LG

OWNER'S MANUAL



Washing Machine



Protection against wrinkles

With the alternate rotation of the drum, wrinkling in the laundry is minimized.

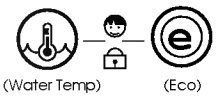


Preferred temperature selection

There are 4 temperature selections between cold and 95℃

Low noise speed control system

By sensing the load and balance, it evenly distributes the load to minimize the spinning noise level.



Child-Lock

The Child-Lock system has been used to prevent children from pressing any button to change the program during operation.



Auto Restart

If the washing machine is turned off by a power failure, it will restart automatically from the position it stopped at adjusting accordingly.

IMPORTANT

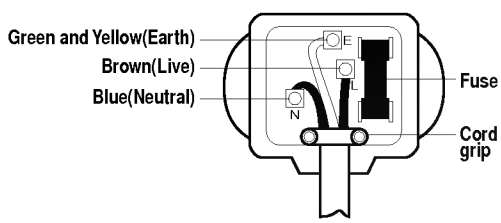
THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:

GREEN AND YELLOW: EARTH

BLUE: NEUTRAL

BROWN: LIVE

This appliance must be earthed



As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Green and Yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol (⏚) or coloured Green or Green and Yellow.

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black.

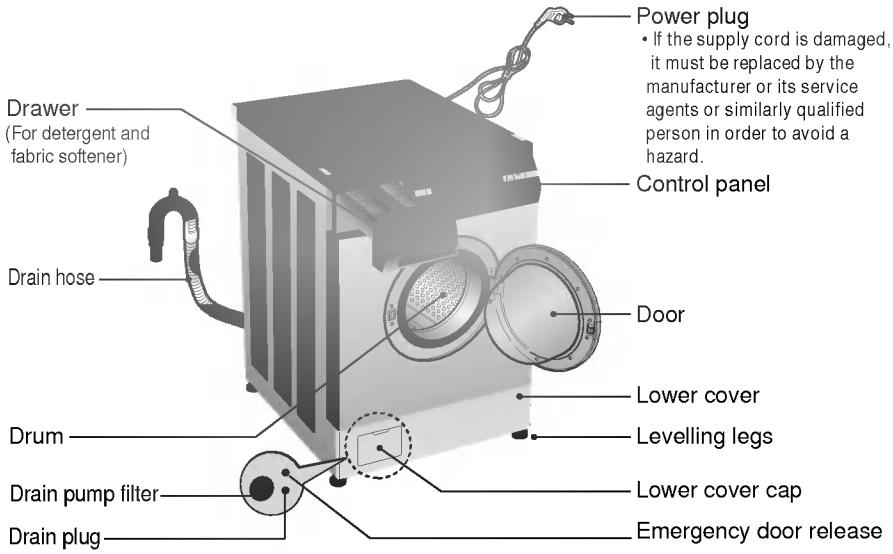
The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Red.

If a 13 amp (BS 1363) plug is used, fit a 13 amp BS 1362 fuse.

Warnings

You must read the whole of this instruction book before you use the appliance.
Follow the advice carefully.
Keep the book for future reference. If you sell or give away the appliance, make sure that the book is passed to the new owner.
The following warnings are provided in the interests of overall safety.
You must read them before the appliance is installed or used.

