Strap
(for securing drain hose)



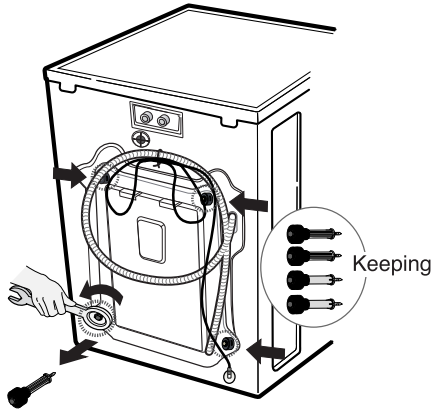
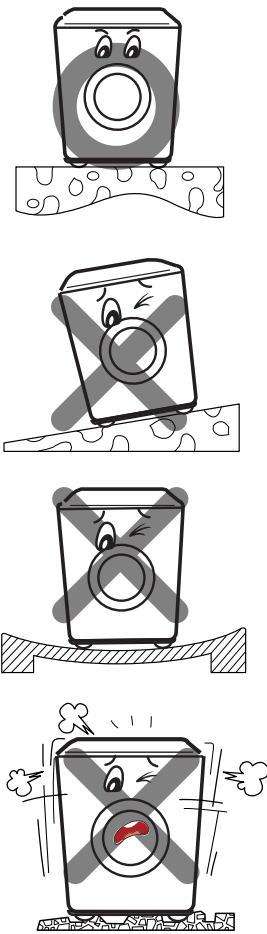
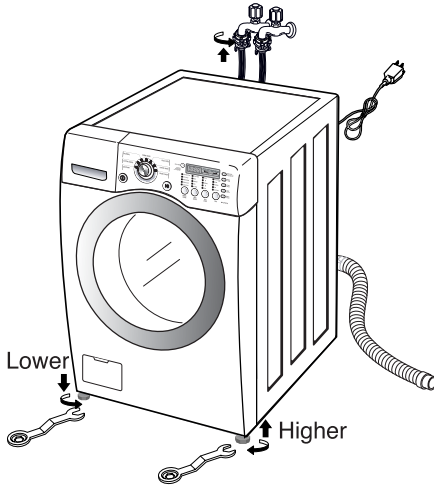
Elbow Bracket
(for securing drain hose)

4. INSTALLATION & TEST

- ❶ Before servicing, ask the customer what the trouble is.
- ❷ Check the setup (power supply is 120 V AC, remove the transit bolts....).
- ❸ Check with the troubleshooting guide.
- ❹ Plan your service method by referring to the disassembly instructions.
- ❺ Service the unit.
- ❻ After servicing, operate the appliance to see whether it functions correctly.

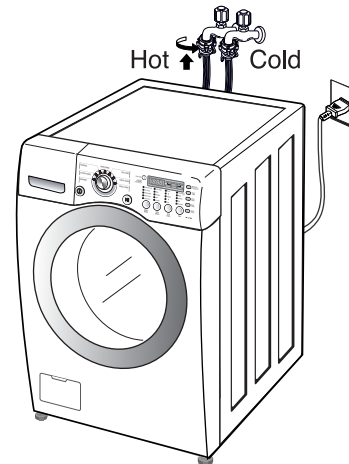
■ STANDARD INSTALLATION

The appliance should be installed as follows:

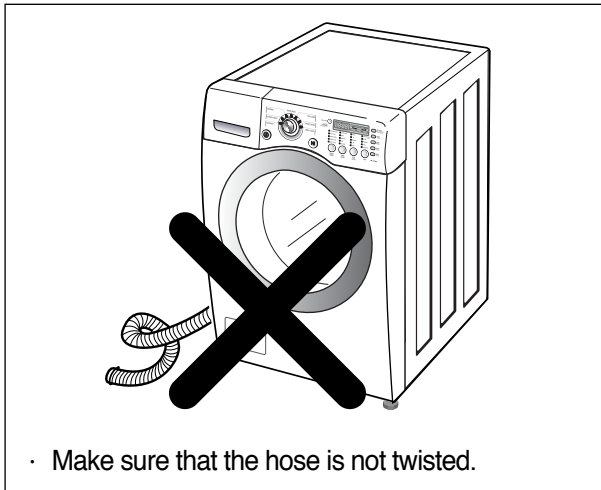
REMOVE THE SHIPPING BOLTS	INSTALL THE APPLIANCE ON A FLAT AND FIRM SURFACE	ADJUST THE LEVELING
<ul style="list-style-type: none"> Remove the 4 shipping bolts with the supplied wrench. ※ Do first lower side to remove easily. Keep the shipping bolts and spanner for future use. Insert the 4 caps (provided) into the hole. 		<ul style="list-style-type: none"> Turn the leveling feet to adjust the appliance.  <ul style="list-style-type: none"> Turn clockwise to raise; counterclockwise to lower.

■ HOW TO CONNECT THE INLET HOSE

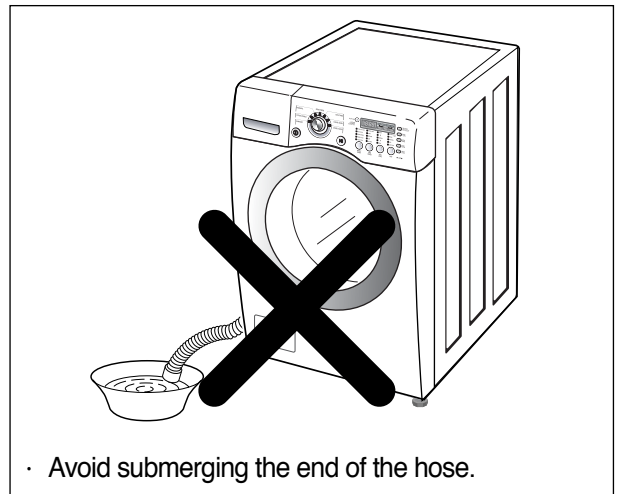
- Verify that the rubber washer is inside of the valve connector.
- Tighten the inlet hose securely to prevent leaks.



■ CONNECT THE DRAIN HOSE



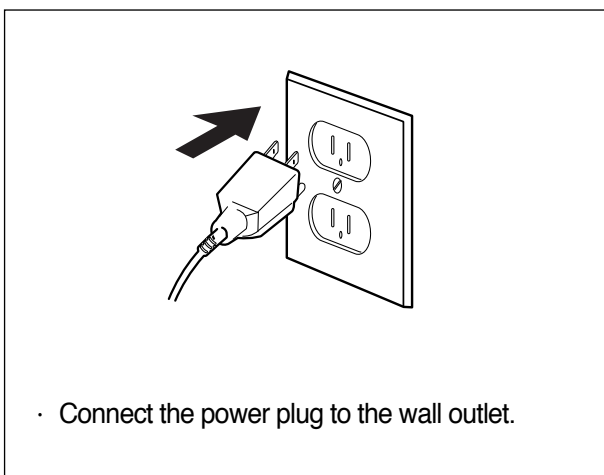
- Make sure that the hose is not twisted.



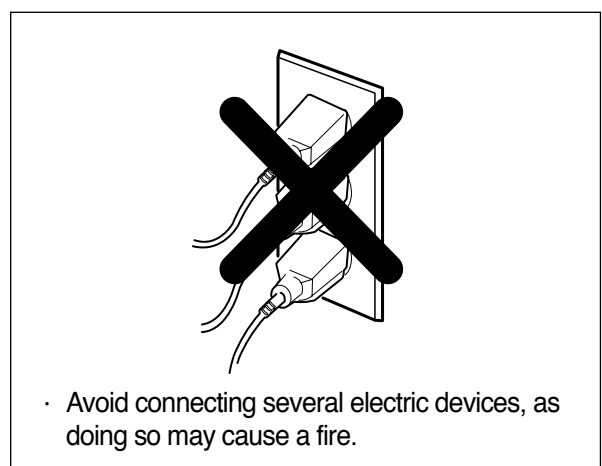
- Avoid submerging the end of the hose.

※ The end of the drain hose should be placed less than 96" from the floor.

■ CONNECT POWER PLUG

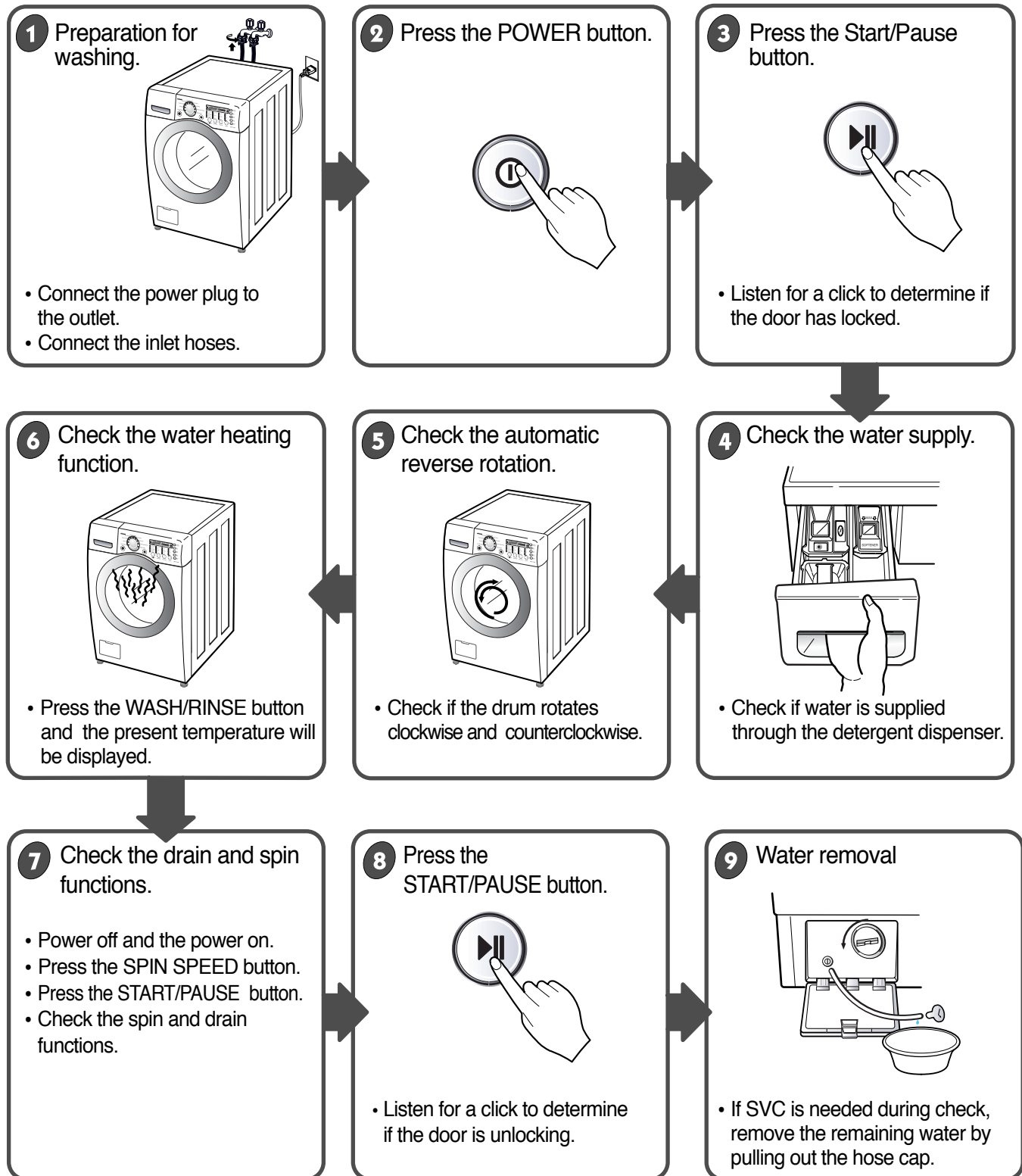


- Connect the power plug to the wall outlet.



- Avoid connecting several electric devices, as doing so may cause a fire.

