



Built-h Gas Cooktop

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More questions ?call	
GE Answer Center" 800.626.2000	



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Models: JGP622ER JGP623ER



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HELP US HELP YOU...

Read this book carefully,

It is intended to help you operate and maintain your new cooktop properly.

Keep it handy for answers to your questions.

If you don't understand something or need more help, write (include your phone number):

Consumer Affairs GE Appliances Appliance Park Louisville, KY 40225

Write down the model and serial numbers.

You'll find them on a label located on the underside of the cooktop.

These numbers are also on the Consumer Product Ownership Registration Card that came with your cooktop. Before sending in this card, please write these numbers here:

Model Number

Serial Number

Use these numbers in any correspondence or service calls concerning your cooktop.

If you received a damaged cooktop...

Immediately contact the dealer (or builder) that sold you the cooktop.

Save time and money. Before you request service . . .

Check the Problem Solver in the back of this guide. It lists causes of minor operating problems that you can correct yourself.

IF YOU NEED SERVICE

To obtain service, see the Consumer Services page in the back of this guide.

We're proud of your service and want you to be pleased. If for some reason you are not happy with the service you receive, here are three steps to follow for further help.

FIRST contact the people who serviced your appliance. Explain why you are not pleased. In most cases, this will solve the problem.

NEXT, if you are still not pleased, write all the details—including you phone number-to:

Manager, Consumer Relations GE Appliances Appliance Park Louisville, KY 40225

FINALLY, if your problem is still not resolved, write:

Major Appliance Consumer Action Panel 20 North Wacker Drive Chicago, IL 60606

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- —Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- - •Do not try to light any appliance.
 - . Do not touch any electrical switch; do not use any phone in your building.
- •Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- . If you cannot reach your gas supplier, call the fire department.
- —Installation and service must be performed by a qualified installer, service agency or the gas supplier.

IMPORTANT SAFETY INSTRUCTIONS Read all instructions before using this appliance.

IMPORTANT SAFETY NOTICE

The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of substances known to the state to cause cancer, birth defects or other reproductive harm and requires businesses to warn customers of potential exposure to such substances.

Gas appliances can cause minor exposure to four of these substances, namely benzene, carbon monoxide, formaldehyde and soot, caused primarily by the incomplete combustion of natural gas or LP fuels. Properly adjusted burners, indicated by a bluish rather than a yellow flame, will minimize incomplete combustion. Exposure to these substances can be minimized further by venting with an open window or using a ventilation fan or hood.

When You Get Your Cooktop

When you get your cooktop, have the installer show you the location **cf** the gas shutoff valve and how to shut it off if necessary.

Have your cooktop installed and properly grounded by a qualified installer, in accordance with the Installation Instructions. Any adjustment and service should by performed only by qualified gas range installers or service technicians.

- Plug your cooktop into a 120-volt grounded outlet only. Do not remove the round grounding prong from the plug. If in doubt about the grounding of the home electrical system, it is your personal responsibility and obligation to have an ungrounded outlet replaced with a properlygrounded three-prong outlet in accordance with the National Electrical Code. Do not use an extension cord with this appliance.
- Be sure all packing materials are removed from the cooktop before operating it, to prevent fire or smoke damage should the packing material ignite.
- Be sure your cooktop is correctly adjusted by a qualified service technician or installer. This counter unit, as shipped from the factory, can only be operated with natural gas. Do not try to operate it with LP (bottled) gas unless you follow the Installation Instructions **packed** with your cooktop. See LP Gas Adjustments.

• Don't attempt to repair or replace any part of your cooktop unless it is specifically recommended in this guide. All other servicing should be referred to a qualified technician.

