



Commercial Washer Operating Instructions

CW2079CWD / CW2079CWN

Please read this manual carefully. It provides instructions on safe installation, use, and maintenance. Retain it for future reference.

Record the model and serial numbers of your machine and report this information to your dealer if your machine requires service.

Not for residential use.



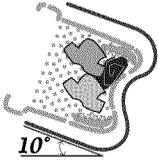
Designed specially to use only
HE (High Efficiency) detergent

PRODUCT FEATURES



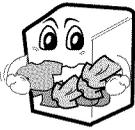
■ Direct Drive System

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



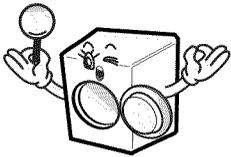
■ Tilted Drum and Extra Large Door Opening

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



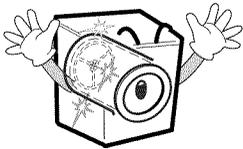
■ Ultra Capacity

The larger drum enables more tumbling action and greater centrifugal force, but also less tangling and wrinkling of the laundry. Heavier loads, such as king size comforters, blankets, and curtains, can be washed.



■ See-through Door and Big Door

You can see the laundry throughout the cycle.



■ Stainless Steel Drum

The stainless steel drum doesn't rust.

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READ ALL INSTRUCTIONS BEFORE USE

WARNING!

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word DANGER or WARNING.

These words mean:

 DANGER: You can be killed or seriously injured if you don't follow instructions.

** WARNING:** You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

IMPORTANT SAFETY INSTRUCTIONS

 WARNING: To reduce the risk of fire, electric shock, or injury to persons when using the washer, follow basic precautions, including the following:

- Read all instructions before using the washer.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- Do not add gasoline, dry cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the washing machine, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children.
- Before the washer is removed from service or discarded, remove the door to prevent children from hiding inside.
- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with the controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in the user-maintenance instructions or published user-repair instructions that you understand and have the skills to carry out.
- See **Installation Instructions** for grounding requirements.
- **ALWAYS** follow the fabric care instructions supplied by the garment manufacturer.
- Do not place items exposed to cooking oil in your washer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.

SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

- Do not use an adapter or extension cord.
- Do not remove ground prong.
- If you don't have the proper outlet, consult an electrician.

 WARNING: Improper connection of the equipment-grounding conductor can result in risk of electric shock. Consult a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it does not fit the outlet, have a proper outlet installed by a qualified electrician.

READ ALL INSTRUCTIONS BEFORE USE

▲ WARNING!

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.

SAFETY INSTRUCTION FOR INSTALLATION

▲ WARNING!

To reduce the risk of fire, electric shock, or injury to persons when using the appliance, follow basic precautions, including the following:

- **Refer to INSTALLATION INSTRUCTIONS for detailed grounding procedures.**
Installation instructions are packed in the washer for installer's reference. If the washer is moved to a new location, have it checked and reinstalled by a qualified service person. Failure to follow this warning can cause serious injury, fire, electrical shock or death.
- **Do not, under any circumstances cut or remove the third (ground) prong from the power cord.**
Failure to follow this warning can cause serious injury, fire, electrical shock or death.
- **For personal safety, this appliance must be properly grounded.**
Failure to follow this warning can cause serious injury, fire, electrical shock or death.
- **The power cord of this appliance is equipped with a 3-prong (grounding) plug which fits a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.**
- **This washer must be plugged into a 120-VAC, 60-Hz grounded outlet.** Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.** Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.** Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **Do not install on carpet. Install the washer on a solid floor.** Failure to follow this warning can cause serious leak damage.
- **Do not remove the ground prong. Do not use an adapter or extension cord. Plug into a grounded 3 prong outlet.**
Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **The washer should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.**
This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.
- **Never unplug your washer by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.** Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **Repair or replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.**
Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **When installing or moving the washer, be careful not to pinch, crush, or damage the power cord.** Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **The washer must be installed and electrically grounded by a qualified service person in accordance with local codes,** to prevent shock hazard and assure stability during operation.
- **The washer is heavy. Two or more people are needed to install and move the appliance.**
Failure to do so can result in back or other injury
- **Store and install the washer where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.**
Failure to follow this warning can cause serious leak damage.
- **Do not install the washer in humid spaces to reduce the risk of electric shock.**
Failure to follow this warning can cause serious injury, fire, electrical shock, or death.

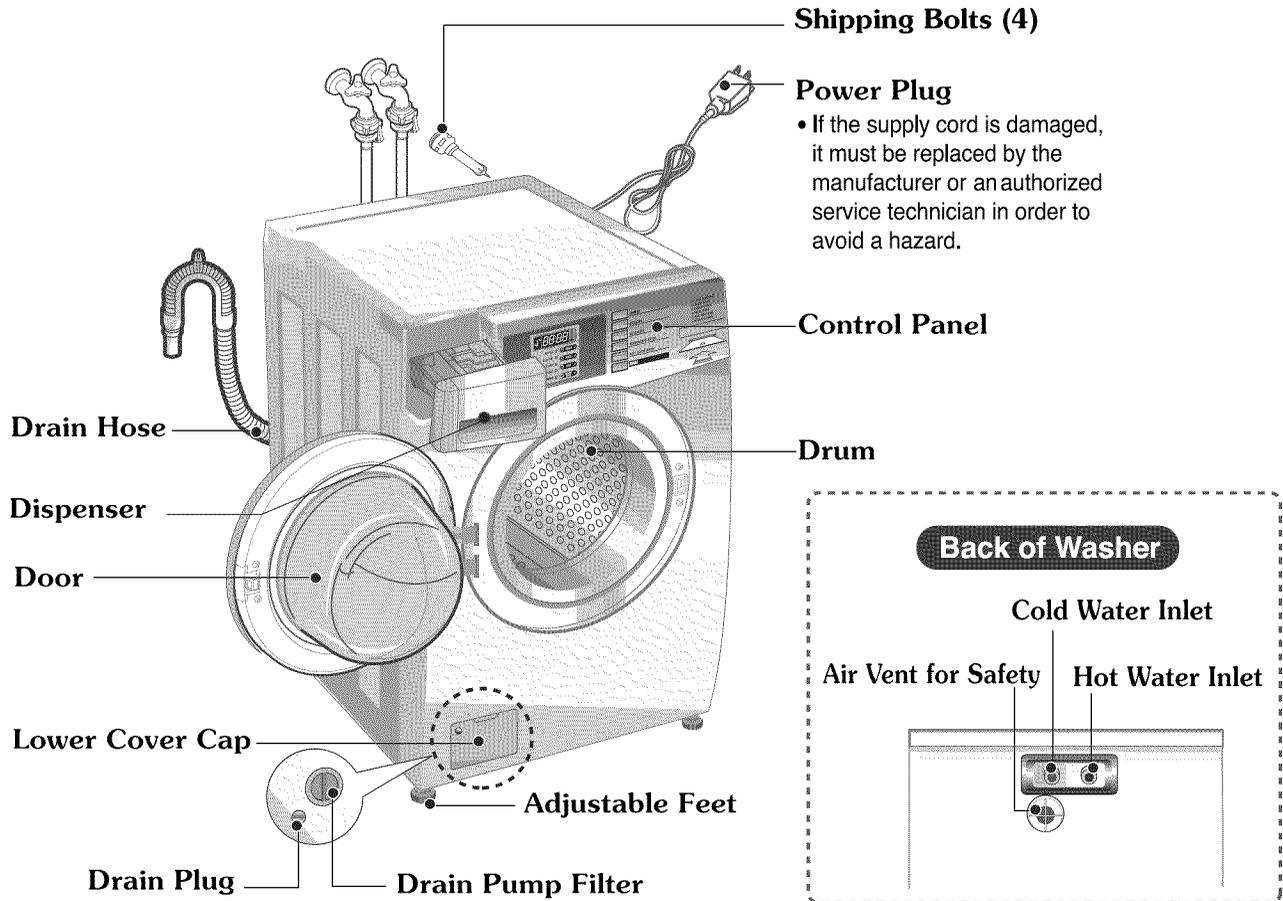
READ ALL INSTRUCTIONS BEFORE USE**▲ WARNING!**