7 TEST OPERATION



5. OPERATION

- WM2350H*



5. OPERATION


CUSTOM PROGRAM, COLDWASH™

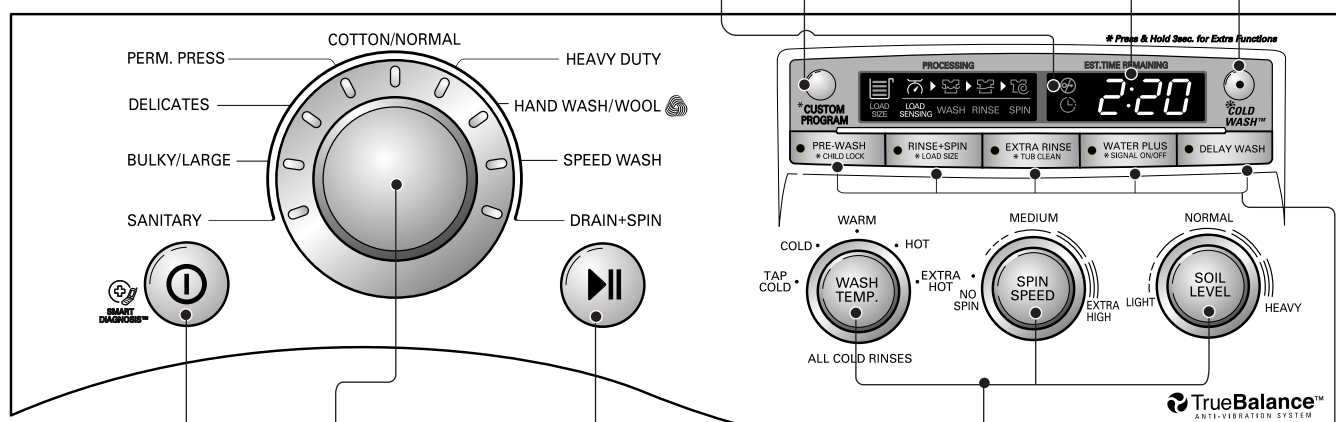
- CUSTOM PROGRAM allows you to store a customized wash cycle for future use.
- COLDWASH™ : Use this function to wash without hot water and heating.

EST. TIME REMAINING

- This display shows:
 - a) the estimated time remaining in the cycle when operation.
 - b) an error code when an error has been detected.

DOOR LOCKED lamp

- Light whenever the door of the washer is locked.
- The door can be unlocked by pressing the **Start/Pause** button  to stop the washer.



POWER button

- Use this button to turn power **On/Off**.

START/PAUSE button

- Use this button to **start/stop** the washer.

OPTION button

- **Prewash:** Use this option for loads that need pretreatment. It adds 16 minutes prewash and drain.
- **Rinse + Spin:** Use this option to rinse and then spin.
- **EXTRA RINSE:** Select this option to rinse and spin a load separately from a regular cycle.
- **WATER PLUS:** Select this option to add extra water to the wash and rinse cycles for superior results, especially with large or bulky items.
- **DELAY WASH:** Once you have selected the cycle and other settings, press this button to delay the start of the wash cycle.

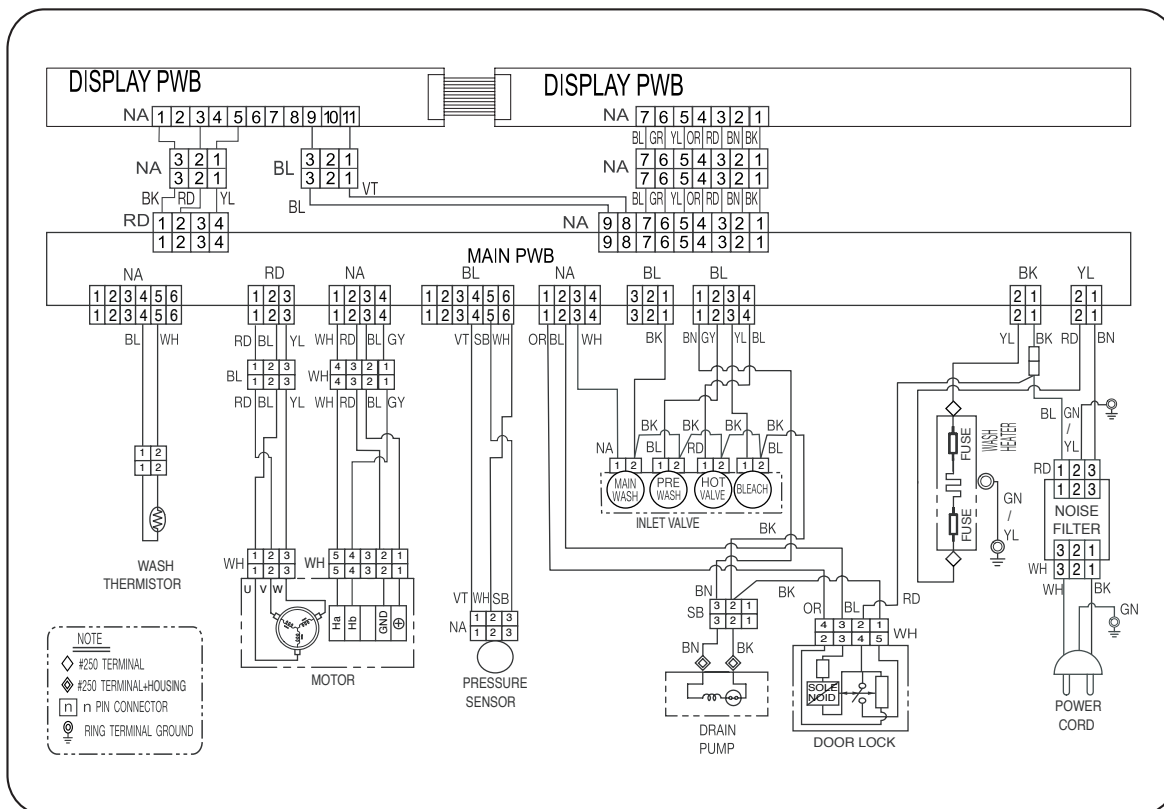
CYCLE SELECTOR

- Rotate the cycle selector knob to select the cycle designed for different types of fabric and soil level.

Wash/temp., Spin speed, Soil Level

- Select a water temperature based on the type of load you are washing.
- To change the spin speed, press the Spin Speed button repeatedly to cycle through available options.
- To change the soil level, press the Soil Level button repeatedly until the desired setting is on.

6. WIRING DIAGRAM/PROGRAM CHART



PROGRAM CHART

* Water Supply: W-S

* Intermittent Spin: I-S

* Disentangle: D-T

COURSE STEP Time (SEC)	Wash										Rinse																Spin			A U T O O F F	**Approx. Working Time (Minutes)
	Pre				Main				Normal								Extra or Stain				Extra & Stain				Drain	Spin	D I T				
	W I S	Wash	Drain	I S	W I S	Wash Heat	Wash	Cool-down		1				2				3				3									
								W I S	Rinse	Drain	Drain	I S	W I S	Rinse	Drain	I S	W I S	Rinse	Drain	I S	W I S	Rinse	Drain	I S				W I S	Rinse		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	20	20	
60	*	60	300	60	*	60	60	60	60	60	360	60	240	60	360	60	240	60	300	60	240	60	300	60	240	60	360 ~ 660	60 ~ 180	20	20	
Sanitary	8					60																								98	
Cotton /Normal	8					67																								51	
Bulky /Large	8					20																								57	
Perm Press	8					25																								55	
Delicates	8					18																								40	
Baby Wear						14																								111	
Hand Wash /Wool						70																								40	
Speed Wash						14																								20	
Drain+Spin						8																								13	
Wash + Rinse	8																														
Rinse + Spin						19																								18	

Basic Cycle
Optional Cycle
Pre-Setting Time : Water Supply - 60 sec.
Drain - 60 sec.

* Wash time is in minutes.

** The total working time will vary with the load size, water temperature and ambient temperature.

7. TROUBLESHOOTING

7-1. BEFORE PERFORMING SERVICE

- Be careful of electric shock when disconnecting parts while troubleshooting.
- The voltage of each terminal is 120 V AC and DC when the unit is plugged in.

7-2. QC TEST MODE.

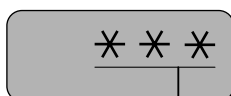
The washer must be empty and the controls must be in the off state.

1. Press the WASH/RINSE and SPIN SPEED buttons simultaneously.
2. Press the Power (⏻) button, while the above condition. Then buzzer will sound twice.
3. Press the Start/Pause (⏸) button repeatedly to cycle through the test modes.

Number of times the Start/Pause button is pressed	Check Poin	Display Status
None	Turns on all lamps and locks the door.	
1 time	Tumble clockwise.	rpm (42~50)
2 times	Low speed Spin.	rpm (55~65)
3 times	High speed Spin.	rpm (105~115)
4 times	Inlet valve for prewash turns on.	Water level frequency (225~265)
5 times	Inlet valve for main wash turns on.	Water level frequency (225~265)
6 times	Inlet valve for hot water turns on.	Water level frequency (225~265)
7 times	Inlet valve for bleach turns on.	Water level frequency(225~265)
8 times	Tumble counterclockwise.	rpm (42~50)
9 times	Water Temperature (Thermistor)	Water Temperature [°C]
10 times	Drain pump turns on.	Water level frequency (225~265)
11 times	Off	

7-3. HOW TO CHECK THE WATER LEVEL FREQUENCY

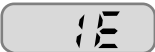




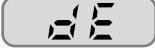

- Press the **CUSTOM PROGRAM** and **PRE-WASH** buttons simultaneously.






- The digits indicate the water level frequency.
A display indicating 41 means a water level frequency of 24.1 kHz.

7-4. ERROR DISPLAY

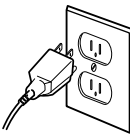
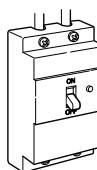


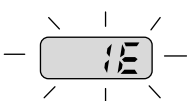
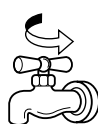


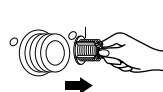
- If you press the START/PAUSE button when an error is displayed, any error except 『PE』 will disappear and the machine will go into the pause status.
- In case of 『PE』, 『UE』, 『DE』 if the error is not resolved within 20 sec., or the in case of other errors, if the error is not resolved within 4 min., power will be turned off automatically and the error code will blink. But in the case of 『FE』, power will not be turned off.




	ERROR	SYMPTOM	CAUSE
1	WATER INLET ERROR		<ul style="list-style-type: none"> • Correct water level (246) is not reached within 8 minutes after water is supplied or it does not reach the preset water level within 25 minutes.
2	IMBALANCE ERROR		<ul style="list-style-type: none"> • The load is too small. • The appliance is tilted. • Laundry is gathered to one side. • Non distributable things are put into the drum.
3	DRAIN ERROR		<ul style="list-style-type: none"> • Not fully drained within 10 minutes.
4	OVER FLOW ERROR		<ul style="list-style-type: none"> • Water is overflowing (water level frequency is over 213). ※ If 『FE』 is displayed, the drain pump will operate to drain the water automatically.
5	PRESSURE SENSOR ERROR		<ul style="list-style-type: none"> • The SENSOR SWITCH ASSEMBLY is out of order.
6	DOOR OPEN ERROR		<ul style="list-style-type: none"> • Door not all the way closed. • Loose electrical connections at Door switch and PWB Assembly. • The DOOR SWITCH ASSEMBLY is out of order.
7	HEATING ERROR		<ul style="list-style-type: none"> • The THERMISTOR is out order.


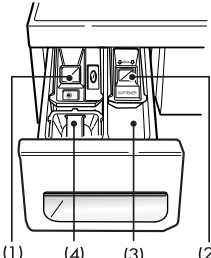
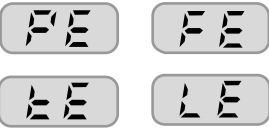
	ERROR	SYMPTOM	CAUSE
8	LOCKED MOTOR ERROR		<ul style="list-style-type: none"> • The connector (3-pin, male, white) in the MOTOR HARNESS is not connected to the connector (3-pin, female, white) of STATOR ASSEMBLY. • The electric contact between the connectors (3-pin, male, white) in the MOTOR HARNESS and 4-pin, female, white connector in the MAIN PWB ASSEMBLY is bad or unstable. • The MOTOR HARNESS between the STATOR ASSEMBLY and MAIN PWB ASSEMBLY is cut (open circuited). • The hall sensor is out of order/defective.
9	EEPROM ERROR		<ul style="list-style-type: none"> • EEPROM is out of order. ※ Displayed only when the START/PAUSE button is first pressed in the QC Test Mode.
10	POWER FAILURE		<ul style="list-style-type: none"> • The washer experienced a power failure.

