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# LG WM2240CW Owner's Manual

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# WASHING MACHINE SERVICE MANUAL

**⚠ CAUTION**

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

**MODEL : WM2240C\***



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P/No. : MFL30599179

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# 1. SPECIFICATIONS

ITEM		WM2240C*
COLOR		W:BLUE WHITE
POWER SUPPLY		AC 120 V, 60 Hz
PRODUCT WEIGHT		190 lbs. (86kg)
ELECTRIC POWER	WASHING	280 W
CONSUMTION	DRAIN MOTOR	80 W
REVOLUTION SPEED	WASH	42 rpm
	SPIN	0 - 1200 rpm
CYCLES		7
WASH/RINSE TEMPERATURES		5
SPIN SPEEDS		5
OPTIONS		Prewash, Rinse+Spin, Quick Cycle, Stain Cycle, Tub Clean,
		Delay Wash, Water Plus, Extra Rinse
CUSTOM PROGRAM		-
WATER CIRCULATION		-
OPERATIONAL WATER PRESSURE		14.5 - 116 psi (800 kPa)
CONTROL TYPE		Electronic
DIMENSIONS		27" (W) X 30 <sup>1</sup> / <sub>32</sub> " (D) X 38 <sup>11</sup> / <sub>16</sub> " (H), X 50 <sup>13</sup> / <sub>16</sub> " (D door open)
DELAY WASH		up to 19 hours
DOOR SWITCH TYPE		PTC + Solenoid
WATER LEVEL		12 Step (by sensor)
LAUNDRY LOAD SENSING		Incorporated
ERROR DIAGNOSIS		Incorporated
AUTO POWER OFF		Incorporated
CHILD LOCK		Incorporated

## WARNING

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

## 2. FEATURES & TECHNICAL EXPLANATION

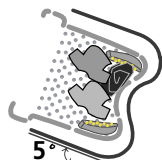
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### 2-1. FEATURES



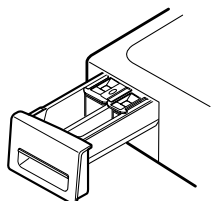
- **Direct Drive System**

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



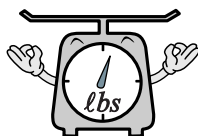
- **Tilted Drum and Large Door Opening**

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



- **Time-Released Dispenser**

Detergent, fabric softener and bleach are dispensed separately at the right time during wash cycle.



- **Automatic Wash Load Detection**

Automatically detects the load and optimizes the washing time.



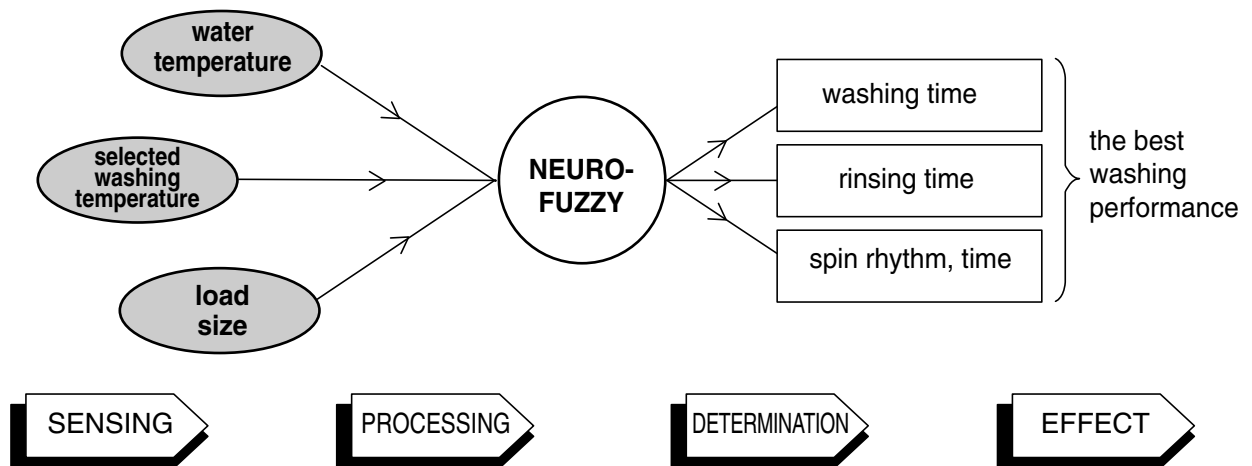
- **Child Lock**

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

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## 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.

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

## 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 intertial rotating, through the operation is paused.

## 2-6. DOOR LOCKED LAMP LIGHTS

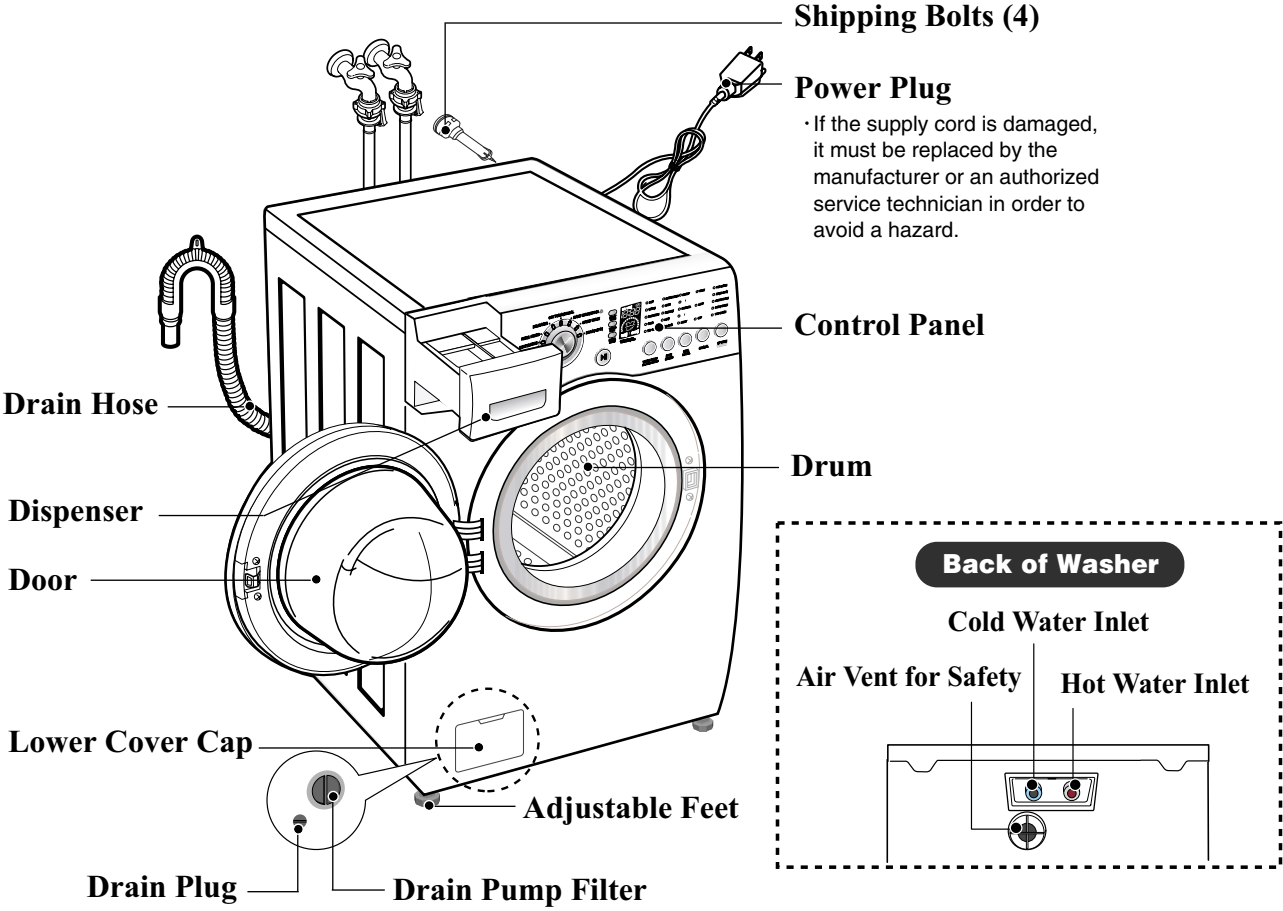
- When the frequency of water level is lower than 22.9 kHz  
(It can be canceled when the frequency is more than 23.8 kHz)
- When the temperature inside the tub is higher than 45 °C and water level is not 25.5 kHz  
(It can be canceled when the water level is 25.5 kHz or the temperature inside the tub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

## 2-7. CHILD LOCK

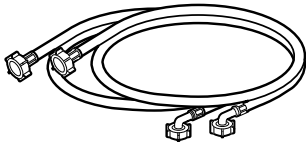
- Use this option to prevent unwanted use of the washer. Press and hold OPTION button for 3 seconds to lock/unlock control.
- When Child lock is set,  blinks and all buttons are disabled except the Power  button. You can lock the washer while it is operating.
- CHILD LOCK lasts after the end of cycle. If you want to deactivate this function, Press and hold the OPTION button for 3 seconds.



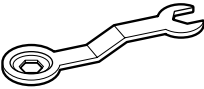
# 3. PARTS IDENTIFICATION



## ■ Accessories



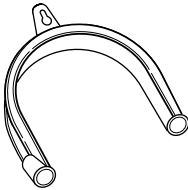
**Hot/Cold (1 each)  
Hose**



**Wrench**  
for removing shipping bolts  
and leveling the washer



**Tie strap**  
to secure drain hose to standpipe,  
inlet hose, or laundry tub



**Hose retainer**



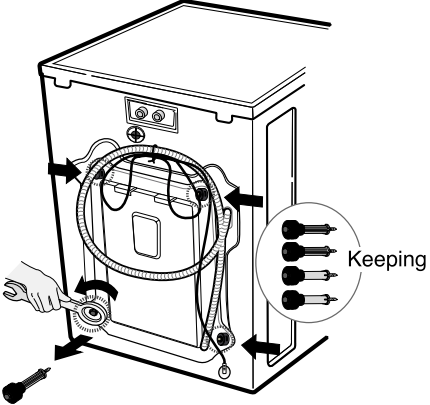
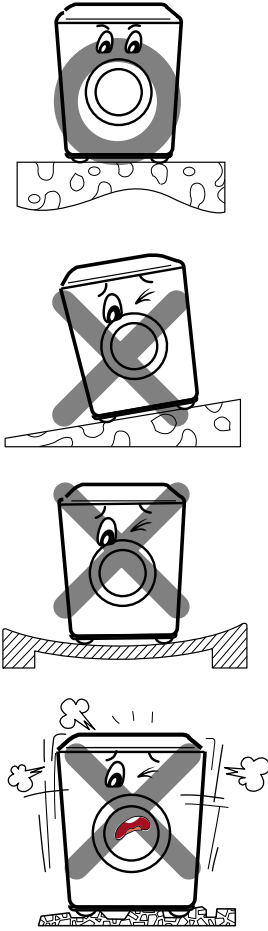
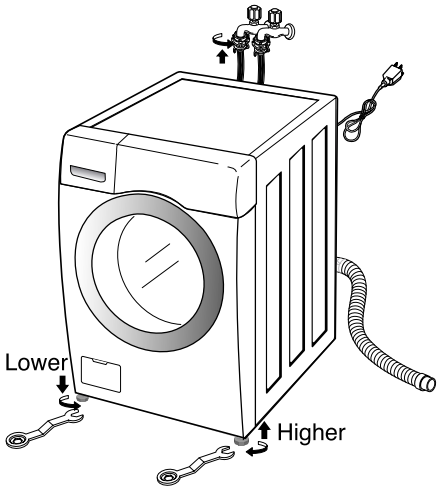
**Cap (4 each)**  
to cover the holes created after  
removing the shipping bolts

## 4. INSTALLATION & TEST

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

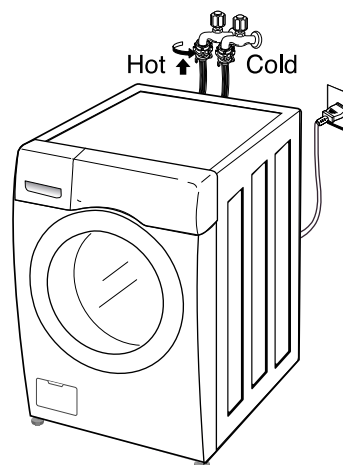
### ■ STANDARD INSTALLATION

The appliance should be installed as follows:

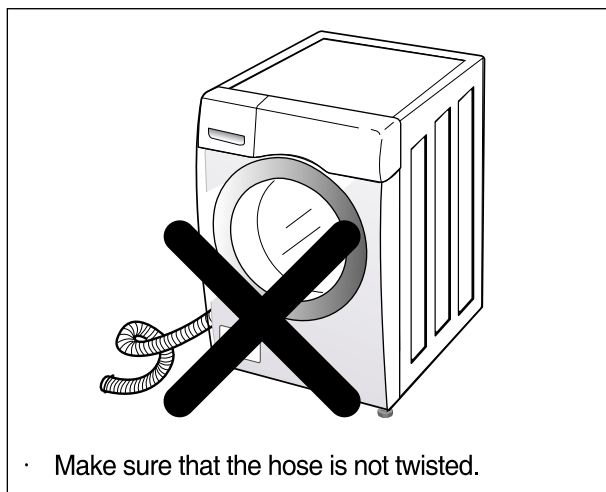
REMOVE THE SHIPPING BOLTS	INSTALL THE APPLIANCE ON A FLAT AND FIRM SURFACE	ADJUST THE LEVELING
<ul style="list-style-type: none"> <li>Remove the 4 shipping bolts with the supplied wrench.</li> <li>※ Do first lower side to remove easily.</li> <li>Keep the shipping bolts and spanner for future use.</li>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

## ■ HOW TO CONNECT THE INLET HOSE

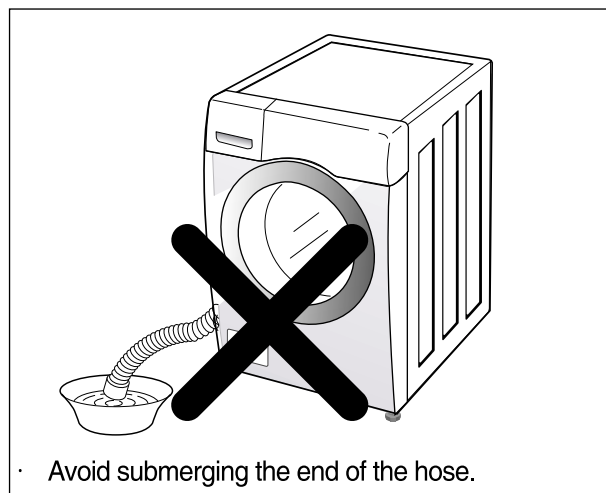
- Check the rubber seals on both sides of the hose.
- Connect the water hoses to the faucets.
- Turn on the water tap to remove foreign substance such as dirt, sand, or sawdust in the water line, and then check the water temperature.
- Connect the hoses to the water inlets.



## ■ CONNECT THE DRAIN HOSE



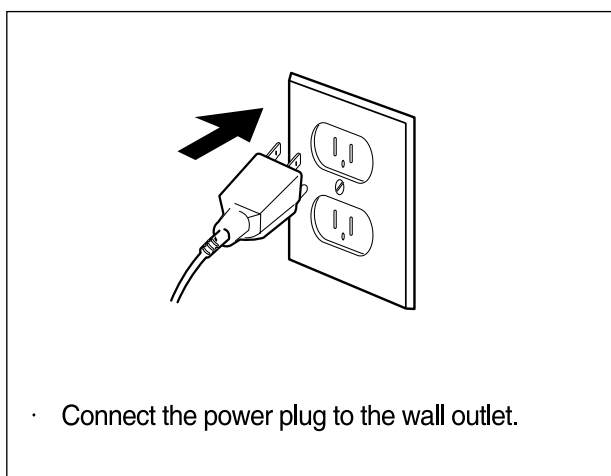
- Make sure that the hose is not twisted.



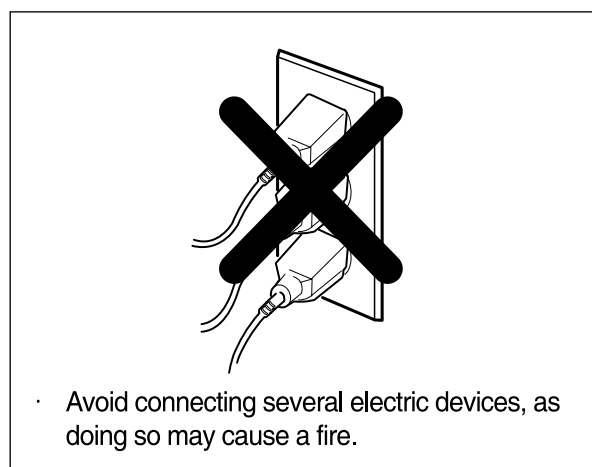
- Avoid submerging the end of the hose.

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

## ■ CONNECT POWER PLUG

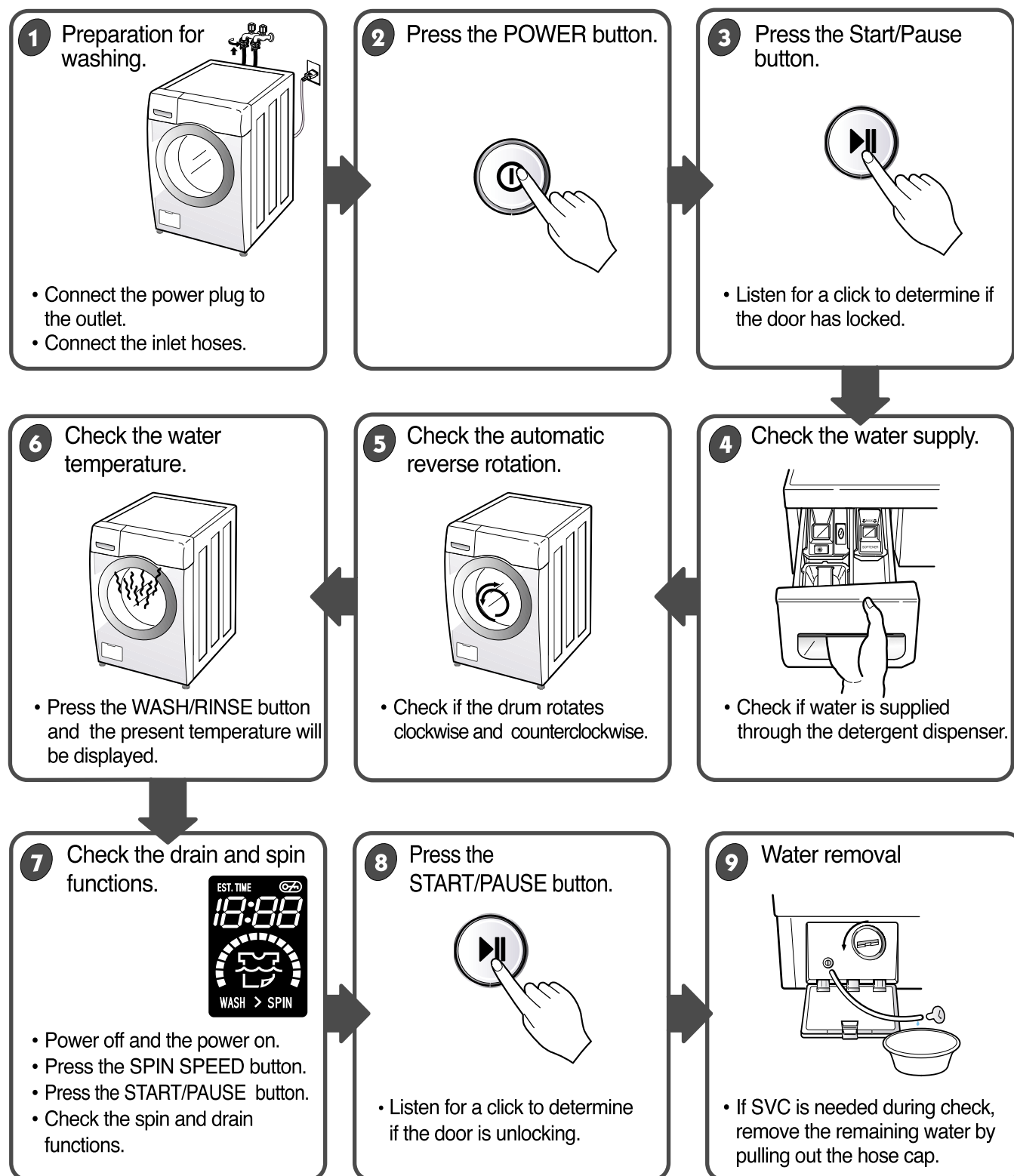


- Connect the power plug to the wall outlet.



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

## 7 TEST OPERATION



# 5. OPERATION

## WM2240C\*



## 5. OPERATION

### Delay Wash, Water Plus/\* Extra Rinse

- Delay Wash allows the start of any cycle to be delayed for 1~19 hours
- Water Plus adds extra water to the wash and rinse cycles for superior results
- Extra Rinse Provides an additional rinse

### 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 13 to 17 minutes prewash and drain.
- **Rinse + Spin:** Use this option to rinse and then spin.
- **Quick Cycle:** The Quick offers a quick cycle time.
- **Stain Cycle:** Add time to the wash and rinse for better stain removal. Automatically provide a rinse.
- **Tub Clean:** Use this option to clean tub.

### CYCLE SELECTOR

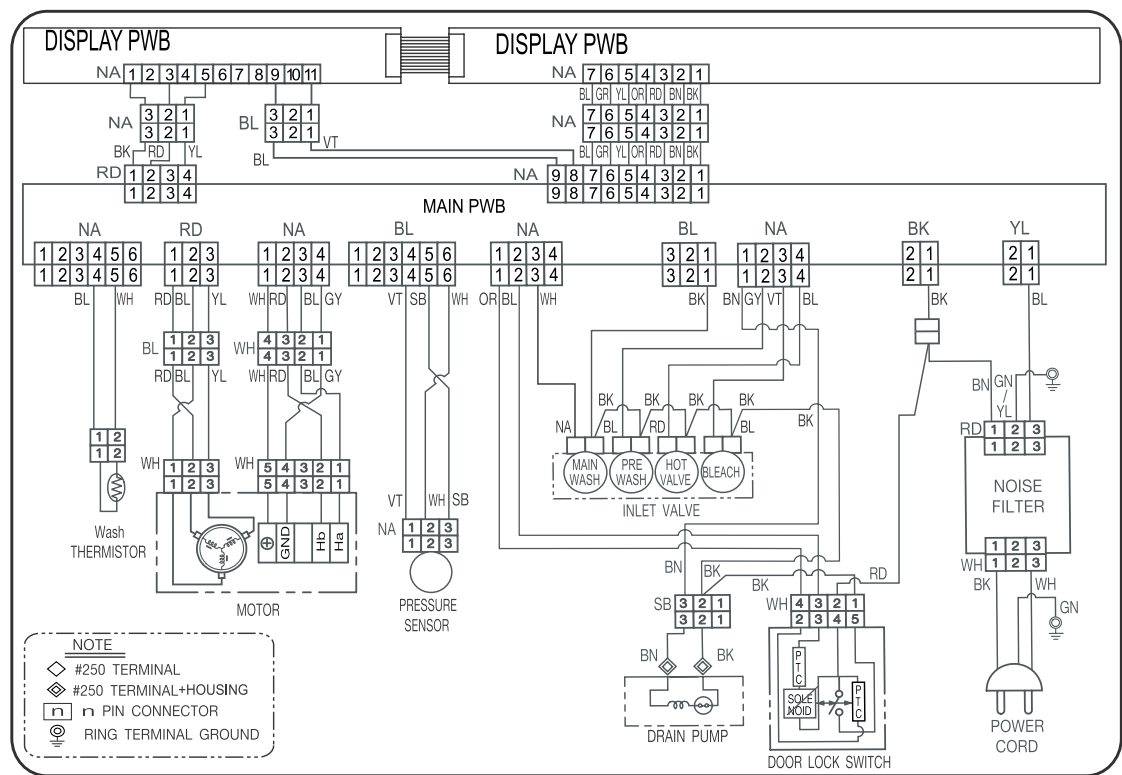
- Rotate the cycle selector knob to select the cycle designed for different types of fabric and soil level.

### Wash Temp., Spin speed, Soil Level, Signal

- 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.
- Press Repeatedly to adjust the Volume

# 6. WIRING DIAGRAM/PROGRAM CHART

## WM2240C\*



# PROGRAM CHART

\* Water Supply: W-S

\* Intermittent Spin: I-S

\* Disentangle: D-T

COURSE STEP P E Time (SEC)	Wash										Rinse												Spin			E N D O F F	**Approx. Working Time (Minutes)			
	Pre				Main						Normal								Extra Rinse											
	Wash		Cool-down		1		2		3		4		Drain	Spin	D I T															
	W I S	Wash	Drain	I S	W I S	Heat	Wash	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					
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	30	31
60	★	60	300	180 ~ 240	★	60	60	60	60	60	300	60	240	60	300	60	240	60	300	60	240	60	300	60	240	60	★	60 ~ 180	20	20
BULKY/ LARGE	5					23																					5			57
PERM. PRESS	7					14																					11			54~63
DELICATES	5					20 18																					5			42
COTTON/ NORMAL	3 6					12 18						2				2											8 11			45~57
HAND WASH/ WOOL						25																					5			56
SPEED WASH						2						1				1											8			15
DRAIN+ SPIN																											11			13

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.