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.

SAFETY INSTRUCTION FOR SAFETY USE/CLEANING/CARE/DISCARD**▲ WARNING!**

To reduce the risk of fire, electric shock or injury to persons when using the appliance, follow basic precautions, including the following:

- **Unplug the washer before cleaning** to avoid the risk of electric shock.
- **Never use harsh chemicals, abrasive cleaners, or solvents to clean the washer.** They will damage the finish.
- **Do not put oily or greasy rags or clothing on top of the washer.** These substances give off vapors that could ignite the materials.
- **Do not wash items that are soiled with vegetable or cooking oil.** These items may contain some oil after laundering. Due to the remaining oil, the fabric may smoke or catch fire by itself.
- **Disconnect this appliance from the power supply before attempting any user maintenance.** Turning the controls to the OFF position does not disconnect this appliance from the power supply. Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **Do not combine laundry products for use in 1 load unless specified on the label. Do not mix chlorine bleach with ammonia or acids such as vinegar.** Follow package directions when using laundry products. Incorrect usage can produce poisonous gas resulting in serious injury or death.
- **Do not reach into the washer while parts are moving. Before loading, unloading, or adding items, push in the cycle selector knob and allow the drum to coast to a complete stop before reaching inside.** Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **Do not allow children to play on or in the washer.** Close supervision of children is necessary when the washer is used near children. As children grow, teach them the proper, safe use of all appliances. Failure to comply with these warnings could result in serious personal injuries.
- **Destroy the carton, plastic bag, and other packing materials after the washer is unpacked.** Children might use them for play. Cartons covered with rugs, bedspreads or plastic sheets can become airtight chambers. Failure to comply with these warnings could result in serious personal injuries.
- **Keep laundry products out of children's reach.** To prevent personal injury, observe all warnings on product labels. Failure to comply with these warnings could result in serious personal injuries.
- **Remove the door to the washing compartment to avoid the danger of children or small animals getting trapped inside before your washer is removed from service or discarded.** Failure to do so can result injury or death.
- **Before the washer is removed from service or discarded, remove the washer door to prevent accidental entrapment.** Failure to comply with these warnings could result in serious personal injuries.

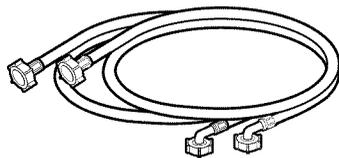


Power Plug
 • If the supply cord is damaged, it must be replaced by the manufacturer or an authorized service technician in order to avoid a hazard.

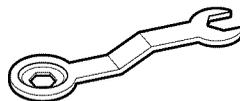
- Name: Front-loading Washing Machine
- Power supply: 120V~ 60Hz
- Size: 68.6 cm (W) X 75.6 cm (D) X 98.3 cm (H), 129.1 cm (D with door open)
 27"(W) X 29³/₄"(D) X 38¹¹/₁₆"(H), 50¹³/₁₆"(D with door open)
- Weight: 190 lbs. (86 kg)
- Wash capacity: 3.52 cu. ft. (IEC: 4.06 cu. ft.)¹⁾
- Spin speed: 1000 rpm max.
- Permissible water pressure: 14.5~116 psi (100~800 kPa)

Note
 Specifications subject to change by manufacturer.