8. ERROR DIAGNOSIS AND CHECK LIST

8-1. DIAGNOSIS AND SOLUTION FOR ABNORMAL OPERATION

SYMPTOM	GUIDE FOR SERVICE CALL
No power	<div> <p>Is the power plug connected firmly to 120 V AC outlet?</p> <p>YES</p> <p>Power failure? or Breaker opened? Is the outlet controlled by a switch?</p> <p>NO</p> <p>Visit to service.</p> </div> <div>   </div>
Water inlet trouble 	<div> <p>Is  displayed?</p> <p>YES</p> <p>Is the tap opened?</p> <p>YES</p> <p>Is the tap frozen?</p> <p>NO</p> <p>Is the water supply shut-off?</p> <p>NO</p> <p>Is filter in the inlet valve clogged with foreign material?</p> <p>YES → Clean the filter of inlet valve</p> <p>NO</p> <p>Visit to service.</p> </div> <div>      </div>

SYMPTOM	GUIDE FOR SERVICE CALL
<p>Door error</p> 	<div> <div> <p>Started with door opened?</p> <p>YES → </p></div> <p>NO ↓</p> <div> <p>Was the load too large?</p> <p>YES → Avoid overloading.</p> <p>NO ↓</p> <div> <p>Clicking sound is heard once or twice, when the START/PAUSE button is pressed to start the cycle?</p> <p>NO ↓</p> <div> <p>Visit to service.</p> <p>Check if the door switch is OK.</p> </div> </div> </div> </div> <div> <p>Close the door.</p>  </div>

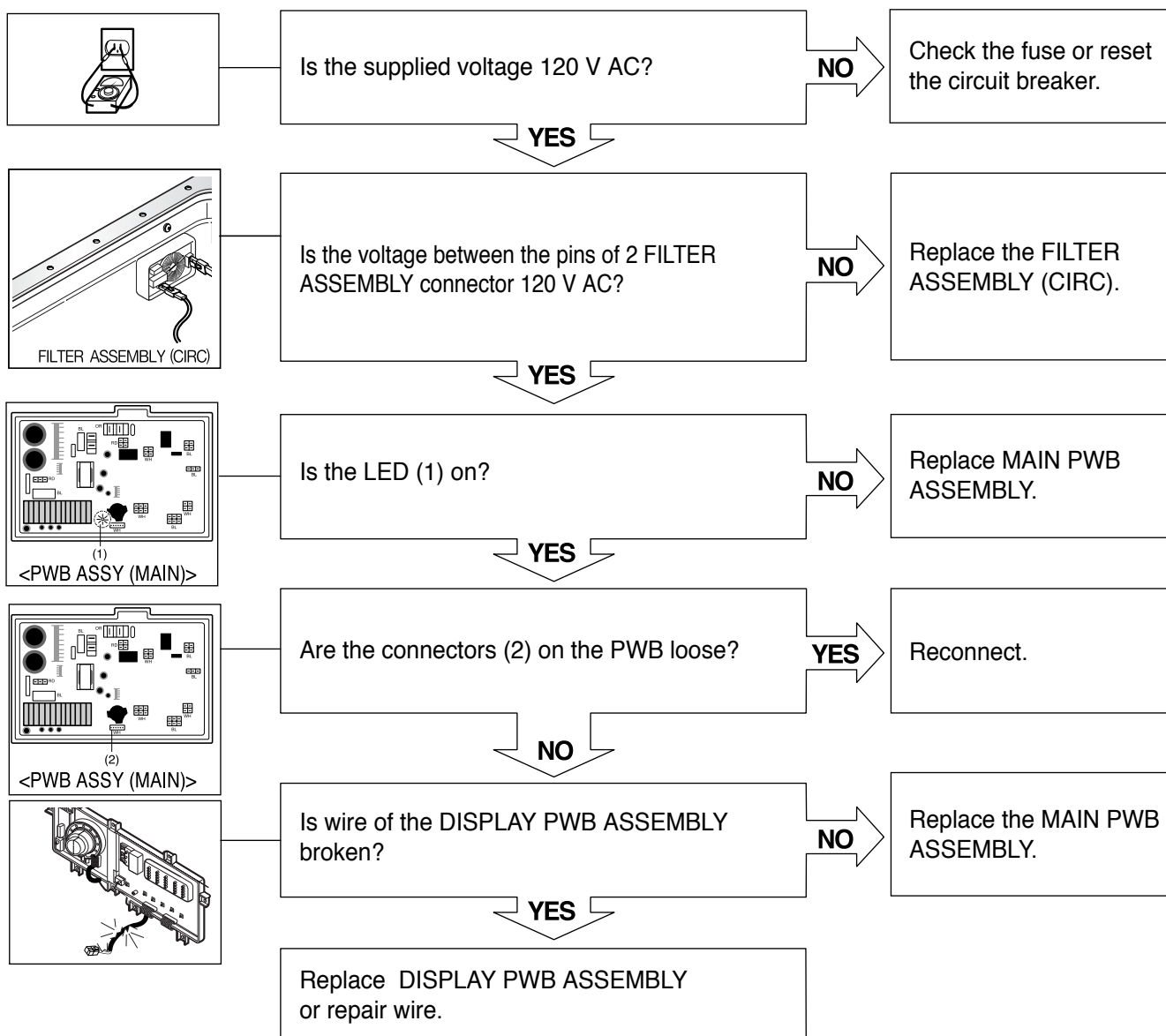
SYMPTOM	GUIDE FOR SERVICE CALL
<p>Suds overflow from the appliance. (In this condition, wash and spin do not operate normally)</p>	<div data-bbox="584 392 1141 492">Is a HE (High Efficiency) detergent used?</div> <div data-bbox="792 488 930 544">YES</div> <div data-bbox="584 548 1141 649">Is the proper amount of detergent used as recommended?</div> <div data-bbox="792 645 930 701">YES</div> <div data-bbox="584 694 1141 795">Recommend to reduce the amount of detergent.</div> <div data-bbox="630 817 1352 981"> <ul style="list-style-type: none"> * This appliance has an automatic suds sensing function which prevents overflow. * When excessive suds are sensed, the suds removing implementations such as drain, water input, pause will operate, without rotating the drum. </div> <div data-bbox="1222 421 1360 521">  </div>
<p>Liquid laundry products do not flow in.</p>	<div data-bbox="584 1070 1141 1171">Is liquid laundry product put in the correct compartment of the dispenser?</div> <div data-bbox="792 1167 930 1335">YES</div> <div data-bbox="584 1339 1141 1417">Is the cap clogged?</div> <div data-bbox="792 1413 930 1469">YES</div> <div data-bbox="584 1462 1141 1541">Explain proper use of liquid laundry products.</div> <div data-bbox="618 1547 909 1581">Clean the compartment.</div> <div data-bbox="1174 1149 1385 1406">  </div> <div data-bbox="1174 1417 1409 1500"> <p>(1) Liquid chlorine Bleach Compartment (2) Liquid fabric Softener Compartment (3) Prewash Compartment (4) Main Wash Compartment</p> </div>
<div data-bbox="224 1693 492 1821">  </div>	<div data-bbox="581 1686 1141 1753">Visit to service.</div>

8-2. FAULT DIAGNOSIS AND TROUBLESHOOTING

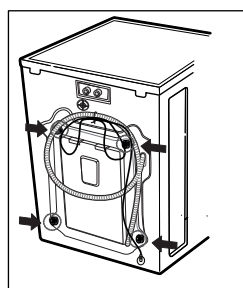
CAUTION

1. Be careful of electric shock if disconnecting parts while troubleshooting.
2. First of all, check the connection of each electrical terminal with the wiring diagram.
3. If you replace the MAIN PWB ASSEMBLY, reinsert the connectors correctly.

NO POWER



VIBRATION & NOISE IN SPIN



Have all the transit bolts and base packing been removed?

NO

Remove the transit bolts and Base packing.

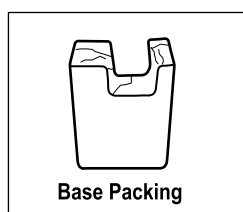
YES

Is the washer installed on a solidly constructed floor?

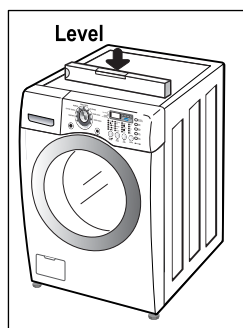
NO

Move the washer or reinforce the floor.

YES

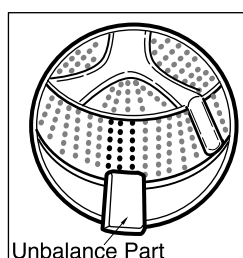


Check if the washer is perfectly level as follows:



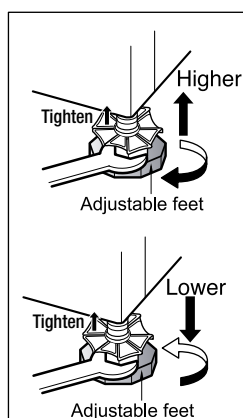
Check the leveling of the washer with a Level and check that the washer is stable.

Put an unbalance part (rubber) inside of drum and start QC test mode and run in high spin (Refer to section 7-2). When the machine is spinning in high speed, verify that it is stable.



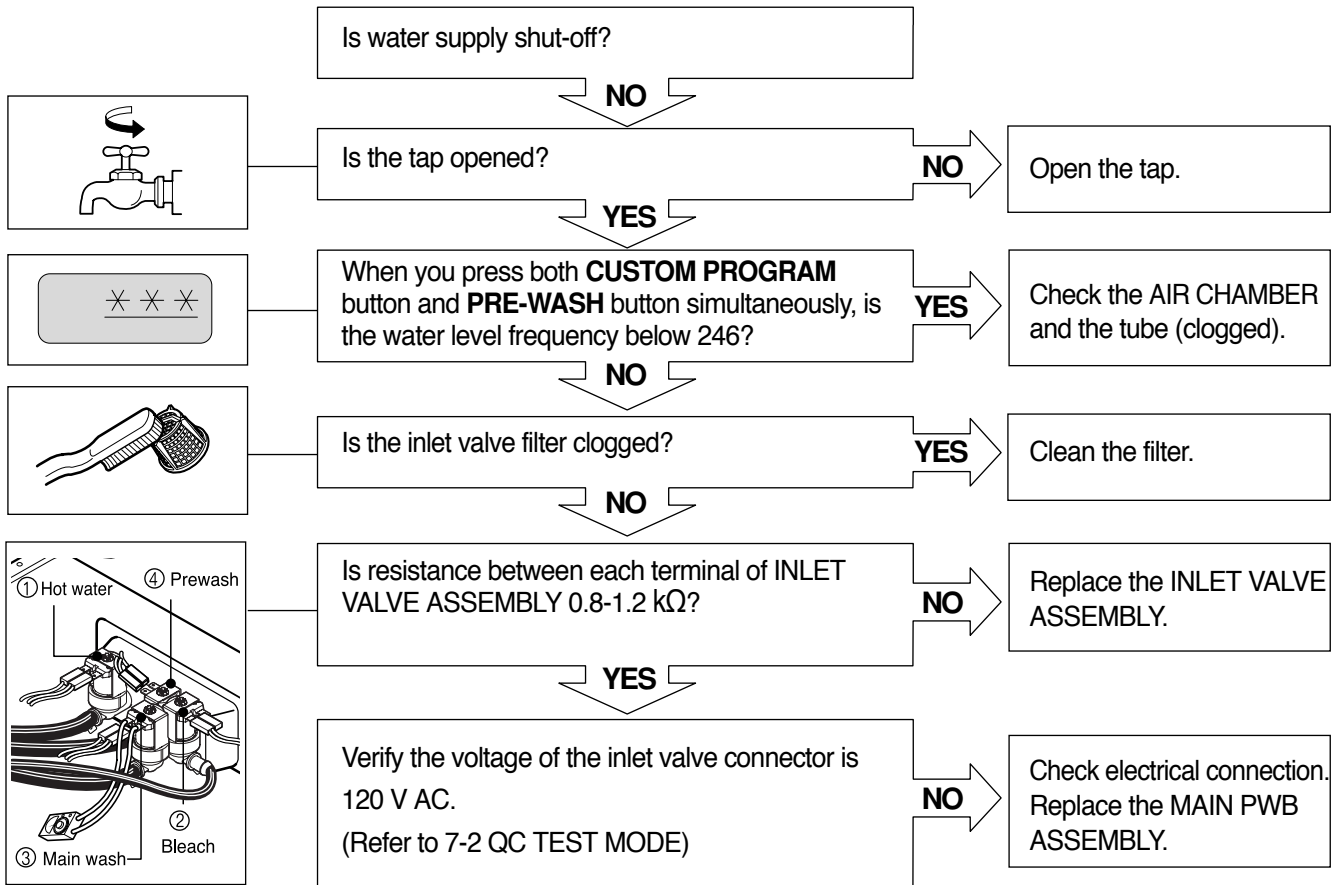
If you do not have the unbalance part, put 4.5 to 6.5 lbs (2 to 3 kg) of clothing. Once loaded, press power, Rinse+Spin and the start/pause button in sequence. When the machine is spinning in high speed, verify that it is stable.