Using Your Cooktop

- Don't leave children alone or unattended where a cooktop is hot or in operation. They could be seriously burned.
- •CAUTION: ITEMS OF INTEREST TO CHILDREN SHOULD NOT BE STORED IN CABINETS ABOVE A **COOKTOP**— CHILDREN CLIMBING ON THE COOKTOP TO REACH ITEMS COULD BE SERIOUSLY INJURED.
- Teach children not to play with the controls or any other part of the cooktop.
- Do not operate the burner without all burner parts in place.
- •Do not clean the cooktop with flammable or volatile cleaning fluids.
- •Do not clean the cooktop when the appliance is in use.
- Avoid scratching the cooktop with sharp implements, or with rings and other jewelry.
- •Never use the cooktop as a cutting board.
- •Let burner grates and other surfaces cool before touching them or leaving them where children can reach them.
- . Never wear loose-fitting or hanging garments while using the appliance. Be careful when reaching for items stored in cabinets over the cooktop. Flammable material could be ignited if brought in contact with flame or hot surfaces and may cause severe burns.
- •Never use your appliance for warming or heating the room. Prolonged use of the cooktop in this way can be hazardous.

(continued next page)





IMPORTANT SAFETY INSTRUCTIONS

(continued)



•Do not use water on grease fires. Never pick up a flaming pan. Smother flaming pan by covering pan

completely with well-fitting lid, cookie sheet or flat tray, or if available, use a dry chemical or foam-type extinguisher.

Flaming grease outside a pan can be put out by covering with baking soda or if available a multipurpose dry chemical or foam-type extinguisher.

- •When using glass cookware make sure it is designed for top-of-range cooking.
- •Do not store flammable materials near the cooktop. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.



•Do not let cooking grease or other flammable materials accumulate in or near the cooktop.

- •Never clean the cooktop surface when it is hot. Some cleaners produce noxious fumes and wet cloths could cause steam burns if used on a hot surface.
- •Always use the LITE position when igniting top burners and make sure the burners have ignited.
- •Never leave surface burners unattended at high flame settings. Boilover causes smoking and greasy spillovers that may catch on fire.
- •Adjust surface burner flame size so it does not extend beyond the edge of the cookware. Excessive flame is hazardous.



 Use only dry pot holders moist or damp pot holders on hot surfaces may result in burns from steam. Do not let pot holders come near open

flames when lifting cookware. Do not use a towel or other bulky cloth in place of a pot holder.

- •To minimize the possibility of **burns**, ignition of flammable materials and spillage, turn cookware handles toward the side or center of the cooktop without extending over adjacent burner.
- •Always turn surface burner to OFF before removing cookware.

- •Watch foods being fried at HI flame setting.
- •Foods for frying should be as dry as possible. Frost on frozen foods or moisture on fresh foods can cause hot fat to bubble up and over sides of pan.
- •Use least possible amount of fat for effective shallow or deep-fat frying. Filling the pan too full of fat can cause spillovers when food is added.
- •If a combination of oils or fats will be used in frying, stir together before heating, or as fats melt slowly,
- •Always heat fat slowly, and watch as it heats.
- •Use a deep fat thermometer whenever possible to prevent overheating fat beyond the smoking point.
- •Never try to move a pan of hot fat, especially a deep fat fryer. Wait until the fat is cool.
- •Use proper pan size—Avoid pans that are unstable or easily tipped. Select cookware having flat bottoms large enough to properly contain food and avoid boilovers and spillovers, and large enough to cover burner grate. This will both save cleaning time and prevent hazardous accumulations of food, since heavy spattering or spillovers left on cooktop can ignite. Use pans with handles that can be easily grasped and remain cool.
- •Keep all plastics away from top burners.
- •To avoid the possibility of a burn, always be certain that the controls for all burners are at OFF position and all grates are cool before attempting to remove a grate.
- If cooktop is located near a window, do not use long curtains which could blow over the top burners and create a fire hazard.
- If you smell gas, turn off the gas to the cooktop and call a qualified service technician. Never use an open flame to locate a leak.
- •Don't use aluminum foil to line burner bowls. Misuse could result in a fire hazard or damage to the cooktop.



