SEARS Kenmore

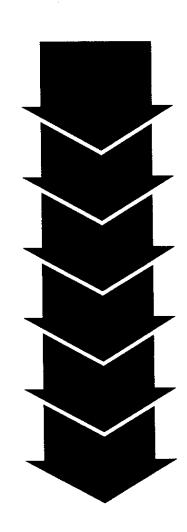
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WARRANTY



USE · CARE · SAFETY MANUAL



WARNING

- ALL RANGES CAN TIP
- INJURY TO PERSONS COULD RESULT
- INSTALL ANTI-TIP DEVICE PACKED WITH RANGE
- SEE INSTALLATION INSTRUCTIONS

STABILITY DEVICE INSTALLATION INSTRUCTIONS FOR BRACKET KIT NO. 342473

TOOLS NEEDED:

Phillips head screwdriver

1 3/8" open end or adjustable wrench

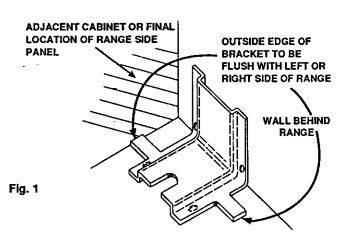
Bracket attaches to floor or wall to hold either right or left rear leg leveler. If fastening to floor, be sure that screws do not penetrate electrical wiring or plumbing. If this cannot be determined, use shorter screws that will not penetrate through flooring.

If the bracket came with your range, it is shipped in the prepack located inside the oven. Remove the bracket from the prepack and follow the instructions below.

- 1. Decide whether the bracket will be installed on the right or left side of range location.
- 2. If the bracket side of the range is adjacent to a cabinet, place the bracket against back wall and cabinet as shown in Figure 1.

If there is no adjacent cabinet, determine where the location of the range side (painted outside panel) will be. Place the bracket with its outside edge at this location and against back wall. See Figure 1.

- 3. Determine whether you will anchor the bracket to the floor or wall. Fasten the bracket securely with the screws provided. Screws are self-drilling in wood, plywood, particle and chip board, and most metal framing. If attaching to masonry, you can buy suitable screws and anchors at hardware stores. Use a masonry drill to drill the required holes.
- 4. Using the wrench, back out the four leg levelers at least two turns. See your installation guide for more leveling information before positioning range.
- Slide the range into place. Be sure rear leg leveler fully engages slot in bracket. If range cannot be moved back far enough for rear leg leveler to enter bracket, move bracket forward as required and attach to floor in new location.



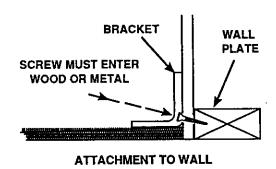


Fig. 2

NCINS01-3

IMPORTANT INSTRUCTIONS FOR YOUR SAFETY

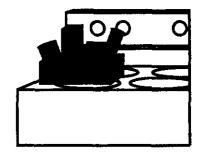
SAVE THESE INSTRUCTIONS

Read all instructions before using this appliance. When using electrical appliances, basic safety precautions should be followed, including the following:



Teach children not to play with range knobs or any other part of the range.

Never leave children alone or unattended where a range is in use.

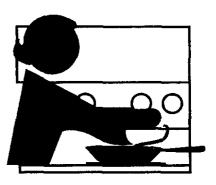




CAUTION:

Items of interest to children should not be stored in cabinets above the range or on the backsplash of the range. Children climbing on the range to reach items could be seriously injured.

Never let anyone climb, sit or stand on the open door or any other part of the range. Their weight may make the range tip over.





Never leave the oven door open when you are not watching the range.



To insure safety for yourself and your home, please read your Owner's Manual carefully. Keep it handy for quick easy reference. Pay close attention to the safety sections of your manual. You can recognize the safety sections by looking for the symbol or the word "Safety."

Always keep the range area clear and free from things that will burn.

CAUTION:

Never store things in an oven or near cooking zones. These things may catch fire and plastic items could melt.



Never use your range for warming or heating a room. You could be burned or seriously injured. Such misuse could also cause damage to the range.

Never wear loose clothing when using your range. Such clothing could catch fire.



Neveruse a towel or other bulky cloth as a potholder. Such cloths could catch fire on a hot cooking zone.