YES

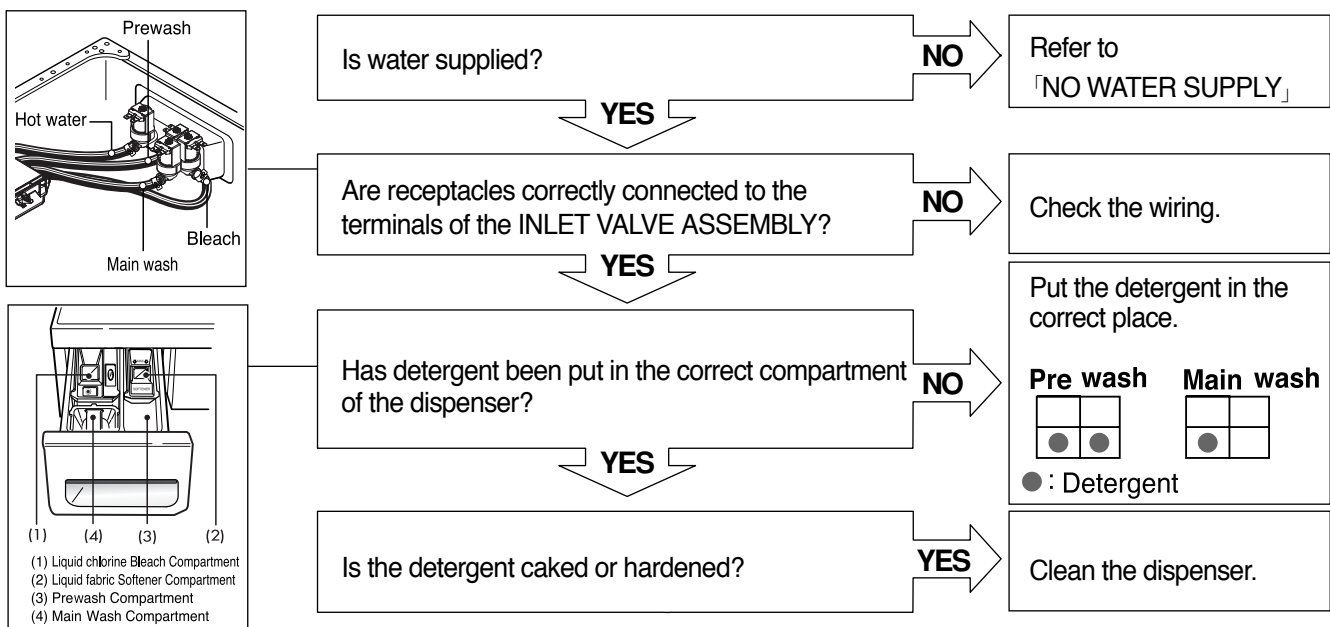


If it is not stable, adjust feet accordingly. After the washer is level, tighten the lock nuts up against of the base of the washer. All lock nuts must be tightened.

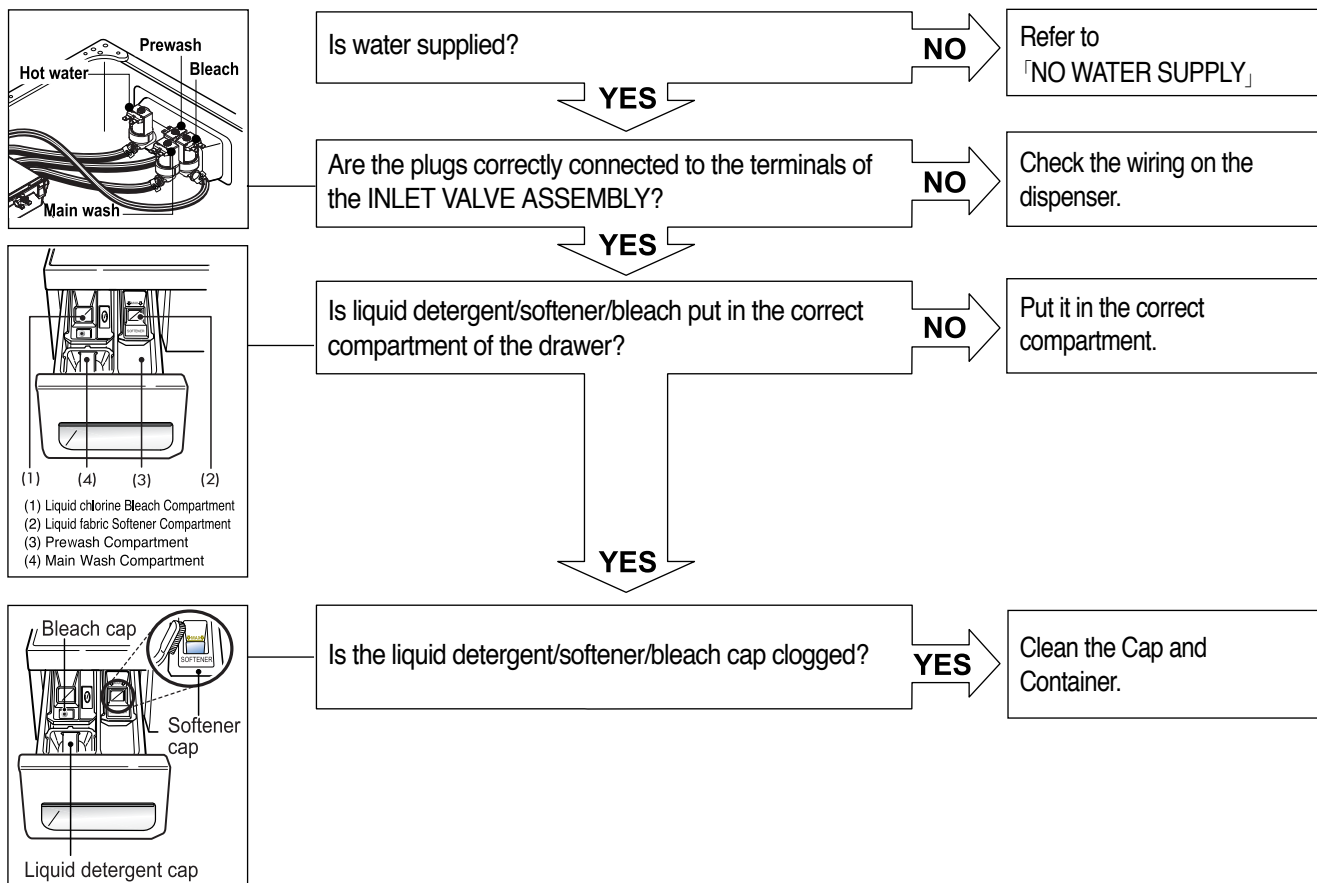
NO WATER SUPPLY



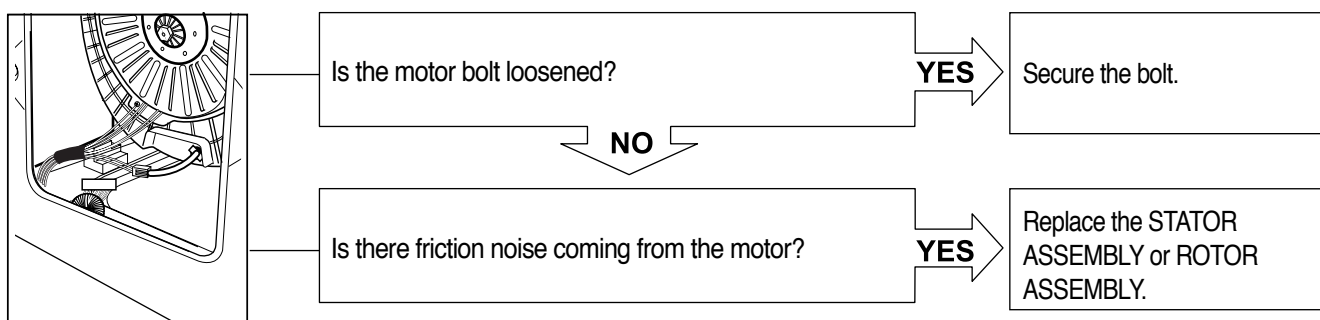
DETERGENT DOES NOT FLOW IN



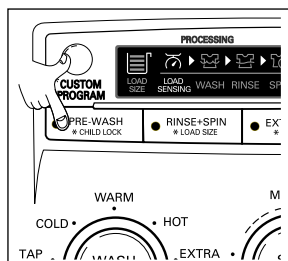
LIQUID DETERGENT/SOFTENER/BLEACH DOES NOT FLOW IN



ABNORMAL SOUND



HEATING WITHOUT WATER



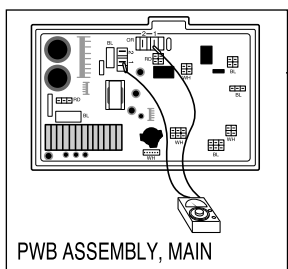
When pressing **CUSTOM PROGRAM** and **PRE-WASH** at the same time after draining, is the water level frequency 255?

When pressing **WASH/RINSE** and **DELAY WASH** buttons at the same time while washing, is the water level frequency between 230 - 243 ?

NO

Replace the **SENSOR SWITCH ASSEMBLY**.

YES

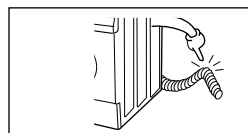


Check the voltage between two pins while pressing the **POWER** button. Is the voltage 120 V AC?

YES

Replace the **MAIN PWB ASSEMBLY**.

DRAIN MALFUNCTION

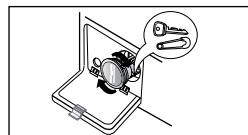


Is the drain hose twisted or frozen?

YES

Repair the **DRAIN HOSE ASSEMBLY**.

NO

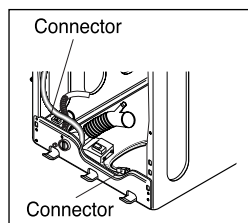


Is the impeller of the drain pump clogged?

YES

Remove foreign material.

NO



Is the connector disconnected, disassembled?

YES

Reconnect or repair the connector

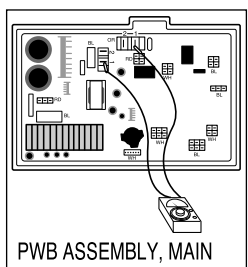
NO

Is the coil of the drain pump too high or low?
(resistance of the coil is 10-20 Ω)

YES

Replace the **DRAIN PUMP ASSEMBLY**.