- Do not cover or block the area around the cooktop knobs. This area must be kept clear for proper ventilation and burner performance.
- •When cooking pork, follow the directions exactly and always cook the meat to an internal temperature of at least 170°F. This assures that, in the remote possibility that trichina may be present in the meat, it will be killed and the meat will be safe to eat.
- Do not use a wok on the cooking surface if the wok has a round metal ring which is placed over the burner grate to support the wok. This ring acts as a heat trap which may damage the burner grate and burner head. Also, it may cause the burner to work improperly. This may cause a carbon monoxide level above that allowed by current standards, resulting in a health hazard.
- •Clean only parts listed in this Use and Care Book.

LP Conversion

Your cooktop is shipped from the factory set to operate only with Natural Gas.

If you wish to use your cooktop with Liquefied Petroleum Gas, you must follow the Installation Instructions packed with your cooktop. See LP Gas Adjustments.

WARNING: This conversion kit must be installed by a qualified service technician in accordance with the manufacturer's instructions and all codes and requirements of the authority having jurisdiction. Failure to follow these instructions could result in serious injury or property damage, The qualified agency performing this work assumes responsibility for the conversion.

SAVE THESE INSTRUCTIONS

FEATURES OF YOUR COOKTOP





USING YOUR COOKTOP

Automatic Ignition

Your surface burners are lighted by electric ignition, eliminating the need for standing pilot lights with constantly burning flames.

In case of a power outage, you can light the burners with a match. Hold a lighted match to the burner, then turn the knob to the LITE position. To avoid burning your hand, use extreme caution when lighting burners this way.

Surface burners in use when an electrical power failure occurs will continue to operate normally.

To Light a Burner

Push the control knob in and turn it counterclockwise to LITE.



After the burner ignites, turn the knob to adjust the flame size. To turn the burner off, turn the knob clockwise as far as it will go, to the OFF position.



- Do not operate the burner for an extended period of time without cookware on the grate. The finish on the grate may chip without cookware to absorb the heat.
- Check to be sure the burner you turn on is the one you want to use.
- Be sure the burners and grates are cool before you place your hand, a pot holder, cleaning cloths or other materials on them.

How to Select Flame Size

Watch the flame, not the knob, as you reduce heat. The flame size on a gas burner should match the cookware you are using.

FOR SAFE HANDLING OF COOKWARE, NEVER LET THE FLAME EXTEND UP THE SIDES OF THE COOKWARE. Any flame larger than the bottom of the cookware is wasted heat and only serves to heat the handle.



Cookware

Aluminum: Medium-weight cookware is recommended because it heats quickly and evenly. Most foods brown evenly in an aluminum skillet. Use saucepans with tight-fitting lids when cooking with minimum amounts of water.

Cast Iron: If heated slowly, most skillets will give satisfactory results.

Enamelware: Under some conditions, the enamel of some cookware may melt. Follow cookware manufacturer's recommendations for cooking methods.

Glass: There are two types of glass cookware-those for oven use only and those for surface cooking (saucepans, coffee and teapots). Glass conducts heat very slowly.

Heatproof Glass Ceramic: Can be used for either surface or oven cooking. It conducts heat very slowly and cools very slowly, Check cookware manufacturer's directions to be sure it can be used on gas cooktops.

Stainless Steel: This metal alone has poor heating properties, and is usually combined with copper, aluminum or other metals for improved heat distribution. Combination metal skillets generally work satisfactorily if used at medium heat as the manufacturer recommends.



Wok Cooking

We recommend that you use only a flat-bottomed wok. They are available at your local retail store.



Do not use woks that have support rings. Use of these types of woks, with or without the ring in place, can be dangerous. Placing the ring over the burner



grate may cause the burner to work improperly resulting in carbon monoxide levels above allowable current standards. This could be dangerous to your health. Do not try to use such woks without the ring. You could be seriously burned if the wok tipped over.

