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S2100 S3700 WBB2090 WBSR3140 WCSR2090 WCSR4170 WDSR2080 WHDSR209 WHDSR316 WJSR4160 WLSR2000 WLSR3000 WVSR1060

Owner's Manual

EWA4600 WBB4500 WCRE6270 WJRR4170 WLRR4500 WLRR5000 WSERR417 WWSE5240



Write the model and serial number here:

Model # _____

Serial # ____

You can find them on the left corner of the washer under the lid.

175D1807P563 49-90295 06-06 JR

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

▲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.



WATER HEATER SAFETY

Under certain conditions, hydrogen gas may be produced in a water heater that has not been used for two weeks or more. Hydrogen gas can be explosive under these circumstances.

If the hot water has not been used for two weeks or more, prevent the possibility of damage or injury by turning on all hot water faucets and allowing them to run for several minutes. Do this before using any electrical appliance which is connected to the hot water system. This simple procedure will allow any built-up hydrogen gas to escape. Since the gas is flammable, do not smoke or use an open flame or appliance during this process.



PROPER INSTALLATION

This washer must be properly installed and located in accordance with the Installation Instructions before it is used. If you did not receive an Installation Instructions sheet, you can receive one by visiting **ge.com** or by calling **800.GE.CARES** (800.432.2737).

- Install or store where it will not be exposed to temperatures below freezing or exposed to the weather, which could cause permanent damage and invalidate the warranty.
- Properly ground washer to conform with all governing codes and ordinances. Follow details in Installation Instructions.



YOUR LAUNDRY AREA

- Keep the area underneath and around your appliances free of combustible materials such as lint, paper, rags, chemicals, etc.
- Close supervision is necessary if this appliance is used by or near children. Do not allow children to play on, with or inside this or any other appliance.

Operating Instructions

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Use this

appliance

only for its

purpose as

described in

this Owner's

intended

Manual.

WHEN USING THE WASHER

- Never reach into washer while it is moving. Wait until the machine has completely stopped before opening the lid.
- Do not mix chlorine bleach with ammonia or acids such as vinegar and/or rust remover. Mixing different chemicals can produce a toxic gas which may cause death.
 - Do not wash or dry articles that have been cleaned in, washed in, soaked in or spotted with combustible or explosive substances (such as wax, oil, paint, gasoline, degreasers, dry-cleaning solvents, kerosene, etc.). These substances give off vapors that may ignite or explode. Do not add these substances to the wash water. Do not use or place these substances around your washer or dryer during operation.
- The laundry process can reduce the flame retardancy of fabrics. To avoid such a result, carefully follow the garment manufacturer's wash and care instructions.
- To minimize the possibility of electric shock, unplug this appliance from the power supply or disconnect the washer at the building's distribution panel by removing the fuse or switching off the circuit breaker before attempting any maintenance or cleaning. NOTE: Turning the Cycle Selector Knob to an off position, or pressing PAUSE does NOT disconnect the appliance from the power supply.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.

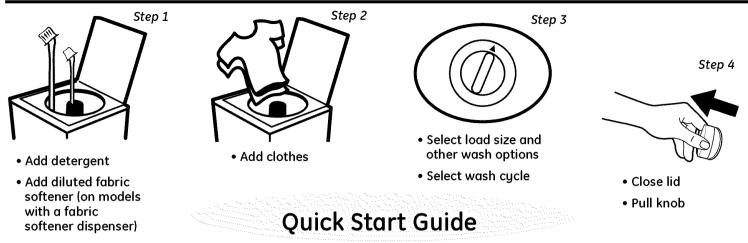
WHEN NOT IN USE

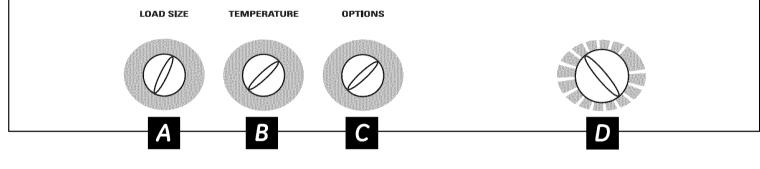
- Turn off water faucets to relieve pressure on hoses and valves and to minimize leakage if a break or rupture should occur. Check the condition of the fill hoses; GE recommends changing the hoses every 5 years.
- Before discarding a washer, or removing it from service, remove the washer lid to prevent children from hiding inside.
- Do not attempt to repair or replace any part of this appliance unless specifically recommended in this Owner's Manual, or in published user-repair instructions that you understand and have the skills to carry out.
- Do not tamper with controls.

READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY.

SAVE THESE INSTRUCTIONS

About the control panel-for models with "pull knob" start.





Controls



Load Size

Loosely load clothes no higher than the top row of holes in the washer basket. The water level should just cover the clothes. Adjust the load size accordingly.



Temperature (on some models)

Select the water temperature for the wash and rinse cycles. Always follow fabric manufacturer's care label or instructions when laundering.



Options (on some models)

2nd Rinse Option

When you use extra detergent or bleach to clean heavily soiled clothes, you may want to use the 2nd Rinse option. It provides a second deep cold rinse.

Safety Instructions

D Wash Cycle—Cycle Selector Knob

The chart below will help you match the wash cycle setting with your clothing. The chart is ranked from longest to shortest cycle time and wash intensity.

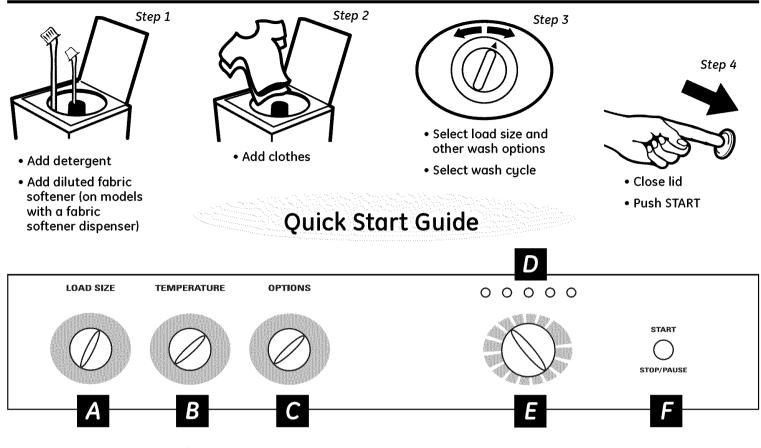
Your washer may not have all these cycles. (Cycles vary by model.)

PREWASH	For removing surface dirt from heavily soiled clothes. Make sure to follow with a regular wash cycle.		
CASUALS	For wrinkle-free and permanent press items, and knits.		
COTTONS or WHITES	For heavy to lightly soiled cottons, household linens, work and play clothes.		
EASY CARE	For wrinkle-free and permanent press items, and knits.		
DELICATES	For lingerie and special-care fabrics with light to normal soil.		
HAND WASH	For items labeled handwashable with light soils. Provides periods of agitation and soak during wash and rinse.		
SPEED WASH	For lightly soiled items that are needed in a hurry.		
SPIN	For draining the tub and spinning water out of the clothes.		
DARK COLORS	For non-colorfast cottons and blends and items that are labeled cold wash by the fabric manufacturer.		
COLORS	For wrinkle-free and permanent press items, knits and cottons.		
RINSE SPIN	For quickly rinsing chlorine, perspiration, stains, etc., out of clothes.		
	For very soiled clothes. Begins with agitation, soaks for a specified period of time, then moves through the rest of the cycle automatically.		
2nd RINSE	Provides an automatic, second deep rinse to thoroughly remove detergent or bleach from your clothes.		

Troubleshooting Tips

Operating Instructions

About the control panel—for models with START button.



Controls



Load Size

Loosely load clothes no higher than the top row of holes in the washer basket. The water level should just cover the clothes. Adjust the load size accordingly.

3 Temperature

Select the water temperature for the wash and rinse cycles. Always follow fabric manufacturer's care label or instructions when laundering.

PerfecTemp senses the incoming water temperature and adjusts the fill water to obtain a more precise temperature range for all wash temperatures. For example, in a COLD wash selection, some warm water may be added to reach a temperature needed to better dissolve detergents. Often, detergents are not completely dissolved in very cold water, especially in cooler climates.

During winter months, when the water entering your home is colder, or for locations with very cold water year round, use the *PerfecTemp* plus COLD to help dissolve powdered detergents and to improve the cleaning of your clothes.

