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WASHING MACHINE SERVICE MANUAL

CAUTION

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

MODEL : WM2411HW / WM2011 HS WM2011HW / WM1811CW WM2432HW / WM2032 HS WM2032HW / WM1832CW



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1. SPECIFICATIONS

| ІТ | EM | WM2411HW WM2432HW | | | | | | | |
|----------------|---------------|--|-------------------------------|-----------|--|--|--|--|--|
| POWER | SUPPLY | 120V ~ 60Hz | | | | | | | |
| PRODUCT | T WEIGHT | | 190 lbs. (86 kg) | | | | | | |
| ELECTRIC | WASHING | | 235W | | | | | | |
| POWER | DRAIN MOTOR | | 80W | | | | | | |
| CONSUMPTION | WASH HEATER | | 1000W | _ | | | | | |
| REVOLUTION | WASH | | 42 rpm | | | | | | |
| SPEED | SPIN | 0-1200 rpm | 0-1000 rpm | 0-900 rpm | | | | | |
| Cì | CLES | 9 | 7 | 5 | | | | | |
| WASH / RINSE T | EMPERATURES | 6 | 6 5 | | | | | | |
| SPIN S | PEEDS | 6 5 5 | | | | | | | |
| OPTI | ONS | Prewash, Stain Cycle, Quick Cycle, Extra Rinse, Rinse+Spin, Delay Wash | | | | | | | |
| CUSTOM F | PROGRAM | Incorporated | | | | | | | |
| WATER CIF | RCULATION | Incorporated – | | | | | | | |
| OPERATIONAL W | ATER PRESSURE | 4.5–145 psi (30-1000 kPa) | | | | | | | |
| CONTRO | DL TYPE | Electronic | | | | | | | |
| WASH C | APACITY | 3.22 cu.ft (3.72 cu.ft.IEC) | | | | | | | |
| DIMEN | SIONS | 27"(W) X 29 -1/2"(D) X 42 -3/4"(H), 49 -4/5"(D, door open) | | | | | | | |
| DELAY | WASH | up to 19 hours | 19 hours up to 12 hours up to | | | | | | |
| DOOR SWI | TCH TYPE | PTC + Solenoid | | | | | | | |
| WATER | LEVEL | 7 steps (by sensor) | | | | | | | |
| LAUNDRY LO | AD SENSING | Incorporated | | | | | | | |
| ERROR DI | AGNOSIS | Incorporated | | | | | | | |
| AUTO PO | WER OFF | Incorporated | | | | | | | |
| CHILD | LOCK | Incorporated | | | | | | | |

2. FEATURES & TECHNICAL EXPLANATION

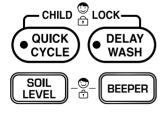
2-1.FEATURES











Direct Drive System

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

Tilted Drum and Extra Large Door Opening

The tilted drum and extra large door opening make it possible to load and unload easily.

Water Circulation (WM2411HW, WM2011HS, WM2011HW, WM2432HW, WM2032HS, WM2032HW)

Spray detergent solution and water onto the load repeatedly. Clothes are soaked more quickly and thoroughly during the wash cycle. Detergent suds are eliminated more easily by the water shower during rinse cycle. The water circulation system uses both water and detergent more efficiently.

RollerJets

(WM2411HW, WM2011HS, WM2011HW, WM2432HW, WM2032HS, WM2032HW)

The washing ball enhances wash performance and reduces damage to clothing. The jets spray and help tumble clothes to enhance washing performance while maintaining fabric care.

■ Built-in Heater (WM2411HW, WM2011HS, WM2011HW, WM2432HW, WM2032HS, WM2032HW)

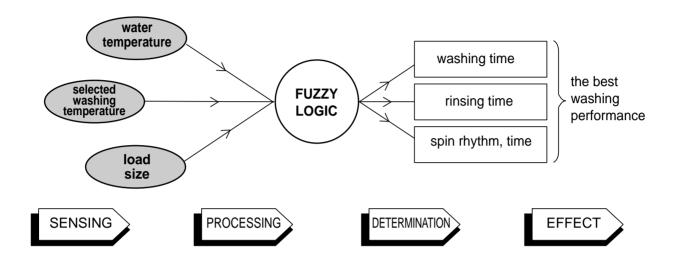
The internal heater automatically heats the water to the optimum temperature on selected cycles.

Child Lock

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

2-2.FUZZY LOGIC 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.



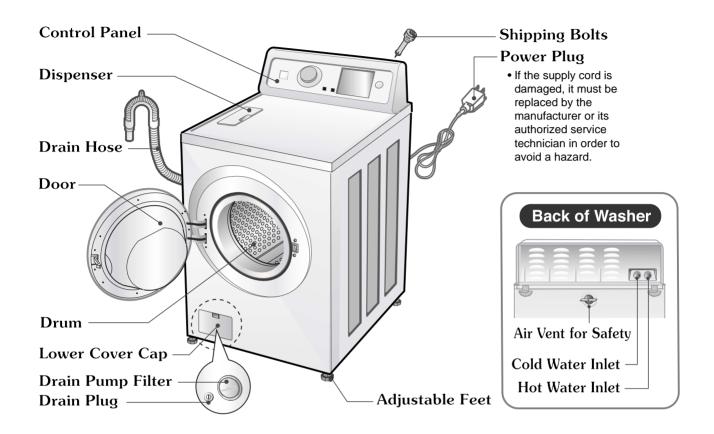
2-3.WATER LEVEL CONTROL

- 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.

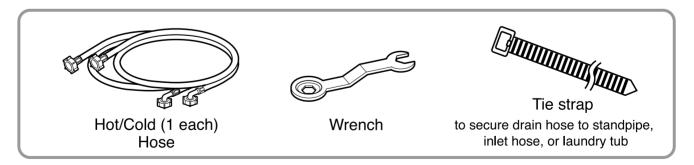
2-4.DOOR CONTROL

- 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 lock for 5 minutes.
- Clicking sounds can be heard when the door is locked / unlocked.

3. PARTS IDENTIFICATION



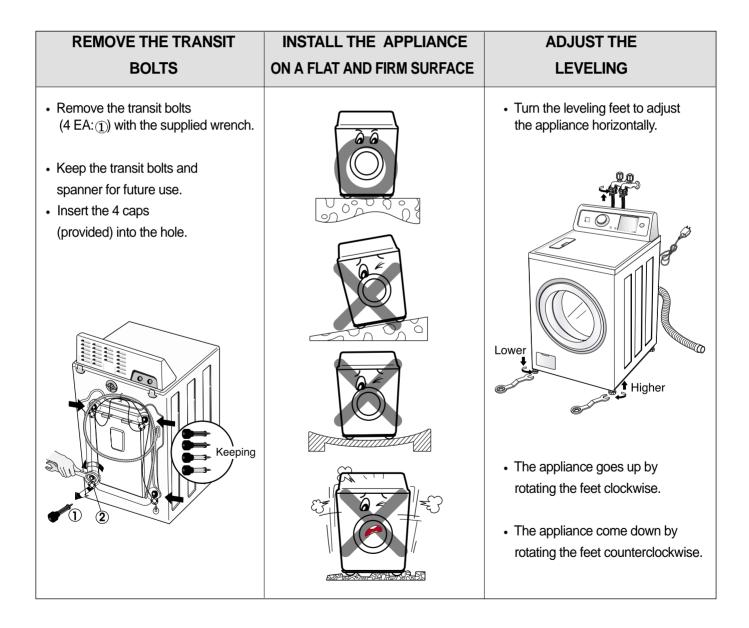
ACCESSORIES



4. INSTALLATION

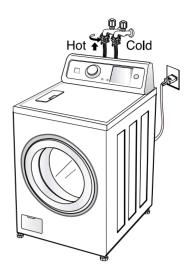
- 1 Before servicing, ask the customer what the trouble is.
- 2 Check the setup (power supply is 120V AC, remove the transit bolts....).
- 3 Check with the troubleshooting guide.
- 4 Plan your service method by referring to the disassembly instructions.
- 5 Service the unit.
- 6 After servicing, operate the appliance to see whether it functions correctly.
- STANDARD INSTALLATION

The appliance should be installed as follows:

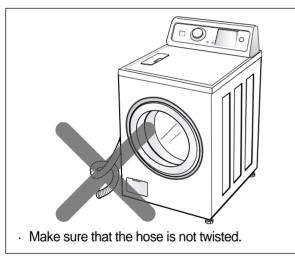


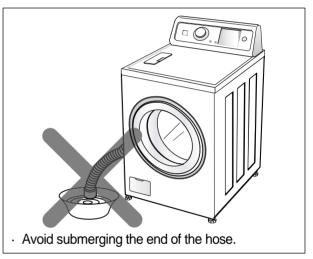
■ HOW TO CONNECT THE INLET HOSE

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



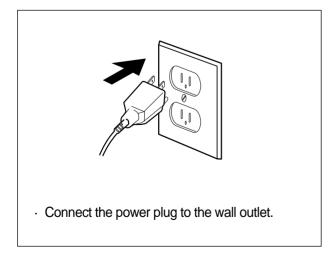
■ CONNECT THE DRAIN HOSE

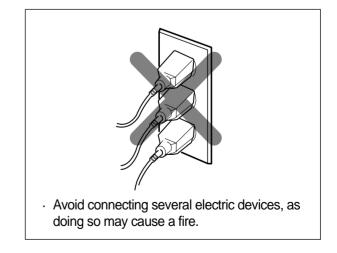




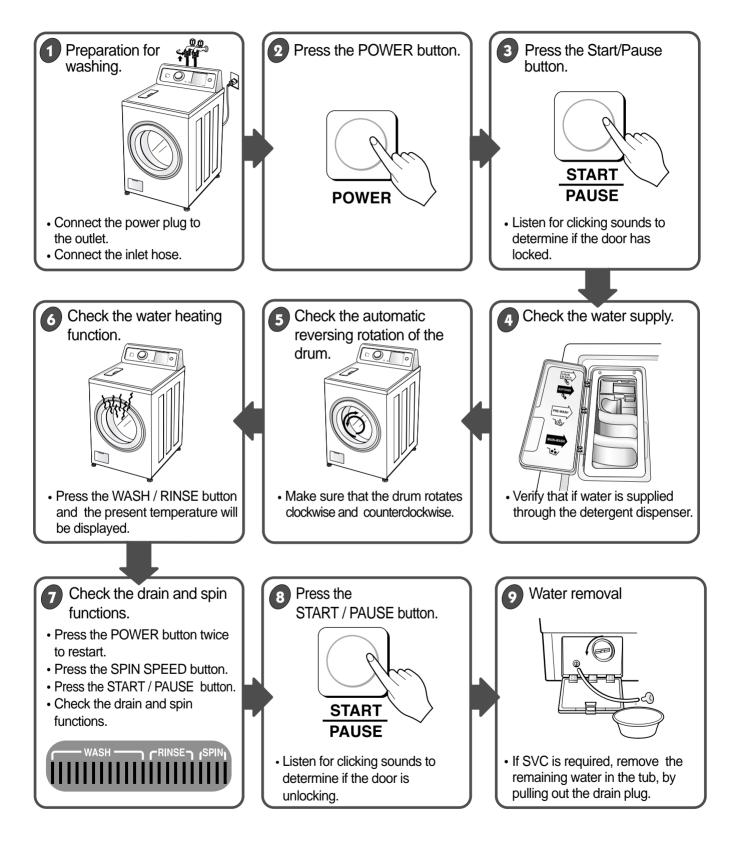
% The end of the drain hose should be placed less than 96" from the floor.