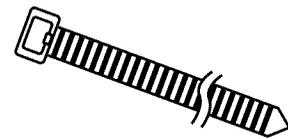
■ **Accessories**



Hot/Cold (1 each)
Hose



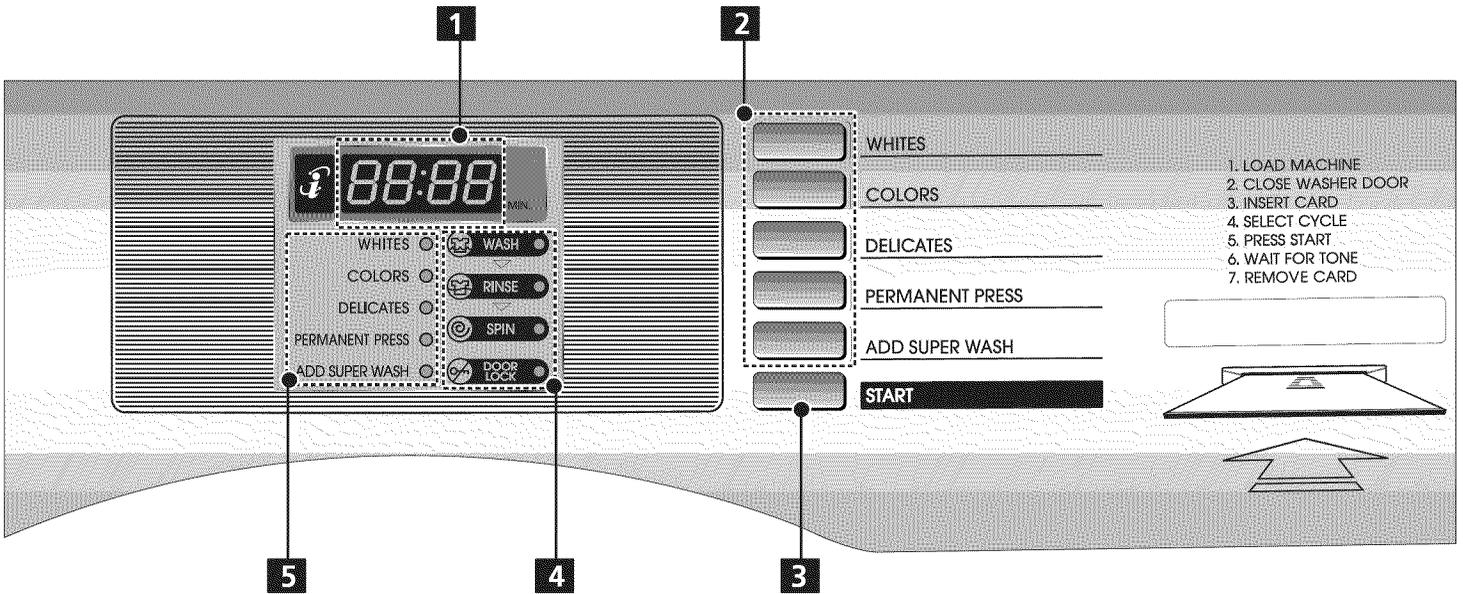
Wrench



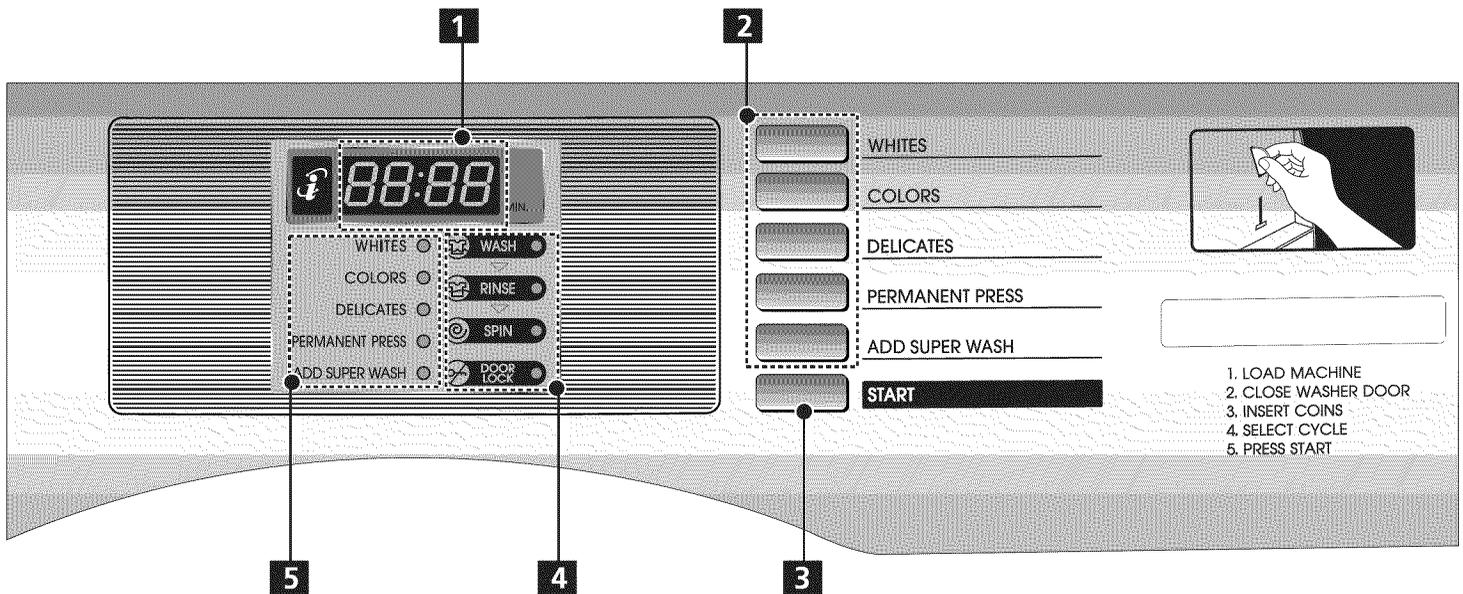
Tie strap
 to secure drain hose to standpipe,
 inlet hose, or laundry tub

1) Per IEC 60456, washes the equivalent of a 3.83 cu. ft. agitator washer.

■ **CARD TYPE (CW2079CWD)**

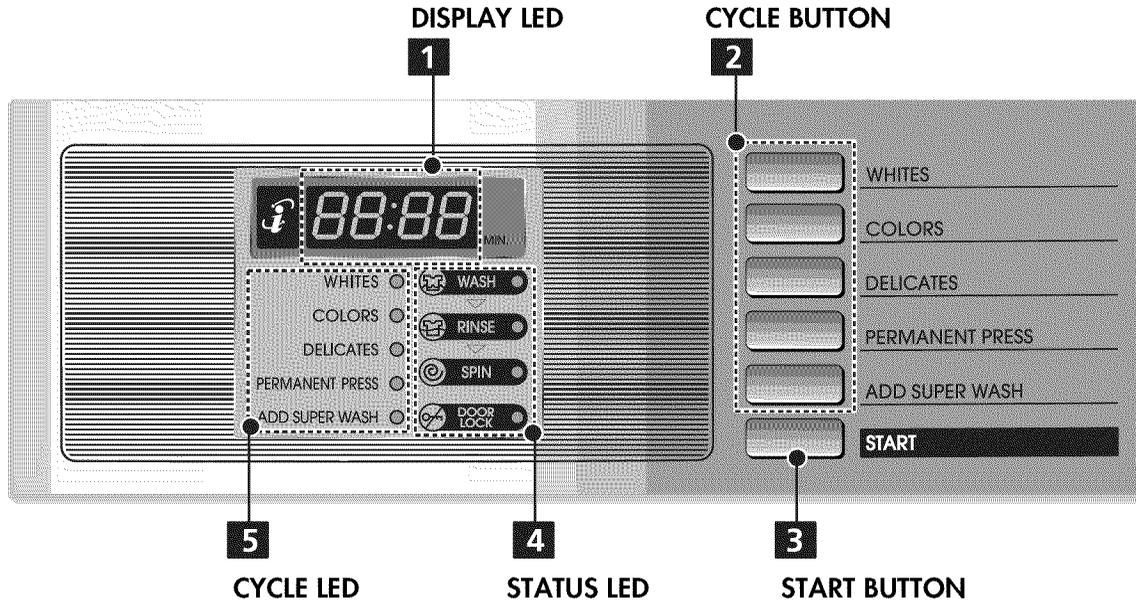


■ **COIN TYPE (CW2079CWN)**



- 1. DISPLAY LED
- 2. CYCLE BUTTON
- 3. START BUTTON

- 4. STATUS LED
- 5. CYCLE LED



1 DISPLAY LED

The display shows the vend price and remaining time and programming options. In addition to this, if the appliance has a problem, it displays error messages.



2 CYCLE BUTTON

By pressing the cycle button, select the desired cycle based on laundry types and conditions.

WHITES

Use for hot washing for heavy fabrics, such as white clothes, table linens, and heavily soiled clothes.

COLORS

Use for warm washing for heavy fabrics, such as jeans, corduroys, or work clothes.

DELICATES

Use for cold washing for synthetic fabrics, such as washable knit fabric and no-iron finishes.

PERMANENT PRESS

Use for warm washing for sturdy fabrics, such as work casual work.

3 START BUTTON

The START LED flashes when the full vend price has been satisfied then the cycle has been chosen.

4 STATUS LED

- **WASH** LED flashes whenever the washing cycle is in operation.
- **RINSE** LED flashes whenever the Rinsing cycle is in operation.
- **SPIN** LED flashes whenever the Spining cycle is in operation.
- **DOOR LOCK** LED flashes whenever the door lock is in operation.