- This appliance is designed to be used by adults. Children should not be allowed to touch the controls or play with the product.
- It is dangerous to modify the specifications of this appliance in any way.
- This appliance is heavy. Care should be taken when moving it.
- All packaging and transit bolts must be removed before the appliance is used. Serious damage may occur if this is not done.
- Any plumbing work required to install this appliance should be carried out by a qualified plumber or a competent person.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or a competent person.
- Make sure that the appliance does not stand on its electrical supply cable.
- If the machine is situated on a carpeted floor, please adjust the feet to ensure that air can circulate freely.
- Always unplug the appliance and turn off the water tap after use.
- Do not overload the appliance.
- Only wash fabrics which are designed to be machine washed. If in doubt, follow the instructions you find on the label of the item itself.
- Avoid electric heaters, candles, etc. near the machine. It may ignite or deform the machine.
- Don't sprinkle water. It may cause a fire or electric shock.
- Use the exclusive AC 220V-240V outlet with ground terminal. Do not use an extension cord or double adapter.
- Make sure that all pockets are empty. Hard, sharp objects such as coins, safety pins, nails, screws or stones can cause extensive damage.
- Do not wash laundry stained with edible oil, machine oil, dry-cleaning oil, gasoline, etc. It may cause fire or explosions.
- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Do not machine wash fabrics which are saturated with petroleum products. If volatile cleaning fluids have been used, make sure that they are thoroughly removed from the fabric before it is placed in the appliance.
- Do not operate near places with ignitable material such as gasoline, benzene, etc. or inflammable gas leak. Due to volatile nature of these material, It can cause fire or explosions.
- Use only the recommended quantities of fabric softener. An excessive amount could damage the laundry.
- Leave the porthole door slightly ajar between washes to preserve the door seal.
- Before you open the door of the machine check that the water has drained. Do not open the door if you can still see water.
- Pets and children may climb into the washing machines. Check your appliance each time before use.
- The glass door becomes very hot during washing. Keep children away from the appliance while it is in use.
- You should not attempt to repair the machine yourself Repairs carried out by inexperienced or unqualified persons may cause injury and/or more serious faults to the machine.
- This product should be serviced by an authorized Service Centre only, and only genuine spare parts should be used.
- When disposing of your old washing machine, the electric cable must be cut off and the door catch must be made inoperative to avoid it becoming dangerous to a child.
- The base opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

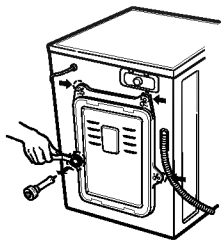


■ Name	:	Front loading washing machine
■ Power supply	:	220-240V~, 50Hz
■ Size	:	600mm(W) ×600mm(D) ×850mm(H)
■ Weight	:	67kg
■ Wash capacity	:	7.0kg
■ Heating	:	2200W
■ Spin speed	:	600/800/1000rpm
■ Water consumption	:	67 ℓ (9.6 ℓ / kg)
■ Permissible water pressure	:	0.3-10kgf/㎠ (30-1000kPa)
■ Permissible cold water temperature	:	4-25℃
■ Accessories	:	Inlet hose (2EA), Spanner (1EA)

■ The hot water should ideally be 60℃ and must NOT be above 70℃
■ Hot inlet valve operates only when water temperature is selected at 60℃ or 95℃.

※ The appearance and specifications may be varied without notice to raise the units quality.

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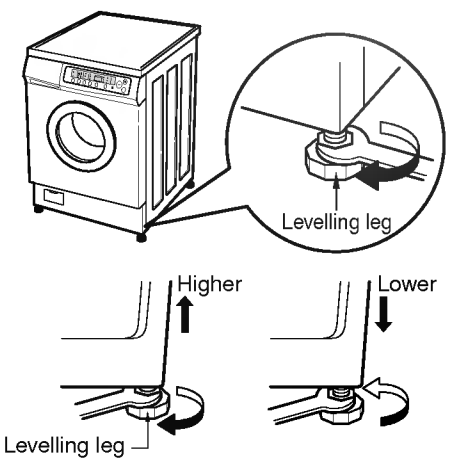


• Keep the transit bolts and spanner for future use in case the machine is to be transported again.

■ How to disassemble the transit bolts.

• To protect the washer during transportation, the special 4 bolts are locked. Before operating the washer, remove the bolts along with the rubber bungs.
(If they are not removed, it may cause heavy vibration, noise and malfunction)

1. Locate the 4 bolts that secures the back cover.
2. Unscrew the 4 bolts with a spanner provided.
3. Take out the 4 bolts along with the rubber bungs by slightly twisting the bung.



• If the washer is not levelled, it may cause noise or vibration.