■ CONNECT POWER PLUG

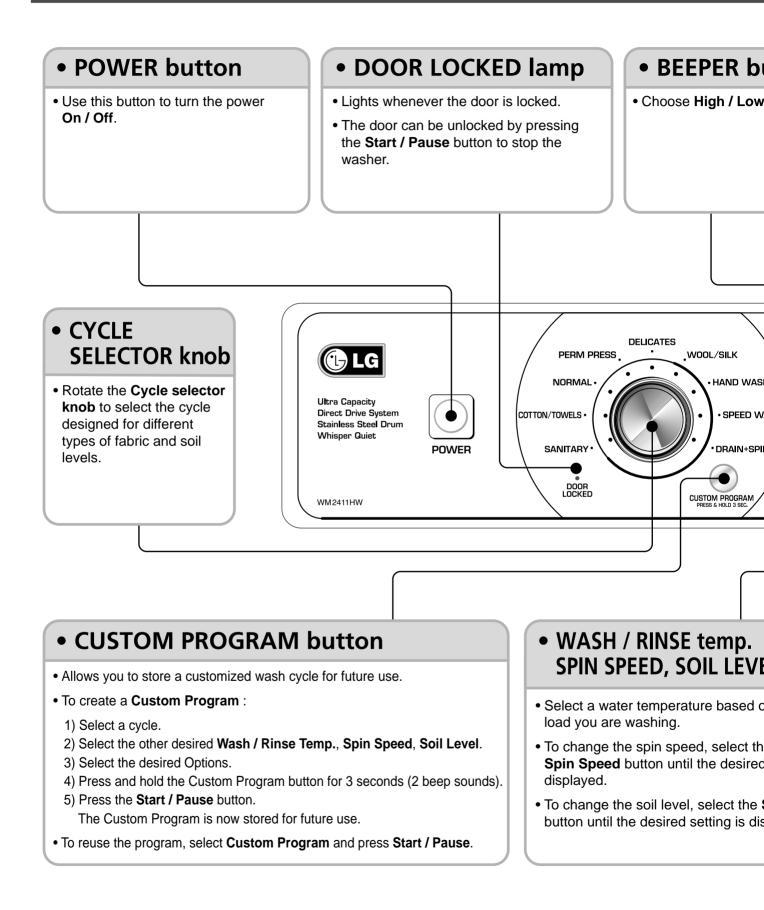


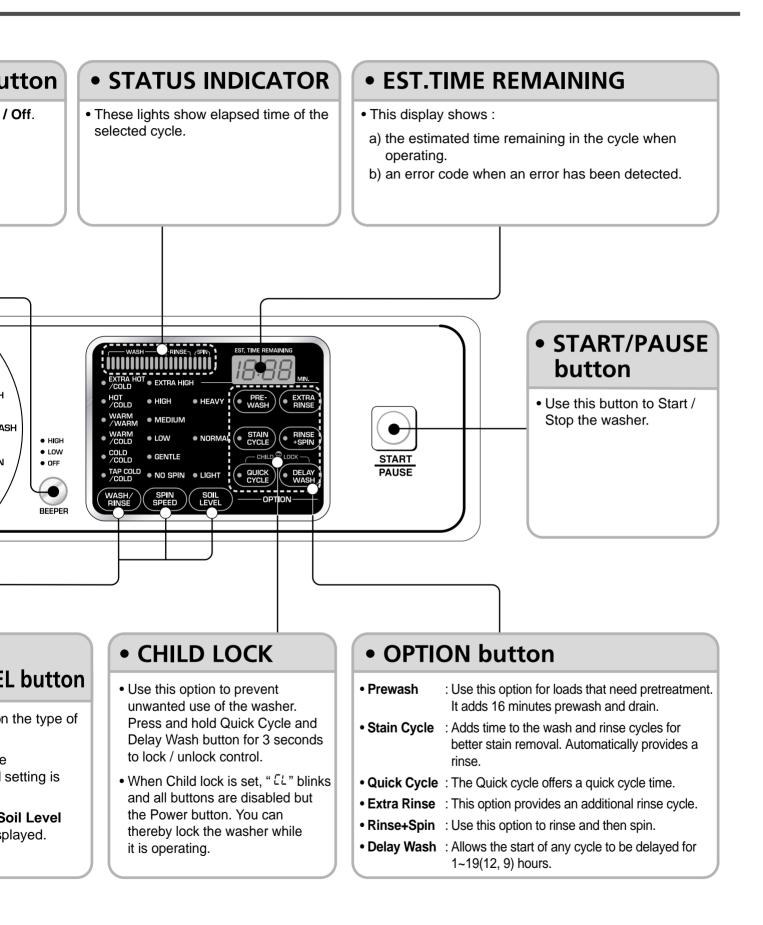


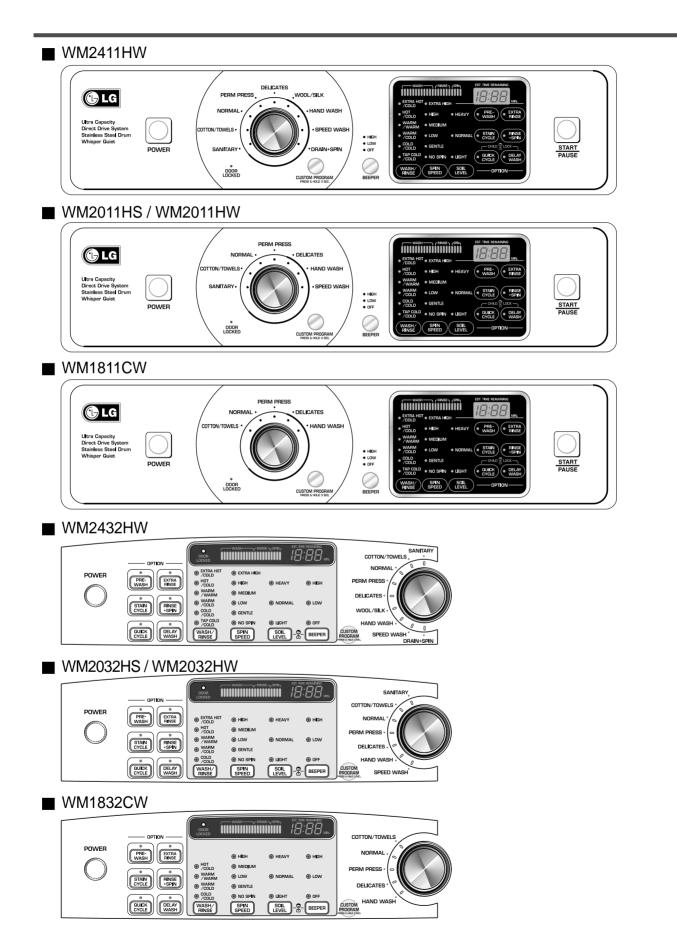
7 TEST OPERATION



5. OPERATION

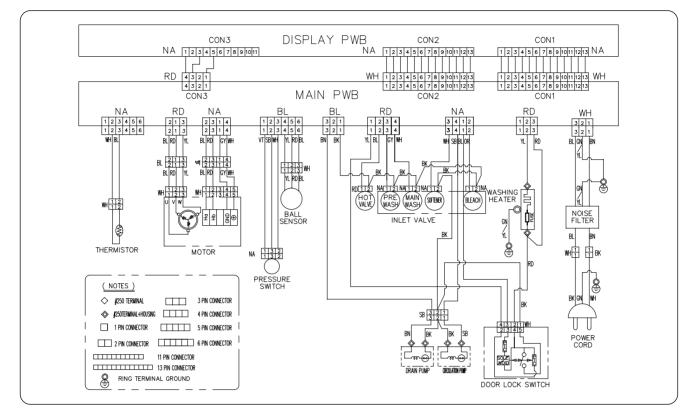




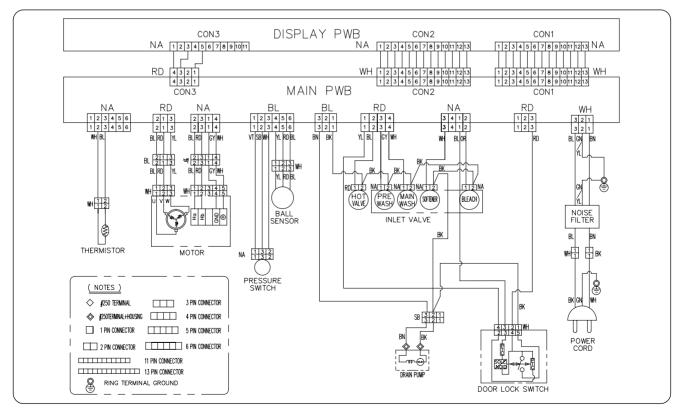


6. WIRING DIAGRAM / PROGRAM CHART

WM2411HW / WM2011HS / WM2011HW / WM2432HW / WM2032HS / WM2032HW



WM1811CW / WM1832CW



| PROGRA | RAM CHART | | | | | | | | | * Water Supply : W·S * Intermittent Spin : I·S * Dise | | | | | | | | | | | | | iser | entangle : D·T | | | | | | | | | | |
|-------------------|-------------|---------|-------|---------------|----|---------|---------|-------------------|----------|---|-------|--------|--------|---------|-------|--------|--------|---------|-------|---------|--------|---------|-------------------|----------------|--------|---------------|-------|-----------------|---------|--------|-------------|---------------------------|-------|--|
| С | Washing | | | | | | | | Rinse | | | | | | | | | ise | | | | | | | | Spin | | | A | | | | | |
| \\\\Y C | | Р | re | | | v | Ma | ain | | | | | | Nor | ma | | | | Ext | ra o | r Sta | ain | Ex | tra 8 | & Sta | ain | Ľ | - opi | י ד | E | U T | - | | |
| ///c | w | × | | | w | Was | shing | Sta | iycool | ling | | | 1 | | | 2 | 2 | | | 3 | 3 | | | 3 | 3 | | | | | N | 0 | Norm | al | |
| | s | Washing | Drain | I S | s | Heating | Washing | w s | Rinsing | Drain | Drain | l S | w s | Rinsing | Drain | l S | w s | Rinsing | Drain | l. S | w s | Rinsing | Drain | ! s | w s | Rinsing | Drain | Spin | Р. Т | D | O F F | Worki Time (Hour:Mi | ə | |
| Ú\\P | 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 | (Hour.iviii | nute) | |
| R S E E | 60 | MIN | 60 | 300 | 60 | | MIN | 60 | 60 | 60 | 60 | 300 | 60 | 240 | 60 | 300 | 60 | 240 | 60 | 300 | 60 | 240 | 60 | 300 | 60 | 240 | 60 | 120 ~ 540 | 120 | 20 | 20 | | | |
| Sanitary | | 8 | | | | | 66 | | TIM | | | | | | | | | | | | | | | | | | | | | | | About 1 | 1:44 | |
| Cotton /Towels | | | | | | | 19 | | \geq | \leq | | | | | | | | | | | | | | | | | | | | | | About | 57 | |
| Normal | | 8 | | | | | 19 | | \sim | \langle | | | | | | | | | | | | | | | | | | | | | ⊢ | About | 56 | |
| Perm Press | | . 8. | | | | | 10 | | \succ | | | | | | | | | | | | | | | | | | | | | E | | About | 53 | |
| Delicates | | . 8 | | | | | 13 | $ \land$ | \succ | < | | | | | | | | | | | | | $/ \rangle$ | > | < | \langle | | | | | | About | 34 | |
| Wool/Silk | $/ \rangle$ | > | < | \langle | | | 13 | / | \times | / | | ****** | | | | | | | ***** | | | | $\langle \rangle$ | > | < | \langle | | | | | | About | 34 | |
| Hand Wash | \square | > | < | \leq | | | 13 | \sum | \succ | < | | | | | | | | | ***** | | | | $\langle \rangle$ | > | < | < | | | | | | About | 34 | |
| Speed Wash | | > | < | $\overline{}$ | | | 7 | $\langle \rangle$ | \succ | < | | | | 120 | | ***** | | 120 | ***** | ***** | | 120 | | > | < | $\overline{}$ | | | | | | About | 29 | |
| Drain+Spin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \square | About | 12 | |
| Wash + Rinse | | 8 | | | | | 19 | \triangleright | \times | \langle | | | | | | | | | | | | | | | | | | \square | \geq | \leq | \leq | About | 45 | |
| Rinse + Spin | | | | | | > | _ | < | \leq | | | | | | | | | | ***** | ***** | ***** | | $\langle \rangle$ | \geq | < | \leq | | | | | | About | 29 | |
| Rinse | | | | | | > | | \leq | | \leq | | | | | | | | | **** | | ***** | | $\langle \rangle$ | > | < | \leq | | | \geq | \leq | \leq | About | 18 | |

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

* Basic time is minute in washing chart.
 * The actual program time can be varied with the load amount, water temperature or ambient temperature.