NO

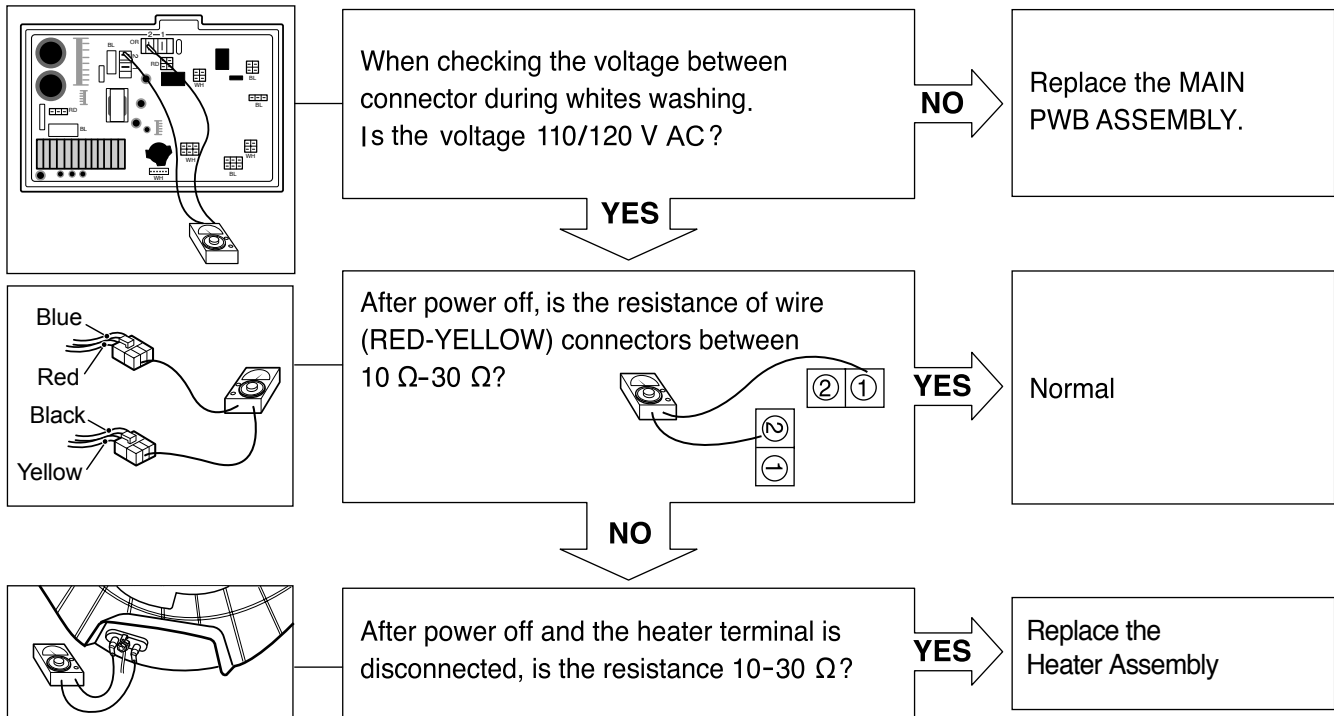


When checking voltage between connectors during spin, is the voltage 120 V AC as in the figure?

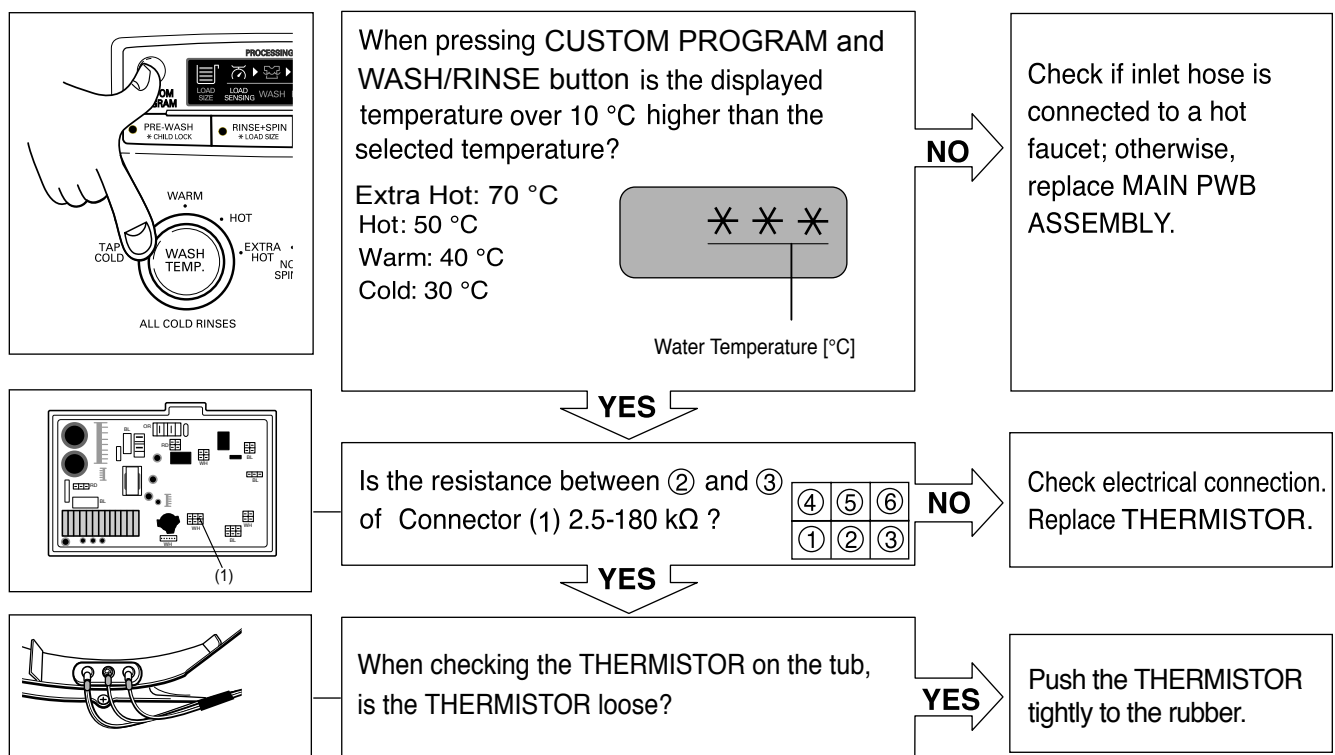
NO

Replace the **MAIN PWB ASSEMBLY**.