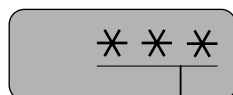
The washer must be empty and the controls must be in the off state.

1. Press the SPIN SPEED and SOIL LEVEL 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.
4. Alternate blinking of , and

Number of times the Start/Pause button is pressed	Check Point	Display Status
None	Turns on all lamps and locks the door.	
1 time	Tumble clockwise.	rpm (40~50)
2 times	Low speed Spin.	rpm
3 times	High speed Spin.	rpm
4 times	Inlet valve for prewash turns on.	Water level frequency (25~65)
5 times	Inlet valve for main wash turns on.	Water level frequency (25~65)
6 times	Inlet valve for hot water turns on.	Water level frequency (25~65)
7 times	Inlet valve for bleach turns on.	Water level frequency (25~65)
8 times	Tumble counterclockwise.	rpm (40~50)
9 times	Water temperature (Thermistor)	Water temperature [°C]
10 times	Drain pump turns on.	Water level frequency (25~65)
11 times	Power off and unlock the door.	Turn off all lamps.

### 7-3. HOW TO CHECK THE WATER LEVEL FREQUENCY

- \* Press the Delay and Signal button simultaneously.














- The digits indicate the water level frequency ( x.1 kHz ).

So, for example a display indicating 241: a Water level frequency of 241 x.1 kHz  
= 24.1 kHz

## 7-4. ERROR DISPLAY

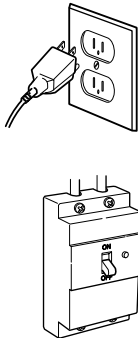


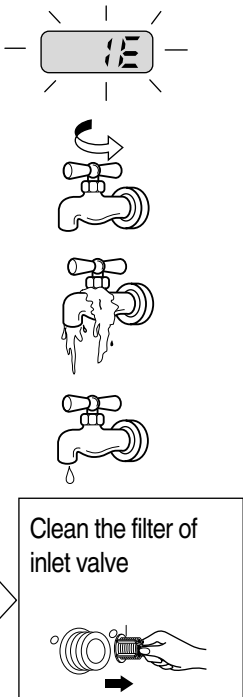
- If you press the START/PAUSE button when an error is displayed, any error except 『PE』 will disappear and the machine will go into the pause status.
- In case of 『PE』, 『UE』, 『DE』 if the error is not resolved within 20 sec., or the in case of other errors, if the error is not resolved within 4 min.,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


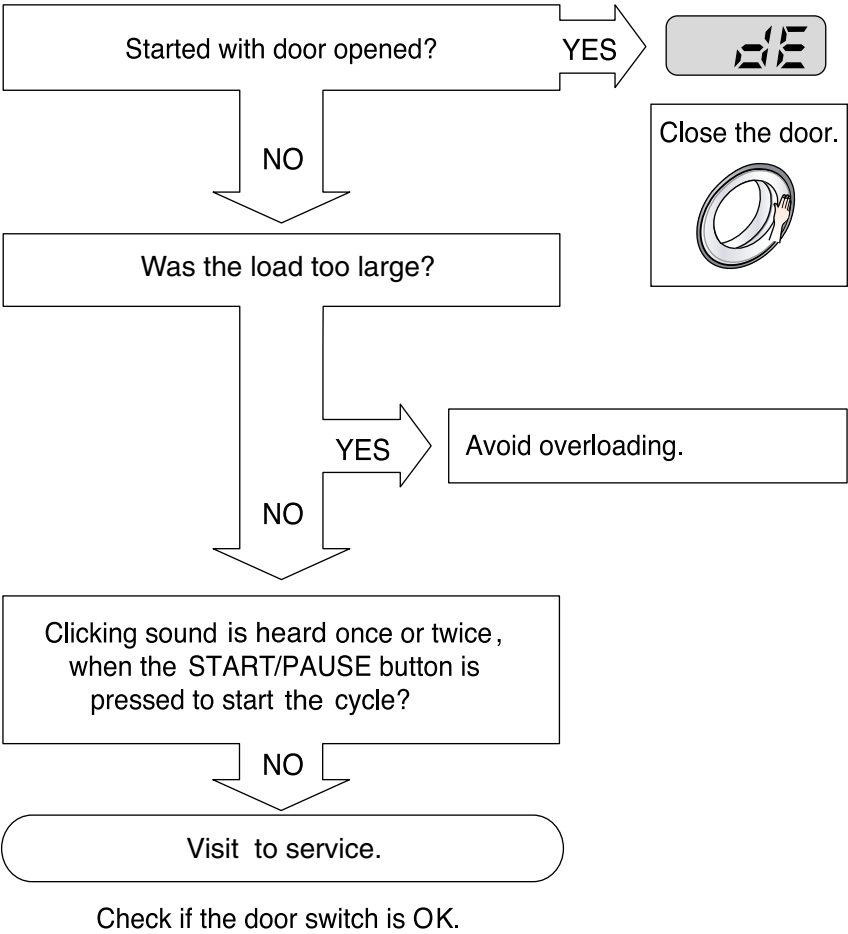

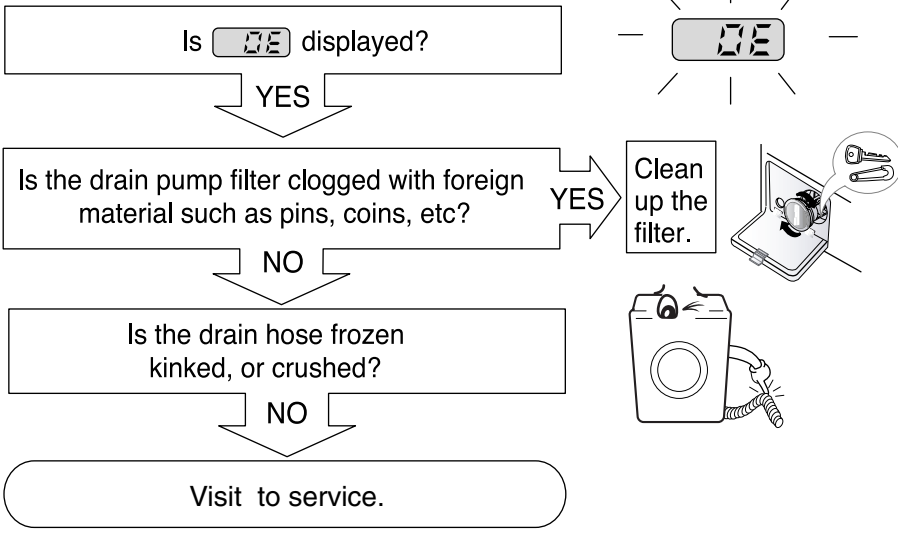
	ERROR	SYMPTOM	CAUSE
1	WATER INLET ERROR		<ul style="list-style-type: none"> <li>• Correct water level (246) is not reached within 8 minutes after water is supplied or it does not reach the preset water level within 25 minutes.</li> </ul>
2	IMBALANCE ERROR		<ul style="list-style-type: none"> <li>• The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

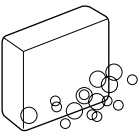
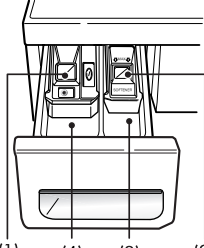
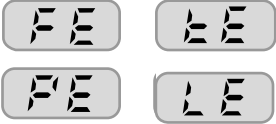
	ERROR	SYMPTOM	CAUSE
8	LOCKED MOTOR ERROR		<ul style="list-style-type: none"> <li>• The connector (3-pin, male, white) in the MOTOR HARNESS is not connected to the connector (3-pin, female, white) of STATOR ASSEMBLY.</li> <li>• The electric contact between the connectors (3-pin, male, white) in the MOTOR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

## 8. ERROR DIAGNOSIS AND CHECK LIST

### 8-1. DIAGNOSIS AND SOLUTION FOR ABNORMAL OPERATION

SYMPTOM	GUIDE FOR SERVICE CALL
<p>No power</p>	<div data-bbox="564 539 1126 904"> <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 data-bbox="1209 546 1347 882">  </div>
<p>Water inlet trouble</p> <div data-bbox="261 1111 424 1173">  </div>	<div data-bbox="564 1010 1126 1823"> <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</p> <p>NO</p> <p>Visit to service.</p> </div> <div data-bbox="1187 1021 1430 1715">  <p>Clean the filter of inlet valve</p> </div>

SYMPTOM	GUIDE FOR SERVICE CALL
<p>Door error</p> 	 <pre> graph TD     Q1[Started with door opened?] -- YES --&gt; A1[Close the door.]     Q1 -- NO --&gt; Q2[Was the load too large?]     Q2 -- YES --&gt; A2[Avoid overloading.]     Q2 -- NO --&gt; Q3[Clicking sound is heard once or twice, when the START/PAUSE button is pressed to start the cycle?]     Q3 -- NO --&gt; A3([Visit to service.])     A3 --- C[Check if the door switch is OK.]     </pre>
<p>Drain trouble</p> 	 <pre> graph TD     Q1[Is E2 displayed?] -- YES --&gt; Q2[Is the drain pump filter clogged with foreign material such as pins, coins, etc?]     Q2 -- YES --&gt; A1[Clean up the filter.]     Q2 -- NO --&gt; Q3[Is the drain hose frozen, kinked, or crushed?]     Q3 -- NO --&gt; A2([Visit to service.])     </pre>

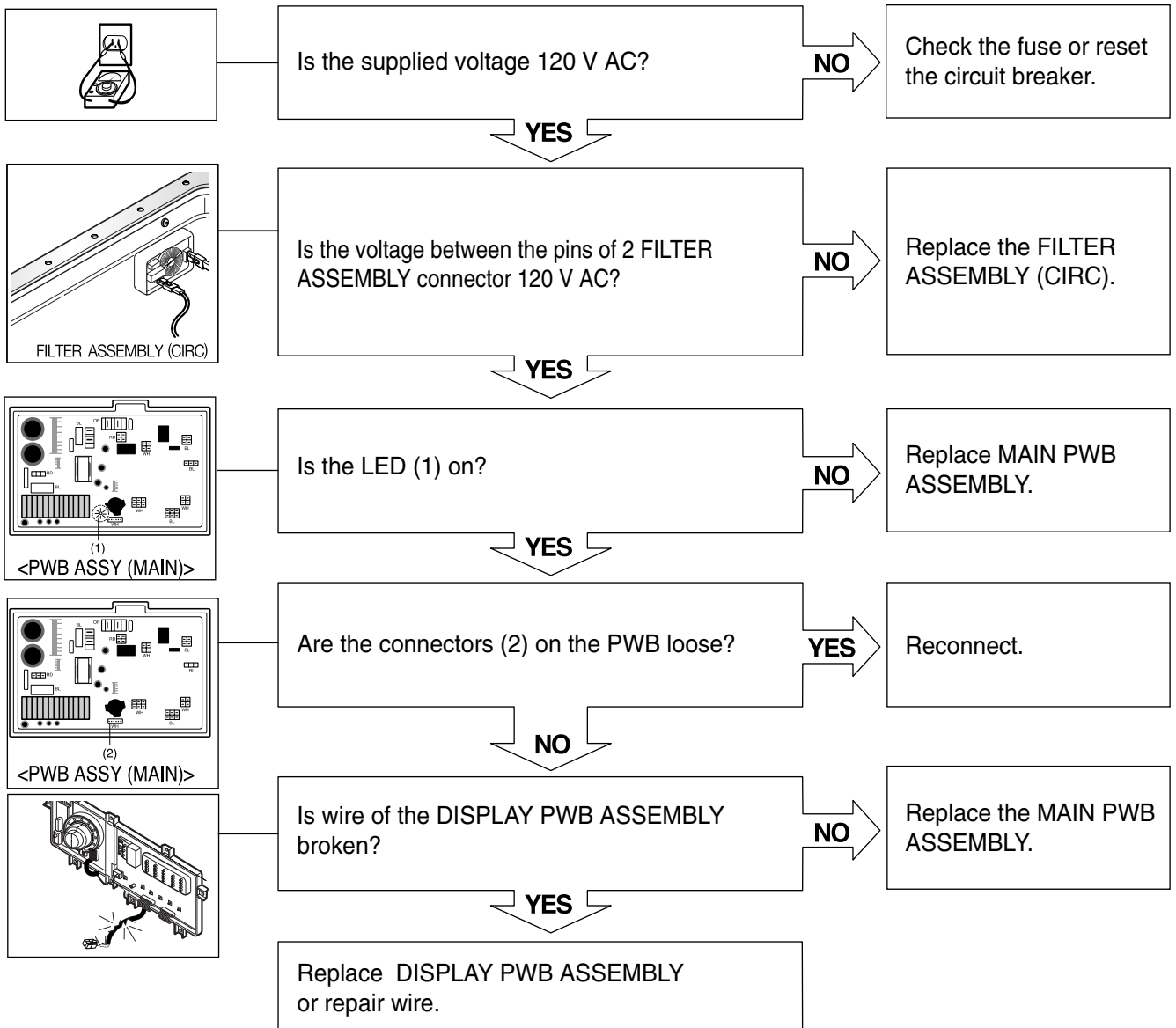
SYMPTOM	GUIDE FOR SERVICE CALL
<p>Suds overflow from the appliance. (In this condition, wash and spin do not operate normally)</p>	<div data-bbox="592 394 1150 495">Is a low-sudsing detergent used?</div> <div data-bbox="799 495 943 539">YES</div> <div data-bbox="592 551 1150 651">Is the proper amount of detergent used as recommended?</div> <div data-bbox="799 651 943 696">YES</div> <div data-bbox="592 696 1150 797">Recommend to reduce the amount of detergent.</div> <div data-bbox="635 819 1362 976"> <ul style="list-style-type: none"> <li>* This appliance has an automatic suds sensing function which prevents overflow.</li> <li>* When excessive suds are sensed, the suds removing implementations such as drain, water input, pause will operate, without rotating the drum.</li> </ul> </div> <div data-bbox="1222 405 1410 573">  <p>LOW-SUDSING</p> </div>
<p>Liquid laundry products do not flow in.</p>	<div data-bbox="592 1072 1150 1173">Is liquid laundry product put in the correct compartment of the dispenser?</div> <div data-bbox="799 1173 943 1352">YES</div> <div data-bbox="592 1352 1150 1420">Is the cap clogged?</div> <div data-bbox="799 1420 943 1464">YES</div> <div data-bbox="592 1464 1150 1532">Explain proper use of liquid laundry products.</div> <div data-bbox="624 1547 916 1581">Clean the compartment.</div> <div data-bbox="1182 1151 1426 1503">  <p>(1) Liquid chlorine Bleach Compartment (2) Liquid fabric Softener Compartment (3) Prewash Compartment (4) Main Wash Compartment</p> </div>
	<div data-bbox="587 1688 1150 1756">Visit to service.</div>