Stove Top Grills

Do not use stove top grills on your sealed gas burners. If you use the stove top grill on the sealed gas burner it will cause incomplete combustion and can result in exposure to carbon monoxide levels above allowable current standards. This can be hazardous to your health.



Air Adjustment

An air adjustment shutter for each surface burner regulates the flow of air to the flame.

When the right amount of air flows into the burner, the flame will be steady, relatively quiet and have approximately 3/4 inch sharp blue cones. This is usually the case with factory preset shutters.



With too much air, the flame will be unsteady, possibly won't burn all the way around, and will be noisy, sounding like a blowtorch.

With not enough air, you won't see any sharp blue cones in the flame, you may see yellow tips, and soot may accumulate on cookware.

If an air adjustment is needed, remove the control knobs and control panel.

If the flames are yellow, call for service. If the flames are yellow-tipped, you can make the adjustment yourself.

Use pliers to open the air shutter more. **If they blow awav from the-burner,** close the air shutter more. Be sure to keep the gap in the air shutter facing straight up. Be careful not to distort the air shutter when making adjustments with the pliers.

Now look at the inner cone of the flame. It should be about 3/4-inch long for all surface burners. If the flame is not the right length, the orifice hood must be adjusted. Use a 1/2-in open-end wrench to tighten the orifice hood by turning in the L.P. direction to shorten and the Nat. direction to lengthen.







CARE AND CLEANING

Proper care and cleaning are important so your cooktop will give you efficient and satisfactory service. Follow these directions carefully in caring for it.

Before cleaning any part of your cooktop, be sure all burners are off and DISCONNECT ELECTRIC POWER TO THE COOKTOP at the fuse box or circuit breaker panel, or pull the cooktop power plug, located beneath the cooktop and inside the cabinets.

Lift-Up Top

Clean the area under the cooktop often. Built-up soil, especially grease, may catch fire.

To make cleaning under the top easier, the top may be lifted up and supported by a locking arm.

After cleaning under the top with hot, soapy water, lower the top back in place. Be careful not to pinch your fingers.

To raise cooktop:

Be sure all burners are turned off and unit is cool. Remove cooktop burner bowls, grates and control knobs. Grasp cooktop at the front and lift up. Raise the support rod into place and hook it into the bracket on the underside of the cooktop to hold the cooktop while cleaning.

Be sure to secure the cooktop support rod in the maintop strike catch.



Carefully replace the support rod and lower the cooktop. Press into place. Make sure the strikes fit in the catches to fasten the cooktop. Replace four surface units and control knobs.

Porcelain Cooktop

The porcelain enamel finish is sturdy but breakable if misused. This finish is acid resistant. However, any acid foods spilled (such as fruit juices, tomato or vinegar) should not be permitted to remain on the finish. If acids spill on the cooktop while it is hot, use a dry paper towel or cloth to wipe it up right away. When the surface has cooled, wash with soap and water or cleansing powders. Rinse well.

For other spills such as fat smatterings, wash with soap and water or cleansing powders after the surface has cooled. Rinse well. Polish with a dry cloth.

Control Knobs

The control knobs may be removed for cleaning.

To remove knob, pull it straight off the stem. If knob is difficult to remove, place a thin cloth (like a handkerchief) a piece of string under

and around the knob edge and pull up.

Wash knobs in soap and water but do not soak.

To replace knob, match the "D" shaft on the knob to the "D" shaft on the stem. Do not force the knob. 8

Control Panel

It's a good idea to wipe the control panel clean after each use of the cooktop. For a more thorough cleaning, the knobs can be removed by pulling them off the knob stems. Clean with mild soap and water, rinse with clean water and polish dry with a soft cloth.

Do not use abrasive cleaners, strong liquid cleaners or oven cleaners on the control panel—they will damage the finish. A 50/50 solution of vinegar and hot water works well.



Burners

The holes in the burners of your cooktop must be kept clean at all times for proper ignition and an even, unhampered flame.