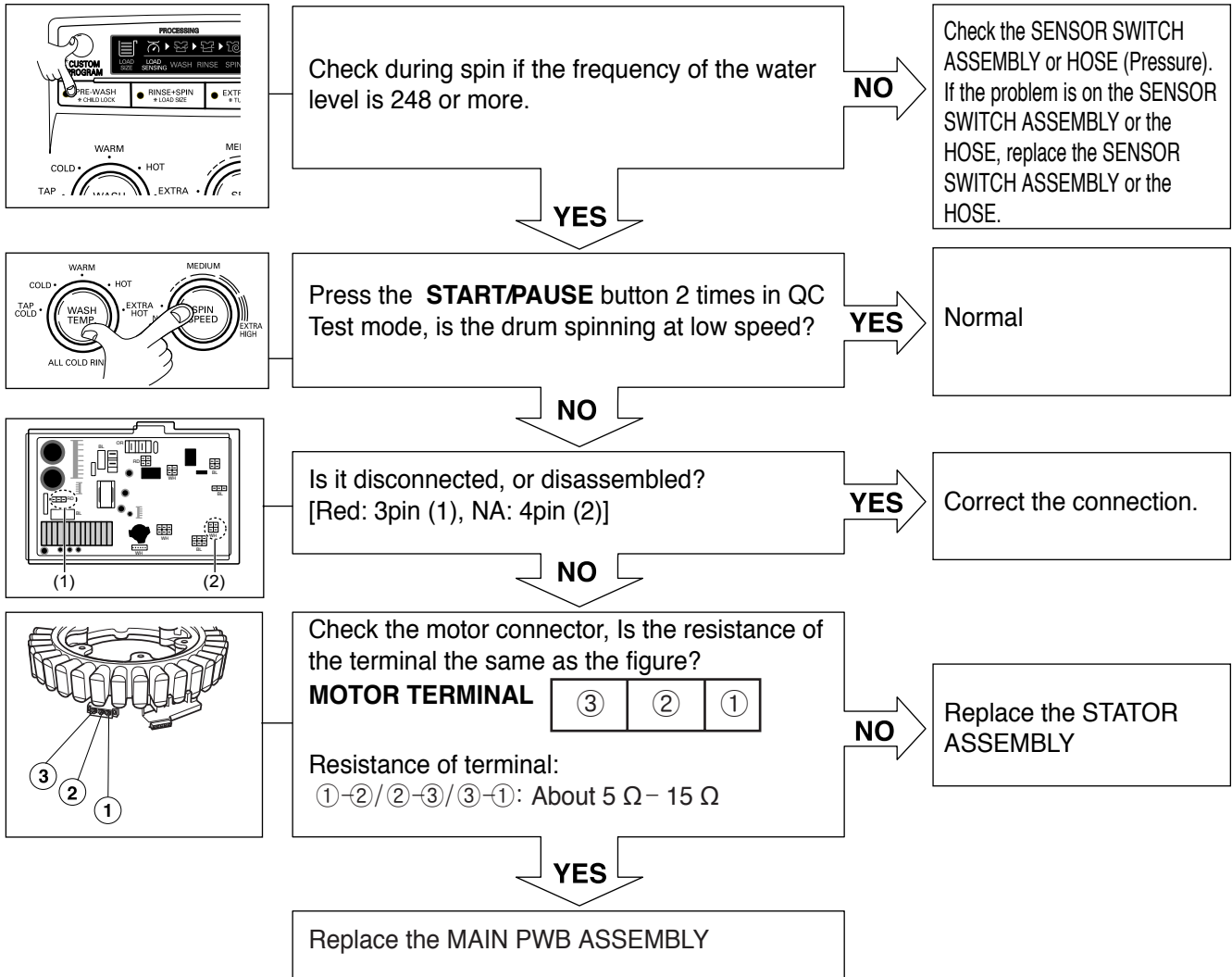
WASH HEATER TROUBLE



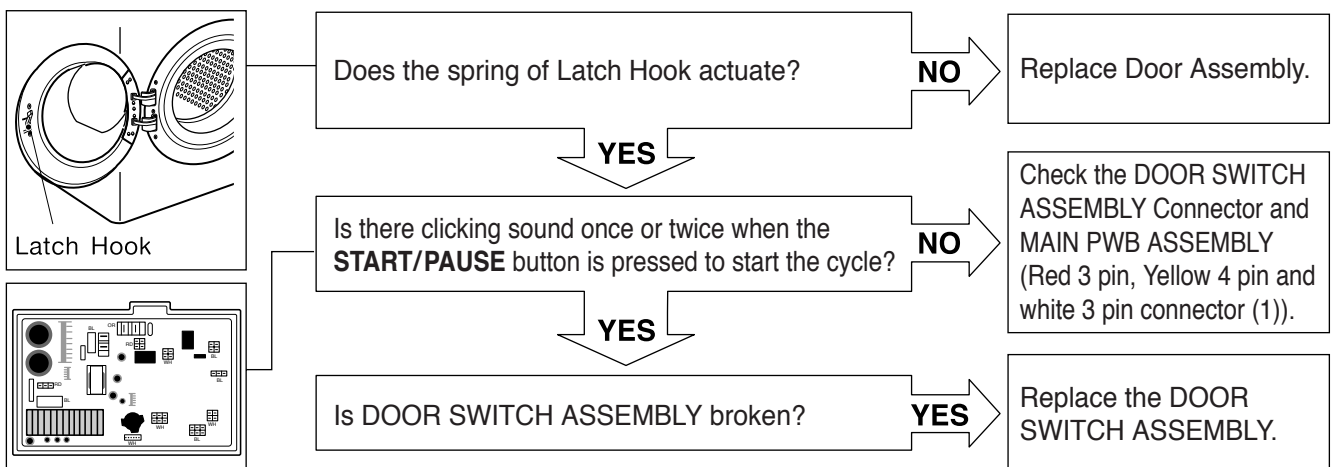
HEATING CONTINUOUSLY ABOVE THE SETTING WATER TEMPERATURE



SPIN TROUBLE



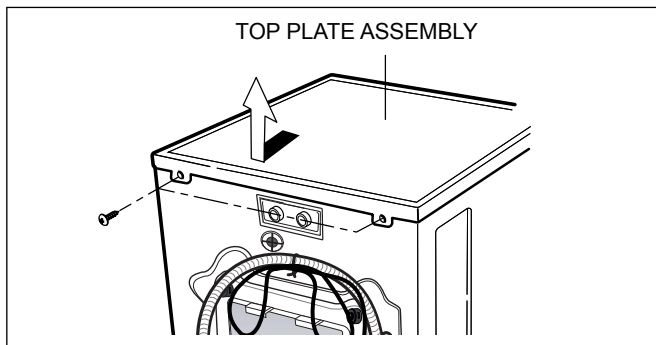
ERROR



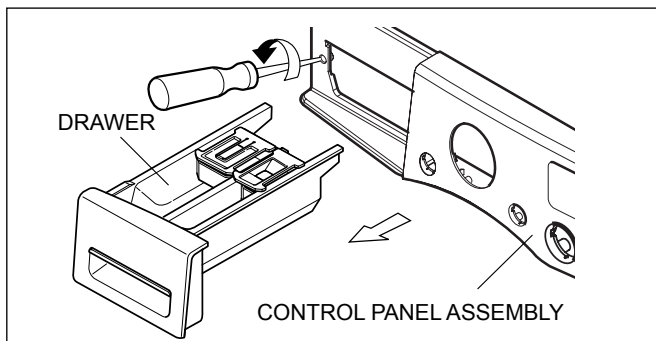
9. DISASSEMBLY INSTRUCTIONS

* Be sure to unplug the machine out of the outlet before disassembling and repairing the parts.

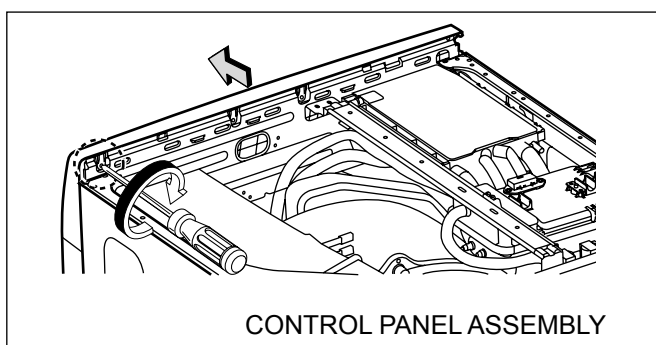
CONTROL PANEL ASSEMBLY



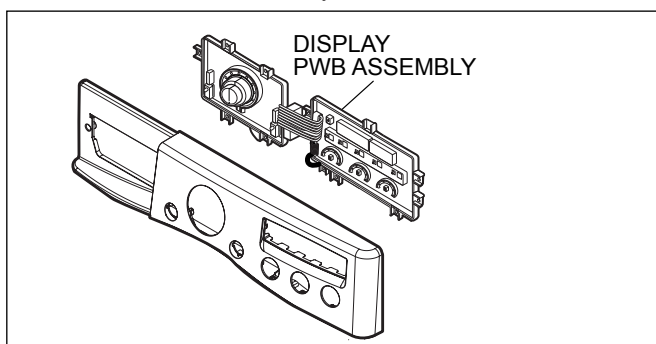
- ① Unscrew 2 screws on the back of the top plate.
- ② Pull the top plate backward and upward as shown.



- ③ Disconnect the Display PWB Assembly connector from Trans cable.
- ④ Pull out the drawer and unscrew 2 screws.

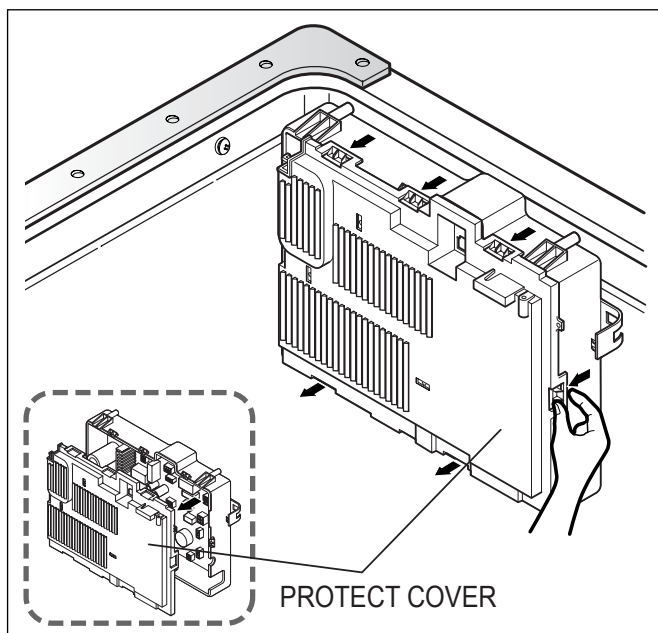


- ⑤ Taking out 1 screw.
- ⑥ Lift the side the Control Panel Assembly and pull it out

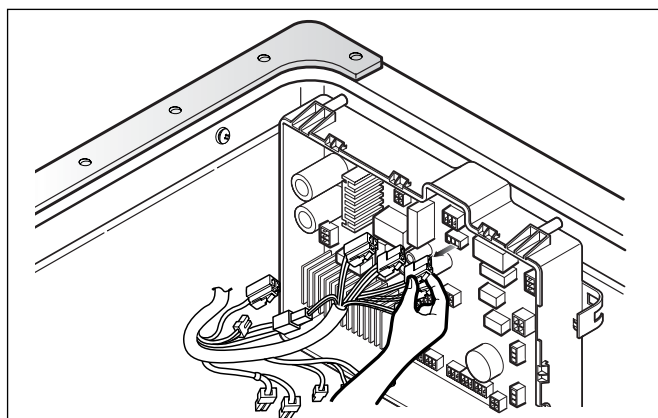


- ⑦ Unscrew the 8 screws from the Control Panel Assembly.
- ⑧ Disassemble the Display PWB Assembly.

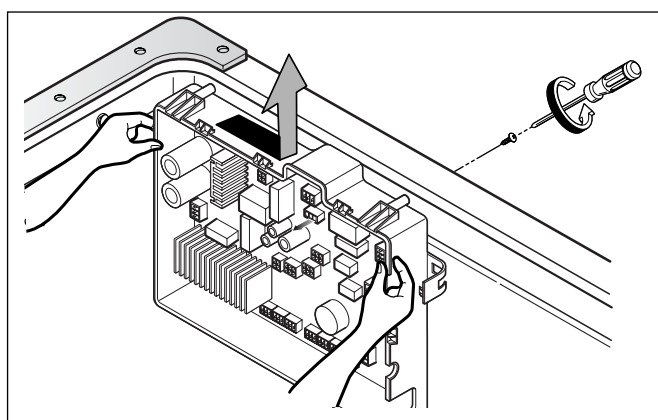
MAIN PWB ASSEMBLY



- ① Disconnect the SENSOR SWITCH ASSEMBLY.
- ② Remove the Protect Cover.

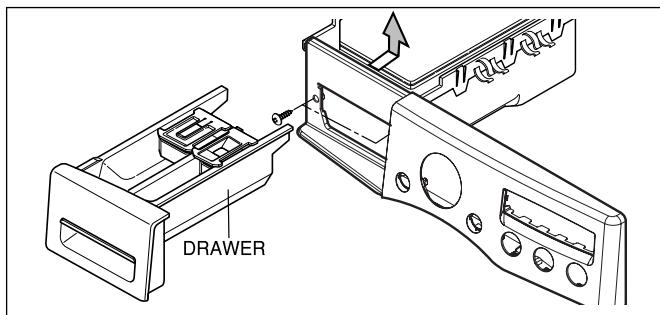


- ③ Disconnect the connectors.

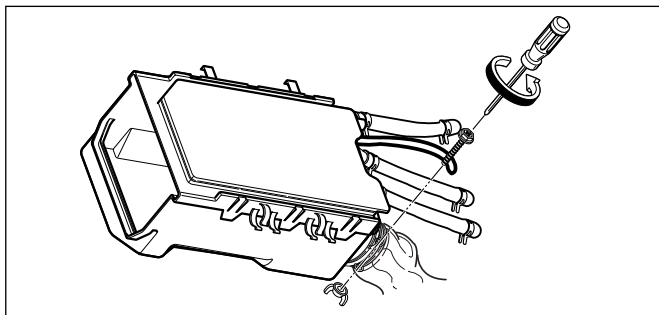


- ④ Unscrew 1 screw on the back.
- ⑤ Disassemble the Main PWB.

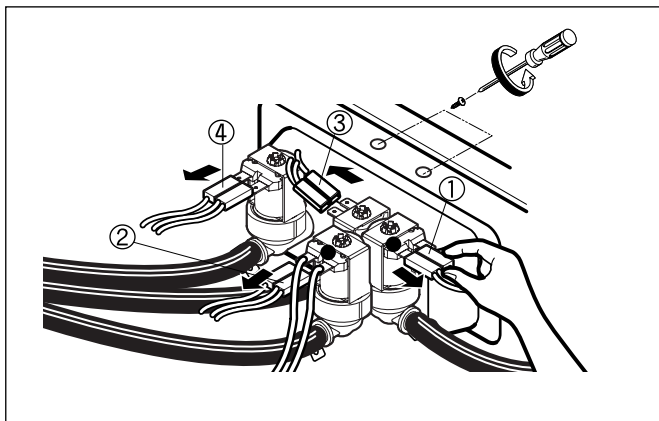
DISPENSER ASSEMBLY



- ① Disassemble the top plate assembly.
- ② Pull out the drawer.
- ③ Push out the DISPENSER ASSEMBLY after unscrew 2 screws.



- ④ Unscrew the nut at the lower part of the dispenser.



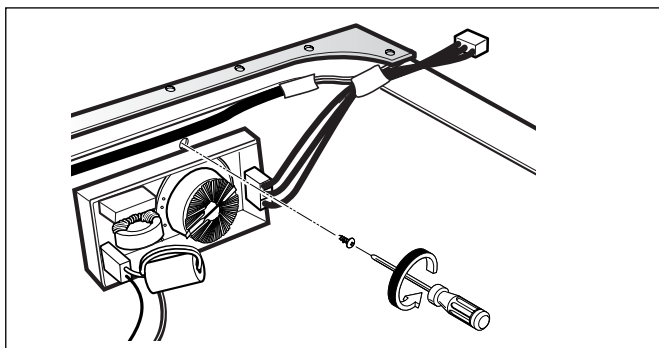
- ⑤ Disassemble the 4 connectors from the valves.

※ Wire Color

- ① Blue Housing (YL-BK)
- ② White Housing (WH-BK)
- ③ Blue Housing (GY-BK)
- ④ Red Housing (BL-BK)

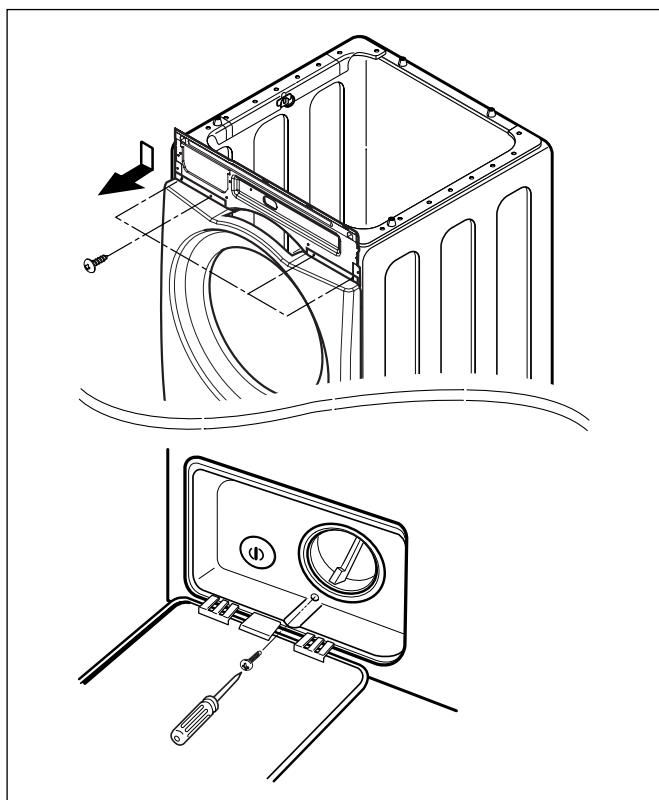
- ⑥ Unscrew 2 screws from the back of the cabinet.