5 CYCLE LED

WHITES, COLORS, DELICATES, PERMANENT PRESS, and ADD SUPER WASH LED is lit for the cycle is in operation.

1 Ready mode

The cycle LEDs flash at the same time, when the price of cycles are equal.

2 Insert card/coin

Insert a cash card that has a sufficient balance. The card balance should be more than the programmed vend price for a selected cycle.

Note

When the card balance is not enough, machine displays the card balance for 5 seconds and then displays **ERR** message repetitively

- Insert a sufficient amount of change that is more than the programmed vend price for the selected cycle.

Note

The machine will not start until sufficient coins are inserted.

3 Select the cycle

Press the desired button and press the start button. The display LED will show the remaining time and the selected cycle starts.

- **Select cycles designed for different types of fabric and soil levels.**

CYCLE	Fabric type	Wash/Rinse Temp.	Spin Speed
WHITES	Cotton, linen, towels, shirts, sheets	Hot/Cold	High
COLORS	Mixed loads, work clothes, jeans, shirts	Warm/ Cold	High
DELICATES	Dress shirts, blouses, nylons, sheer or lacey garments	Cold/ Cold	Low
PERM PRESS	Dress shirts, pants, wrinkle-free clothing, cotton/poly blend clothing, tablecloths	Warm/ Cold	Medium

4 Add super wash

Wash time or rinse cycle can be added when additional coin is inserted or a valid cash card is entered. (See page 21 for detailed information)

5 Change course

You cannot change the course while the machine is running.

6 Cycle finish

The machine stops and LED display shows “End” with beeper sound.

- * Do not work any button and stop the washer (When the washer is operating) or (when a cycle is in progress)

*** Programming mode**

: You can check machine information or change setting on “Program setup”, “Collect Information Data”, ”Diagnostic Test”. There are two methods that you can enter programming mode.

*** Case1. Check the programming mode by button**

How to enter "Programming mode"

You can enter programming mode only for Idle state and pause state.

- Card Type

- 1) Insert service card.
- 2) Display will show “LqC1”

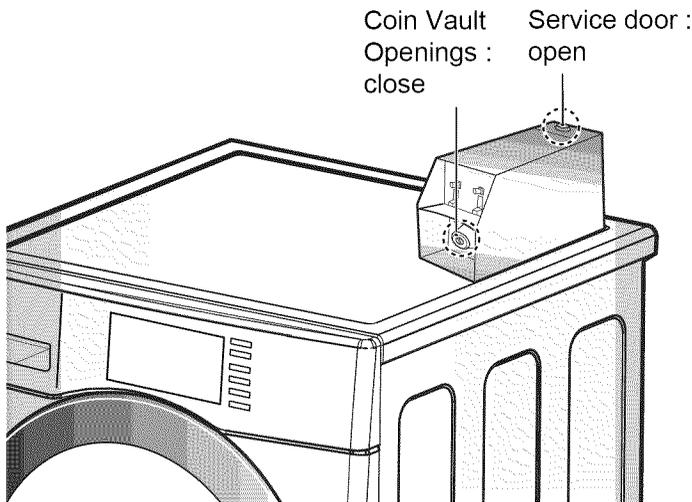
- Coin Type

- 1) To enter the authorized programming mode, you have to open a SVC door within 30 minutes after PDA communication with machine.
- 2) Open the Service door.
- 3) Display will show “LqC1”

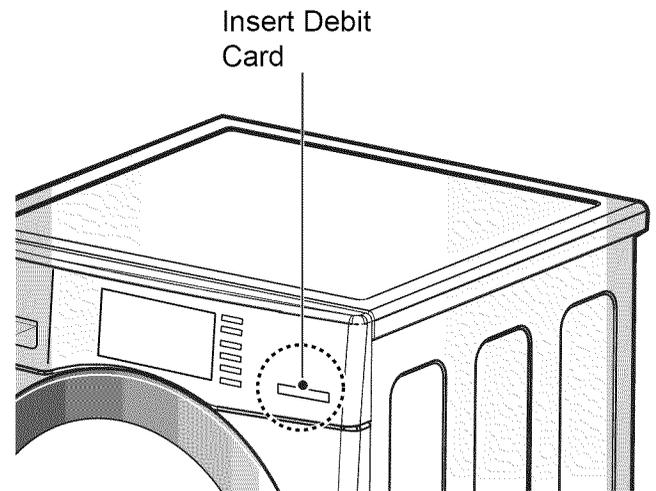
How to use button

You can change Washer vend price, cycle time and Cycle parameters, etc.

Press Button	Description
WHITES	Move to upper level or Comes back to Idle State
COLORS	Move to the mode in the same level (+)
DELICATES	Move to the modes in the same level (-)
START	Enter the selected mode



- COIN TYPE -



- CARD TYPE -

Note

- If you turn on the power without connecting meter case for the first time, the machine display “LqC1”.
- When the machine is came out from the factory, it is set in the coin type. You can change Card/Coin type by button. (For more information refer to SETUP mode’s Featur1.)

- Algorithm flow chart shows how to control programming mode.
- Before program set, check the structure of programming mode.
 1. Open the service door or Insert service card, for entering set up mode.
 2. Press WHITES button to move to the upper level.
 3. Press COLORS(+) or DELICATES(-) button if you want to be at the same level.
 4. Press START button to enter the details of Set up, Diagnostic Tests.

SETUP is to set price value, time value, and vend type etc.

TEST consists of line test, reset, free cycle, and kill cycle.

CLCT is to collect the usage data.

■ STRUCTURE OF PROGRAMMING MODE

SETUP		TEST	CLCT		
rgpr	SPbt	L9C1	rgpr	ItUC	Itnr
rgcp	SPEt	L9C2	rgcp	ItFC	Ittb
rg-rP	rPdc	LIFE	rg-rP	ACrC	ItPd
rgHP	SPdc	EEPt	rgHP	ACCC	Itdd
SPPr	CCCC	t13E	DELc	ACAC	ItAd
SPCP	nrPC	COUr	It-rC	ACHC	ItUC
SP-rP	rrt	KILL	ItCC	ACSC	ItAC
SPHP	tSSd		ItAC	ACtF	tLdo
SCPR	C01		ItHC	ACUC	tLCo
SPct	C02		ItSC	ACFC	tPdo
FEAR1	P1Pd		IttF	ACrt	tPCo
SPPd	t0Pt				SCPr
	UULE				t0Pr

Note

- Do not use **L9C2**, **LIFE**.
- It is only used in inspecting the machine.

Setup Mode :  (display)

■ You can change washer vend price, cycle time, and cycle parameters, etc.

■ **Entering set up mode**

Coin type - Open the service door.

Card type - Insert the service card.

Then, the washer displays .