## 8-2. FAULT DIAGNOSIS AND TROUBLESHOOTING

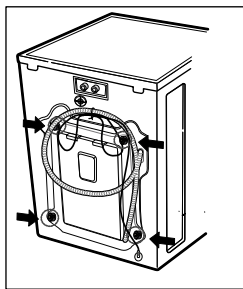
### CAUTION

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.

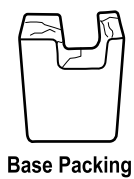
**YES**

Is the washer installed on a solidly constructed floor?

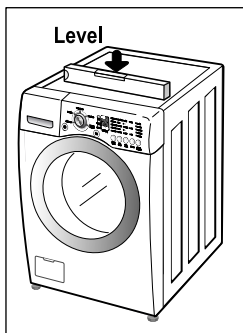
**NO**

Move the washer or reinforce the floor.

**YES**

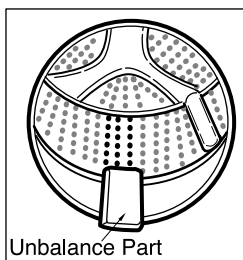


Check if the washer is perfectly level as follows:



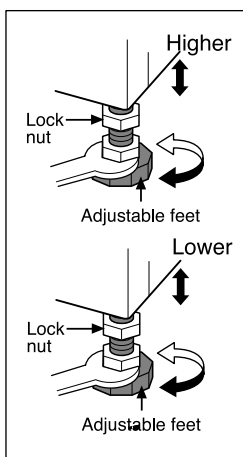
Check the leveling of the washer with a Level and check that the washer is stable.

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.

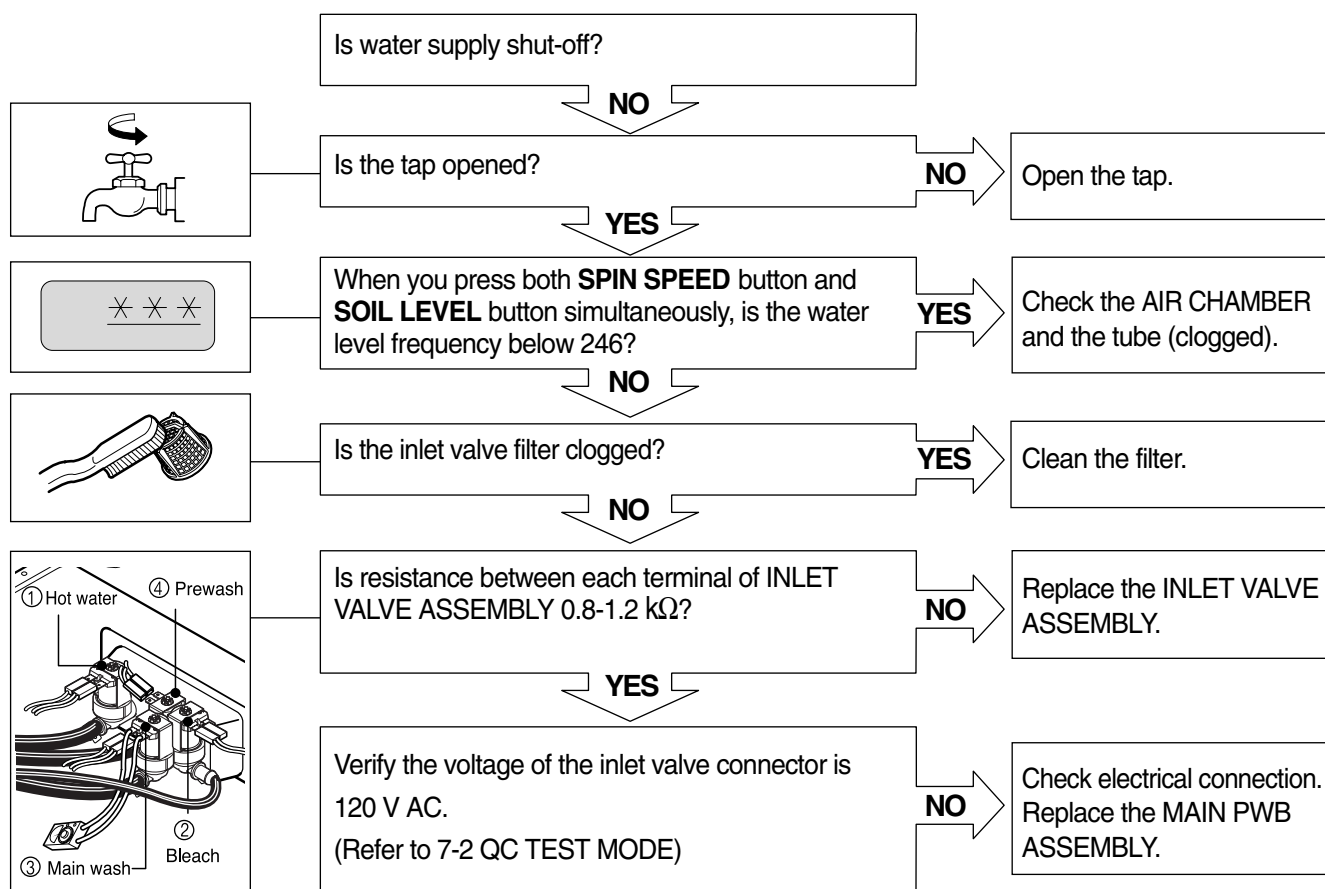


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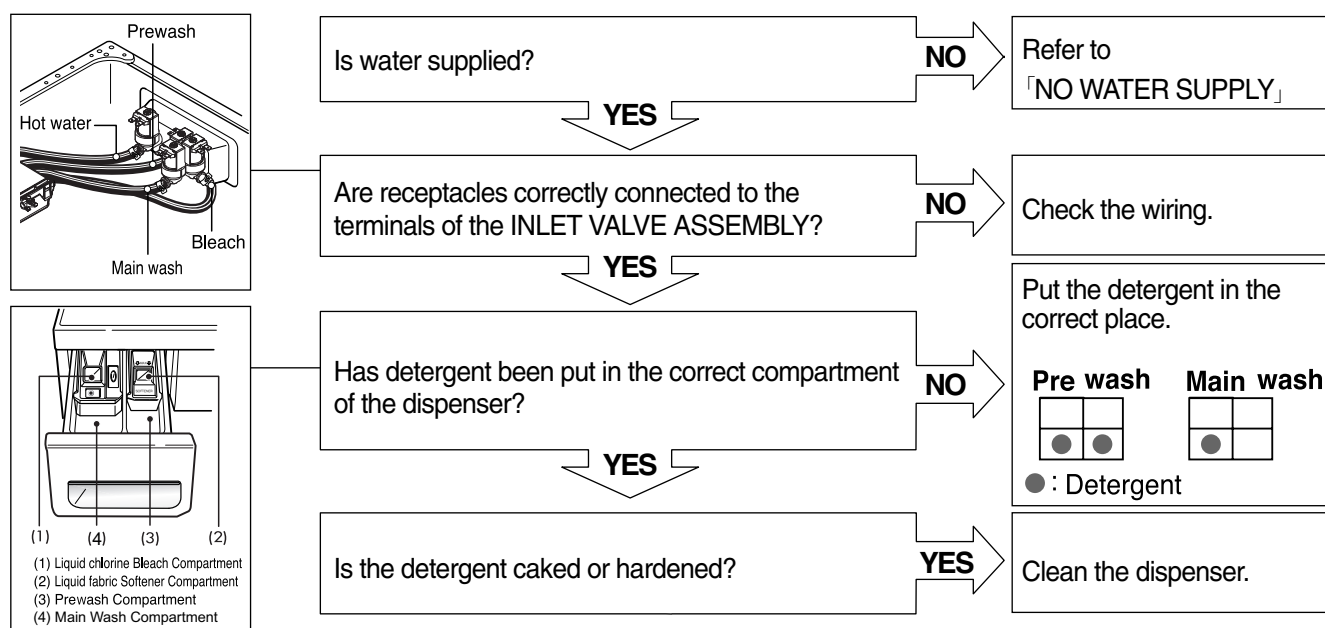
If it still has severe vibration and noise, regulate a specific spin speed that generates excessive vibration and noise as follows:

- 1) Put an unbalance part (rubber) inside of the drum.
  - 2) Start the QC test mode (Refer to section 7-2).
  - 3) Press Delay Wash button, then ' 5 ' is displayed.
  - 4) Press the Spin Speed button repeatedly to select EXTRA HIGH.
  - 5) Press the Start/Pause button.
  - 6) Press the Signal button repeatedly to set spin speed (600, 700, 800, 900, 1000, 1100 rpm) and check if there is vibration and noise.
  - 7) If there is no vibration and noise, increase the spin speed by pressing Signal button.
  - 8) If there is vibration and noise, press the Cycle selector button to reduce the Spin Speed (reduce by 50 and 100 rpm). In case of 600 rpm, it can not reduce the spin speed.
  - 9) If vibration and noise are reduced, press the WASH/RINSE button to store (2 beep sounds).
- \* If you want to return to factory default spin speed setting, repeat above steps except step 8).