■ Level adjustment

1. Select a place for installation

• Place it on a firm and even floor
• Place it more than 2cm away from the wall or other furniture

2.Check the gap

• Ensure all feet are firmly on the floor.

3.Level adjustment

• After adjusting the level, check the machine for stability and re-adjust the level if necessary.
• Levelling should be done within 1.5 degree angle.

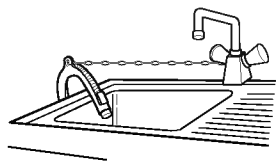
■ Electrical connection

• Do not use an extension cord or double adapter.
• If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
• Always unplug the machine and turn off the water supply after use.
• Connect the machine to an earthed socket in accordance with current wiring regulations.

• If the appliance is supplied from a cord extension set or electrical portable outlet device, the cord extension set or electrical portable outlet device should be positioned so it is not subject to splashing or ingress of moisture.
• If a stationary appliance is provided with a supply cord and a plug, the instructions shall state that the appliance must be positioned so that the plug is accessible.

Installation

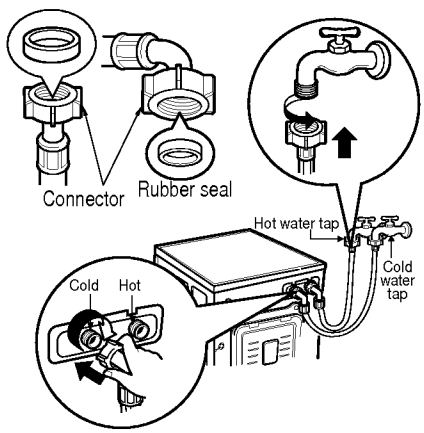
■ Water drain



- Hook over the edge of a sink or waste water disposal pipe using the plastic hose hanger supplied with the machine.
- Make sure there are no kinks in the hose and that it is not crushed. Secure the hose so that it can not be dislodged while the appliance is running.
- The drain hose should not be placed higher than 85cm above the floor.

■ Connecting the inlet hose

- To prevent leaks two rubber seals are supplied with the water inlet hose inside the valve connector.
- If there is only one tap, connect the hose to the cold water inlet.
- Make sure the correct water valve is connected to the corresponding tap.(IE : Hot inlet valve to hot water tap.)
- The connections are tightly fixed.
- When using only cold water, only cold inlet hose can be used.



1. Fix the red Marked inlet hose at the hot water tap and at the inlet valve with the red filter on the rear side of the machine.

2. Fix the other inlet hose at the cold water tap and at the inlet with the white filter on the rear side of the machine.

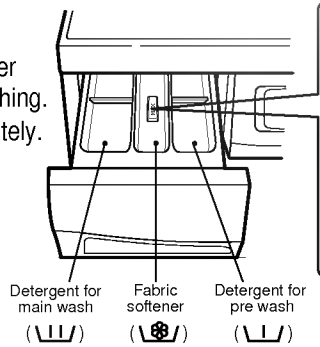
WARNING **The water supply pressure must be between 30 kPa and 1000 kPa**

- Check pocket for any articles (coin, safety pin, paper clips, etc.)
- Close zips and fasten button or hooks : loose belt or ribbons should be tied together.
- Never wash whites and coloureds together.
- Follow the wash code symbols on each garment label and manufacturer's washing instructions.

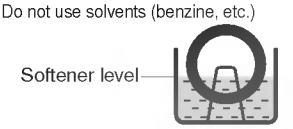
Soiled condition	Washing	Temperature
Heavily soiled	- Pre wash - Main wash	Heavily soiled cottons : cold - 95℃ Normally soiled cottons : cold - 95℃ Colored cottons : cold - 60℃ Synthetics : cold - 60℃ Delicate fabrics : cold - 40℃ Woollens : cold - 40℃
Normally Soiled	- Main wash	

■Where to place the detergent

- Pull out the detergent drawer.
- Put the detergent and fabric softener in the detergent drawer before washing.
- Close the detergent drawer completely.