1 How to change regular price.

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until  appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the START button. Display previous regular price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set the regular price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the regular price, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

2 How to change regular cold price.

	Button	Display
<p>Entering set up mode. You will see LqC1</p>	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until 79CP appears in the display.</p>	
	<p>Press the START button. Display previous regular cold price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set the regular cold price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the regular cold price, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

3 How to change regular warm price

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the “DELICATES” button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until 79P7 appears in the display.</p>	
	<p>Press the START button. Display previous regular warm price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set the regular warm price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the regular warm price, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

4 How to change regular hot price

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until 79HP appears in the display.</p>	
	<p>Press the START button. Display previous regular hot price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set the regular hot price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the regular hot price, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

5 How to change special price

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until SPP appears in the display.</p>	
	<p>Press the START button. Display previous special price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set a special price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the special price, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

6 How to change special cold price

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	Press the WHITES button.	
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until SPCP appears in the display.	
	Press the START button. Display previous special cold price.	
	Press COLORS(+) or DELICATES(-) button to set the special cold price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)	
	Press the START button. The machine sets up the special cold price, then advances to the next process automatically.	
	<ol style="list-style-type: none"> 1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

7 How to change special warm price

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until SP7P appears in the display.</p>	
	<p>Press the START button. Display previous special warm price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set the special warm price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the special warm price, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

8 How to change special hot price

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until SPHP appears in the display.</p>	
	<p>Press the START button. Display previous special hot price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set the special hot price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the special hot price, then advances to the next process automatically.</p>	
	<ol style="list-style-type: none"> 1. Continue to set up the next price. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

9 How to change add super wash price

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until SCPA appears in the display.</p>	
	<p>Press the START button. Display previous add super wash price.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to set add super wash price. (The vend price can be set from 0 to 9.95 in 5¢ increments.)</p>	
	<p>Press the START button. The machine sets up the add super wash price, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

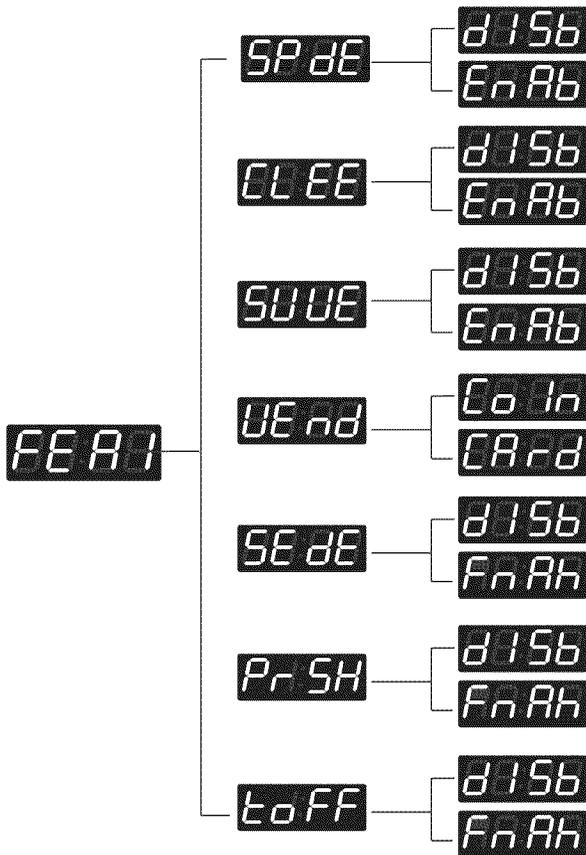
10 How to change add super wash type

	Button	Display
<p>Entering set up mode. You will see LqC1</p>	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until SPACE appears in the display.</p>	
	<p>Press the START button. Display previous add super wash type.</p>	
	<p>Press the COLORS or the DELICATES button and then select the add super wash type you want.</p> <p> Wash time increase.</p> <p> Both (Wash time increase and rinsing once more.)</p> <p> Rinsing once more.</p>	  
	<p>Press the START button. The machine sets up the add super wash type, then advances to the next process automatically.</p>	
	<ol style="list-style-type: none"> 1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

11 How to enter the **FEAR1**

	Button	Display
Entering set up mode. You will see LqC1 	Press the WHITES button.	
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until FEAR1 appears in the display.	

■ Structure of **FEAR1**



■ Content of **FEAR1**

- SPDE** • Special price days apply or not
- CLEE** • Clear escrow enable or not (coin type only)
- SUUE** • Add super wash apply or not
- UEND** • Select vend type
- SEDE** • Sense dry apply or not (only for dryer)
- PRSH** Pre-wash apply or not
- toFF** Top off apply or not (only for dryer)

11-1 Special price day setup

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until FEA1 appears in the display.</p>	
	<p>Press the START button. Display SPdE.</p>	
	<p>Press the START button. Press COLORS or DELICATES button and then select d15b or EnAb.</p> <p> Disable</p> <p> Enable</p>	<p>One or the other will display.</p>  
	<p>Press the START button. The machine sets up the special price day ,then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

11-2 Clear escrow setup - Applied only to coin type

If the total of the coins inserted is greater than the setup price, there are two choices.

1. If CLEE Enab **EnAb** is selected, clear the cycle and display the balance.
2. If CLEE Disb **d15b** is selected, clear the cycle and do not display the balance.

Button	Display
<p>Entering set up mode. You will see LqC1</p> 	
Press the WHITES button.	
Press the COLORS or the DELICATES button until SEUP appears in the display.	
Press the START button.	
Press the COLORS or the DELICATES button until FEA1 appears in the display.	
Press the START button. Display SPdE .	
Press the COLORS or the DELICATES button until CLEE appears in the display.	
<p>Press the START button. Press COLORS or DELICATES button and then select d15b or EnAb .</p> <p> Disable</p> <p> Enable</p>	<p>One or the other will display.</p>  
Press the START button. The machine sets up the clear escrow application ,then advances to the next process automatically.	
<ol style="list-style-type: none"> 1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

11-3 Add super wash setup

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until FEA1 appears in the display.</p>	
	<p>Press the START button. Display SPDE.</p>	
	<p>Press the COLORS or the DELICATES button until SUUE appears in the display.</p>	
	<p>Press the START button. Press COLORS or DELICATES button and then select d15b or EnAb.</p> <p> Disable</p> <p> Enable</p>	<p>One or the other will display.</p>  
	<p>Press the START button. The machine sets up the add super wash application ,then advances to the next process automatically.</p>	
	<ol style="list-style-type: none"> 1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

11-4 Vend type setup - card type or coin type setup

	Button	Display
Entering set up mode. You will see LqC1 	Press the WHITES button.	
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until FEA1 appears in the display.	
	Press the START button. Display SPdE .	
	Press the COLORS or the DELICATES button until VEnd appears in the display.	
Press the START button. Press COLORS or DELICATES button and then select CoIn or CArd .  Coin type  Card type	One or the other will display.	 
	Press the START button. The machine sets up the vend type ,then advances to the next process automatically.	
	1.Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

Note

After setting the Value to VEND, vend type is changed directly without power on/off
 SEdE(Sense dry) is not available in washer