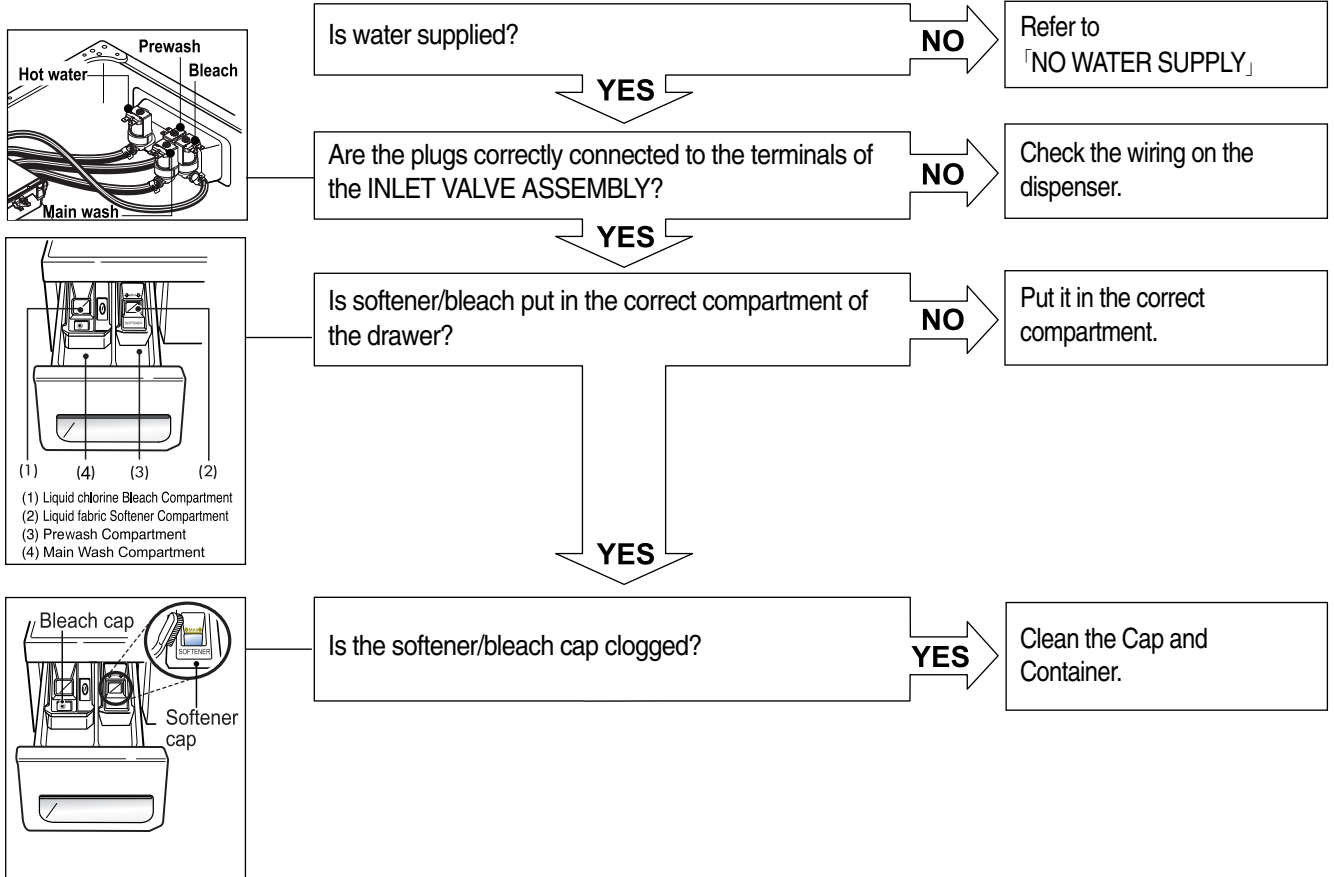
## NO WATER SUPPLY



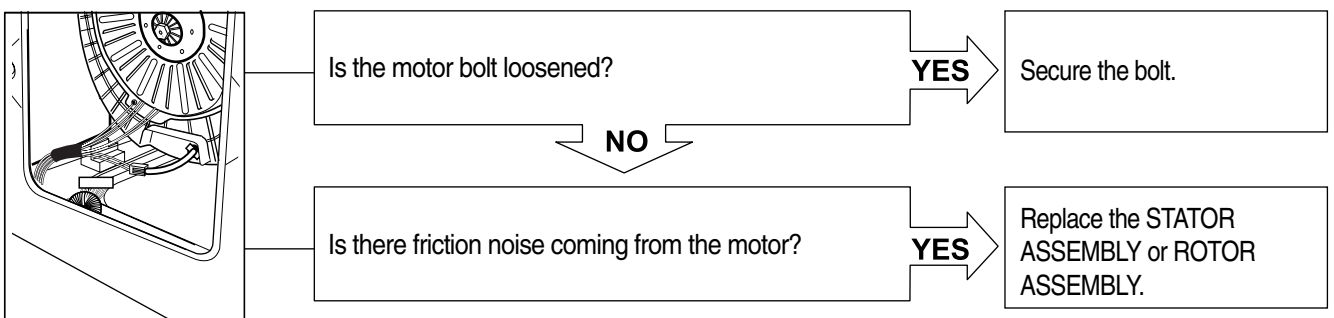
## DETERGENT DOES NOT FLOW IN



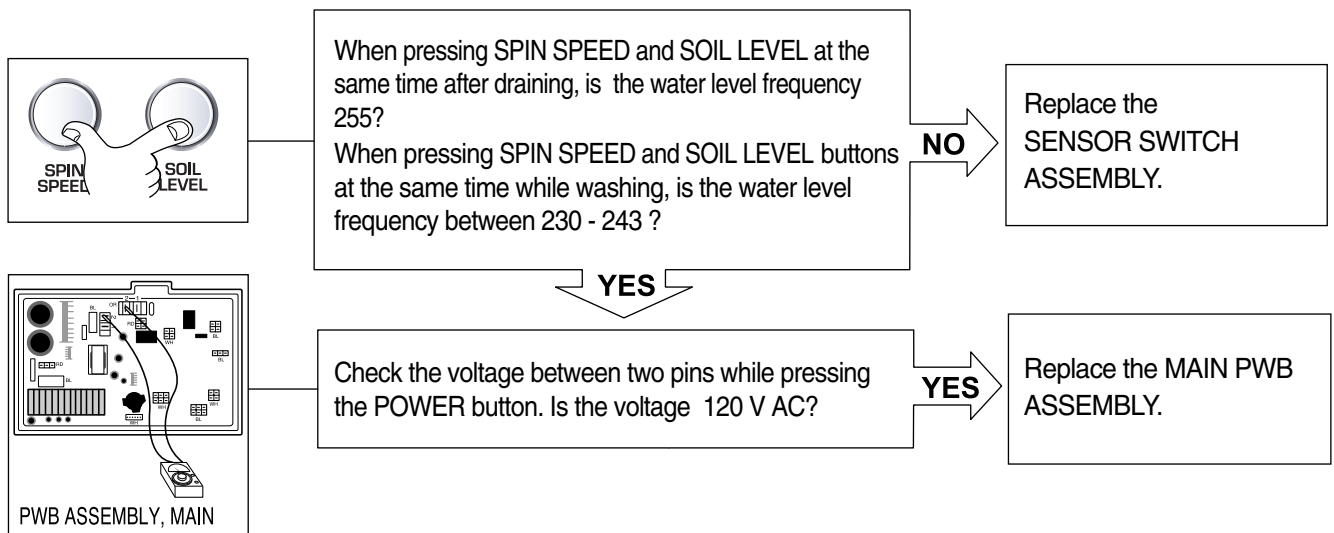
## SOFTENER/BLEACH DOES NOT FLOW IN



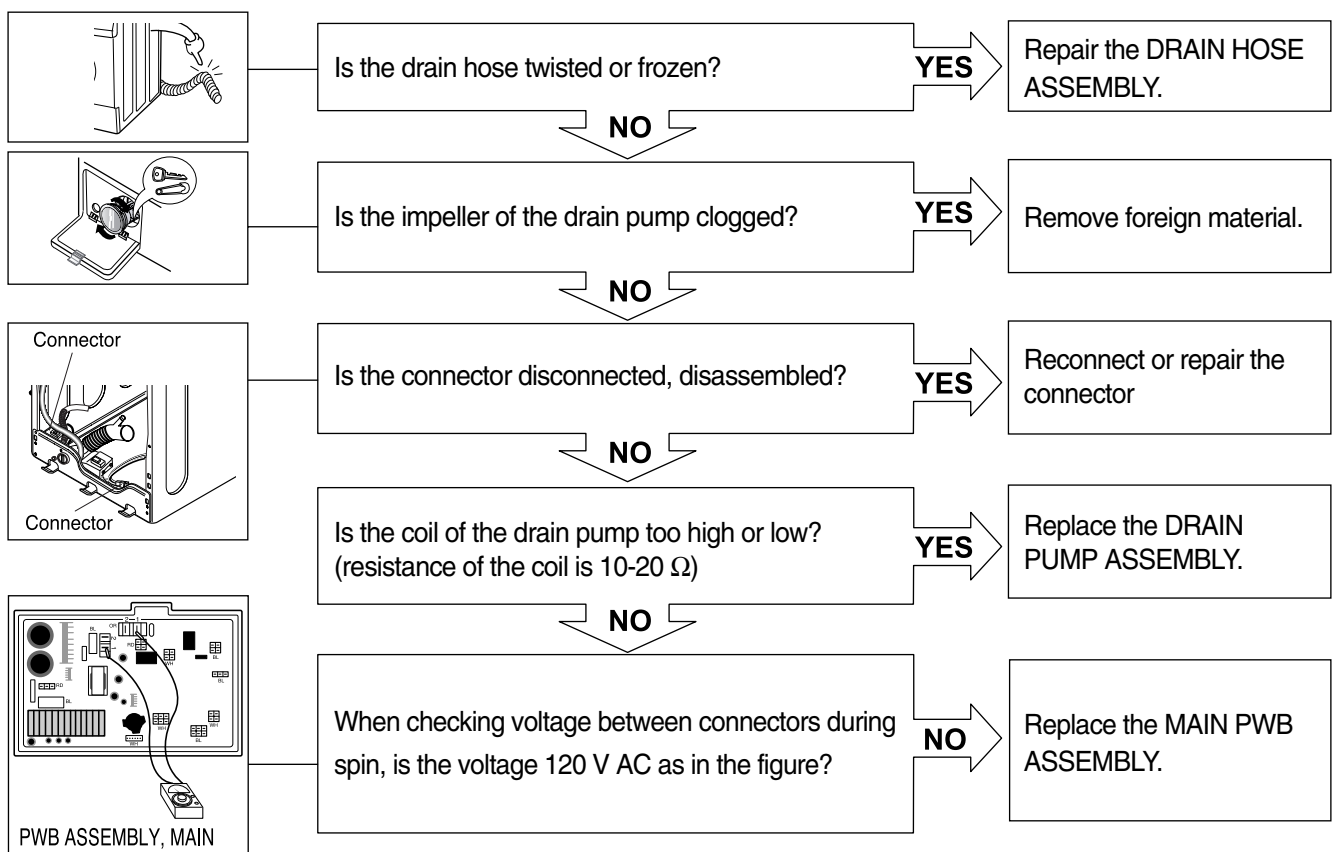
## ABNORMAL SOUND



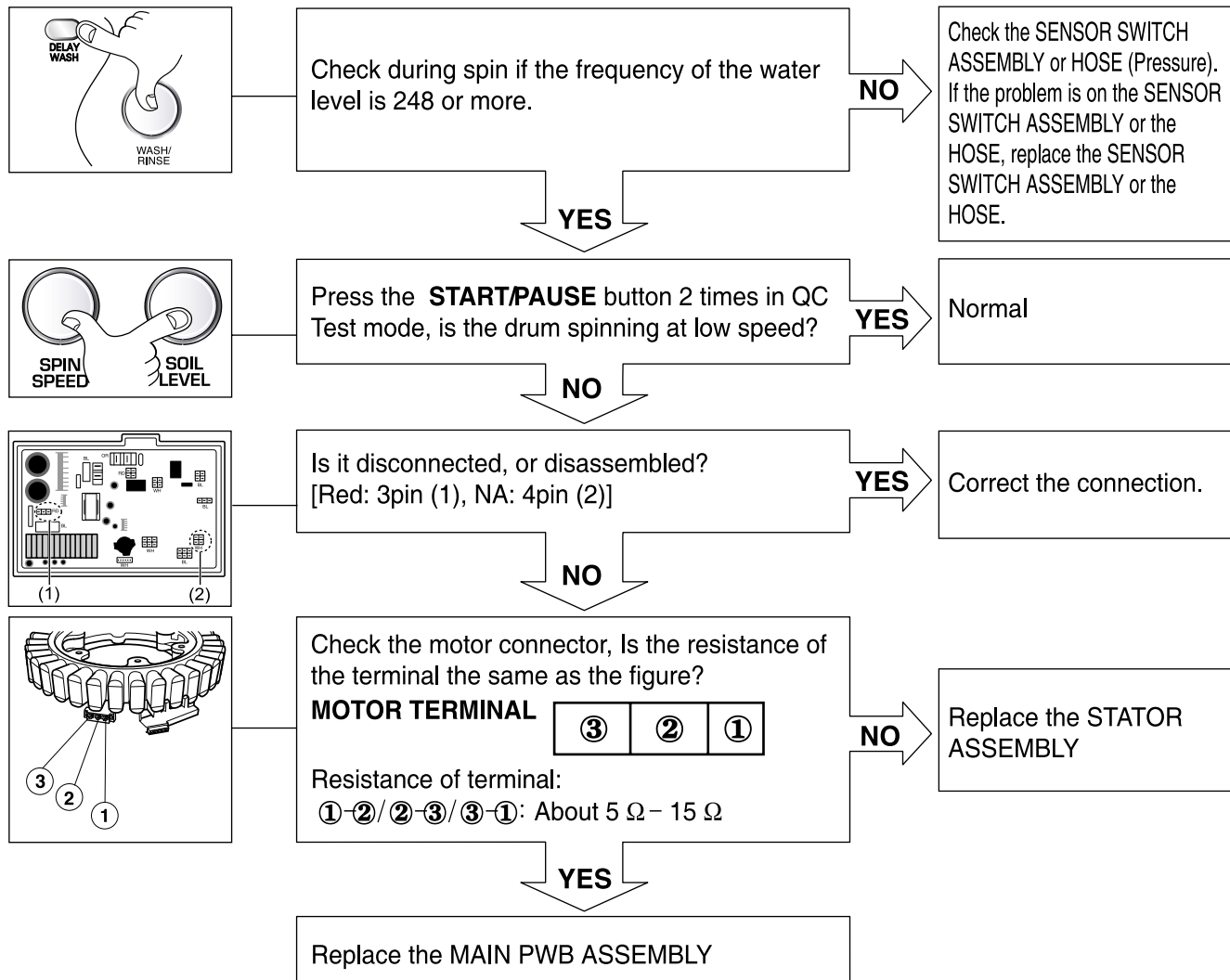
## HEATING WITHOUT WATER



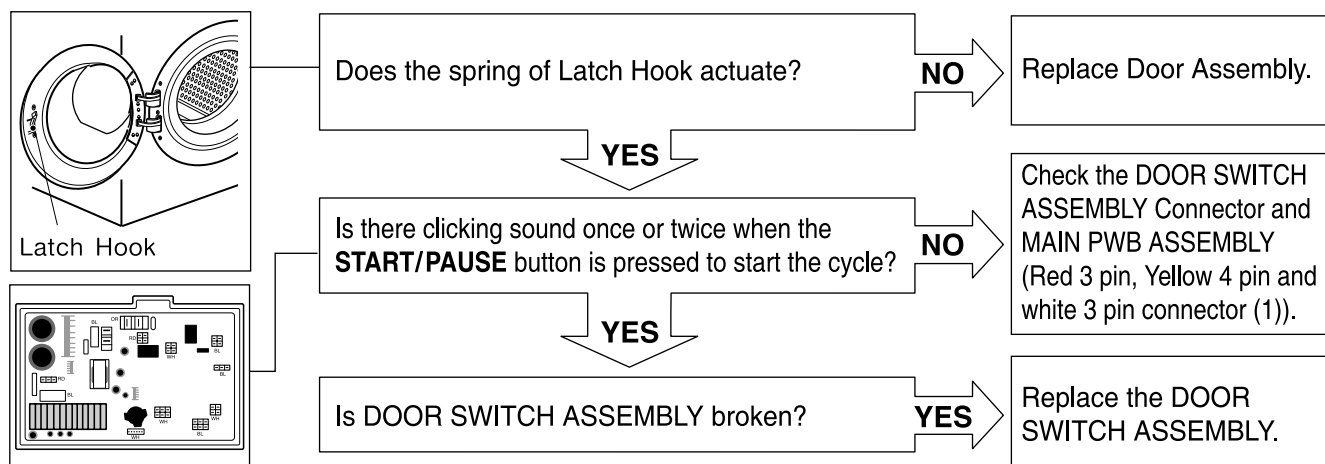
## DRAIN MALFUNCTION



## SPIN TROUBLE



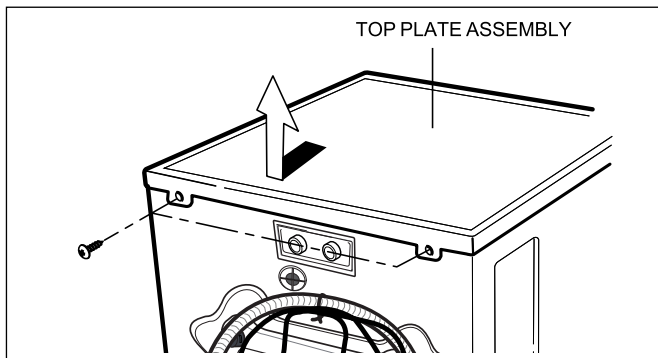
## ERROR



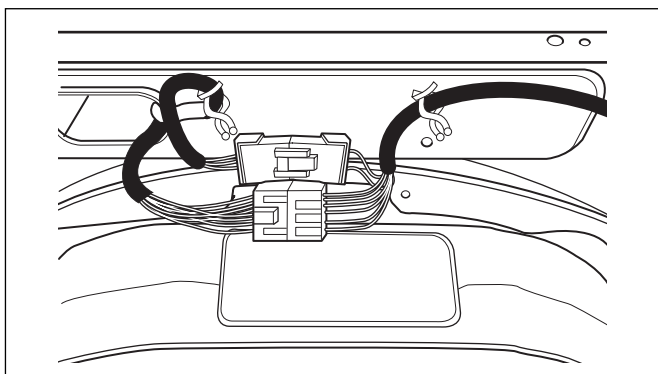
## 9. DISASSEMBLY INSTRUCTIONS

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

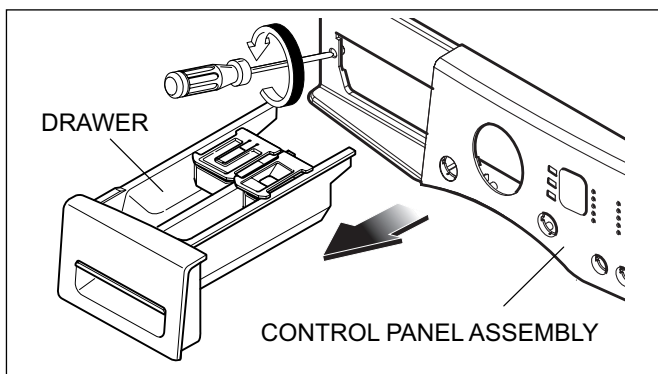
### CONTROL PANEL ASSEMBLY



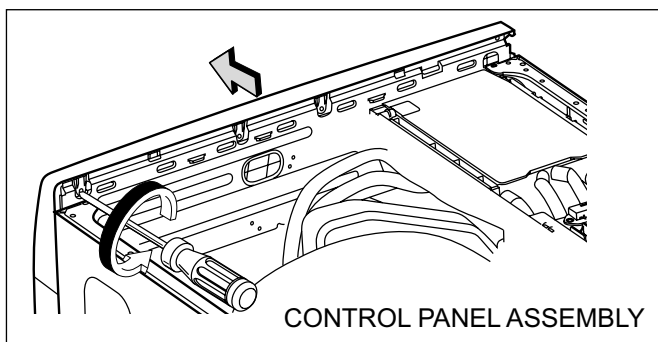
- ① Unscrew 2 screws on the back of the top plate.
- ② Pull the top plate backward and upward as shown.