Never let pot handles stick out over the front of the range. Turn handles in so that they cannot be bumped. Keep the handles away from other hot cooking zones.



Never leave cooking zones unwatched at high heat settings. Bollovers cause smoking and greasy spillovers could catch fire.

IMPORTANT SAFETY INSTRUCTIONS

BASIC SAFETY PRECAUTIONS

Keep this book for later use.

Be sure your range is installed and grounded properly by a qualified technician.

Always use dry potholders when removing pans from the oven or cooktop. Moist or damp potholders can cause steam burns.

Always follow cleaning instructions in this book.

Always keep the range and oven clean. Food and grease are easy to ignite. Clean the range, oven and vents regularly.

Clean Only Parts Listed In Manual.

CAUTION: Do not store items of interest to children in cabinets above a range or on the backguard of a range. Children climbing on a range to reach items could be seriously injured.

Always keep combustible wall coverings, curtains, or drapes a safe distance away from your range and oven.

Always keep dish towels, dish cloths, potholders and other linens a safe distance away from your range. Never store such Items on your range.

Always keep the appliance area clear and free from things that will burn (gasoline and other flammable vapors and liquids).

Never try to repair or replace any part of the range unless Instructions are given in this book. All other work should be done by a skilled technician.

Never heat unopened food containers. Pressure buildup may make container burst and cause injury.

Never leave jars or cans of fat or drippings on or near the range. Never let grease build up on your range. You can keep grease fires from starting if you clean up grease and spills after each range use.

Never try to move a pan of hot fat, especially a deep fat fryer. Wait until the fat has cooled.

Never touch surface units, heating elements, or Interior surfaces of the oven. They may be not even though they appear dark in color.

Always keep wooden utensils, plastic utensils or canned food a safe distance away from your range.



Some cleaners produce noxlous fumes and wet cloths or sponges could cause steam burns if used on a hot surface.

COOKTOP SAFETY

Always use care when touching the cooktop. Heating elements could be not enough to burn you even if they 4

are dark in color. The glass surface of the cooktop will retain heat after the controls are turned off.

Only some kinds of glass or ceramic pans can be used for cooktop cooking. Be sure that the pan you use will not break when heated on the cooktop elements.

Never block free airflow through the oven vent.

Do not cook on broken cooktop. If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electrical shock. Contact a qualified technician immediately.

For major spills — Turn unit to LO; use dry paper towels to wipe up major spills, and then use a razor scraper (held in a potholder) to scrape major spills from a hot cooking zone. DO NOT attempt further cleaning until cooktop surface has cooled.



Choose pots and pans with flat bottoms, large enough to cover the en-

tire cooktop element. This will cut down the risk of setting potholders or clothing on fire with an uncovered element and waste less energy.

OVEN SAFETY

Place oven racks in desired position while oven is cool. if rack must be moved while oven is hot, do not let potholder contact hot heating element in oven.

After broiling, always take the broiler pan out of the range and clean it. Leftover grease in the broiler pan can catch on fire next time you use the pan.

Always use care when opening oven door. Let hot air and steam out before moving food.

Never use aluminum foil to line drip bowls or oven bottoms. Improper use of foil could start a fire.

SELF-CLEAN SAFETY

If the self-cleaning mode malfunctions, turn off and disconnect the power supply. Have serviced by a qualified technician.

Always remove broiler pan and other utensils from the oven before a self-clean cycle.

Never rub, move, or damage the door gasket on selfcleaning ranges. The gasket is essential for a good seal.

Never try to clean utensils, cookware or removable parts of your range during a self-clean cycle.

Do Not Use Oven Cleaners — No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.

SAFETY INSTRUCTIONS (continued)

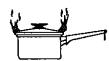
READ AND UNDERSTAND THIS INFORMATION NOW!

Should you ever need it, you will not have time for reading.

Be sure everyone in your home knows what to do in case of fire.

Never use water on a grease fire - it will only spread the flames.

COOKTOP GREASE FIRE



Never pick up a flaming pan!! Instead:

- 1. Turn off the element.
- 2. Smother the fire with a tightly fitting pan lid, baking soda or an extinguisher.

OVEN FIRE — DO NOT TRY TO MOVE THE PAN!