The drawer for fabric softener
- Do not leave the fabric softener in the detergent drawer for more than 2 days. (Fabric softener could harden)
- Do not open the drawer during water fill cycle.
- Softener will automatically add during last rinsing cycle.
- Do not fill past MAX indicator.
- Do not use solvents (benzine, etc.)



- Programs with PRE-WASH
- MAIN-WASH only

- The detergent should be used according to the instruction of the detergent manufacturer.
- If the detergent is used over the recommended amount too many bubbles will be generated thus causing an inferior washing result. Which will cause malfunction.
- Use detergent only for drum washing machine.

Detergent dosages

Do not exceed manufacturer's recommended dosages as shown on the detergent package.
The amounts depend on

- degree and type of soiling
- amount of wash
  - full load : according to manufacturer's instructions
  - part load : 3/4 of the normal amount
  - minimum load (about 1kg) : 1/2 the amount used for full load
- Water hardness in your area.

Choosing the right detergent

The type of detergent depends on

- the type of fabric (cotton, synthetic, delicate items, wool)
- colour
- wash temperature
- degree and type of soiling

NOTE : use appropriate detergent only for wool

Rinse hold

- If you desire to leave you fabrics in the machine without spinning after rinse to prevent them getting wrinkled, you may select rinse hold by pressing the (Rinse) button.
- To drain and spin, press the (Rinse) button or (Start/Pause) button to turn off the rinse hold lamp.

Eco button

- If you push the Eco button in while Whites program, Eco function is selected. Eco function gives you almost the same washing effect as that in 95˚C with less energy consumption.

Wash program selector

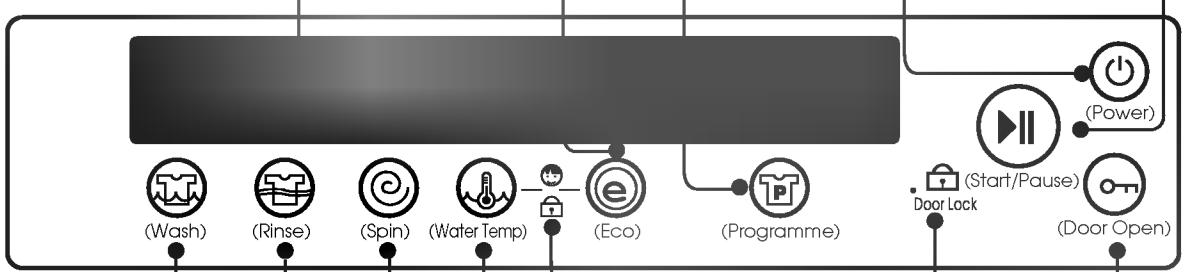
- 6 programs can be selected depending on the type of laundry.
- If the power button is pressed, Coloreds program is automatically set.
- By pressing the (Programme) button, [Coloreds→Whites→Rapid→Delicate→Wool→Synthetic] can be selected.

Power button

- Press the button to turn power on and off.
- Press the button to cancel the delay finish.

Start/Pause button

- Use the button to start or pause wash cycle.
- The power turns off automatically 4 minutes after the pause button is pressed.



For manual wash, rinse and spin speed

- Use these buttons to change wash/rinse/spin.
- When lamp is off no selection has been made.
- Prewash is available for Coloreds, Whites, Synthetic.

Water temperature selector

- Press the button to select water temperature.
- The water temperature [40˚C→60˚C→Cold] can be selected in Coloreds, Synthetic
- 95˚C is selected for Whites only.
- By pressing the button during operating the washer, the present temperature is displayed.

Door Lock lamp

- It shows whether the door can be opened or not.
- When the lamp is on, the door can't be opened.

Door open button

- Press the button to open the door.
- Only operates when the power plug is connected to 220-240V~ outlet.

Child-Lock

- Once Child-Lock is set, all buttons are inoperable during operation.
- The Child-Lock system can be set at any time even including during Power-Off, on Pause and operation. It is automatically cancelled when an operational error occurs and when the cycle ends.