The **TAP COLD** feature turns the **PerfecTemp** feature on your washer off, and uses your household tap water temperature for a COLD wash. This can provide energy savings by reducing the amount of hot water used in your wash.

Options

Autosoak Option (on some models)

This option begins with a brief agitation, soaks for a specified period of time, then moves through the rest of the cycle automatically. On some models, this option is located on the Cycle Selector knob.

2nd Rinse Option (on some models)

When you use extra detergent or bleach to clean heavily soiled clothes, you may want to use the 2nd Rinse option. It provides a second deep cold rinse.

Extended Spin Option (on some models)

Use this option to extract more water from your clothes. Clothes will be drier when this option is selected and will dry more quickly in your dryer.

Status Indicator Lights

The Cycle Indicator Lights show what stage the washer is in. When the Selector knob is set to a new cycle, the Indicator Lights will flash momentarily, showing what stages the cycle will go through. On models without an **AUTO SOAK** option, the SOAK light will not light up.



Wash Cycle—Cycle Selector Knob

The wash cycle controls the length and intensity of the washing process. The knob can be turned in either direction. Turning the Cycle Selector knob after starting a cycle will stop the washer and reset the cycle to the new selection. Press **START** to begin the new cycle selection.

The chart below will help you match the wash cycle setting with your clothing. The chart is ranked from longest to shortest cycle time and wash intensity. (Cycles vary by model.)

PREWASH	For removing surface dirt from heavily soiled clothes. Make sure to follow with a regular wash cycle.
CASUALS	For wrinkle-free and permanent press items, and knits.
COTTONS	For heavy to lightly soiled cottons, household linens, work and play clothes.
EASY CARE	For wrinkle-free and permanent press items, and knits.
DELICATES	For lingerie and special-care fabrics with light to normal soil.
HAND WASH	For items labeled handwashable with light soils. Provides periods of agitation and soak during wash and rinse.
SPEED WASH	For lightly soiled items that are needed in a hurry.
DRAIN & SPIN OR SPIN ONLY	For draining the tub and spinning water out of the clothes.
AUTO SOAK	For very soiled clothes. Begins with a brief agitation, soaks for a specified period of time, then moves through the rest of the cycle automatically.

START

Press **START** to begin the cycle. Pressing **START** again or raising the lid will **PAUSE** the cycle and the Cycle indicator light will blink.

To continue the cycle, press **START** again or close the lid. If machine is paused more than 24 hours, the cycle will be cancelled. To stop the cycle, hold the button for 3 seconds. If water remains in the machine, select the **DRAIN & SPIN OR SPIN ONLY** cycle to drain tub and spin water out of the washer tub.

Raising the lid will stop agitation or spin action, but does not pause the cycle.

Consumer Support

About washer features.





The Agitator Cap or Fabric Softener Dispenser (depending on model)

The agitator cap fits into the top of the agitator. If it accidentally comes off, simply put it back on.

The fabric softener dispenser automatically releases liquid fabric softener at the proper time during the cycle.

Do not stop the washer during the first spin. This will cause the dispenser to emptu too soon.

To use, follow these steps:

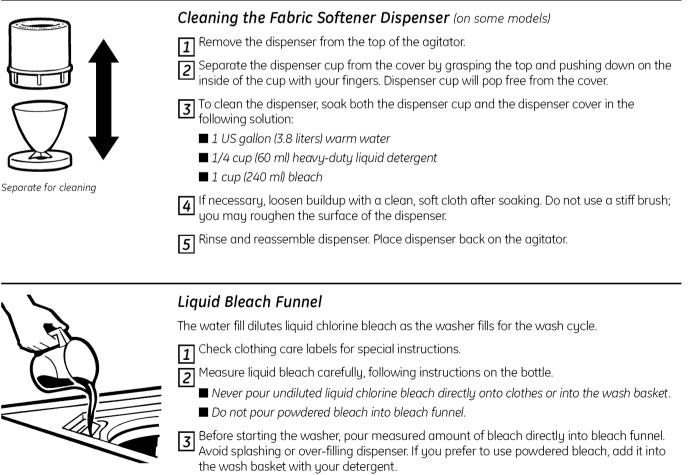
- Make sure dispenser is securely attached 1 to agitator.
- 2 Use only liquid fabric softener. Pour into dispenser, using amount recommended on package.