- Close oven door and turn controls off.
- 2. If fire continues, throw baking soda on the fire, or use a dry chemical, foam, or halon type extinguisher.

IMPORTANT SAFETY NOTICE

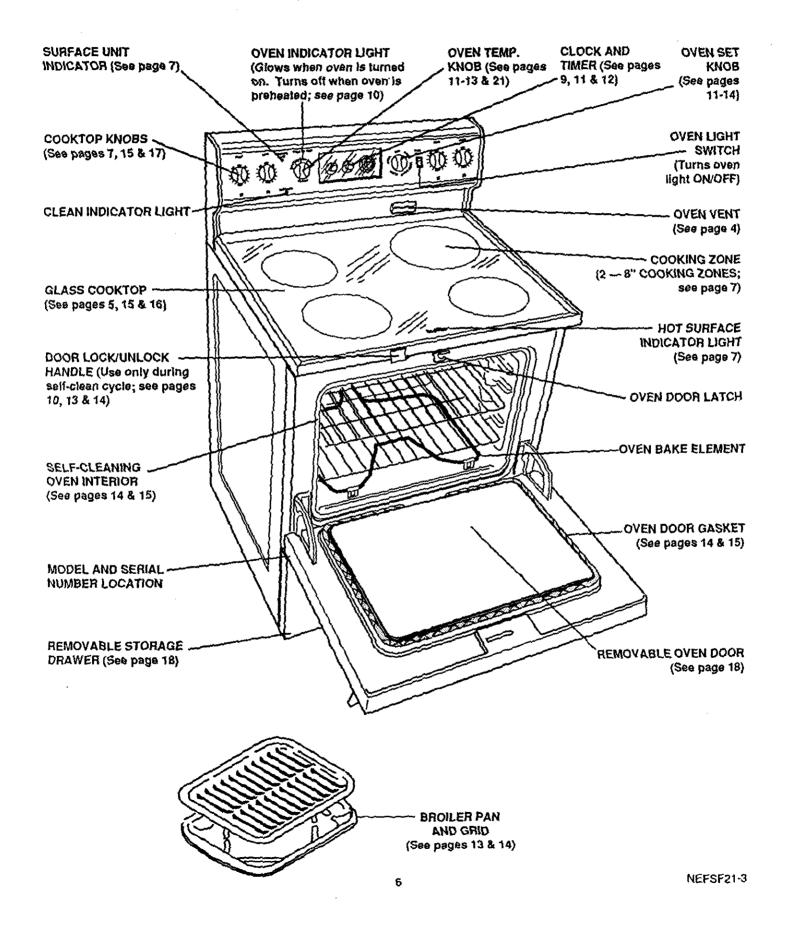
The California Safe Drinking Water and Toxic Enforcement Act requires the governor of California to publish a list of substances known to the state to cause birth defects or other reproductive harm and requires businesses to warn customers of potential exposure to such substances.

IMPORTANT INSTRUCTIONS TO AVOID DAMAGE TO YOUR COOKTOP:

- · Never slide cookware across your cooktop.
- DO NOT use a dish towel or sponge to wipe up the cooktop. They may leave a detergent film on the cooktop which may cause discoloration when heated. If this occurs, remove the discoloration with a recommended cooktop cleaner.
- Sugary spills (such as jellies, fudge, candy syrups) or melted plastics can cause pitting to the surface of your cooktop (not covered by the warranty) unless the spill is removed while hot. Special care should be taken when removing hot substances. Turn off all the cooking zones affected by the spill. Remove hot pans. Wearing an oven mitt, hold the razor scraper at a 30° angle to the cooktop and scrape hot spill to a cooler area outside the cooking zone. With spill in a cool area, use a dry paper towel to remove any excess. Any spill remaining should be left until the surface of the cooktop has cooled. Follow the instructions given in your manual for additional cleaning.
- → DO NOT use scouring powders, plastic, nylon or metal cleaning pads. They may scratch the cooktop.
- **DO NOT** use chlorine bleach, ammonia, hydrofluoric acid, chemical oven cleaners, or any other kind of chemical cleaner. They may discolor the cooktop.
- To avoid possible damage to cooking surfaces, do not apply cooktop cleaning creme to hot surfaces.
- After cleaning, use a damp cloth or paper towel to remove all cooktop cleaning creme residue.
- Consumer should read and follow all instructions and warnings on cooktop cleaning creme labels.