7. TROUBLESHOOTING

7-1. BEFORE PERFORMING SERVICE

- Be careful of electric shock when disconnecting parts for while troubleshooting.
- The voltage of each terminal is 120V 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.

¤ Press the SPIN SPEED and SOIL LEVEL buttons simultaneously.

¤ŁPress the Power button, while the above condition. Then buzzer sound twice.

¤ØIn order to advance to the next step of test mode, press the START / PAUSE button once.

| 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 softener turns on. | Water level frequency (25~65) |
| 8 times | Inlet valve for bleach turns on. | Water level frequency (25~65) |
| 9 times | Tumble counterclockwise. | rpm (40~50) |
| 10 times | Heater turns on for 3 sec. | Water temperature |
| 11 times | Circulation pump turns on. | Water level frequency (25~65) |
| 12 times | Drain pump turns on. | Water level frequency (25~65) |
| 13 times | Power off and unlock the door. | Turn off all lamps. |

 (3:3)
 WM2411HW
 (7:3)
 WM2011HS / WM2011HW
 (5:3)
 WM1811CW

 (3:3)
 WM2432HW
 (7:3)
 WM2011HS / WM2032HW
 (5:3)
 WM1832CW

7-3. HOW TO CHECK THE WATER LEVEL FREQUENCY

* Press the SPIN SPEED and SOIL LEVEL button simultaneously.

 $\star \star \star$

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

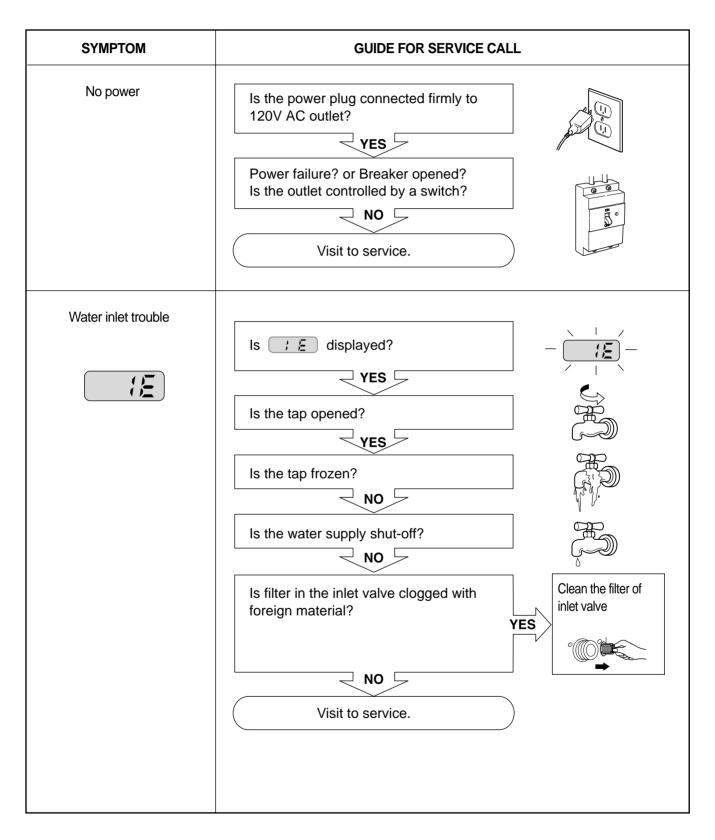
- If you press the START/PAUSE button when an error is displayed, any error except "PE __ will disappear and the machine will go into the pause status.
- In case of *PE*, *FE*, *fE*,

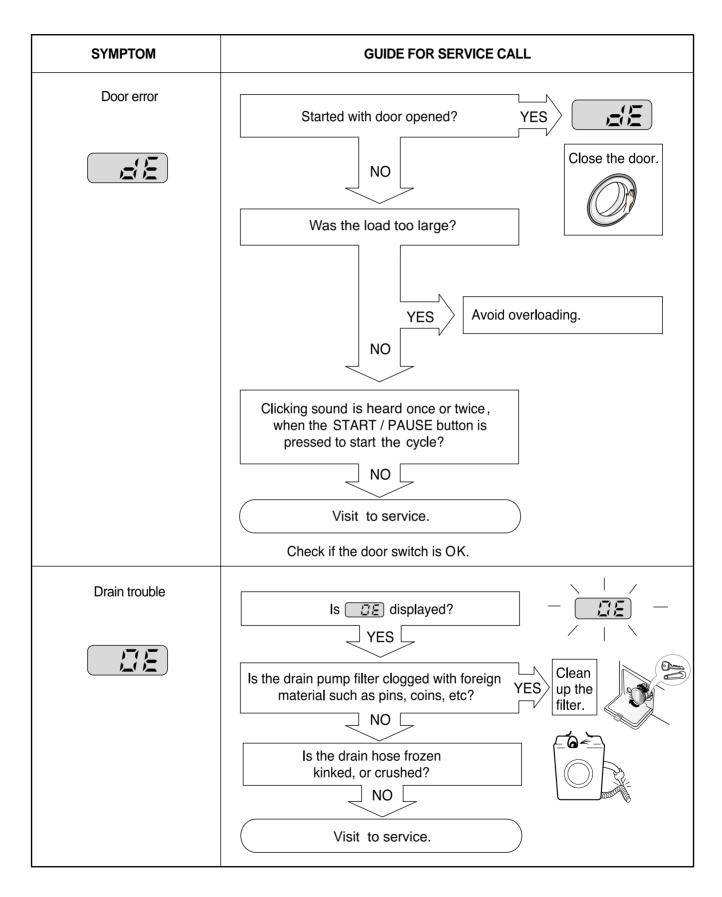
| | ERROR | SYMPTOM | CAUSE |
|---|-----------------------------|---------------|---|
| 1 | WATER INLET ERROR | ; ; | • Correct water level (2 level) is not reached within 8 minutes after water is supplied or it does not reach the preset water level within 25 minutes. |
| 2 | IMBALANCE ERROR | | The 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 | | Not fully drained within 10 minutes. |
| 4 | OVER FLOW ERROR | ŢŢ | Water is overflowing (over 8 level). is displayed, the drain pump will operate to the drain water automatically. |
| 5 | PRESSURE SENSOR ERROR | , ; ;; | The SENSOR SWITCH ASSEMBLY is out of order. |
| 6 | DOOR OPEN ERROR | e E | 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 | | The THERMISTOR is out order. |

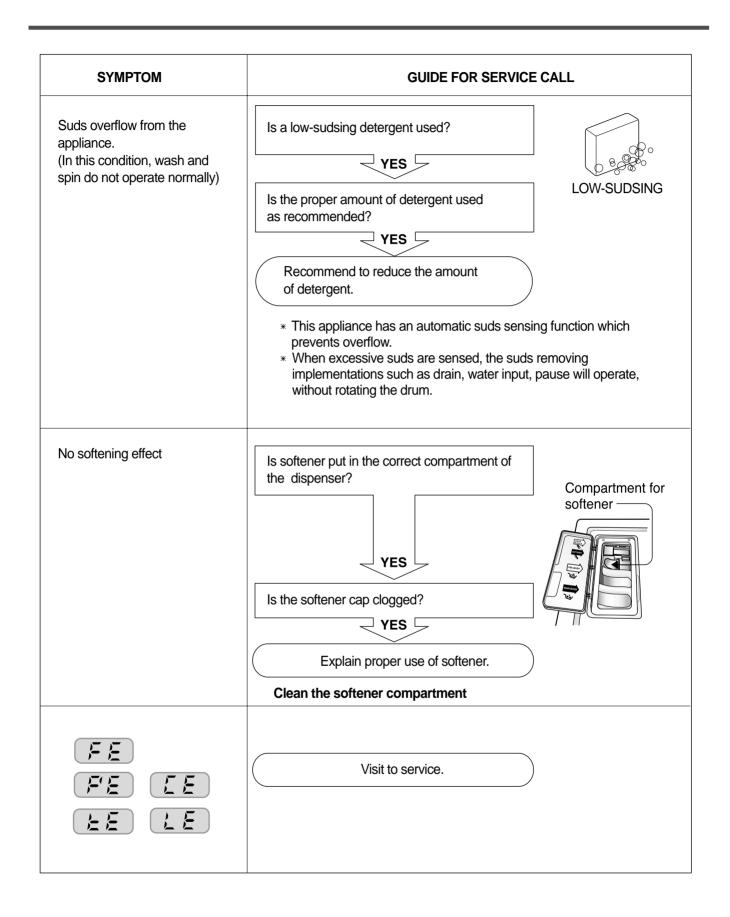
| | ERROR | SYMPTOM | CAUSE |
|----|--------------------------|---------|---|
| 8 | OVER CURRENT ERROR | | MAIN PWB ASSEMBLY is out of order. Winding in the STATOR ASSEMBLY is short-circuited. |
| 9 | LOCKED MOTOR ERROR | | The connector (3-pin, male, white) in the MOTOR HARNESS is not connected to the 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. |
| 10 | BALL SENSOR ERROR | 55 | Loose Ball Sensor Connector. Ball Sensor is out of order. i Displayed only when the START / PAUSE button is first pressed in the QC Test Mode. |
| 11 | EEPROM ERROR | ĘĘ | EEPROM is out of order. i Displayed only when the START / PAUSE button is first pressed in the QC Test Mode. |
| 12 | POWER FAILURE | Ę, | • The washer experienced a power failure. |