Never pour fabric softener directly on clothes. It may stain them.

Add water to dispenser until it reaches the maximum fill line.



Do not pour anything into the agitator if the agitator cap or dispenser is removed.



Do not mix chlorine bleach with ammonia or acids such as vinegar and/or rust remover. Mixing can produce a toxic gas which may cause death.

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Always follow fabric manufacturer's care label when laundering.



Sorting Wash Loads

Sort by color (whites, lights, colors), soil level, fabric type (sturdy cottons, easy care, delicates) and whether the fabric produces lint (terry cloth, chenille) or collects lint (velveteen, corduroy).



Proper Use of Detergent

Add detergent and start the washer before adding clothes so that the detergent can work effectively. Using too little or too much detergent is a common cause of laundry problems. You can use less detergent if you have soft water, a smaller load or a lightly soiled load.



Loading the Washer

Load dry items loosely, no higher than the top row of holes in the washer basket. When loading wet items, make sure you set the load/water level high enough to allow the items to move freely. Water level should just cover the clothes. To add items after washer has started, lift the lid and submerge additional items next to the agitator.

- Do not wrap long items like sheets or pants around the agitator.
- Do not wash fabrics containing flammable materials (waxes, cleaning fluids, etc.).
- Agitation will not start with the lid up.

Care and cleaning of the washer.



Wash Basket: Leave the lid open after washing to allow moisture to evaporate. If you want to clean the basket, use a clean soft cloth dampened with liquid detergent; then rinse. (Do not use harsh or gritty cleaners.)

Fill Hoses: GE recommends changing the hoses every 5 years.

Exterior: Immediately wipe off any spills. Wipe with damp cloth. Try not to hit surface with sharp objects.

Moving and Storage: Ask the service technician to remove water from drain pump and hoses. See the Installation Instructions packed with product for information on how to reinstall the shipping rod to keep the tub stationary when moving the washer. For more information, visit *ge.com* or call *800.GE.CARES* (800.432.2737). Do not store the washer where it will be exposed to the weather.

Long Vacations: Be sure water supply is shut off at faucets. Drain all water from hoses if weather will be below freezing.

Satety Instructions

Before you call for service...



Troubleshooting Tips

Save time and money! Review the charts on the following pages, or visit **ge.com.** You may not need to call for service.

WATER	Possible Causes	What To Do
Too many suds	Too much detergent	 Measure your detergent carefully. Use less soap if you have soft water, a smaller load or a lightly soiled load.
	Type of detergent	 Switch to a lower sudsing detergent brand and follow instructions on package.
	Soft water	• Try less detergent.
Water leaks	Using too much detergent in washer	 Use less detergent. Use less soap if you have soft water, a smaller load or a lightly soiled load.
	Fill hoses or drain hose is improperly connected	 Make sure hose connections are tight at faucets and rubber washers are installed. Make sure end of drain hose is correctly inserted in and secured to drain facility.
	Household drain may be clogged	 Check household plumbing. You may need to call a plumber.
	Constant water pressure to the fill hoses at the	 Tighten hoses at the faucets and turn the water off after each use.
	water source	 Check condition of the fill hoses; they should be replaced every 5 years.
Water temperature seems incorrect	Cooler water temperatures provide improved energy efficiency	 New laundry detergents have been formulated to work with cooler water temperatures without affecting wash performance.
	Water supply is turned off or improperly connected	 Turn both hot and cold faucets fully on and make sure hoses are connected to correct faucets.
	Water valve screens are stopped up	• Turn off the water source and remove the water connection hoses from the upper back of the washer. Use a brush or toothpick to clean the screens in the machine. Reconnect the hoses and turn the water back on.
	House water heater is not set properly	 Make sure house water heater is delivering water at 120°F-140°F (48°C-60°C).
Water pumped out before cycle is complete	Lid lifted or cycle was put in pause for over 24 hours	• Reset cycle.
Water won't drain	Drain hose is kinked or improperly connected	 Straighten drain hose and make sure washer is not sitting on it.
		 Top of drain outlet should be less than 8 ft (2.5 m) above floor.
Washer pauses during wash cycle	The PREWASH Cycle or AUTO SOAK Option was chosen	 This is normal. The washer alternates between agitate and soak during these cycles to get your clothes cleaner with less wear.
Washer pauses during spin cycle	This is normal	 The washer may pause during the spin cycle to remove soapy water more efficiently.