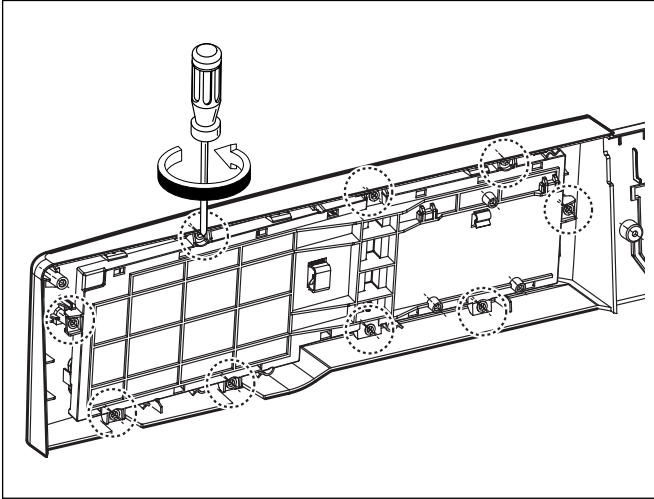
- ③ Disconnect the connectors from the Main PWB Assembly



- ④ Pull out the drawer and unscrew 2 screws.
- ⑤ Lift the left side of the Control Panel Assembly and pull it out.



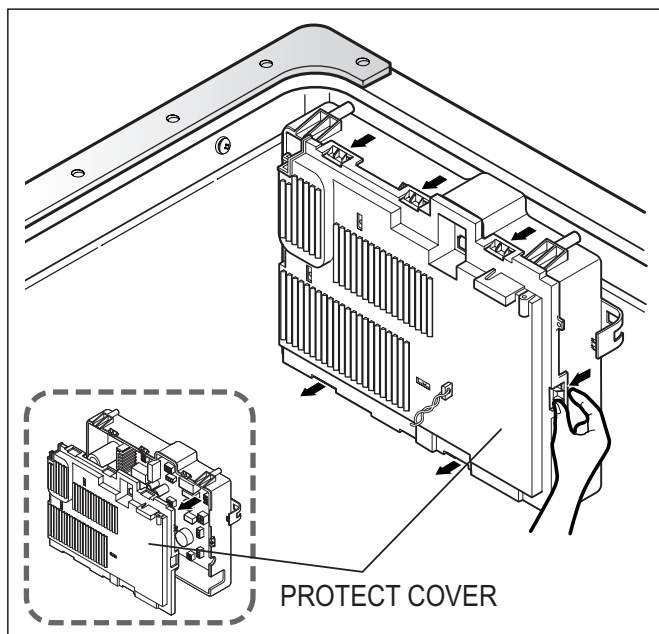
- ⑥ Pull out the control Panel unscrew 1 screws.



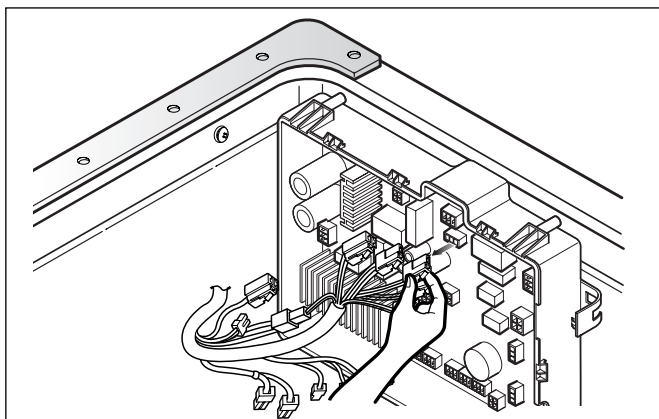
⑦ Unscrew the 9 screws from the Control Panel Assembly.

⑧ Disassemble the Display PWB Assembly.

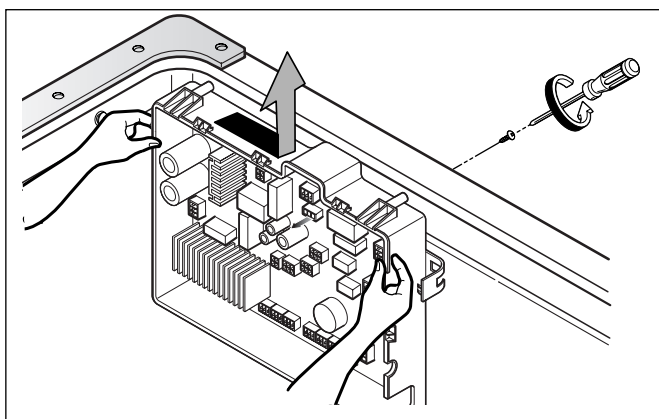
## MAIN PWB ASSEMBLY



- ① Disconnect the POWER connector and SENSOR SWITCH ASSEMBLY.
- ② Remove the Protect Cover.
- ③ Disassembled keeping wire.



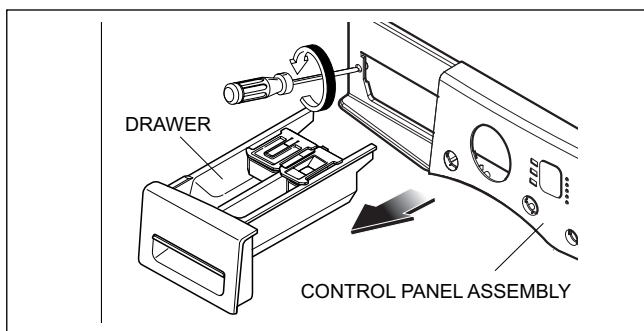
- ③ Disconnect the connectors.



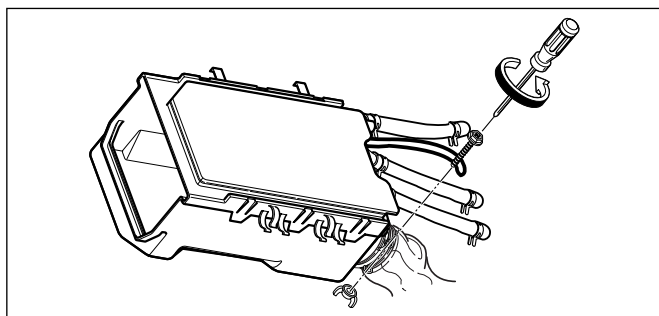
- ④ Unscrew 1 screw on the back.
- ⑤ Disassemble the Main PWB.