8. ERROR DIAGNOSIS AND CHECK LIST

8-1. DIAGNOSIS AND SOLUTION FOR ABNORMAL OPERATION



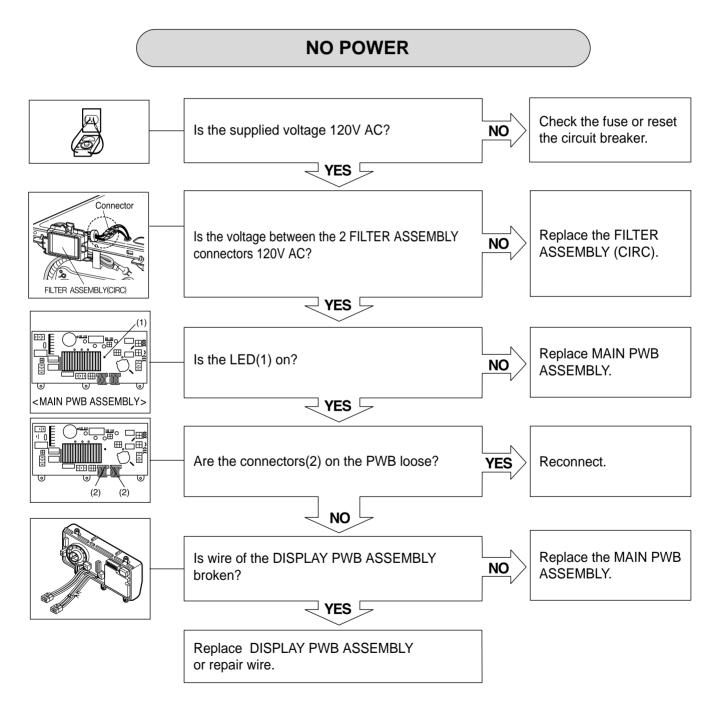


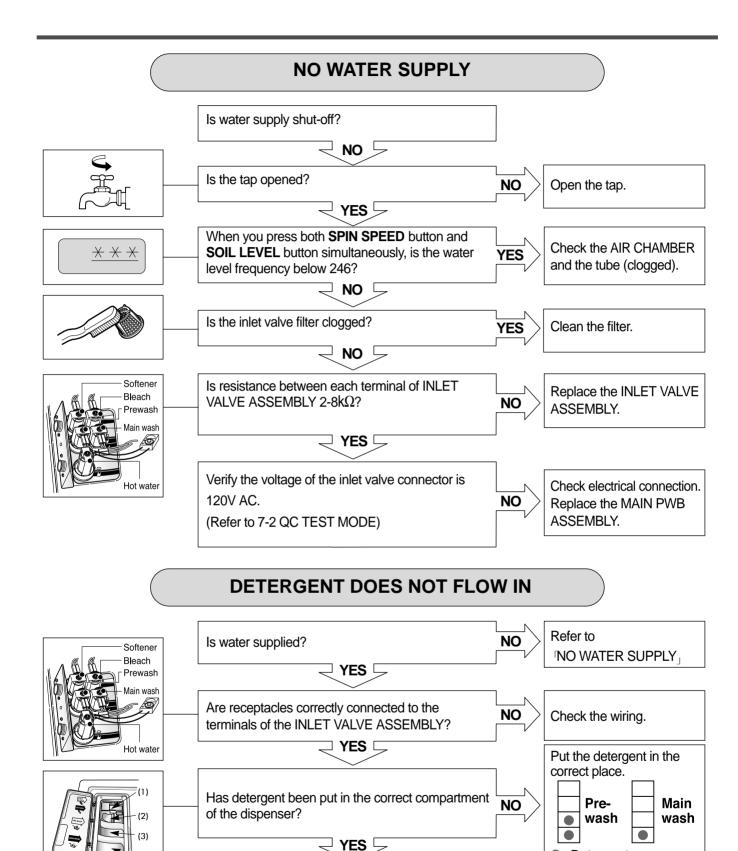


8-2.FAULT DIAGNOSIS AND TROUBLESHOOTING

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.





22

Is the detergent caked or hardened?

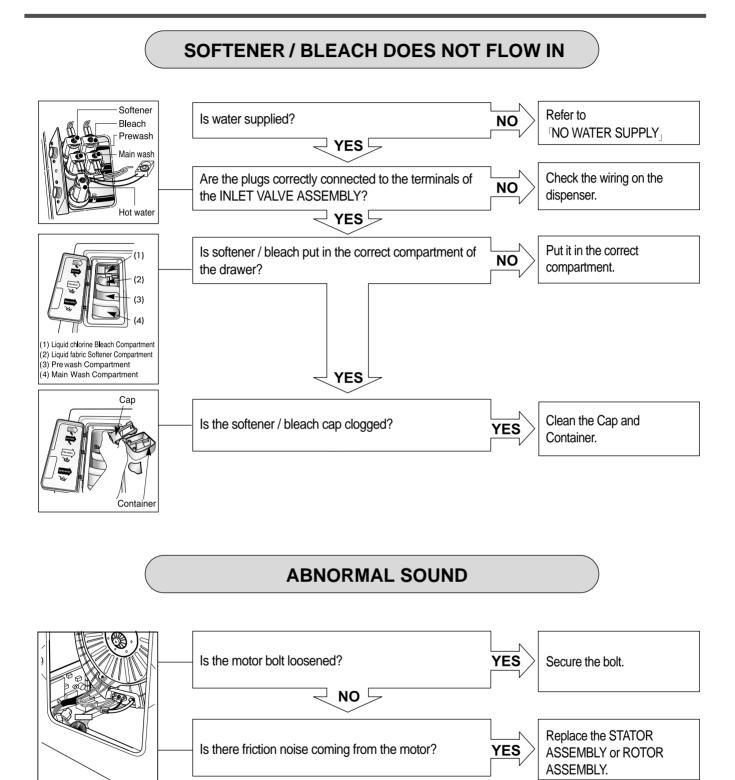
Liquid chlorine Bleach Compartmen
 Liquid fabric Softener Compartment

(3) Prewash Compartment(4) Main Wash Compartment

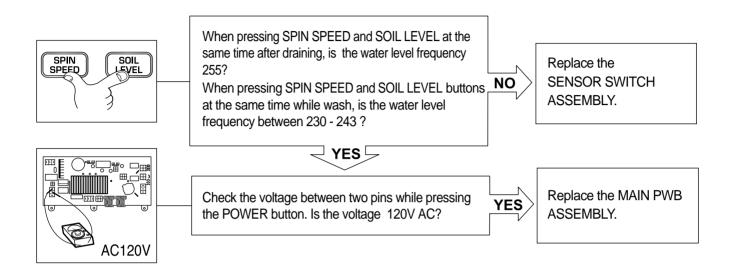
•: Detergent

Clean the dispenser.