11-5 Pre-wash set up

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until FEA1 appears in the display.</p>	
	<p>Press the START button. Display PrSH.</p>	
	<p>Press the START button. Press COLORS or DELICATES button and then select d15b or EnAb.</p> <p> Disable</p> <p> Enable</p>	<p>One or the other will display.</p>  
	<p>Press the START button. The machine sets up the special price day.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode.</p> <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

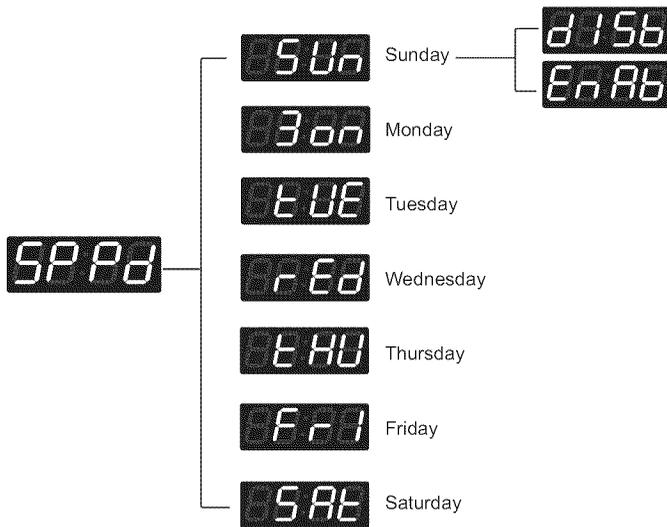
Note

toFF (top off) is not available in washer (Only for dryer)

12 How to enter the special price day

	Button	Display
Entering set up mode. You will see LqC1 	Press the WHITES button	
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until SPPd appears in the display.	
	Press the START button. Display SUn .	

■ Structure of **SPPd**



12-1 How to change to Sunday

	Button	Display
Entering set up mode. You will see LqC1	Press the WHITES button.	 
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until SPPd appears in the display.	
	Press the START button. Display SUn .	
	Press the START button. Press COLORS or DELICATES button and then select d15b or EnAb .  Disable  Enable	One or the other will display.  
	Press the START button. The machine sets up the special price day (Sunday) ,then advances to the next process automatically.	
	1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

Note

As explained on the previous page, similarly, other days can be set up by the same method.

13 Special price beginning time setup

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	Press the WHITES button.	
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until SP6E appears in the display.	
	Press the START button. Display previous special price beginning time.	
	Press COLORS(+) or DELICATES(-) button to select time between 0 and 23 .	
	Press the START button. The machine sets up the special price beginning time, then advances to the next process automatically.	
	<ol style="list-style-type: none"> 1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

14 Special price ending time setup

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	Press the WHITES button.	
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until SPEE appears in the display.	
	Press the START button. Display previous Special Price ending time.	
	Press COLORS(+) or DELICATES(-) button to select time between 0 and 23 .	
	Press the START button. The machine sets up the special price ending time, then advances to the next process automatically.	
	<ol style="list-style-type: none"> Continue to set up the next mode. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> Coin type - Close the service door. Card type - Pull the service card. 	

Note

rPdC (regular priced dryer cycle time) is not available in washer.
SPdC (special priced dryer cycle time) is not available in washer.

Note

When setting up a special price period, the ending time must be later than the beginning time.

15 Washing time set up

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until 0000 appears in the display.</p>	
	<p>Press the START button. Display previous wash time.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select wash time. (Maximum 15 minutes, Minimum 5 minutes.)</p>	
	<p>Press the START button. The machine sets up the wash time, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

16 Rinsing times per cycle

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until RRPC appears in the display.</p>	
	<p>Press the START button. Display previous rinsing times per cycle.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select rinsing times per cycle. (Max 5, Min 1)</p>	
	<p>Press the START button. The machine sets up the rinsing times per cycle, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

7 Rinsing time setup

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until 007E appears in the display.</p>	
	<p>Press the START button. Display previous rinsing time.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select rinse cycle.(Max 15min, Min 8min)</p>	
	<p>Press the START button. The machine sets up the rinsing time, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

18 Top spin speed – final spin time depends on RPM

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until ESSE appears in the display.</p>	
	<p>Press the START button. Display previous top spin speed.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select top spin speed. (0~4)</p>	
	<p>Press the START button. The machine sets up the top spin speed, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

Note

Top spin speed

- 0: 1000rpm
- 1: 900 rpm
- 2: 800 rpm
- 3: 600 rpm
- 4: 400 rpm

If you select 800 or below, the final spin time will be reduced by 9minutes
If you select 1000 ,900 rpm , the final spin time is fixed by 13 minutes

19 Value of coin 2

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	Press the WHITES button	
	Press the COLORS or the DELICATES button until  appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until  appears in the display.	
	Press the START button. Display previous Coin 2 value.	
	Press COLORS(+) or DELICATES(-) button to select value of coin 2. (The value can be set from 0 to 9.95 in 5¢ increments.)	
	Press the START button. The machine sets up the value of Coin 2, then advances to the next process automatically.	
	<ol style="list-style-type: none"> 1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

Note

Coin 2 is available for E-suds system

20 Penny increment pricing offset

This represents the cent increment price offset used when debit card is setup.

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the WHITES button.</p>	
	<p>Press the COLORS or the DELICATES button until SEUP appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS or the DELICATES button until PIPo appears in the display.</p>	
	<p>Press the START button. Display previous penny increment pricing offset.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select value of PIPo. (0~4)</p>	
	<p>Press the START button. The machine sets up the value of PIPo, then advances to the next process automatically.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

Note

- Penny Increment Pricing Offset is available only in card type. (It hasn't affected on the coin type's price setting.)

L0PF (top off time) is not available in washer.

21 How to change the water level

You can change the water level by selecting two options.

1.LO indicate water level 23.7 [KHz]

2.HI indicate water level 23.5 [KHz]

	Button	Display
Entering set up mode. You will see LqC1 	Press the WHITES button.	
	Press the COLORS or the DELICATES button until SEUP appears in the display.	
	Press the START button.	
	Press the COLORS or the DELICATES button until WULE appears in the display.	
	Press the START button. Press COLORS or DELICATES button and then select LO or HI LO 23.8 [KHz] HI 23.5 [KHz]	One or the other will display.  
	Press COLORS(+) or DELICATES(-) button to select value of PIPo. (0~4)	
	Press the START button. The machine sets up the value of PIPo, then advances to the next process automatically.	
	1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

Note

- This function is only controlled in machine.
(It is not applied in setup card.)

Diagnostic tests:  (display)

This program has been added for testing the washer and detecting errors.

Entering the test mode

Data Name	Button	Display	Description
Entering the test mode	1. Entering programming mode		Insert service card (card type), open the service door (coin type).
	2. WHITES		Press the WHITES button. Then  appears in the display.
	3. START		Enter the diagnostic test mode.

1 

According to pressing START button, test move to the next step.