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OPERATION	Possible Causes	What To Do
Washer won't operate	Washer is unplugged	• Make sure cord is plugged securely into a working outlet.
·	Water supply is turned off	• Turn both hot and cold faucets fully on.
	Controls are not set properly	Check controls.
	Lid is open—safety feature prevents agitation and spinning when lid is up	• Close lid and reset cycle, to the beginning if necessary.
	Circuit breaker/fuse is tripped/blown	 Check house circuit breakers/fuses. Replace fuses or reset breaker. Washer should have separate outlet.
	Electronics need to be reset	• Unplug washer, wait 2 minutes, plug back in and press START .
	START was not pressed	Press START.
	Lid magnet missing	Call for service.
Time not shown on display	Unit filling	 This is normal. Estimated time remaining is updated during fill time.
Movement inside machine when shut off	Shifting mechanism is disengaging the motor	 When the machine is manually turned off, the shifter will disengage the motor before completely shutting down. If lid is raised before the motor is disengaged, it will resume when lid is closed.
PERFORMANCE	Possible Causes	What To Do
Clothes too wet	Incorrect spin cycle selected	 Make sure the spin cycle selected matches the load you are washing. Some fabrics will feel wetter when rinsed with cold water
Colored spots	Incorrect use of fabric softener	 Check fabric softener package for instructions and follow directions for using dispenser.
		Pretreat stain and rewash.
	Dye transfer	Sort whites or lightly colored items from dark colors.
Grayed or yellowed clothes	Not enough detergent	 Use more detergent (especially with larger loads). Be sure to follow detergent manufacturer's directions.
	Hard water	 Use a water conditioner like Calgon brand or install a water softener.
	Water is not hot enough	 Make sure water heater is delivering water at 120°F-140°F (48°C-60°C).
	Washer is overloaded	Select load size to match clothes load.
	Detergent is not dissolving	 Add detergent as wash basket fills with water before you load clothes.
	Dye transfer	 Sort clothes by color. If fabric label states wash separately, unstable dyes may be indicated.
Lint or residue on clothes	Clothes are air or line dried	 If you do not dry your clothes with a clothes dryer, your clothes may retain more lint.
	Incorrect sorting	Separate lint producers from lint collectors.
	Washing too long	• Wash small loads for a shorter time than larger loads.
	Detergent not dissolving	 Add detergent as wash basket fills with water, before you load clothes.
		• Try a liquid detergent.
		Use warmer water temperature.
	Overloading	 Load clothes no higher than the top row of holes in the washer basket.
		Make sure load size selected matches clothes load size.
	Incorrect use of fabric softener	Check fabric softener package for instructions and follow directions for using dispenser.

Before you call for service...