■The whole washing process is carried out automatically with just one touch.

(If no program is selected, Coloreds program will commence.)

■Prepare the washing

- Make sure that the machine is plugged in the electric supply.
- Turn on the cold water tap.
- Press the (Door Open) button.
- Load the laundry and close the door.
- Put the detergent and fabric softener into drawer.

■In case of automatic washing

1. Press the (Power) button.

2. Press the (Start/Pause) button to start the washing machine.

- The coloreds program is carried out automatically.

3.The optimum wash program is selected once the load is detected.

■To change the washing program

1. Press the (Power) button.

2. [Coloreds → Whites →Rapid→ Delicate→ Wool → Synthetic] will appear in order by pressing the (Programme) button.

- Make adjustment to water temperature, rinse or spin cycles to suit your wash needs by pressing these buttons.
- The time required can be slightly changed according to the laundry amount, water supply and water temperature.

(Programme)		• Select the function to change rinse, spin and water temperature. • ( ) indicates manual operations.				Washing time
		(Wash)	(Rinse)	(Spin)	(Water Temp.)	
Coloreds	Colored blouses, aprons, shirts, bed linen	Main wash (Pre + Main)	NORMAL (SUPER) (NORMAL+RINSE HOLD) (SUPER+RINSE HOLD)	800 (600, 1000)	40°C (Cold, 60°C)	about one hour & 46 minutes
Whites	Bed and table linen, towels, underwear white or colour-fast	Main wash (Pre + Main)		800 (600, 1000)	95°C	about 2 hours & 23 minutes
Rapid	For quick washing of less dirty laundry or frequently used towels.	Main wash		600 (800, 1000)	Cold (40°C)	about 43 minutes
Delicate (Below 2.5kg)	Delicate curtains, dresses, skirts, shirts etc.	Main wash		600	Cold (40°C)	about one hour & 9 minutes
Wool (Below 2.0kg)	Laundry easily shaped or damaged. Only machine washable woolens with pure new wool label.	Main wash		600	Cold (40°C)	about 45 minutes
Synthetic	Polyamide, Acrylic, Polyester	Main wash (Pre + Main)		800 (600,1000)	40°C (Cold, 60°C)	about one hour & 46 minutes

3. Press the (Start/Pause) button to start the cycle.

Completion of washing

- If the washing is completed, power turns off automatically after the alarm sound. Press the (Door Open) button and take out the laundry.
- Switch off the appliance and turn off the tap.

How to use your washing machine

■ More convenient manual operations of Coloreds program

It is more convenient to operate manually in Coloreds program than in others because Coloreds program is firstly set with power on.

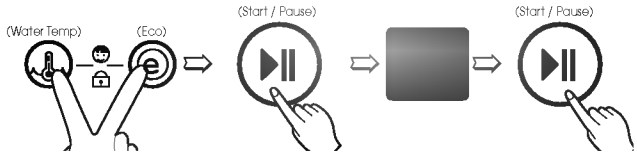
In Coloreds,

- When you want wash only, press the (Wash) button to select the washing method.
- When you want rinse only, press the (Rinse) button to select the rinsing method.
- When you want spin only, press the (Spin) button to select the Spin speed.
- When you want wash and rinse only, press the (Wash) button and (Rinse) button to select each method.
- When you want rinse and spin only, press the (Rinse) button and (Spin) button to select each method.

■The Child-Lock system

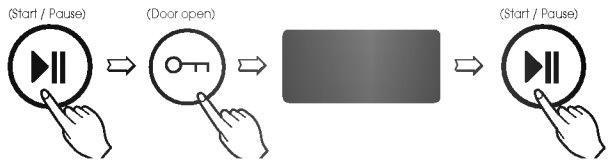
- The Child-Lock system can be programed and cancelled by pressing both the (Water Temp.) and (Eco) buttons simultaneously.

- **Child-Lock** (If you want to lock all the buttons to prevent all the setting from a child or infirm persons, you can use this option.)
  If you want to change the program when the Child-Lock system is on,
  1. Press both (Water Temp.) and (Eco) buttons.
  2. Press the (Start/Pause) button.
  3. Change the desired program and press the (Start/Pause) button.