You should clean the burners routinely, especially after bad spillovers which could clog these holes. Burners lift out for cleaning if the screws are removed.





To remove burners:

1. Grasp burner head and tilt it to the right to release the two tabs from slots in the burner support. (A and B)

Burner Grates

Burner grates should be washed regularly and, of course, after spillovers. Wash them in hot, soapy water and rinse with clean water. Dry the grates with a cloth—don't put them back on the range wet. When replacing the grates, be sure they're positioned securely over the burners.

To get rid of burned-on food, place the grates in a covered container or plastic bag. Add 1/4 cup ammonia and let them soak for 30 minutes. Wash, rinse well, and dry.

Drip Pans

Drip pans can permanently discolor if exposed to excessively high heat or if soil is allowed to bake on.

Remove the grates. Then lift out the drip pans.

To remove brown food stains, soak them for about 20 minutes in slightly diluted liquid cleanser or a mild solution of ammonia and water (1/2 cup of ammonia to one gallon of water). Rinse with clean water.

2. Lift the end of the burner assembly, then pull away from the front of the cooktop to free the air shutter from the gas valve orifice.

To remove burned-on food, soak the burners in a solution of mild liquid detergent and water. Soak the burners for 20 to 30 minutes. If the food doesn't rinse off completely, scrub them with soap and water and a brush or plastic pad. Do not use steel wool or abrasive cleansers because they will clog the burner openings and scratch the burners. If the holes become clogged, clean them with a small sewing needle or a small safety pin.

Do not attempt to clean burners in an automatic dishwasher. Loosened food soil can clog burner holes, and the strong action of the dishwasher detergent can damage the burner heads. Before putting the burners back, shake out excess water and dry them thoroughly.

To replace burners:

- **1.** Slip the air shutter over the gas valve orifice.
- 2. Lower the burner assembly and hook the tabs in the slots in the burner support.
- 3. Be sure both tabs are in their slots, that the burner sits level and straight, and that the flash tube forms a straight line from the igniter to the burner.

Although they're durable, the grates will gradually lose their shine, regardless of the best care you can give them. This is due to their continual exposure to high temperatures.

Do not operate a burner for an extended period of time without cookware on the grate. The finish on the grate may chip without cookware to absorb the heat.

Do not clean in the self-cleaning oven.

Blue/gold heat stains can be lessened with a metal polish but are usually permanent. To minimize staining, avoid excessive use of high heat setting and use flat bottom pans that do not extend more than two inches from the surface unit.

The drip pans may also be cleaned in the dishwasher.

When replacing drip pans, the notch on the rear pan and the notch on the front pan should meet in the middle.

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QUESTIONS? USE THIS PROBLEM SOLVER

PROBLEM	POSSIBLE CAUSE
CONTROL KNOB WILL NOT TURN	. When the knob is at the OFF position, it must be pushed in before it can be turned, and must be turned in a counterclockwise direction. When the knob is at any other position, it can be turned in either direction without being pushed in.
TICKING SOUND OF SPARK IGNITER PERSISTS AFTER BURNER LIGHTS	• Turn burner off and relight. If ticking is still present, call for service.
TICKING SOUND PERSISTS AFTER BURNER IS TURNED OFF	• Be sure knob is in the OFF position. Remove knob by pulling it straight off the stem and check bottom of knob for any build-up of soil.
BURNERS DO NOT LIGHT	 Make sure electrical plug is plugged into a live power outlet. Gas supply not connected or not turned on. Burner parts not replaced correctly (see Care and Cleaning section). Counter unit not properly grounded or polarized. This can affect spark ignition. Soil clogging holes in burner top. Remove and clean. Cooktop burner top not replaced correctly. Knob not re-installed correctly. Push knob down on the stem.
BURNERS HAVE YELLOW OR YELLOW-TIPPED FLAMES	(A) Yellow flames (B) Yellow-tipped flames (C) Normal soft blue flames • If burner flames look like (A) or (B), call for service. Normal burner flames should look like (C), burning with a soft blue flame. Normal burner flames

If you need more help.. call, toll free: GE Answer Center" 800.626.2000 consumer information service

The Problem Solver

We'll Be There

With the purchase of your new GE appliance, receive the assurance that if you ever need information or assistance from GE, we'll be there. All you have to do is call-toll-free!