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PERFORMANCE (cont.)	Possible Causes	What To Do
Pilling	Result of normal wear on poly-cotton blends and fuzzy fabrics	 While this is not caused by the washer, you can slow the pilling process by washing garments inside out.
Snags, holes, tears, rips or excessive wear	Pins, snaps, hooks, sharp buttons, belt buckles, zippers and sharp objects left in pockets	 Fasten snaps, hooks, buttons and zippers. Remove loose items like pins, objects in pockets and sharp buttons. Turn knits (which snag easily) inside out.
	Undiluted chlorine bleach	 Check bleach package instructions for proper amount. Never add undiluted bleach to wash or allow clothes to come in contact with undiluted bleach.
	Chemicals like hair bleach or dye, permanent wave solution	 Rinse items that may have chemicals on them before washing.
Wrinkling	Improper sorting	 Avoid mixing heavy items (like work clothes) with light items (like blouses). Try a fabric softener.
	Overloading or incorrect water level	• Load your washer so clothes have enough room to move freely with water covering all of the clothes.
	Incorrect wash and dry cycles	 Match Cycle selection to the type of fabric you are washing (especially for easy care loads).
	Repeated washing in water that is too hot	Wash in warm or cold water.
SOUNDS	Possible Causes	What To Do
"Metallic knocking"	Shifter mechanism is engaging or disengaging	 The drive system will engage at the start of agitate and disengage when agitate is complete. This occurs multiple times during the wash.
Back and forth "swoosh" or "zip" sound during agitate	Electric motor reversing direction	 This machine has a drive system that doesn't use gears. This sound is the motor rotating back and forth to agitate your laundry.
Quick short agitation sounds at end of agitate	Clothing redistribution	• At the end of agitate, the motor makes short agitation stroke to redistribute the load.
"Click" when water stops filling	Relay switch	 The relay makes a click sound when activated. The water level activates the relay and stops filling.
"Clicking" behind Control Panel during fill	Automatic Temperature Control Valve	 This valve mixes in cold and hot water. The "clicking" is the valve turning on and off.
	Automatic Temperature	• This valve mixes in cold and hot water. The sound changes when the valves are turned on and off.
	Control Valve	when the valves are turned on and off.
during fill Motor "whining up" or		 The motor will speed up incrementally during the spin cycle. When spin is complete, it will coast until it stops.
Water volume changes during fill Motor "whining up" or "coasting down" in spin "Humming"	Control Valve Motor ramping up/down	• The motor will speed up incrementally during the spin cycle.

Safety Instructions

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GE Washer Warranty.



All warranty service provided by our Factory Service Centers, or an authorized Customer Care[®] technician. To schedule service, on-line, 24 hours a day, visit us at **ge.com**, or call **800.GE.CARES** (800.432.2737). Please have serial number and model number available when calling for service.

Staple your receipt here. Proof of the original purchase date is needed to obtain service under the warranty.

For The Period Of: We Will Replace:

One Year From the date of the original purchase **Any part** of the washer which fails due to a defect in materials or workmanship. During this *limited one-year warranty,* we will also provide, *free of charge,* all labor and related service to replace the defective part.

What Is Not Covered:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance.
- Failure of the product if it is abused, misused, or used for other than the intended purpose or used commercially.
- Replacement of house fuses or resetting of circuit breakers.
- Products which are not defective or broken, or which are working as described in the Owner's Manual.

- Damage to the product caused by accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this appliance.
- Defects or damage due to operation in freezing temperatures.
- Damage caused after delivery.
- Product not accessible to provide required service.

EXCLUSION OF IMPLIED WARRANTIES—Your sole and exclusive remedy is product repair as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. If the product is located in an area where service by a GE Authorized Servicer is not available, you may be responsible for a trip charge or you may be required to bring the product to an Authorized GE Service location. In Alaska, the warranty excludes the cost of shipping or service calls to your home.

Some states do not allow the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: General Electric Company. Louisville, KY 40225

Safety Instructions



GE Appliances Website

Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! For greater convenience and faster service, you can now download Owner's Manuals, order parts or even schedule service on-line.



Schedule Service

Expert GE repair service is only one step away from your door. Get on-line and schedule your service at your convenience 24 hours any day of the year! Or call 800.GE.CARES (800.432.2737) during normal business hours.



Real Life Design Studio

GE supports the Universal Design concept—products, services and environments that can be used by people of all ages, sizes and capabilities. We recognize the need to design for a wide range of physical and mental abilities and impairments. For details of GE's Universal Design applications, including kitchen design ideas for people with disabilities, check out our Website today. For the hearing impaired, please call 800.TDD.GEAC (800.833.4322).



Extended Warranties

Purchase a GE extended warranty and learn about special discounts that are available while your warranty is still in effect. You can purchase it on-line anytime, or call 800.626.2224 during normal business hours. GE Consumer Home Services will still be there after your warranty expires.



Parts and Accessories

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today, 24 hours every day or by phone at 800.626.2002 during normal business hours.

Instructions contained in this manual cover procedures to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.



Contact Us

If you are not satisfied with the service you receive from GE, contact us on our Website with all the details including your phone number, or write to: General Manager, Customer Relations GE Appliances, Appliance Park Louisville, KY 40225



Register Your Appliance

Register your new appliance on-line—at your convenience! Timely product registration will allow for enhanced communication and prompt service under the terms of your warranty, should the need arise. You may also mail in the pre-printed registration card included in the packing material.

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