- If you want to deactivate Child -Lock during wash cycle, press both (Water Temp.) and (Eco) simultaneously.

- Door Lock → If the lamp is off, this indicates that the door can be opened into the washing cycle, after first pushing the pause button. (As the water level is still low enough to allow this)
- In case of adding laundry (when Door Lock is off)



- Door Lock → If the lamp is on, select spin cycle to drain water and press the (Start/Pause)button and then (Door Open) button to open the door.

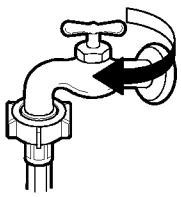
Maintaining

- Unplug the power plug prior to maintaining
- Clean the filter periodically every 3 months.

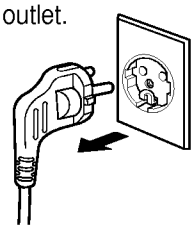
■Clean the filter in the inlet valve

• When no water flows through detergent drawer, or filter is clogged with foreign material " ☼ Pre ☼ Main " is displayed of the control panel.

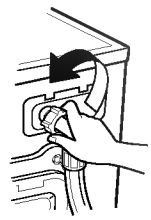
1 Turn off the water tap.



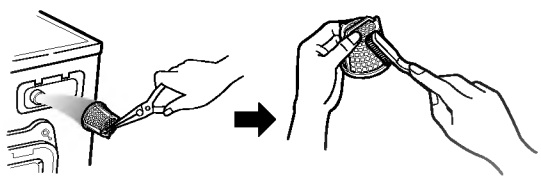
2 Unplug the power plug from the outlet.



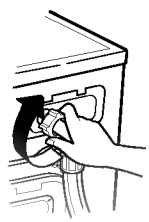
3 Disconnect the inlet hose



4 Pull out the filter with a tool or by hand and clean it using a toothbrush.



5 Connect the inlet hose and check water leakage.

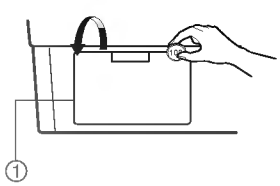


• Insert the filter in it's original place.

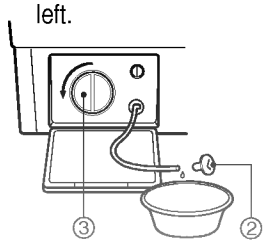
■Clean the drain pump filter

Don't drain with hot water in the machine.

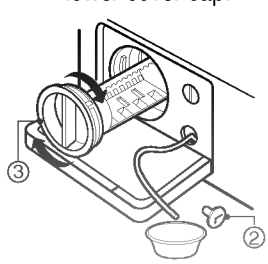
1 Open the lower cover cap (①) by using coin. Turn the drain plug (②) to pull out the hose.



2 Unplug the drain plug (②), allowing the water to flow out. At this time use a vessel to prevent water flowing on to the floor. If the water does not flow any more, turn the pump filter (③) open to the left.

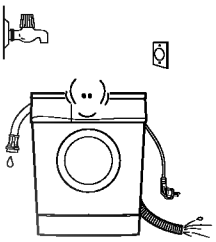


3 Take out any foreign material from the pump filter (③). After cleaning, turn the pump filter (③) clockwise and insert the drain plug (②)to the original place. close the lower cover cap.

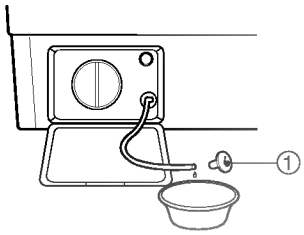


■To prevent being frozen in winter

1 Turn off the water tap and remove the inlet hose.

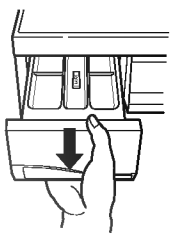


2 Drain water in the machine using drain plug (①).

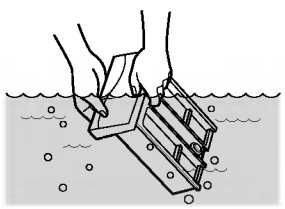


■Maintenance of the drawer

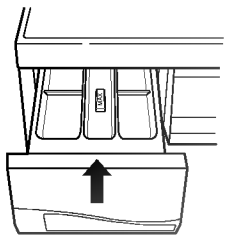
1 Pull out the drawer slightly upware.