In-Home Repair Service 800-GE-CARES (81711432-2737)

A GE consumer service professional will provide expert repair service, scheduled at a time that's convenient for you. Many GE Consumer Service company-operated locations offer you service today or tomorrow, or at your convenience (7:00 a.m. to 7:00 p.m. weekdays, 9:00 a.m. to 2:00 p.m. Saturdays). Our factory-trained technicians know your appliance inside and out-so most repairs can be handled in just one visit.





Service Contracts 800-626-2224

You can have the secure feeling that GE Consumer Service will still be there after your warranty expires. Purchase a GE contract while your warranty is still in effect and you'll receive a substantial discount. With a multipleyear contract, you're assured of future service at today's prices.

Parts and Accessories 800-626-2002

Individuals qualified to service their own appliances can have needed parts or accessories sent directly to their home. The GE parts system provides access to over 4'7,000 parts... and all GE Genuine Renewal Parts are fully warranted. VISA, MasterCard and Discover cards are accepted.

User maintenance instructions contained in this booklet cover procedures intended 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.



GE Answer Center® 800.626.2000

Whatever your question about any G major appliance, GE Answer Center information service is available to help. Your call-and your question will be answered promptly and courteously. And you can call any time. GE Answer Center" service is open 24 hours a day, 7 days a week.



Telecommunication Device for the Deaf



&Customers With Special Needs... 800.626.2000

Upon request, GE will provide Braille controls for a variety of GE appliances, and a brochure to assist in planning a barrier-free kitchen for persons with limited mobility. To obtain these items, free of-charge, call 800.626.2000.

Consumers With impaired hearing or speech who have access to a TDD or a conventional teletypewriter may call 800-TDD-GEAC (800-833-4322) to request information or service.

YOUR BUILT-IN COOKTOP

Save proof of original purchase date such as your sales slip or cancelled check to establish warranty period.

WHAT IS COVERED

FULL ONE-YEAR WARRANTY

For one year from date of original purchase, we will provide, free of charge, parts and service labor in your home to repair or replace **any part of the cooktop** that fails because of a manufacturing defect. This warranty is extended to the original purchaser ana any succeeding owner for products purchased for ordinary home use in the 48 mainland states, Hawaii and Washington, D.C. In Alaska the warranty is the same except that it is LIMITED because you must pay to ship the product to the service shop or for the service technician's travel costs to your home.

All warranty service will be provided by our Factory Service Centers or by our authorized Customer Care[®] servicers during normal working hours.

Should your appliance need service, during warranty period or beyond, call 800-GE-CARES (800-432-2737).

WHAT IS NOT COVERED

Read your Use and Care material. If you then have any questions about operating the product, please contact your dealer or our Consumer Affairs office at the address below, or call, toll free:

Service trips to your home to teach

you how to use the product.

GE Answer Center® 800.626.2000 consumer information service

. Improper installation.

If you have an installation problem, contact your dealer or installer.

You are responsible for providing adequate electrical, gas, exhausting and other connecting facilities as described in the Installation Instructions provided with the product.

- Replacement of house fuses or resetting of circuit breakers.
- Failure of the product if it is used for other than its intended purpose or used commercially.
- Damage to product caused by accident, fire, floods or acts of God.

WARRANTOR IS NOTRESPONSIBLE FOR CONSEQUENTIAL DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. 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 in your state, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: General Electric Company

If further help is needed concerning this warranty, write: Manager—Consumer Affairs, GE Appliances, Louisville, KY 40225

Part No. 1	64D2588P134	
Pub. No. 49-8334		
MNU117	Rev. 1	

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