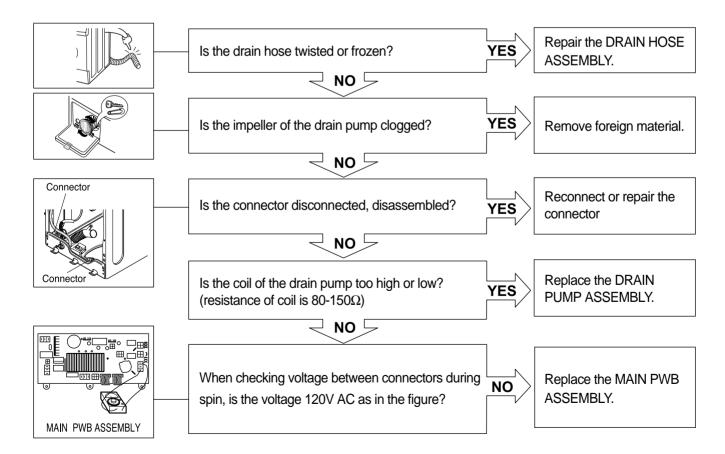
YES

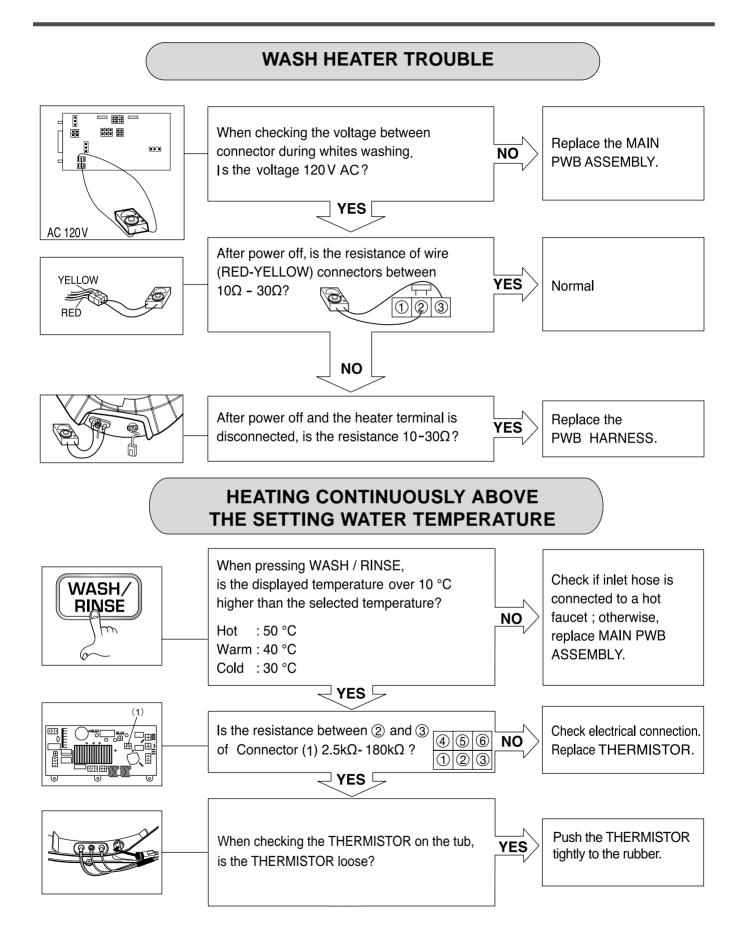


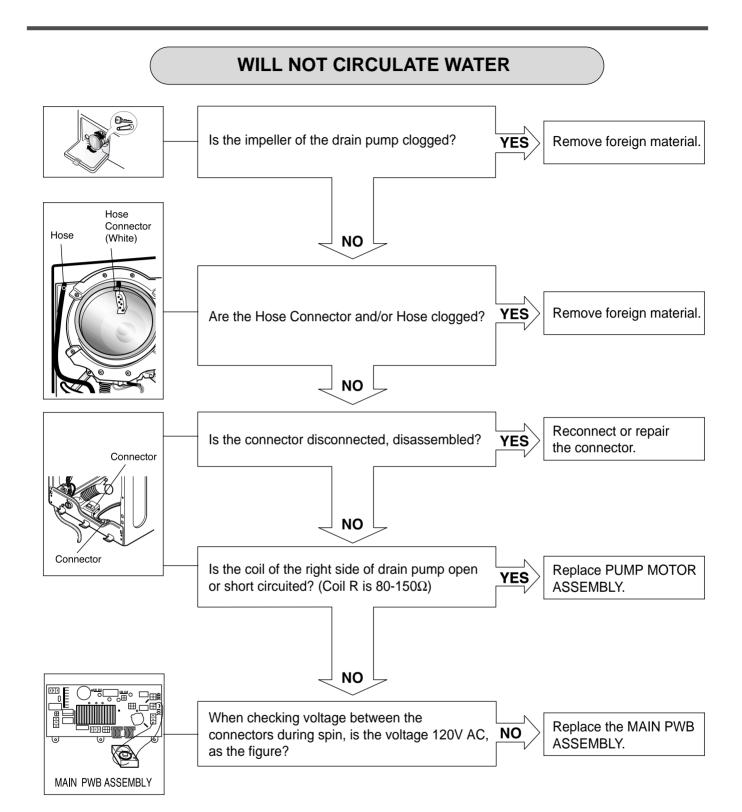
HEATING WITHOUT WATER

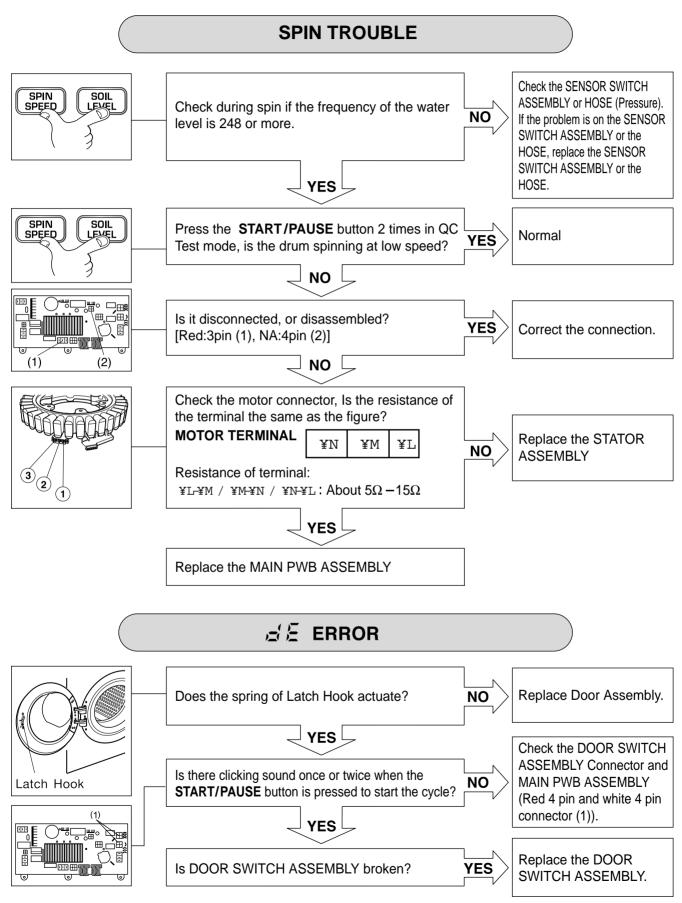


DRAIN MALFUNCTIONING





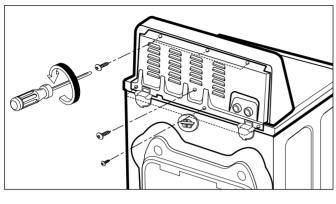


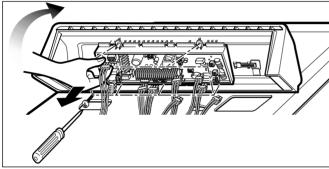


9. DISASSEMBLY INSTRUCTIONS

*f*R Disassemble and repair the unit only after pulling out power plug from the outlet.

CONTROL PANEL ASSEMBLY

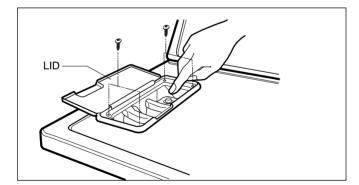


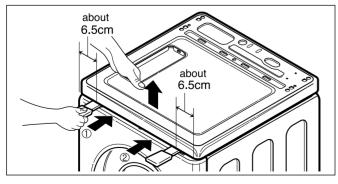


- 1. Unscrew 7 screws on the Rear Frame.
- 2. Disassemble the Rear Frame.

- **3.** Pull the Control panel forward.
- 4. Disconnect connectors.
- 5. Unscrew 5 screws.
- 6. Disassemble the controller assembly.

TOP PLATE

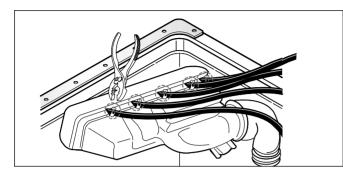


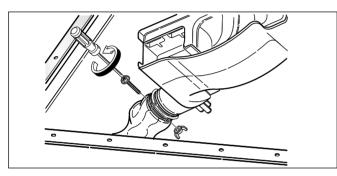


- 1. Open the Lid.
- 2. Unscrew 4 screws.
- 3. Disassemble the Lid Assembly.
- 4. Pull down the Dispenser by pushing hooks.
- 5. Put a hand into the dispenser hole and hold the top plate.
- **6.** Push backward using an opener and lift the top plate.

: Do first left side (II).

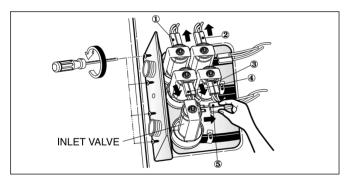
DISPENSER ASSEMBLY



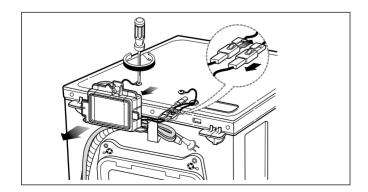


- **1**. Disassemble the 5 hose clamps.
- 2. Release the 5 hoses.

3. Unscrew the nut at the lower part of the dispenser.



NOISE FILTER

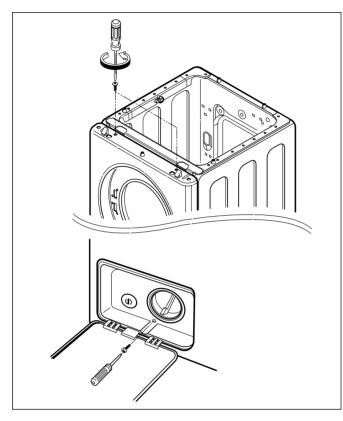


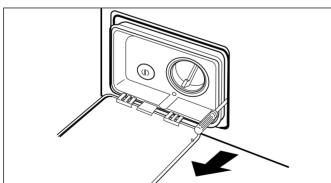
- 4. Unscrew the 4 screws on the holder.
- 5. Disassemble the 5 connectors from the valves.

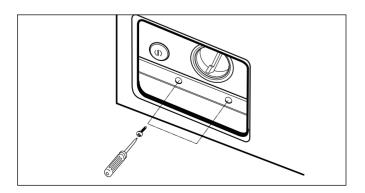
; Wire color : ¥L WH-BK ¥M OR-BK ¥N WH-BK ¥O GY-BK ¥P BL-BK

- **1.** Unscrew the screw from the top plate.
- **2.** Unplug the 2 connectors.

CABINET COVER



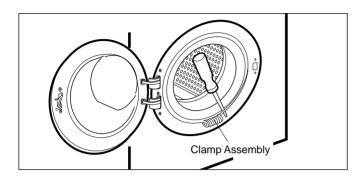


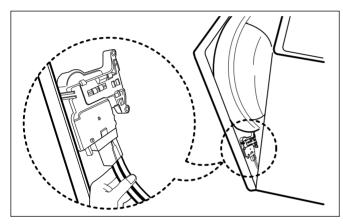


- 1. Unscrew the 2 screws from upper side of the cabinet cover.
- 2. Unscrew the screw from filter cover.

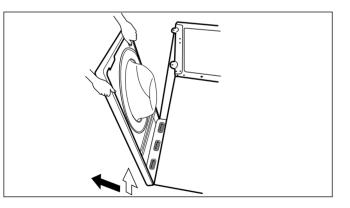
3. Put a flat (–) screwdriver into the both sides of the filter cover, and pull it out.

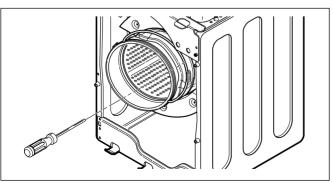
4. Unscrew the 2 screws from the lower side of the cabinet cover.





- 5. Open the door.
- **6.** Disassemble the clamp assembly using a flat (–) screwdriver.
- 7. Separate the clamp assembly from cabinet cover.
- 8. Tilt the cabinet cover.
- 9. Disconnect the door switch connector.

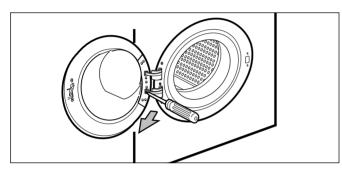




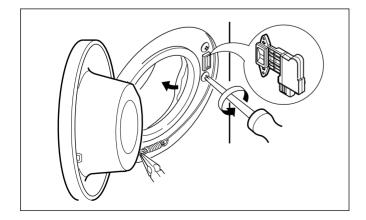
10. Lift and separate the cabinet cover.

- **11.** Disassemble the clamp assembly using a flat (–) screwdriver.
- **12.** Disasemble the Gasket.

DOOR



DOOR SWITCH ASSEMBLY



- 1. Open the door.
- 2. Unscrew the 7 screws from the hinge cover.

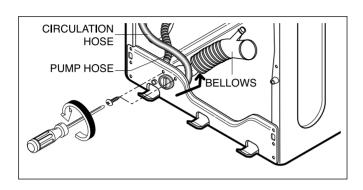
3. Put a flat (–) screwdriver into the opening of the hinge, and pull out the hinge cover.

- 4. Unscrew the screws from the door.
- 5. Disassemble the door upward / downward.

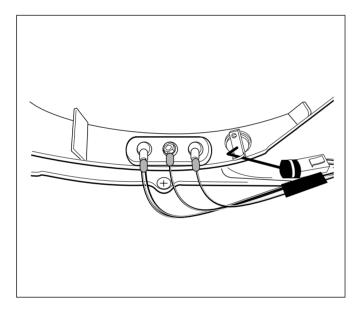
¡ Be careful ! The door is heavy.

- 1. Open the door.
- 2. Disassemble the clamp assembly.
- **3.** Unscrew the 2 screws from cabinet cover.

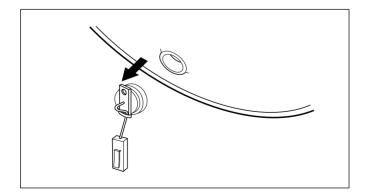
PUMP



HEATER



THERMISTOR



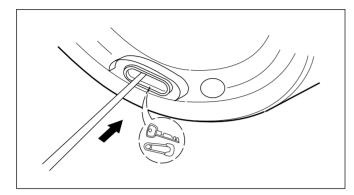
- 1. Disassemble the cabinet cover.
- 2. Separate the pump hose, the bellows and the circulation hose assembly from the pump assembly.
- **3.** Disassemble the pump assembly in arrow direction.
- 1. Disassemble the cabinet cover.
- **2.** Separate 2 connectors from the heater.
- **3.** Loose the nut and pull out the heater.

CAUTION

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

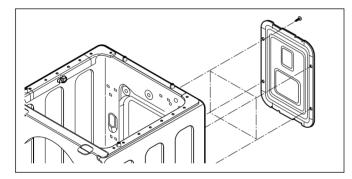
- **1**. Disassemble the cabinet cover.
- 2. Unplug the white connector from the thermistor.
- **3.** Pull it out by holding the bracket of thermistor.

WHEN FOREIGN OBJECT IS STUCK BETWEEN DRUM AND TUB

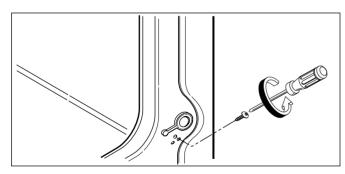


- 1. Disassemble the cabinet cover.
- 2. Separate the heater from the tub.
- **3.** Remove any foreign objects (wire, coin, etc.) by inserting a long bar in the opening.

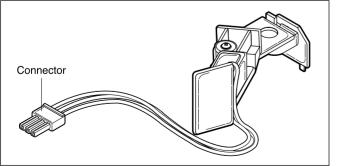
SENSOR ASSEMBLY(BALL SENSOR)



1. Unscrew the 4 screws from the back cover.

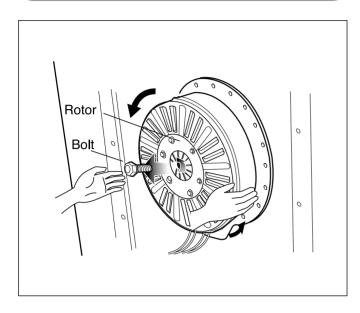


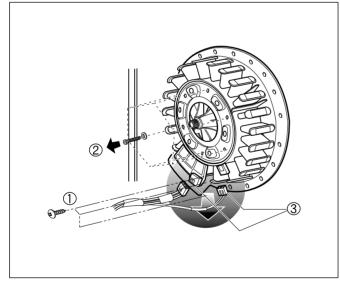
2. Unscrew the single screw from the lower-right side of the cabinet.