Number of times the START button is pressed	Check Point	Display
None		
1time	Turns on all lamps and locks the door	Displayed EU XX and US XX alternately (Version)
2 times	Tumble Clockwise.	rpm (40~50)
3 times	Low Speed Spin	rpm (600)
4 times	High Speed Spin	rpm (1000)
5 times	Inlet valve for main water turns on.	Water level frequency (261~)
6 times	Inlet valve for hot wash turns on.	Water level frequency (261~)
7 times	Inlet valve for softener turns on.	Water level frequency (261~)
8 times	Inlet valve for bleach turns on.	Water level frequency (261~)
9 times	Tumble counter clockwise.	rpm (40~50)
10 times	Drain Pump turns on	Water level frequency (261~)
11 times	Turns on all lamps.	Displayed EU XX and US XX alternately
12 times	Button Checks.	Displayed EU XX and US XX alternately
13 times	High Speed Spin	rpm(1000)
14 times	 PDA Signal Check	 this function is not applied in this machine
15 times		

Note

Make sure the drum is empty when a diagnostic test is performed. Do not use .

2 Factory reset - EEPT

After factory reset, machine information is changed to the default value.

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the COLORS or the DELICATES Button until EEPT appears in the display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS button until 0023 appears in the display.</p>	
	<p>Press the START button, then factory reset is done. L9C1 is displayed.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode. • Coin type - Close the service door. • Card type - Pull the service card.</p>	

Note

- Washing time **10 minutes**
- Rinse cycle **twice**
- Top spin speed **1,000 RPM**
- Add SUPER WASH **3 minutes extra wash and one extra rinse**

3 Time set up

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the COLORS or the DELICATES button until  appears in the display.</p>	
	<p>Press the START button. The display will cycle through 2000 --> 0101 --> Sat --> 0000 repeatedly.</p>	
	<p>Press the START button.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select year between 2000 and 2099.</p>	
	<p>Press the START button. The machine sets up the year, then advances to the next process automatically.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select a month between 01 and 12.</p>	
	<p>Press the START button. The machine sets up the month, then advances to the next process automatically.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select the day between 01 and 31.</p>	
	<p>Press the START button. The machine sets up the day, then advances to the next process automatically.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select the hour between 00 and 23.</p>	
	<p>Press the START button. The machine sets up the hour, then advances to the next process automatically.</p>	
	<p>Press COLORS(+) or DELICATES(-) button to select minute between 00 and 59.</p>	
	<p>Press the START button. The machine sets up the minute.</p>	
	<p>1. Continue to set up the next mode. 2. Stop the change of setup value and go back to ready mode.</p> <ul style="list-style-type: none"> • Coin type - Close the service door. • Card type - Pull the service card. 	

4 Courtesy cycle

A courtesy cycle is like a complimentary cycle given to the customer when the washer goes out of order after the customer has made the payment to wash clothes.

	Button	Display
<p>Entering set up mode. You will see LqC1</p> 	<p>Press the COLORS or the DELICATES Button until  appears in the Display.</p>	
	<p>Press the START button.</p>	
	<p>Press the COLORS button until  appears in the display.</p>	
	<p>Press the START button. Display will show  .</p>	
	<p>Select the cycle you desire. * Default WHITES course selected.</p>	
	<p>Press the START button. Display will show the remaining time and start.</p>	

5 Cycle Kill

■ Coin type

Button	Display
Opening the seervice door. You will see	
Press the COLORS or the DELICATES button until hILL appears in the display.	
Press the START button.	
Press the COLORS button until 8817 appears in the display.	
Press the START button. Start drain and display spin time.	Display spin time
End drain and display done .	
Display End with beeping.	
Go back to ready mode.	

■ Card type

Description	Display
Insert Service card. Display spin time.	Spin Time
Begin to drain.	Spin Time
Display done with beeping.	
Remove service card.	
Go back to ready mode.	

1 Collect information data : CLCt(display)

The washer collects the usage data so that the owner can check various information like number of various cycles used, how many times card or coins used, etc.

Entering the collect mode

Data Name	Button	Display	Description
Entering the collect mode	1.Entering the programming mode.	L9C1	Insert service card(card type), open the service door(coin type).
	2.Whites	EESE	Press the whites button until "tEst" appears in the display.
	3.Colors(+), Delicates(-)	CLCE	Press the Colors(+),Delicates(-) button until "CLCt" appears in the display.
	4.Start	r9Pr	Enter the Collect information data.
	5.Colors(+), Delicates(-)	xxxx	Move to each data list that you want to check by pressing with Colors (+) or Delicates (-) button.
	6.Start	xxxx	Display the value of selected data list
	7. Whites	CLCt	Move to upper level or Comes back to Idle State

❖ Check the collect information reference to the follow lists. The Lists are displayed by abbreviations.

■ Collect Mode Data lists

No.	Abbreviation	Meaning	Description
1	rgPr	Regular Price	0~199 nickels (\$0.00~\$9.95)
2	rgCP	Regular Cold Price	0~199 nickels (\$0.00~\$9.95)
3	rgrP	Regular Warm Price	0~199 nickels (\$0.00~\$9.95)
4	rgHP	Regular Hot Price	0~199 nickels (\$0.00~\$9.95)
5	dELC	Dryer Moisture Sense	0: disable 1: enable
6	ltrC	Interval Regular Cycles	Number of Regular cycles (0~65535)
7	ltCC	Interval Regular Cold Cycles (Delicates)	Number of Regular Cold cycles (0~65535)
8	ltAC	Interval Regular Warm Cycles (Colors, Perm Press)	Number of Regular Warm cycles (0~65535)
9	ltHC	Interval Regular Hot Cycles (Whites)	Number of Regular Hot cycles (0~65535)
10	ltSC	Interval Super Cycles	Number of Super cycles (0~65535) (Washer Only)
11	lttF	Interval Topoff Cycles	Number of Topoff cycles (0~65535) (Dryer Only)
12	ltUC	Interval Service Cycles	Number of Service cycles (0~65535)
13	ltFC	Interval Token Cycles	Number of Token cycles (0~65535)
14	ACrC	Accumulated Regular Cycles	Number of Regular cycles (0~65535)
15	ACCC	Accumulated Regular Cold Cycles (Delicates)	Number of Regular Cold cycles (0~65535)
16	ACAC	Accumulated Regular Warm Cycles (Colors, Perm Press)	Number of Regular Warm cycles (0~65535)
17	ACHC	Accumulated Regular Hot Cycles (Whites)	Number of Regular Hot cycles (0~65535)
18	ACSC	Accumulated Super Cycles	Number of Super cycles (0~65535) (Washer Only)
19	ACtF	Accumulated Topoff Cycles	Number of Topoff cycles (0~65535) (Dryer Only)
20	ACUC	Accumulated Service Cycles	Number of Service cycles (0~65535)
21	ACFC	Accumulated Token Cycles	Number of Token cycles (0~65535)
22	ACrt	Accumulated Run Time	Number of Running minutes (0~65535)
23	ltnr	Interval No Runs	Money inserted, but no run
24	lttb	Interval Trouble Cycles	No money, but ran
25	ltPd	Interval Power Downs	Number of power down
26	ltdd	Interval Unauthorized Service Door Openings	Number of Unauthorized Service Door Openings (0~ 255)
27	ltAd	Interval Authorized Service Door Openings	Number of Authorized Service Door Openings (0~255)
28	ltUC	Interval Unauthorized Coin Vault Openings	Number of Authorized Service Door Openings (0~255)
29	ltAC	Interval Authorized Coin Vault Openings	Number of Authorized Coin Vault Openings (0~255)
30	tLdo	Time of Last Service Door Opening	tLdo is not available in washer.(It can't enter.)
31	tLCo	Time of Last Coin Vault Opening	tLCo is not available in washer.(It can't enter.)
32	tPdo	Time of Previous Service Door Opening	tPdo is not available in washer.(It can't enter.)
33	tPCo	Time of Previous Coin Vault Opening	tPCo is not available in washer.(It can't enter.)
34	SCPr	Super Cycle Price	0~199 nickels (\$0.00~\$9.95)
35	toPr	Top Off Price	0~199 nichels (\$0.00~\$9.95)