NOISE FILTER

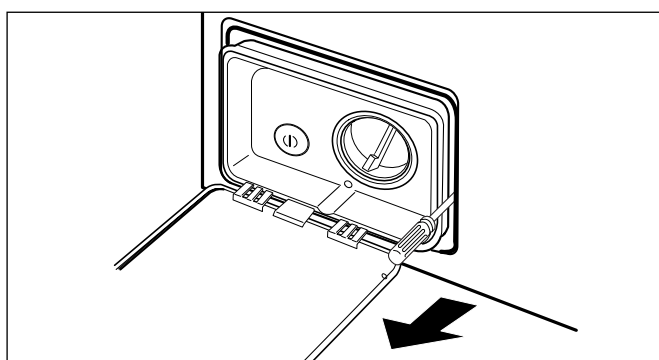


- ① Disassemble two (or three) connectors from the NOISE FILTER.
- ② Unscrew a screw from the TOP BRACKET.

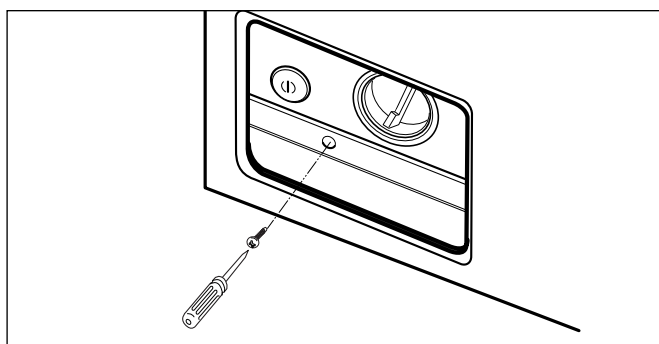
CABINET COVER



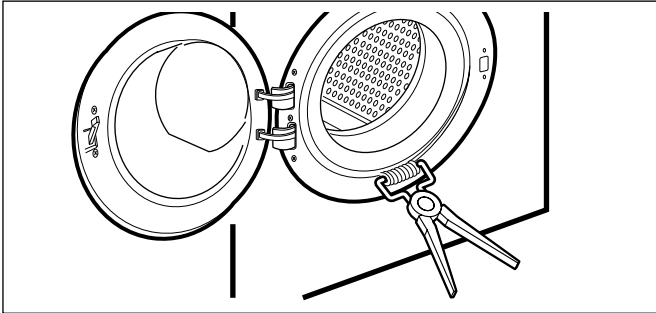
- ① Unscrew the 5 screws from upper of the cabinet cover.
- ② Unscrew the screw from filter cover.



- ③ Put a flat (–) screwdriver or putty knife into the both sides of the filter cover, and pull it out.

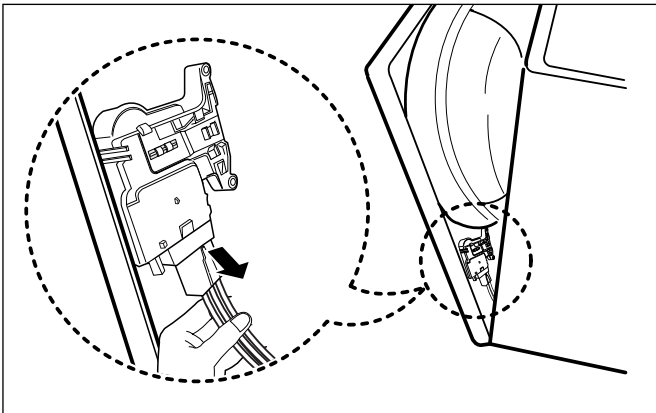


- ④ Unscrew the screw from the lower side of the cabinet cover.



⑤ Open the door.

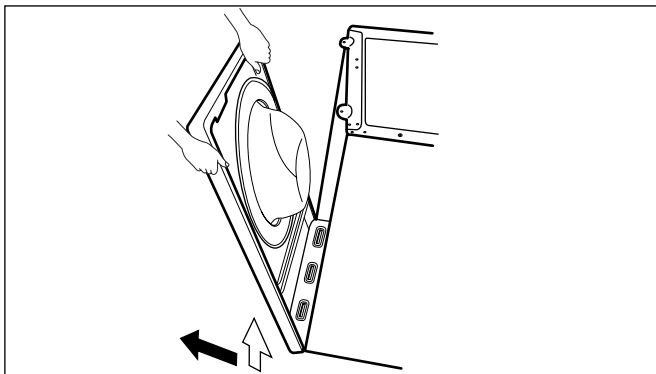
⑥ Disassemble the clamp assembly.



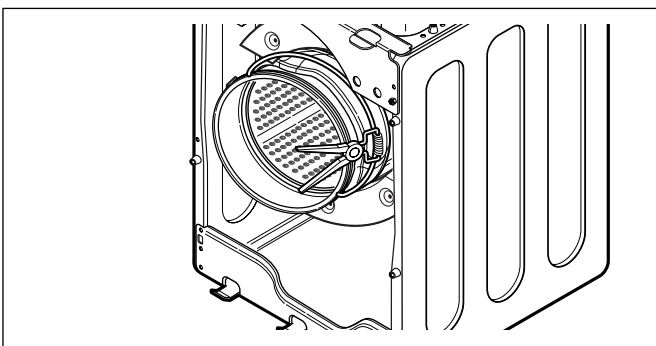
⑦ Tilt the cabinet cover.

⑧ Disconnect the door switch connector.

※ **NOTE:** When assembling the CABINET COVER, connect the connector.



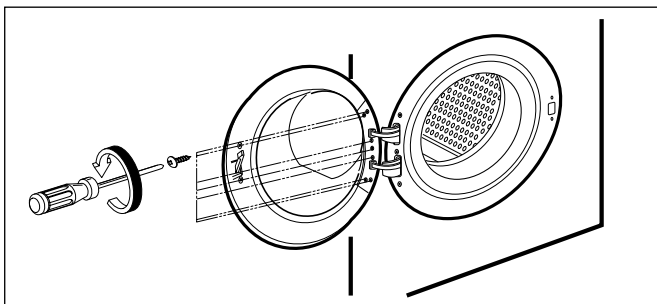
⑨ Lift and separate the cabinet cover.



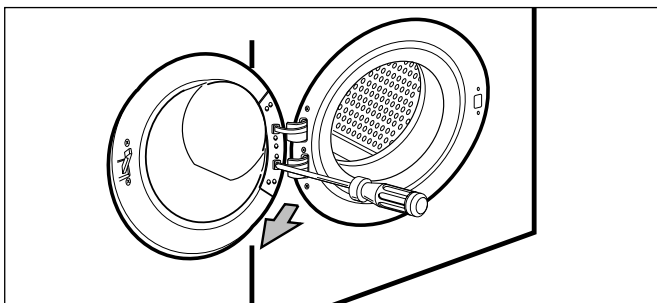
⑩ Disassemble the clamp assembly.

⑪ Disassemble the Gasket.

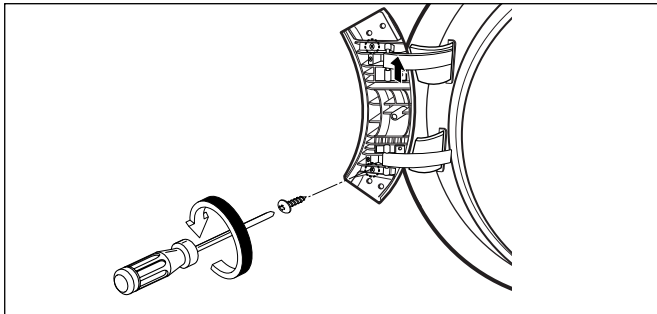
DOOR



- ① Open the door.
- ② Unscrew the 7 screws from the HINGE COVER.



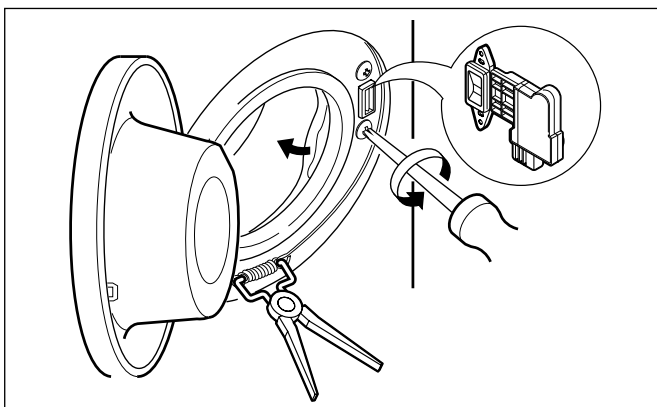
- ③ Put a flat (-) screwdriver into the opening of the hinge, and pull out the hinge cover.



- ④ Unscrew a screw from the lower side of door.
- ⑤ Disassemble the door upward.

※ **Be careful!** The door is heavy.

DOOR LOCK SWITCH ASSEMBLY

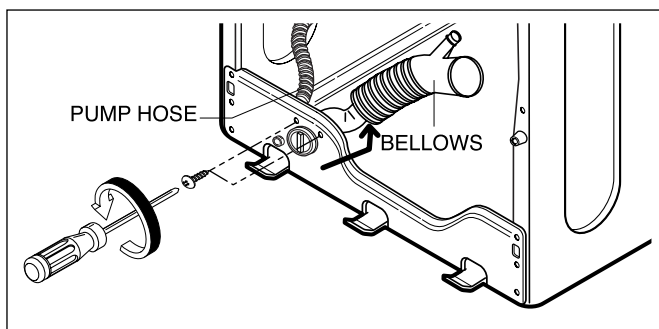


- ① Open the door and disassemble the CLAMP ASSEMBLY.
- ② Unscrew the 2 screws.

※ NOTE

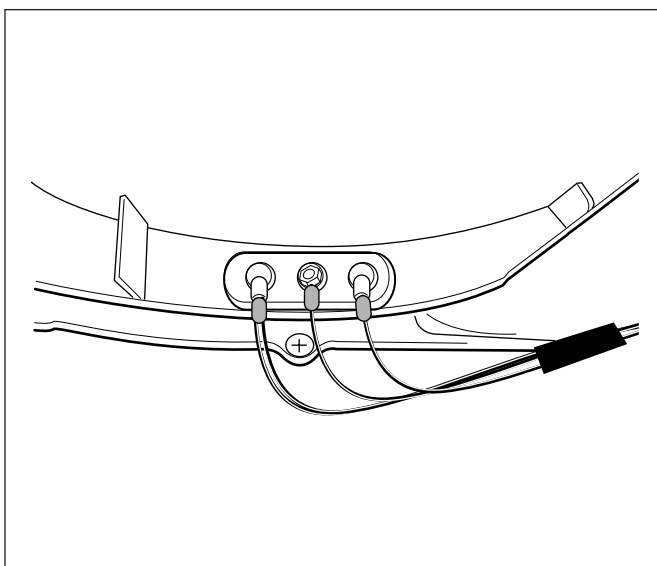
- Reconnect the connector after replacing the DOOR SWITCH ASSEMBLY.

PUMP



- ① Disassemble the cabinet cover.
- ② Separate the pump hose, and the bellows.
- ③ Disassemble the pump assembly in arrow direction.