2 Wash it clearly.

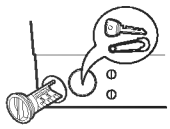
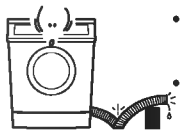
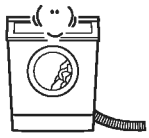
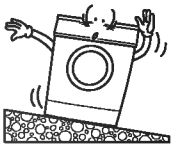


3 Insert it in its original place.

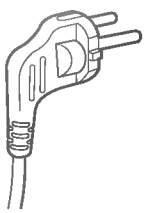
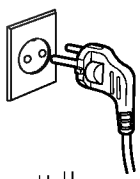
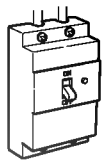
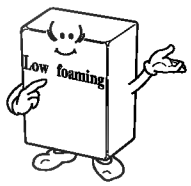
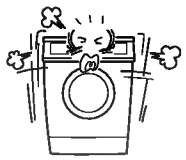
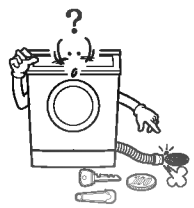


Trouble - Shooting guide

- Check the following before asking for service if the error message is displayed during washing, rinsing, spinning.
- Request for service in the case of failure or damage except the followings.

Symptom	Check points	Solution
☼ Pre ☼ Main (no inlet)	 • Is the water pressure low or the filter clogged ?	• Disconnect the inlet hose and clean the filter. 11 Refer
☼ 1000 ☼ 800 ☼ 600 (no drain)	 • Is there foreign matter in the drain filter ?  • Is the drain hose bent or higher than 85cm above the floor ? • Is the hose clogged ?	• Clean and remove foreign material from drain filter. 11 Refer • Put the drain hose evenly. • Place the drain hose under 85cm from the floor. 6 Refer
☼ Rinse Hold ☼ Super ☼ Normal (Imbalance)	 • Is the laundry tilted to one side in the drum?  • Is the washer leveled?	• Spread the laundry evenly. • Release imbalance by pressing the [Start / Pause] button. If it happens after rinsing or spinning, call for service. • Install it on a firm and even floor. 5 Refer
☼ Door Lock	 • Is the door opened?	• Close the door. ✻ If it is not released, call for service.
☼ 95°C ☼ 60°C ☼ 40°C ☼ Cold		• Unplug the power plug and call for service

Trouble - Shooting guide

Symptom	Check points	Solution
☼ Coloreds ☼ Whites ☼ Rapid	It is displayed if the water overfills due to the faulty water valve.	• Close the water tap. • Unplug the power plug. • Call for service
☼ Synthetic ☼ Wool ☼ Delicate	It is displayed if the water level sensor malfunctions.	
	 • Did you press the [Power] button?	• Turn it on.
	 • Is the power plug unplugged? • Is the power supply correct?	• Plug it to power supply. • Use exclusive 220-240V~ outlet with ground terminal.
	 • Is the short-circuit breaker turned off?	• Turn it on.
	 • Did you use more detergent than recommended? • Did you use low suds detergent for the front loading washing machine?	• Use the recommended amount. • Use detergents for front loading washing machines only.
	 • Did you remove the transit bolts and rubber bungs? • Is the washer level? • Is the drain pump clogged with foreign matters ? • Is the washer loaded with excessive clothes?	• Remove it. • install it on the firm and even floor and level it. • Remove foreign matter from the drain filter. • Remove the excessive loads.



LG Electronics Inc.

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