- * Interval Cycles('Interval' means 'Since last data collecting')
- * Accumulated Cycles('Accumulated'means 'Total cycles in washer/dryer's life time not include service cycles or trouble cycles')
- * Authorized: Service Door Openings with PDA Communication (Open Service door Within 20 seconds After communicating with PDA)
- * Unauthorized: Service Door Openings without PDA Communication
- * These items (No.30~33) are not applied this program

■ Meaning of Error Codes that LED displays during occurrence of problem.

Problem	Possible Cause	Solution
IE	<ul style="list-style-type: none"> Water supply is not adequate in area. Water supply taps are not completely open. Water inlet hose is bent. The filter of the inlet hose clogged. 	<p>Check another tap in the house.</p> <p>Fully open tap.</p> <p>Straighten hose.</p> <p>Check the filter of the inlet hose.</p>
OE	<ul style="list-style-type: none"> Drain hose is bent or clogged. The drain filter is clogged. 	<p>Clean and straighten the drain hose.</p> <p>Clean the drain filter.</p>
UE	<ul style="list-style-type: none"> Load is too small. Load is out of balance. The appliance has an imbalance detection and correction system. If individual heavy articles are loaded (bath mat, bath robe, etc.) and the imbalance is too great, after several attempts to restart the spin cycle the machine will stop and the error code will be displayed. 	<p>Add 1 or 2 similar items to help balance the load.</p> <p>Rearrange load to allow proper spinning.</p>
dE	<ul style="list-style-type: none"> Is the door opened or not completely closed? 	<p>Close the door completely.</p> <p>* If it will not open, call for service.</p>
FE	<ul style="list-style-type: none"> The water overfills due to a faulty water valve. 	<p>Close the water tap.</p> <p>Unplug the power plug.</p> <p>Call for service.</p>
PE	<ul style="list-style-type: none"> The water level sensor malfunction. 	<p>Call for service.</p>
LE	<ul style="list-style-type: none"> Overload in motor. 	<p>Restart the cycle after 30 minutes. If LE is not released, call for service.</p>
CAE	<ul style="list-style-type: none"> Disconnection of card reader wire. 	<p>Check the card reader wire.</p>

Part 7

POWER FAIL RECOVERY

In case of power failure, the machine stops running but the time display remains on, showing the time just before power failure.

Part 8

DEFAULT WASHER SETTINGS

Default Settings	Default
Wash Time (Minutes)	10 Minutes
Rinse Time (Minutes)	16 Minutes
Spin Time (Minutes)	13 Minutes
Rinsing times	Twice
Coin #1 Value	25¢
Coin #2 Value (E-suds)	25¢
Vend Price	\$1.00
Add super wash price	25¢
Top Spin speed	1000 rpm

**LG ELECTRONICS, INC.
LG COMMERCIAL WASHING MACHINE LIMITED WARRANTY - USA**

Should any part in your LG Commercial Washing Machine fails due to a defect in material or workmanship under normal use, during the warranty period set forth below, LG will provide a replacement part. This limited warranty is valid only to original retail purchase of the product and applies only when used within the United States, excluding U.S. Territories. Proof of original retail purchase date is required to obtain a replacement part under this limited warranty.

WARRANTY PERIOD (Please see OPL* below): PARTS ONLY, not Labor and transportation included.		
Note: If the original date of retail purchase can not be verified, the warranty will begin 60 days from the date of manufacture.		
TWO (2) YEARS from the date of original retail purchase	THREE (3) YEARS from the date of original retail purchase	FIVE (5) YEARS from the date of original retail purchase
All parts.	Electronic controls: Main control board and user interface board. In addition, the following cabinet parts are warranted against rust through: top plate, cabinet, base and door.	Direct Drive motor, bearing, seal, shaft, inner drum and outer tub

* OPL (On Premise Laundry), defined as non-vended commercial products used in locations such as hotels, hospitals, health clubs, businesses, etc. will have one (1) full year parts only warranty. Labor and transportation are NOT included.

- ⊗ Replacement products and parts are warranted for the remaining portion of the original warranty period.
- ⊗ Replacement products and parts may be new or remanufactured.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

THIS LIMITED WARRANTY DOES NOT APPLY TO:

1. Service trips to deliver, pick up, install of the product, instruct or replace house fuses, connect house wiring or plumbing, or correction of unauthorized repairs, or to service the product if your product is located in a remote area (Standard Remote zones) where service by an authorized LG service provider is not available.
2. Failure of product to perform during power failures and interruptions or inadequate electrical service.
3. Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
4. Damage resulting from running the product in a corrosive atmosphere or contrary to the instructions outlined in the product owner's manual.
5. Damage to the product caused by accidents, pest and vermin, lightning, wind, fire, floods, or acts of God.
6. Damage resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair include use of parts not approved or specified by LG.
7. Damage or failure caused by unauthorized modification or alteration, or if it is used for other than intended purpose.
8. Damage or failure caused by incorrect electrical current, voltage or plumbing codes, or use of accessories, components or consumable cleaning products that are not approved by LG.
9. Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery.
10. Damage to any display, open box, discounted, or refurbished product.
11. Products with original serial numbers that have been removed, altered or can not be readily determined.
12. Increases in utility costs and additional utility expenses.
13. The removal and reinstallation of the Product if it is installed in an inaccessible location or is not installed in accordance with published installation instructions.
14. Repair or replacement of light bulbs, filters or any consumable parts. The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

TO OBTAIN REPLACEMENT PARTS UNDER THIS LIMITED WARRANTY,

Call: 1-800-243-0000 (24 hours a day, 365 days a year),

and select the appropriate option from the menu.

Or visit our website at <http://www.lgservice.com>.

Or by mail:

**LG Customer Interactive Center
P. O. Box 240007
201 James Record Road
Huntsville, Alabama 35813
ATTN: CIC**

Please be prepared to provide proof of purchase, model and serial number.

Product Registration Information

Model:

Serial Number:

Date of Purchase:

The model and serial number can be located on the rating plate on the back of the washer.



LG Electronics Inc.