HEATER

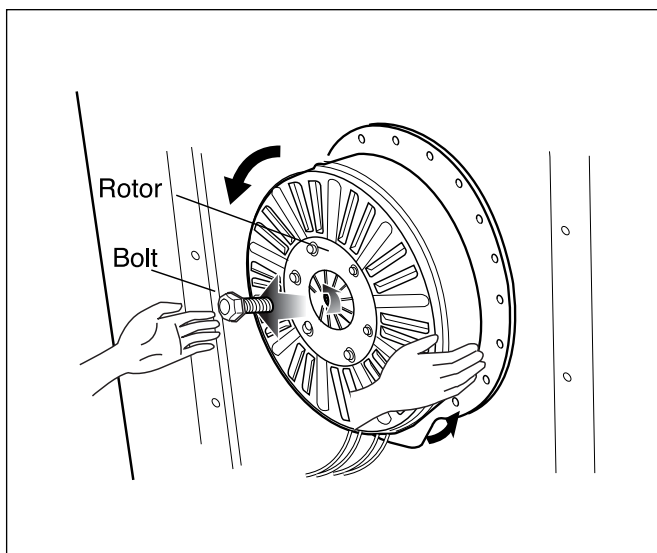


- ① Disassemble the cabinet cover.
- ② Separate 2 connectors from the heater.
- ③ Loosen the nut and pull out the heater.

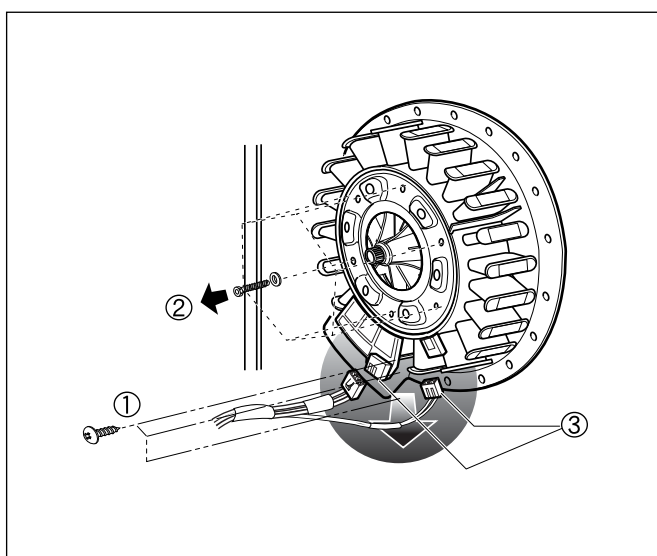
※ CAUTION

- When assembling the heater, insert the heater into the heater clip on the bottom of the tub.
- Tighten the fastening nut so the heater is secure.

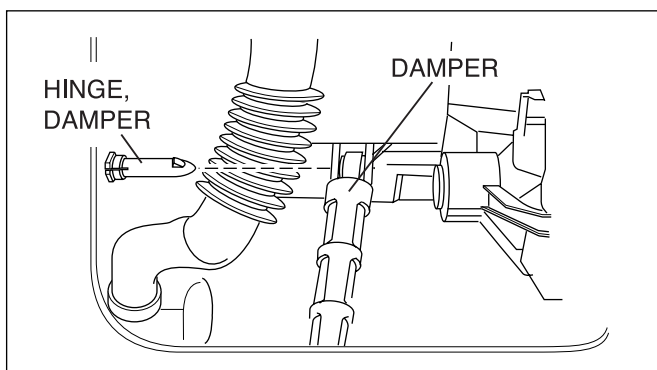
MOTOR/DAMPER



- ① Disassemble the back cover.
- ② Remove the bolt.
- ③ Pull out the Rotor.



- ① Unscrew the 2 screws from the tub bracket.
- ② Remove the 6 bolts on the stator.
- ③ Unplug the 2 connectors from the stator.



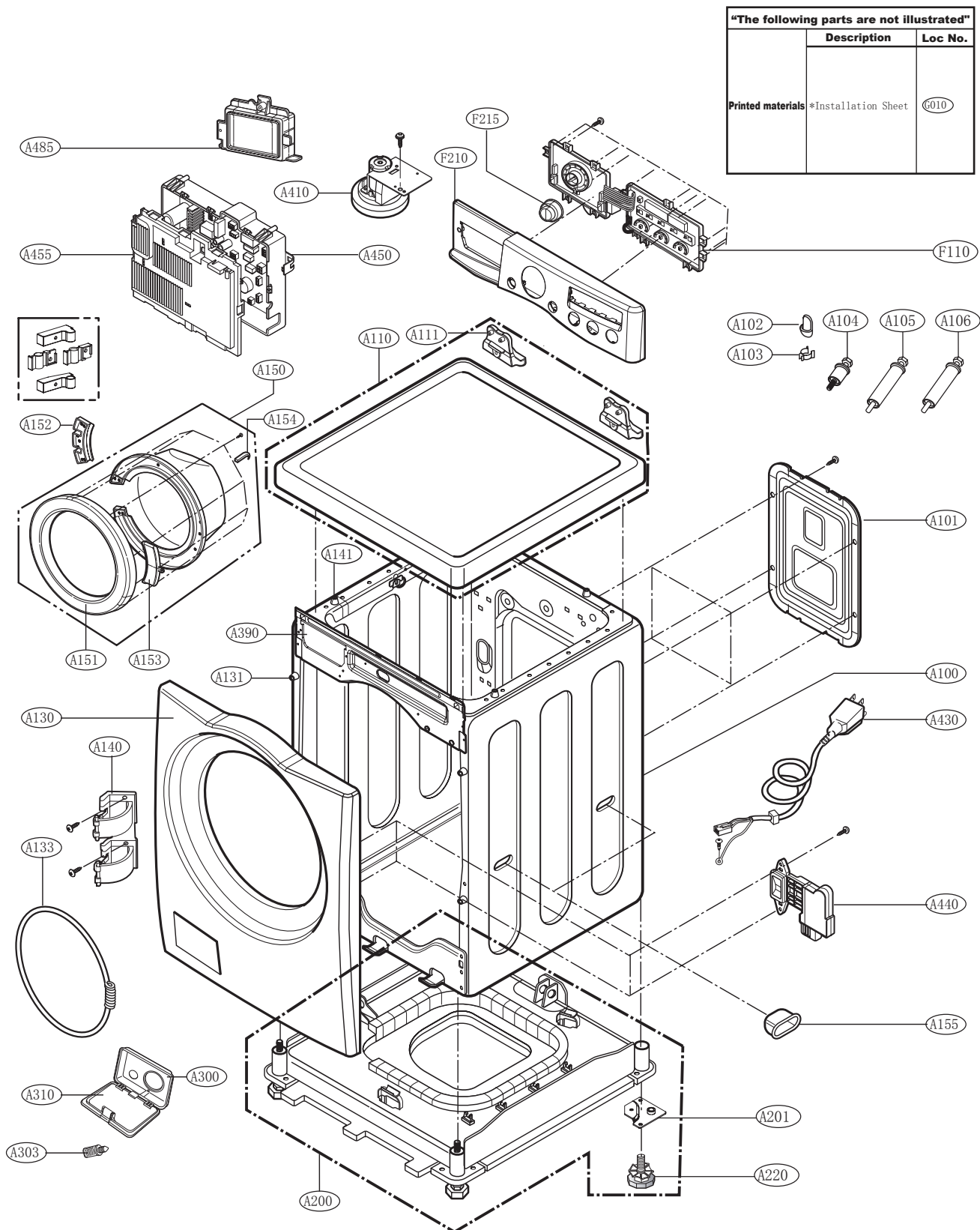
- ① Disassemble the damper hinges from the tub and base.
- ② Separate the dampers.

※ NOTE

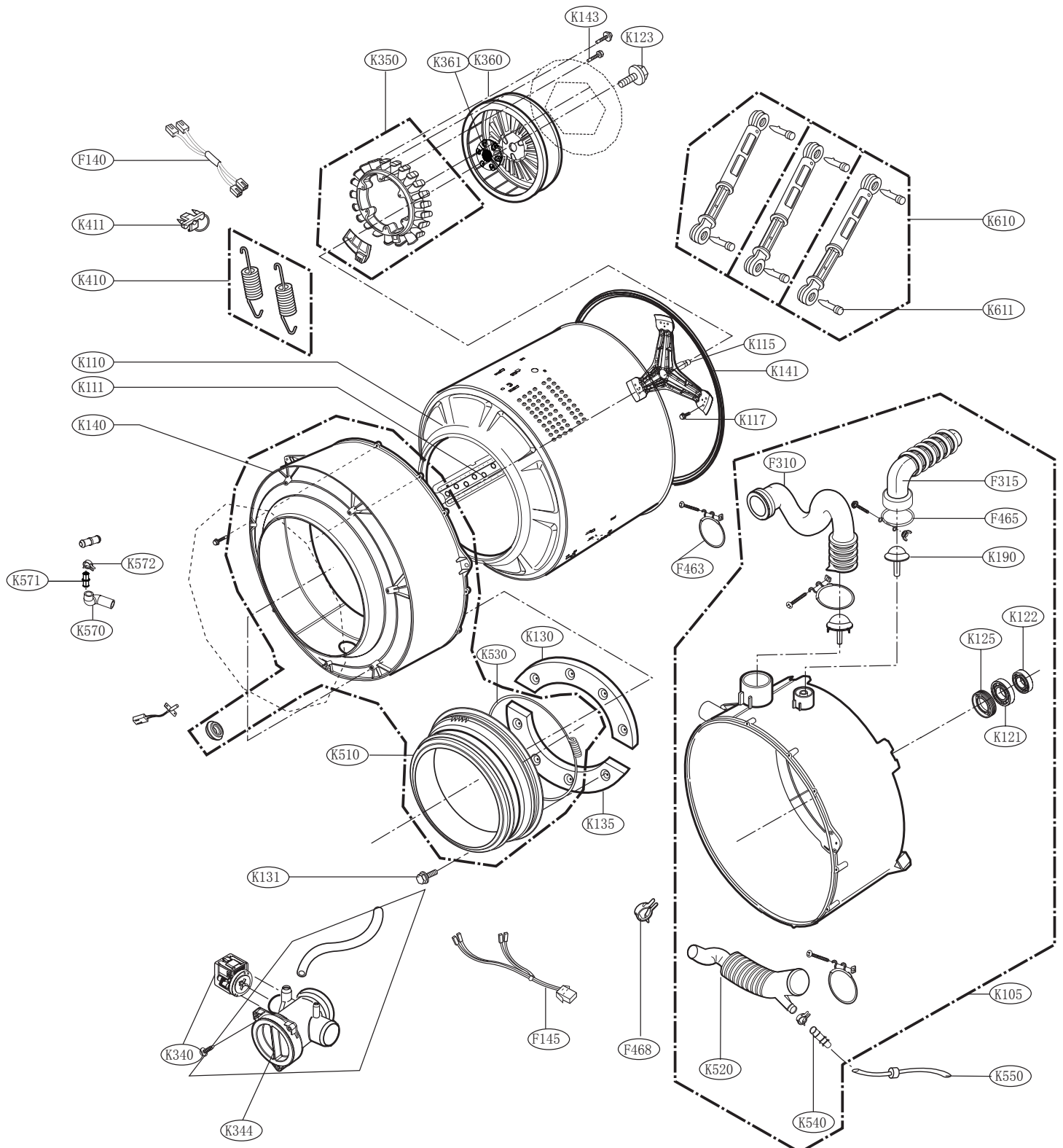
- Once removed, replace the damper with new one.

11. EXPLODED VIEW

11-1. CABINET & CONTROL PANEL ASSEMBLY



11-2. DRUM & TUB ASSEMBLY



- ※ In case of replacing THERMISTOR of HEATER ASSEMBLY(K320), replace HEATER ASSEMBLY(K320), HEATER ASSEMBLY(K320) includes THERMISTOR.
- ※ In case of replacing BEARING,BALL(K121,K122) and GASKET(K125), replace TUB ASSEMBLY,OUTER(K105), TUB ASSEMBLY,OUTER(K105) includes BEARING,BALL(K121,K122) and GASKET(K125).
- ※

11-3. DISPENSER ASSEMBLY