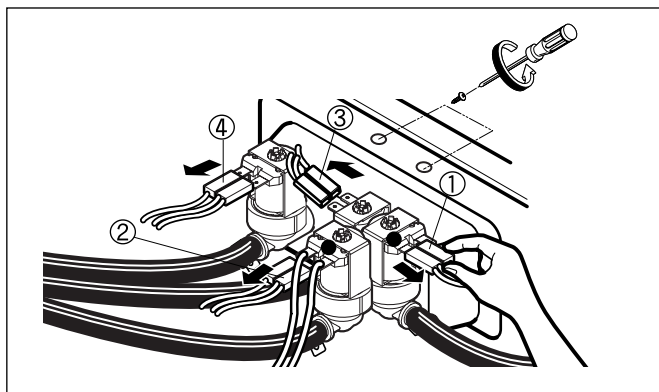
## DISPENSER ASSEMBLY



- 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.



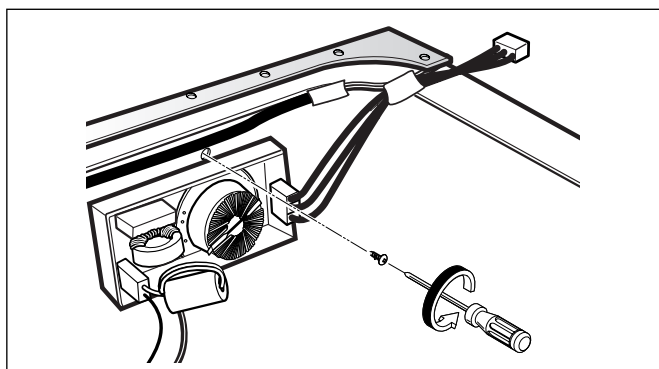
- ⑤ Disassemble the 4 connectors from the valves.

### ※ Wire Color

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

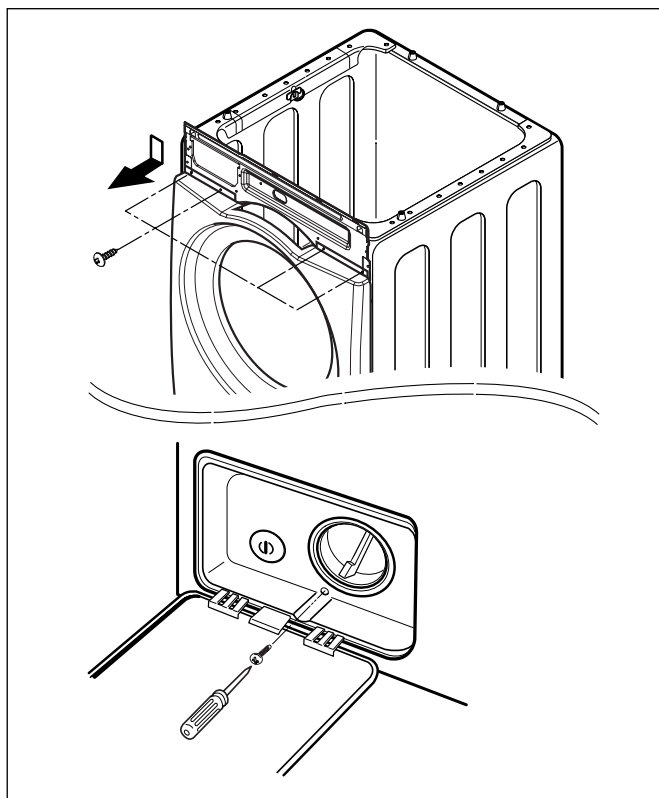
- ⑥ Unscrew 2 screws from the back of the cabinet.

## NOISE FILTER

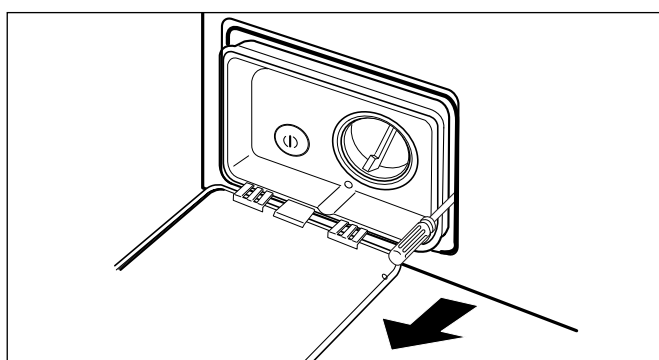


- ① Disassemble two connectors from the Filter Assembly.
- ② Unscrew a screw from the TOP BRACKET.

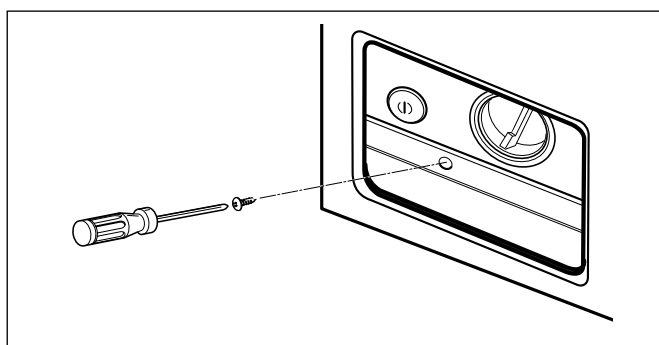
## CABINET COVER



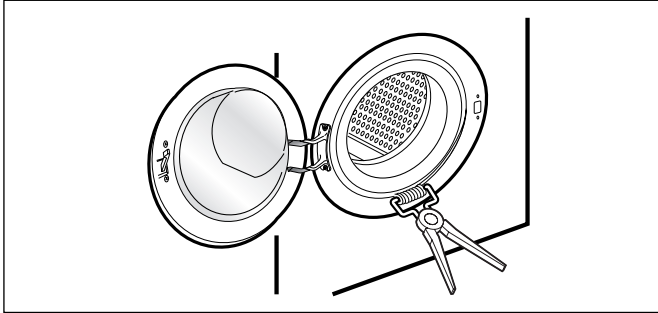
- ① Unscrew the 3 screws from upper of the cabinet cover.
- ② Unscrew the screw from filter cover.



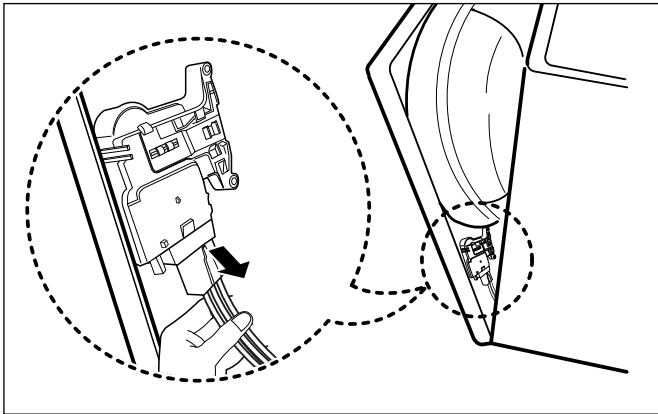
- ③ Put a flat ( - ) screwdriver or putty knife into the both sides of the filter cover, and pull it out.



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

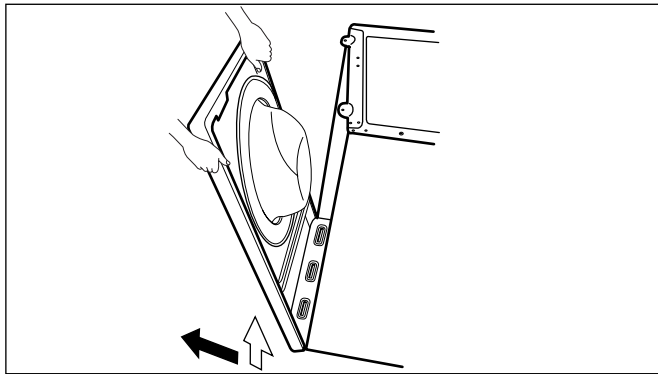


- ⑤ Open the door.
- ⑥ Disassemble the clamp assembly.

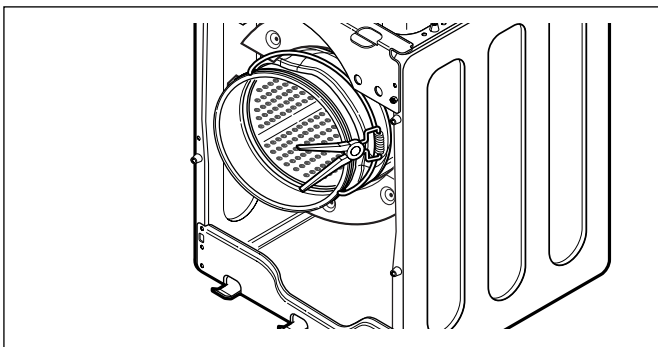


- ⑦ Tilt the cabinet cover.
- ⑧ Disconnect the door switch connector.

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

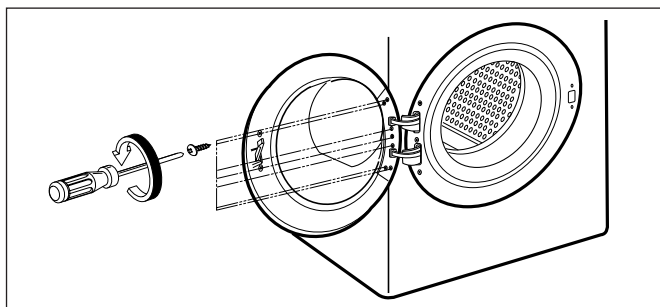


- ⑨ Lift and separate the cabinet cover.



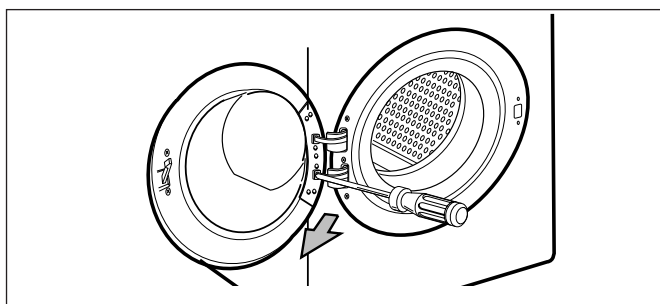
- ⑩ Disassemble the clamp assembly.
- ⑪ Disassemble the Gasket.

## DOOR

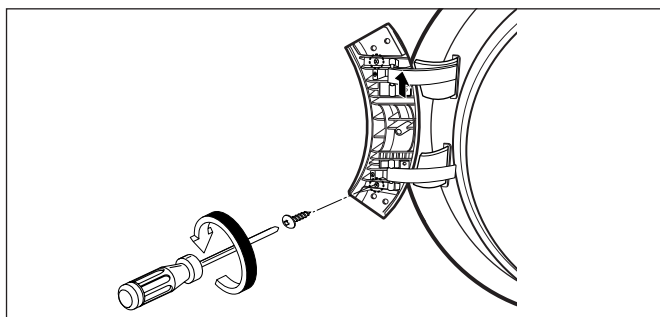


① Open the door.

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.

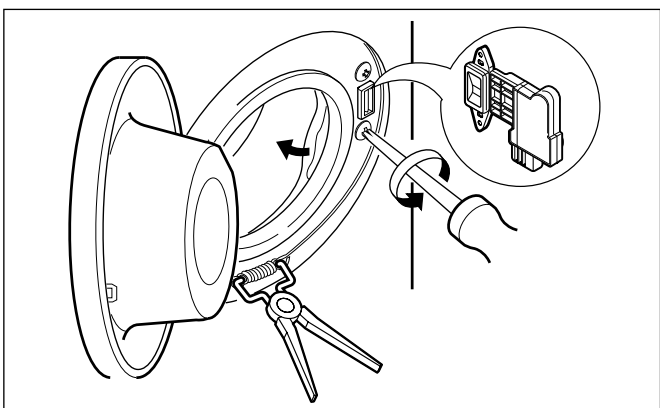


④ Unscrew a screw from the lower side of door.

⑤ Disassemble the door upward.

※ **Be careful!** The door is heavy.

## DOOR LOCK SWITCH ASSEMBLY



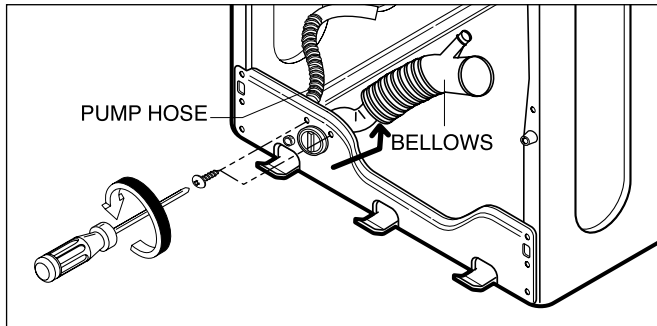
① Open the door and disassemble the CLAMP ASSEMBLY.