3. Disconnect the connector from PWB Harness.

MOTOR / DAMPER





HINGE, DAMPER

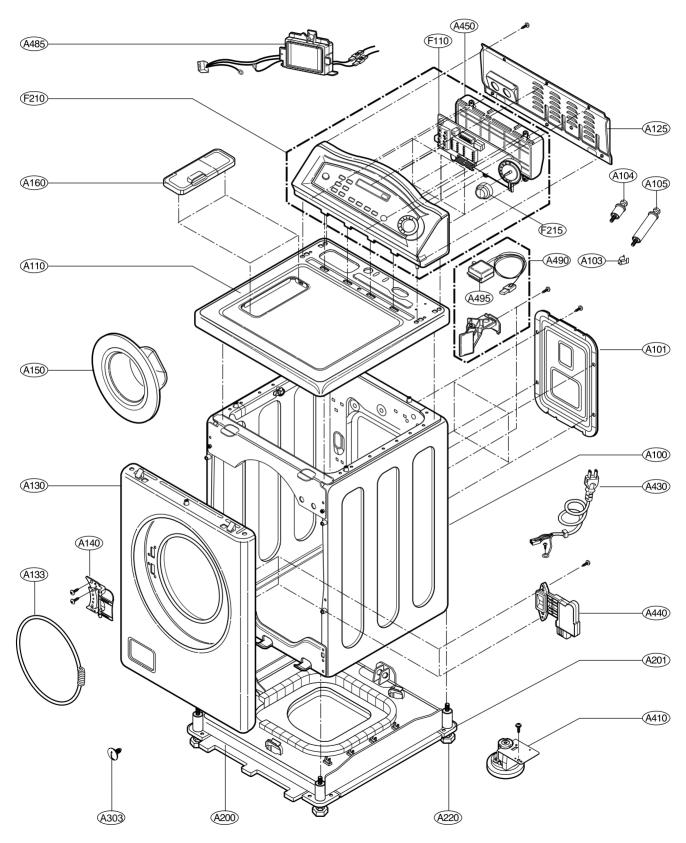
- 1. Disassemble the back cover.
- 2. Loosen the bolt.
- 3. Pull out the Rotor.

- 4. Unscrew the 2 screws from the tub bracket.
- 5. Loosen the 6 bolts on the stator.
- **6.** Unplug the 2 connectors from the stator.

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

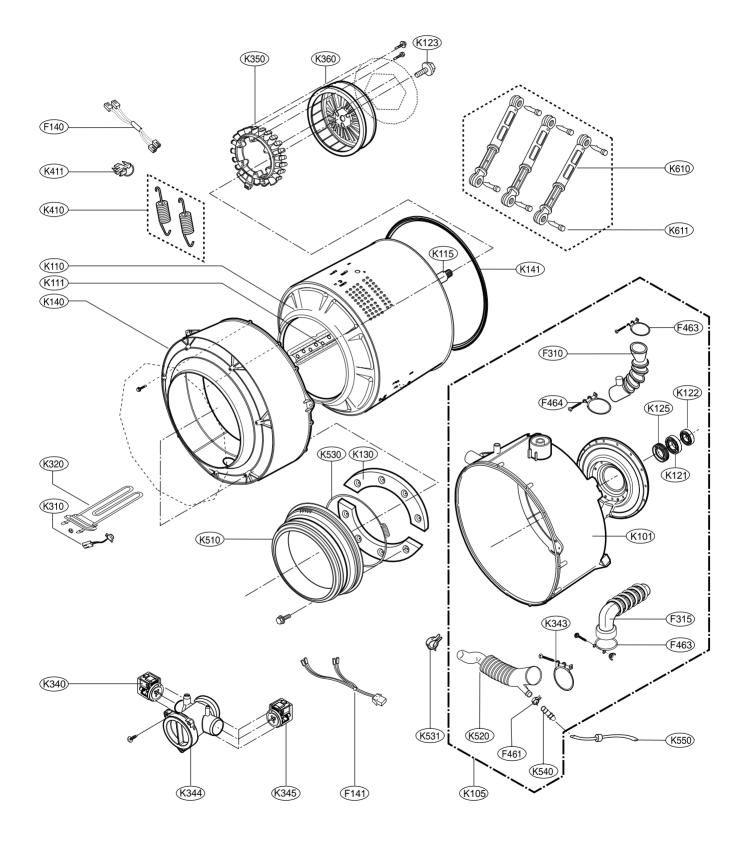
10. EXPLODED VIEW

10-1. CABINET & CONTROL PANEL ASSEMBLY



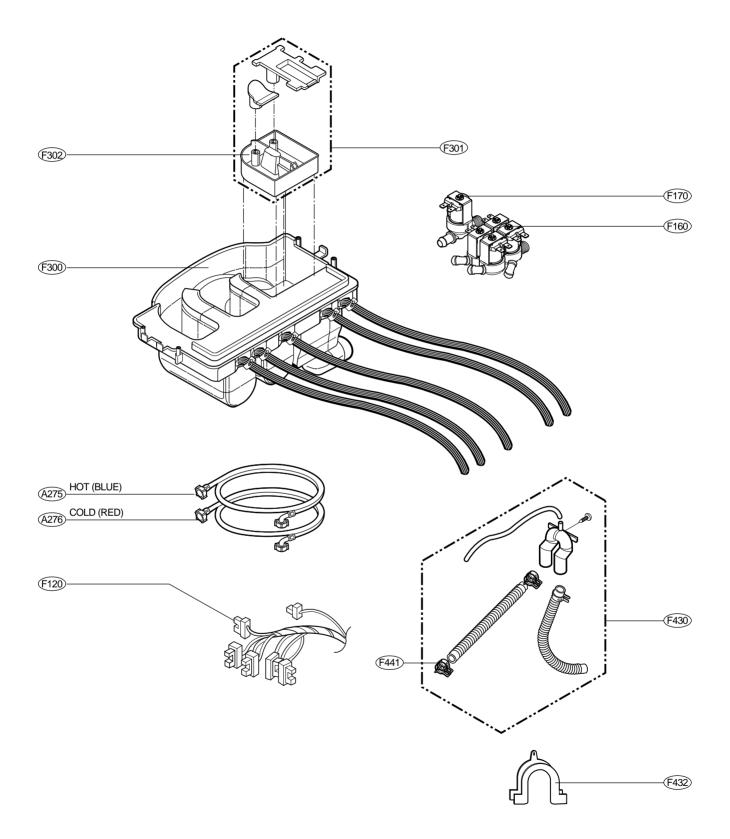
36

10-2. DRUM & TUB ASSEMBLY



37

10-3. DISPENSER ASSEMBLY



REPLACEMENT PARTS LIST (WM2432HW)

CAUTION : Before replacing any part of these components

Read carefully the safety precautions in this manual

| | | | WD-12210BD ABWEEUS L: WM2432HW | SPECIFICATION: 120 | / 60Hz | Run_Date : 02-12-28 |
|----------|-----------|------|-----------------------------------|--------------------|--------|---------------------|
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS |
| | | *001 | MANUAL ASSEMBLY,OWNERS | 3829ER3014C | 1 | |
| | | *002 | BOX,CARTON | 3890EZ3355A | 1 | |
| | | *003 | SPANNER | 3W20018B | 1 | |
| | | *004 | MANUAL,SERVICE | 3828ER3013T | 0 | |
| | | A100 | CABINET ASSEMBLY | 3091ER0001C | 1 | |
| | | A101 | COVER,BACK | 3808FR1202A | 1 | |
| | | A103 | HOLDER | 4930FR3151A | 1 | |
| | | A104 | BOLT ASSEMBLY | 4011FR3159E | 2 | |
| | | A105 | BOLT ASSEMBLY | 4011FR3159D | 2 | |
| | | A110 | TOP PLATE ASSEMBLY | 3457ER1002A | 1 | |
| | | A125 | FRAME,REAR | 3210ER1306A | 1 | |
| | | A130 | COVER,CABINET | 3550ER0005A | 1 | |
| | | | CLAMP ASSEMBLY | 2W20017E | 1 | |
| | | | HINGE ASSEMBLY | 4775ER2001A | 1 | |
| | | | DOOR ASSEMBLY | 3581ER0001G | 1 | |
| | | | LID ASSEMBLY | 3523ER1001C | 1 | |
| | | | BASE ASSEMBLY, CABINET | 3041ER0001A | 1 | |
| | | | BRACKET,BASE | 4810ER3006A | 4 | |
| | | | LEG ASSEMBLY | 5413FR4154D | 4 | |
| | | | HOSE,INLET | 5215FD3715E | 1 | |
| | | | HOSE,INLET | 5215FD3715F | 1 | |
| | | | CAP,COVER | 5006FR3146A | 1 | |
| | | | SWITCH ASSEMBLY, SENSOR SWITCH | | 1 | |
| | | | POWER CORD ASSEMBLY | 6411ER1004S | 1 | |
| | | | SWITCH ASSEMBLY,DOOR | 6601ER1004B | 1 | |
| # | | | PWB(PCB) ASSEMBLY,MAIN | 6871EC1081A | 1 | |
| | | | FILTER ASSEMBLY(CIRC) | 6201EC1004L | 1 | |
| | | | BRACKET ASSEMBLY | 4811ER3001A | 1 | |
| | | | SENSOR ASSEMBLY | 6501FA2462C | 1 | |
| | | | PWB(PCB) ASSEMBLY, DISPLAY | 6871EC1072C | 1 | |
| • | | | HARNESS,PWB | 6877ER1015B | 1 | |
| | | | HARNESS,MOTOR | 6877ER1016B | 1 | |
| | | | HARNESS,MOTOR | 6877ER3003B | | |
| | | | VALVE ASSEMBLY,INLET | 5220FR2008C | 1 | |
| | | | | | | |
| | | | VALVE ASSEMBLY, INLET | 5220FR1280F | 1 | |
| | | | PANEL ASSEMBLY,CONTROL | 3721ER1054B | | |
| | | | | 4940ER3014A | 1 | |
| | | | | 4924ER1006B | 1 | |
| | | | BOX ASSEMBLY, DETERGENT | 3891ER2002A | 1 | |
| | | | BOX,DETERGENT | 3890ER2002A | 1 | |
| | | | BELLOWS | 4738ER2001A | 1 | |
| | \square | | BELLOWS | 4738ER2002A | 1 | |
| | | | HOSE ASSEMBLY, DRAIN | 5215ER2002F | 1 | |
| | | | HANGER ASSEMBLY, PIVOT | 3W50712A | 1 | |
| | | F441 | CLAMP | 4861FR3068C | 3 | |
| | | F461 | CLAMP | 4861FR3068E | 1 | |

| | | ODEL: V R MODE | Run_Date : 02-12-28 | | | |
|---|----|-------------------|---------------------------|-------------|------|---------|
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS |
| | | F463 | CLAMP | 4860FR3092D | 2 | |
| | | F464 | CLAMP | 4860FR3092C | 1 | |
| | | K101 | TUB,OUTER | 3044ER0003A | 1 | |
| | | K105 | TUB ASSEMBLY,OUTER[SUB4] | 3045ER0008A | 1 | |
| | | K110 | TUB ASSEMBLY, INNER[DRUM] | 3045ER1006A | 1 | |
| | | K111 | LIFTER ASSEMBLY | 4433ER1001A | 3 | |
| | | K115 | SPIDER | 4434ER0001A | 1 | |
| | | K121 | BEARING,BALL | 4280FR4048D | 1 | |
| | | | BEARING,BALL | 4280FR4048E | 1 | |
| | | K123 | BOLT ASSY | 4040FR4051B | 1 | |
| | | K125 | SEAL | 4036ER3002A | 1 | |
| | | K130 | BALANCE WEIGHT | 4866ER0004A | 2 | |
| | | K140 | COVER ASSEMBLY, TUB | 3551ER0003A | 1 | |
| | | K141 | _ | 4036ER4001B | 1 | |
| | | K310 | THERMISTOR ASSEMBLY | 6322FR2046C | 1 | |
| | | K320 | HEATER ASSEMBLY | 5301FR1158J | 1 | |
| | | K340 | MOTOR ASSEMBLY, PUMP | 4681EA2001D | 1 | |
| | | K343 | CLAMP | 4860FR3092C | 1 | |
| | | K344 | CASING,PUMP | 3108ER1001A | 1 | |
| | | K345 | MOTOR ASSEMBLY, PUMP | 4681EA2001C | 1 | |
| | | K350 | STATOR ASSEMBLY | 4417FA1994G | 1 | |
| | | K360 | ROTOR ASSEMBLY | 4413EA1002B | 1 | |
| | | K410 | SPRING,HINGE | 4970FR2084D | 2 | |
| | | K411 | HOLDER | 4930FR3040A | 2 | |
| | | | GASKET | 4986ER0001A | 1 | |
| | | K520 | BELLOWS | 4738ER1002A | 1 | |
| | | K530 | CLAMP ASSEMBLY | 4861ER2001D | 1 | |
| | | K531 | CLAMP | 4861FR3068E | 2 | |
| | | K540 | CHAMBER,AIR | 3504ER3002A | 1 | |
| | | K550 | HOSE,INLET | 5214FR4125N | 1 | |
| | | | DAMPER ASSEMBLY, FRICTION | 4901ER2002B | 3 | |
| | | K611 | HINGE | 4774FR3118B | 6 | |

REPLACEMENT PARTS LIST (WM2032HS)

CAUTION : Before replacing any part of these components

Read carefully the safety precautions in this manual

| | LG MODEL: WD-10215BD ATTEEUS YOUR MODEL: WM2032HS | | | SPECIFICATION: 120 | / 60Hz | Run_Date : 02-12-28 |
|---|--|------|--------------------------------|--------------------|--------|---------------------|
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS |
| | | *001 | MANUAL ASSEMBLY,OWNERS | 3829ER3014D | 1 | |
| | | *002 | BOX,CARTON | 3890EZ3355A | 1 | |
| | | *003 | SPANNER | 3W20018B | 1 | |
| | | *004 | MANUAL,SERVICE | 3828ER3013T | 0 | |
| | | A100 | CABINET ASSEMBLY | 3091ER0001D | 1 | |
| | | A101 | COVER,BACK | 3808FR1202A | 1 | |
| | | A103 | HOLDER | 4930FR3151A | 1 | |
| | | A104 | BOLT ASSEMBLY | 4011FR3159E | 2 | |
| | | A105 | BOLT ASSEMBLY | 4011FR3159D | 2 | |
| | | A110 | TOP PLATE ASSEMBLY | 3457ER1002D | 1 | |
| | | A125 | FRAME,REAR | 3210ER1306A | 1 | |
| | | A130 | COVER,CABINET | 3550ER0005B | 1 | |
| | | A133 | CLAMP ASSEMBLY | 2W20017E | 1 | |
| | | A140 | HINGE ASSEMBLY | 4775ER2001A | 1 | |
| | | A150 | DOOR ASSEMBLY | 3581ER0001J | 1 | |
| | | A160 | LID ASSEMBLY | 3523ER1001D | 1 | |
| | | A200 | BASE ASSEMBLY,CABINET | 3041ER0001A | 1 | |
| | | A201 | BRACKET,BASE | 4810ER3006A | 4 | |
| | | A220 | LEG ASSEMBLY | 5413FR4154D | 4 | |
| | | A275 | HOSE,INLET | 5215FD3715E | 1 | |
| | | | HOSE,INLET | 5215FD3715F | 1 | |
| | | | CAP,COVER | 5006FR3146A | 1 | |
| A | | | SWITCH ASSEMBLY, SENSOR SWITCH | | 1 | |
| Ā | | | POWER CORD ASSEMBLY | 6411ER1004S | 1 | |
| Ā | | | SWITCH ASSEMBLY,DOOR | 6601ER1004B | 1 | |
| | | | PWB(PCB) ASSEMBLY,MAIN | 6871EC1081B | 1 | |
| | | | FILTER ASSEMBLY(CIRC) | 6201EC1004L | 1 | |
| | | | BRACKET ASSEMBLY | 4811ER3001A | 1 | |
| | | A495 | SENSOR ASSEMBLY | 6501FA2462C | 1 | |
| | | F110 | PWB(PCB) ASSEMBLY, DISPLAY | 6871EC1072D | 1 | |
| | | | HARNESS, PWB | 6877ER1015B | 1 | |
| Ā | | | HARNESS,MOTOR | 6877ER1016B | 1 | |
| Ā | | | HARNESS,MOTOR | 6877ER3003B | 1 | |
| Ā | | | VALVE ASSEMBLY, INLET | 5220FR2008C | 1 | |
| Ā | | | VALVE ASSEMBLY, INLET | 5220FR1280F | 1 | |
| | | | PANEL ASSEMBLY, CONTROL | 3721ER1054K | 1 | |
| | | | KNOB,ROTARY | 4940ER3014A | 1 | |
| | | | DISPENSER | 4924ER1006B | 1 | |
| | | | BOX ASSEMBLY, DETERGENT | 3891ER2002A | 1 | |
| | | | BOX,DETERGENT | 3890ER2002A | 1 | |
| | | | BELLOWS | 4738ER2001A | 1 | |
| | | | BELLOWS | 4738ER2002A | 1 | |
| | | | HOSE ASSEMBLY, DRAIN | 5215ER2002F | 1 | |
| | | | HANGER ASSEMBLY, PIVOT | 3W50712A | 1 | |
| | | | CLAMP | 4861FR3068C | 3 | |
| | | F461 | CLAMP | 4861FR3068E | 1 | |

| | | DEL: W MODEL | / 60Hz | Run_Date : 02-12-28 | | |
|---|----|-----------------|---------------------------|---------------------|------|---------|
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS |
| | | F463 | CLAMP | 4860FR3092D | 2 | |
| | | F464 | CLAMP | 4860FR3092C | 1 | |
| | | K101 | TUB,OUTER | 3044ER0003A | 1 | |
| | | K105 | TUB ASSEMBLY,OUTER[SUB4] | 3045ER0008A | 1 | |
| | | K110 | TUB ASSEMBLY, INNER[DRUM] | 3045ER1006A | 1 | |
| | | K111 | LIFTER ASSEMBLY | 4433ER1001A | 3 | |
| | | K115 | SPIDER | 4434ER0001A | 1 | |
| | | K121 | BEARING,BALL | 4280FR4048D | 1 | |
| | | K122 | BEARING,BALL | 4280FR4048E | 1 | |
| | | K123 | BOLT ASSY | 4040FR4051B | 1 | |
| | | K125 | SEAL | 4036ER3002A | 1 | |
| | | K130 | BALANCE WEIGHT | 4866ER0004A | 2 | |
| | | K140 | COVER ASSEMBLY, TUB | 3551ER0003A | 1 | |
| | | K141 | SEAL | 4036ER4001B | 1 | |
| A | | K310 | THERMISTOR ASSEMBLY | 6322FR2046C | 1 | |
| A | | K320 | HEATER ASSEMBLY | 5301FR1158J | 1 | |
| A | | K340 | MOTOR ASSEMBLY, PUMP | 4681EA2001D | 1 | |
| | | K343 | CLAMP | 4860FR3092C | 1 | |
| | | K344 | CASING,PUMP | 3108ER1001A | 1 | |
| A | | K345 | MOTOR ASSEMBLY, PUMP | 4681EA2001C | 1 | |
| A | | K350 | STATOR ASSEMBLY | 4417FA1994G | 1 | |
| | | K360 | ROTOR ASSEMBLY | 4413EA1002B | 1 | |
| | | K410 | SPRING,HINGE | 4970FR2084D | 2 | |
| | | K411 | HOLDER | 4930FR3040A | 2 | |
| | | K510 | GASKET | 4986ER0001A | 1 | |
| | | K520 | BELLOWS | 4738ER1002A | 1 | |
| | | K530 | CLAMP ASSEMBLY | 4861ER2001D | 1 | |
| | | K531 | CLAMP | 4861FR3068E | 2 | |
| | | K540 | CHAMBER,AIR | 3504ER3002A | 1 | |
| | | K550 | HOSE,INLET | 5214FR4125N | 1 | |
| | | K610 | DAMPER ASSEMBLY, FRICTION | 4901ER2002B | 3 | |
| | | K611 | HINGE | 4774FR3118B | 6 | |

REPLACEMENT PARTS LIST (WM2032HW)

CAUTION : Before replacing any part of these components Read carefully the safety precautions in this manual

| LG | MO | DEL: WD | 0-10210BD ABWEEUS | | R | un_Date : 02-12-28 | | |
|----|-----|---------|--------------------------------|--------------------|-------------------------|--------------------|--|--|
| YO | URN | IODEL: | WM2032HW | SPECIFICATION: 120 | PECIFICATION: 120V 60Hz | | | |
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS | | |
| | | *001 | MANUAL ASSEMBLY,OWNERS | 3829ER3014D | 1 | | | |
| | | *002 | BOX,CARTON | 3890EZ3355A | 1 | | | |
| | | *003 | SPANNER | 3W20018B | 1 | | | |
| | | *004 | MANUAL,SERVICE | 3828ER3013T | 0 | | | |
| | | A100 | CABINET ASSEMBLY | 3091ER0001C | 1 | | | |
| | | A101 | COVER,BACK | 3808FR1202A | 1 | | | |
| | | A103 | HOLDER | 4930FR3151A | 1 | | | |
| | | A104 | BOLT ASSEMBLY | 4011FR3159E | 2 | | | |
| | | A105 | BOLT ASSEMBLY | 4011FR3159D | 2 | | | |
| | | A110 | TOP PLATE ASSEMBLY | 3457ER1002A | 1 | | | |
| | | A125 | FRAME,REAR | 3210ER1306A | 1 | | | |
| | | | COVER,CABINET | 3550ER0005A | 1 | | | |
| | | | CLAMP ASSEMBLY | 2W20017E | 1 | | | |
| | | | HINGE ASSEMBLY | 4775ER2001A | 1 | | | |
| | | | DOOR ASSEMBLY | 3581ER0001G | 1 | | | |
| | | | LID ASSEMBLY | 3523ER1001C | 1 | | | |
| | | | BASE ASSEMBLY,CABINET | 3041ER0001A | 1 | | | |
| | | | BRACKET,BASE | 4810ER3006A | 4 | | | |
| | | | LEG ASSEMBLY | 5413FR4154D | 4 | | | |
| | | | HOSE,INLET | 5215FD3715E | 1 | | | |
| | | | HOSE,INLET | 5215FD3715F | 1 | | | |
| | | | CAP,COVER | 5006FR3146A | 1 | | | |
| | | | SWITCH ASSEMBLY, SENSOR SWITCH | 6600FA1704X | 1 | | | |
| | | | POWER CORD ASSEMBLY | 6411ER1004S | 1 | | | |
| | | | SWITCH ASSEMBLY,DOOR | 6601ER1004B | 1 | | | |
| | | | PWB(PCB) ASSEMBLY,MAIN | 6871EC1081B | 1 | | | |
| | | | FILTER ASSEMBLY(CIRC) | 6201EC1004L | 1 | | | |
| | | | BRACKET ASSEMBLY | 4811ER3001A | 1 | | | |
| | | | SENSOR ASSEMBLY | 6501FA2462C | 1 | | | |
| | | | PWB(PCB) ASSEMBLY, DISPLAY | 6871EC1072D | 1 | | | |
| Δ | | | HARNESS,PWB | 6877ER1015B | 1 | | | |
| | | | HARNESS, MOTOR | 6877ER1015B | 1 | | | |
| | | | HARNESS,MOTOR | 6877ER3003B | | | | |
| | | | VALVE ASSEMBLY,INLET | 5220FR2008C | 1 | | | |
| | | | · | | | | | |
| | | | VALVE ASSEMBLY, INLET | 5220FR1280F | 1 | | | |
| | | | PANEL ASSEMBLY,CONTROL | 3721ER1054C | | | | |
| | | | | 4940ER3014A | 1 | | | |
| | | | | 4924ER1006B | 1 | | | |
| | | | BOX ASSEMBLY, DETERGENT | 3891ER2002A | 1 | | | |
| | | | BOX,DETERGENT | 3890ER2002A | 1 | | | |
| | | | BELLOWS | 4738ER2001A | 1 | | | |
| | | | BELLOWS | 4738ER2002A | 1 | | | |
| | | | | 5215ER2002F | 1 | | | |
| | | | HANGER ASSEMBLY, PIVOT | 3W50712A | 1 | | | |
| | | F441 | CLAMP | 4861FR3068C | 3 | | | |
| | | F461 | CLAMP | 4861FR3068E | 1 | | | |