② Unscrew the 2 screws.

### ※ NOTE

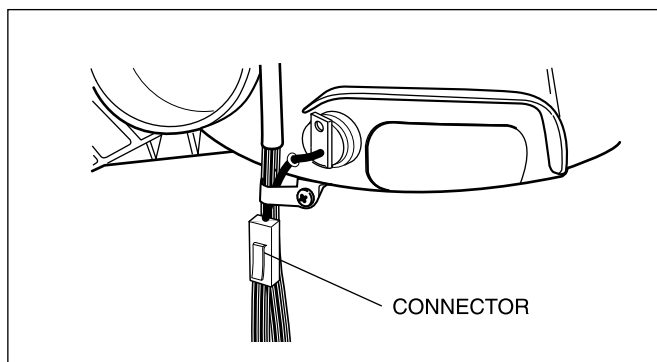
- Reconnect the connector after replacing the DOOR SWITCH ASSEMBLY.

## PUMP



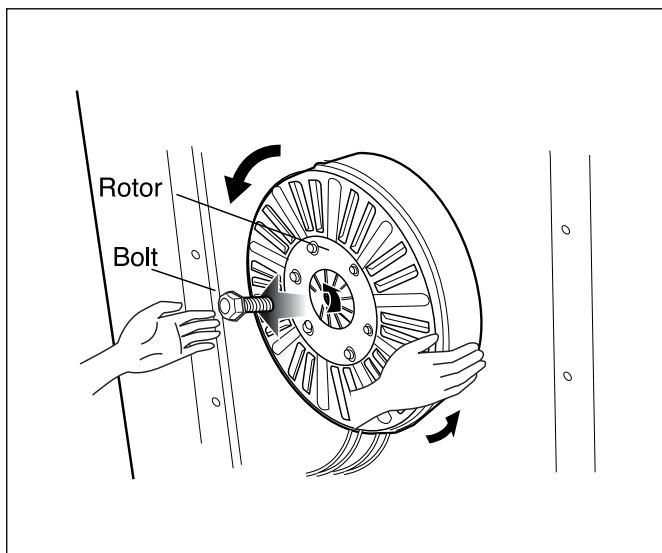
- ① Disassemble the cabinet cover.
- ② Separate the pump hose, the bellows and the circulation hose assembly from the pump assembly.
- ③ Disassemble the pump assembly in arrow direction.

## THERMISTOR

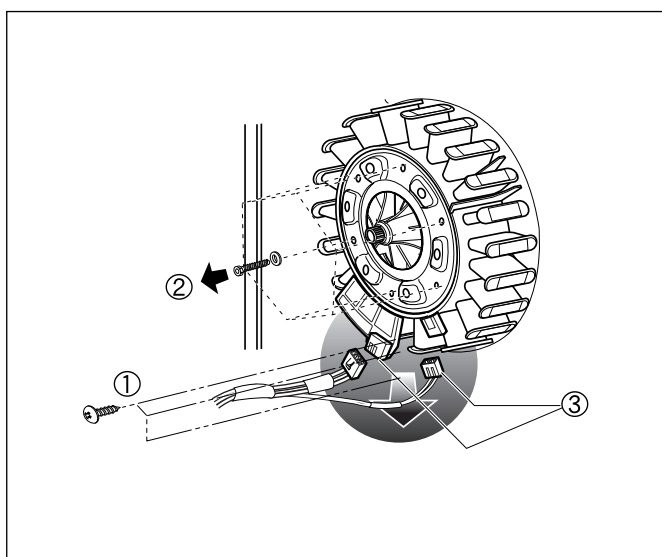


- ① Disassemble the Back cover.
- ② Unscrew a screw from the Tub.
- ③ Unplug the white connector from the thermistor.
- ④ Pull it out by holding the bracket of the thermistor.

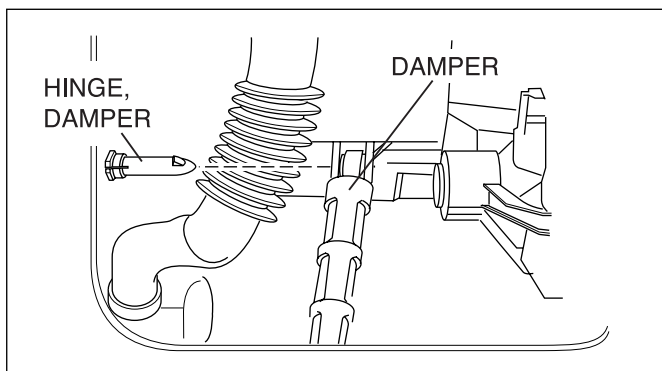
## MOTOR/DAMPER



- 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.

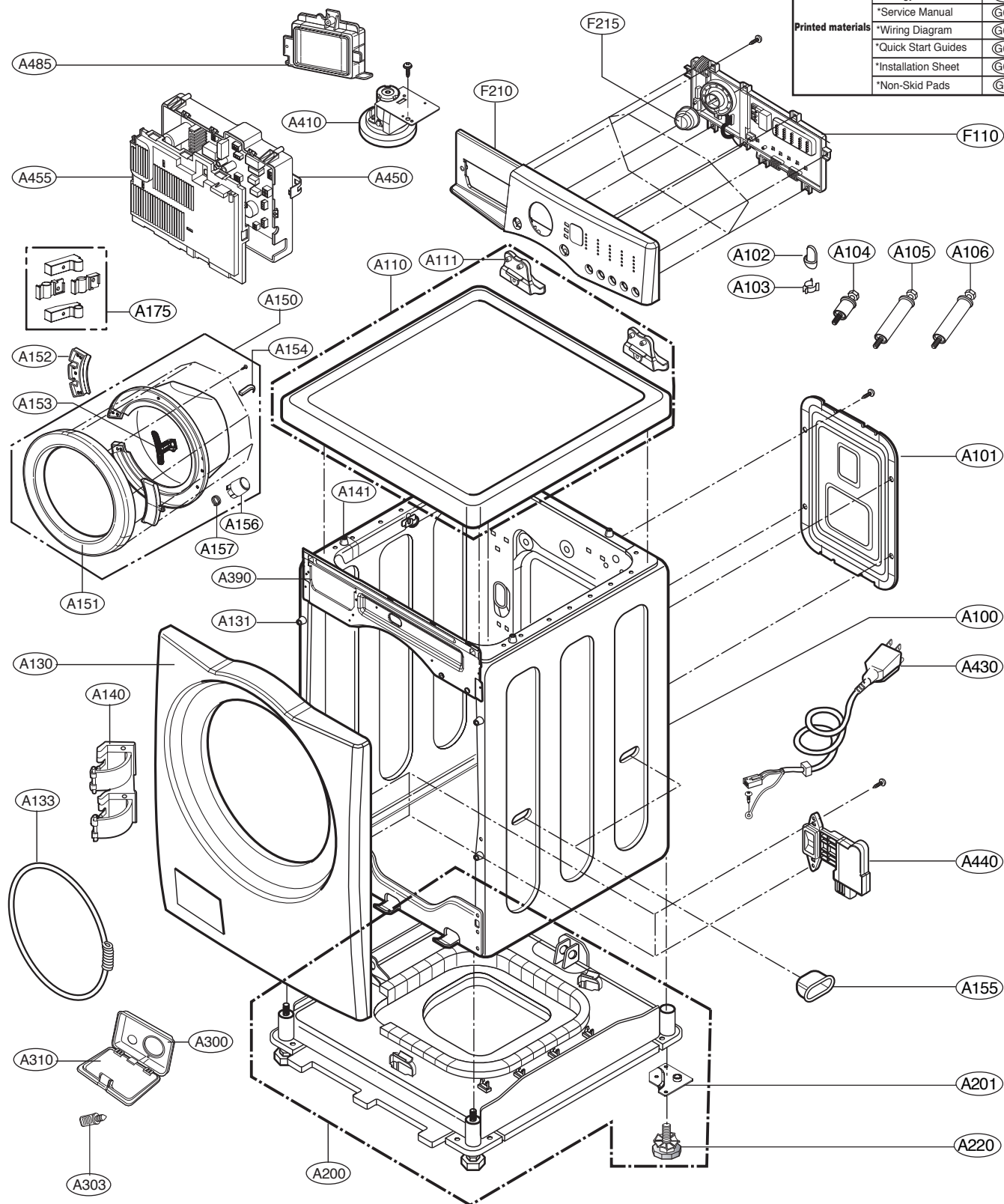
### ※ NOTE

- Once removed, replace the damper with new one.

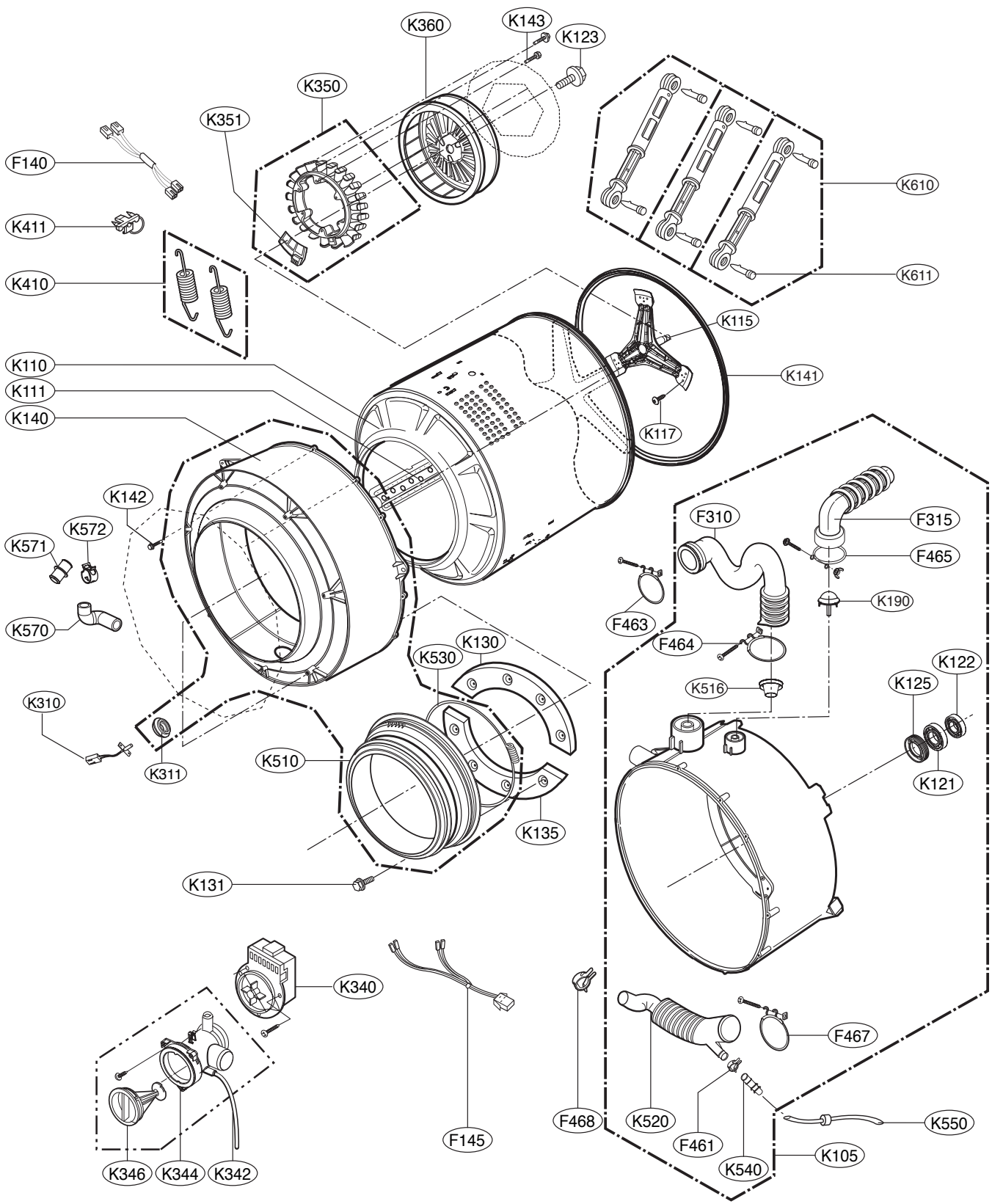
# 10. EXPLODED VIEW

## 10-1. CABINET & CONTROL PANEL ASSEMBLY

"The following parts are not illustrated"		
	Description	Loc No.
Printed materials	*Owner's Manual	G001
	*Energy Label	G002
	*Service Manual	G004
	*Wiring Diagram	G005
	*Quick Start Guides	G006
	*Installation Sheet	G007
	*Non-Skid Pads	G010



# 10-2. DRUM & TUB ASSEMBLY





# 10-3. DISPENSER ASSEMBLY