| | | ODEL: V R MODE | Run_Date : 02-12-28 | | | |
|---|----|-------------------|---------------------------|-------------|------|---------|
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS |
| | | F463 | CLAMP | 4860FR3092D | 2 | |
| | | F464 | CLAMP | 4860FR3092C | 1 | |
| | | K101 | TUB,OUTER | 3044ER0003A | 1 | |
| | | K105 | TUB ASSEMBLY,OUTER[SUB4] | 3045ER0008A | 1 | |
| | | K110 | TUB ASSEMBLY, INNER[DRUM] | 3045ER1006A | 1 | |
| | | K111 | LIFTER ASSEMBLY | 4433ER1001A | 3 | |
| | | K115 | SPIDER | 4434ER0001A | 1 | |
| L | | K121 | BEARING,BALL | 4280FR4048D | 1 | |
| | | K122 | BEARING,BALL | 4280FR4048E | 1 | |
| | | K123 | BOLT ASSY | 4040FR4051B | 1 | |
| | | K125 | SEAL | 4036ER3002A | 1 | |
| | | K130 | BALANCE WEIGHT | 4866ER0004A | 2 | |
| | | K140 | COVER ASSEMBLY, TUB | 3551ER0003A | 1 | |
| | | K141 | SEAL | 4036ER4001B | 1 | |
| | | K310 | THERMISTOR ASSEMBLY | 6322FR2046C | 1 | |
| A | | K320 | HEATER ASSEMBLY | 5301FR1158J | 1 | |
| | | K340 | MOTOR ASSEMBLY, PUMP | 4681EA2001D | 1 | |
| | | K343 | CLAMP | 4860FR3092C | 1 | |
| | | K344 | CASING,PUMP | 3108ER1001A | 1 | |
| | | K345 | MOTOR ASSEMBLY, PUMP | 4681EA2001C | 1 | |
| A | | K350 | STATOR ASSEMBLY | 4417FA1994G | 1 | |
| | | K360 | ROTOR ASSEMBLY | 4413EA1002B | 1 | |
| | | K410 | SPRING,HINGE | 4970FR2084D | 2 | |
| | | K411 | HOLDER | 4930FR3040A | 2 | |
| | | K510 | GASKET | 4986ER0001A | 1 | |
| | | K520 | BELLOWS | 4738ER1002A | 1 | |
| | | K530 | CLAMP ASSEMBLY | 4861ER2001D | 1 | |
| | | K531 | CLAMP | 4861FR3068E | 2 | |
| | | K540 | CHAMBER,AIR | 3504ER3002A | 1 | |
| | | K550 | HOSE,INLET | 5214FR4125N | 1 | |
| L | | K610 | DAMPER ASSEMBLY, FRICTION | 4901ER2002B | 3 | |
| | | K611 | HINGE | 4774FR3118B | 6 | |

REPLACEMENT PARTS LIST (WM1832CW)

CAUTION : Before replacing any part of these components

Read carefully the safety precautions in this manual

| | | | D-90210BD ABWEEUS : WM1832CW | SPECIFICATION: 120 | / 60Hz | Run_Date : 02-12-28 |
|-------------------------|----|------|---------------------------------|--------------------|--------|---------------------|
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS |
| | | *001 | MANUAL ASSEMBLY,OWNERS | 3829ER3014E | 1 | |
| | | *002 | BOX,CARTON | 3890EZ3355A | 1 | |
| | | *003 | SPANNER | 3W20018B | 1 | |
| | | *004 | MANUAL,SERVICE | 3828ER3013T | 0 | |
| | | A100 | CABINET ASSEMBLY | 3091ER0001C | 1 | |
| | | A101 | COVER,BACK | 3808FR1202A | 1 | |
| | | A103 | HOLDER | 4930FR3151A | 1 | |
| | | A104 | BOLT ASSEMBLY | 4011FR3159E | 2 | |
| | | A105 | BOLT ASSEMBLY | 4011FR3159D | 2 | |
| | | A110 | TOP PLATE ASSEMBLY | 3457ER1002C | 1 | |
| | | A125 | FRAME,REAR | 3210ER1306A | 1 | |
| | | A130 | COVER,CABINET | 3550ER0005A | 1 | |
| | | A133 | CLAMP ASSEMBLY | 2W20017E | 1 | |
| | | A140 | HINGE ASSEMBLY | 4775ER2001A | 1 | |
| | | A150 | DOOR ASSEMBLY | 3581ER0001F | 1 | |
| | | A160 | LID ASSEMBLY | 3523ER1001C | 1 | |
| | | A200 | BASE ASSEMBLY,CABINET | 3041ER0001B | 1 | |
| | | A201 | BRACKET,BASE | 4810ER3006A | 4 | |
| | | A220 | LEG ASSEMBLY | 5413FR4154D | 4 | |
| | | A275 | HOSE,INLET | 5215FD3715E | 1 | |
| | | A276 | HOSE,INLET | 5215FD3715F | 1 | |
| | | A303 | CAP,COVER | 5006FR3146A | 1 | |
| A | | A410 | SWITCH ASSEMBLY, SENSOR SWITCH | 6600FA1704X | 1 | |
| A | | A430 | POWER CORD ASSEMBLY | 6411ER1004S | 1 | |
| | | A440 | SWITCH ASSEMBLY,DOOR | 6601ER1004B | 1 | |
| | | A450 | PWB(PCB) ASSEMBLY,MAIN | 6871EC1081C | 1 | |
| | | A485 | FILTER ASSEMBLY(CIRC) | 6201EC1004L | 1 | |
| | | A490 | BRACKET ASSEMBLY | 4811ER3001A | 1 | |
| | | A495 | SENSOR ASSEMBLY | 6501FA2462C | 1 | |
| | | F110 | PWB(PCB) ASSEMBLY, DISPLAY | 6871EC1072E | 1 | |
| | | F120 | HARNESS,PWB | 6877ER1015C | 1 | |
| A | | F140 | HARNESS,MOTOR | 6877ER1016B | 1 | |
| | | F141 | HARNESS,MOTOR | 6877ER3003C | 1 | |
| | | | VALVE ASSEMBLY, INLET | 5220FR2008C | 1 | |
| $\overline{\mathbf{A}}$ | | F170 | VALVE ASSEMBLY, INLET | 5220FR1280F | 1 | |
| | | | PANEL ASSEMBLY, CONTROL | 3721ER1054D | 1 | |
| | | | KNOB,ROTARY | 4940ER3014A | 1 | |
| | | F300 | DISPENSER | 4924ER1006B | 1 | |
| | | F301 | BOX ASSEMBLY, DETERGENT | 3891ER2002A | 1 | |
| | | F302 | BOX,DETERGENT | 3890ER2002A | 1 | |
| | | F310 | BELLOWS | 4738ER2001A | 1 | |
| | | F315 | BELLOWS | 4738ER2002A | 1 | |
| | | | HOSE ASSEMBLY, DRAIN | 5215ER2002F | 1 | |
| | | | HANGER ASSEMBLY, PIVOT | 3W50712A | 1 | |
| | | | CLAMP | 4861FR3068C | 3 | |
| | | F461 | CLAMP | 4861FR3068E | 1 | |

| | | DEL: W MODEL | Run_Date : 02-12-28 | | | |
|---|----|-----------------|---------------------------|-------------|------|---------|
| S | AL | LOC | DESCRIPTION | PARTS No. | Q'TY | REMARKS |
| | | F463 | CLAMP | 4860FR3092D | 2 | |
| | | F464 | CLAMP | 4860FR3092C | 1 | |
| | | K101 | TUB,OUTER | 3044ER0003A | 1 | |
| | | K105 | TUB ASSEMBLY,OUTER[SUB4] | 3045ER0008C | 1 | |
| | | K110 | TUB ASSEMBLY, INNER[DRUM] | 3045ER1006B | 1 | |
| | | K111 | LIFTER ASSEMBLY | 4433ER1001B | 1 | |
| | | K115 | SPIDER | 4434ER0001A | 1 | |
| | | K121 | BEARING,BALL | 4280FR4048D | 1 | |
| | | K122 | BEARING,BALL | 4280FR4048E | 1 | |
| | | K123 | BOLT ASSY | 4040FR4051B | 1 | |
| | | K125 | SEAL | 4036ER3002A | 1 | |
| | | K130 | BALANCE WEIGHT | 4866ER0004A | 2 | |
| | | K140 | COVER ASSEMBLY, TUB | 3551ER0003C | 1 | |
| | | K141 | SEAL | 4036ER4001B | 1 | |
| | | K310 | THERMISTOR ASSEMBLY | 6322FR2046C | 1 | |
| | | K340 | MOTOR ASSEMBLY, PUMP | 4681EA2001D | 1 | |
| | | K343 | CLAMP | 4860FR3092C | 1 | |
| | | K344 | CASING,PUMP | 3108ER1001B | 1 | |
| | | K350 | STATOR ASSEMBLY | 4417FA1994G | 1 | |
| | | K360 | ROTOR ASSEMBLY | 4413EA1002B | 1 | |
| | | K410 | SPRING,HINGE | 4970FR2084D | 2 | |
| | | K411 | HOLDER | 4930FR3040A | 2 | |
| | | K510 | GASKET | 4986ER0001B | 1 | |
| | | K520 | BELLOWS | 4738ER1002A | 1 | |
| | | K530 | CLAMP ASSEMBLY | 4861ER2001D | 1 | |
| | | K531 | CLAMP | 4861FR3068E | 2 | |
| | | K540 | CHAMBER,AIR | 3504ER3002A | 1 | |
| | | K550 | HOSE,INLET | 5214FR4125N | 1 | |
| | | K610 | DAMPER ASSEMBLY, FRICTION | 4901ER2002B | 3 | |
| | | K611 | HINGE | 4774FR3118B | 6 | |