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YOUR RANGE



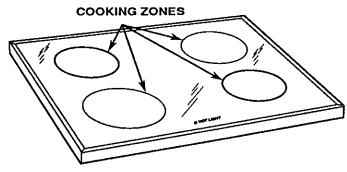
REMOVAL OF PACKAGING TAPE:

To remove adhesive left from packing tape and ensure you do not damage the finish of your new appliance, use an application of household liquid dish washing detergent, mineral oil, or cooking oil. Apply with soft cloth and allow to soak. Wipe with soft cloth. **DO NOT** use plastic pad or equivalent. Wipe dry and then apply an appliance polish to thoroughly clean and protect the surface. This procedure is also safe for the face of microwave doors and other plastic parts.

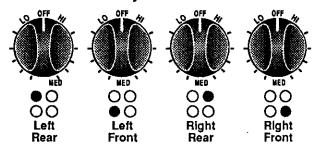
NOTE: The plastic tape must be removed from chrome trim on range parts. It CANNOT be removed if baked on.

TO START THINGS COOKING COOKTOP COOKING

Before you use the cooktop for the first time, clean it with cooktop cleaner. This will leave a protective coating. The cooking zones are shown by the outlines on the glass surface of the cooktop.

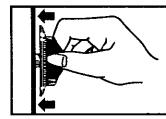


The sign near each cooktop control knob shows which element is turned on by that knob.

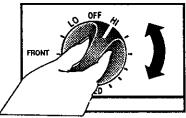


To operate cooktop controls:

1. Push to turn.



2. Set on or between marks for desired heat.



The indicator light will glow when any cooking zone is turned on.

COOKTOP GUIDE TO BASIC SETTINGS

"HI"

Used for quick starts, such as bringing water to a boil.



"MED-HI"

Used for frying and rapid boiling.



"MED"

Used for slow boll and sauteing.



"MED-LO"

Used for cooking foods in small amounts of water.



"LO"

Used for steaming foods or keeping foods at serving temperature.



When a cooking zone surface is turned on, coils beneath the zone radiate heat through the glass to the utensil. The red glow of the coils will be visible through the glass. It will take the cooking zone surface a few moments to heat up. The coil cycles on and off to maintain your selected control setting.

See the Cleaning Tips for important information about maintaining your cooktop.

TO START THINGS COOKING (cont.)



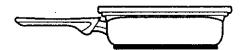
CAUTION:

The surface will retain heat after controls have been turned off. The HOT SURFACE INDICATOR LIGHT glows until the cooktop has cooled to a safe temperature. This may take up to an hour after use. The temperature of the metal frame around the glass will also rise during cooktop use. Use caution when working around your cooktop, especially if more than one cooking zone is on or if using the cooktop for an extended period of time. Be careful not to get burned when the unit has not had time to cool after use.

Do not slide cookware on the surface as it may scratch the glass.

Never cook food directly on the glass. You must use proper cookware. Do not use the surface as a cutting board.

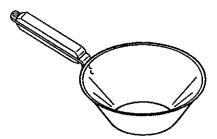
For best cooking results and energy efficient operation, you should use metal pans that are flat on the bottom. Match the size of the pan to the size of the cooking zone. The pan should not extend over the edge of the cooking zone more than 1".



Note: A slight odor is normal when a new cooktop is used for the first time. It is caused by the heating of new parts and insulating materials and will disappear in a short time.

WOK COOKING

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



HOME CANNING TIPS

In surface cooking of foods other than canning, the use of large-diameter pots (extending more than 1" beyond edge of cooking zone) is not recommended. However, when canning with water-bath or pressure canner, large-diameter pots may be used. This is because boiling water temperatures (even under pressure) are not harmful to cooktop surfaces surrounding cooking zones.

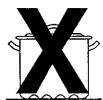
HOWEVER, DO NOT USE LARGE DIAMETER CANNERS OR OTHER LARGE DIAMETER POTS FOR FRYING OR BOILING FOODS OTHER THAN WATER.

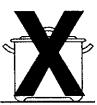
Most syrup or sauce mixtures — and all types of frying — cook at temperatures much higher than boiling water. Such temperatures could eventually harm cooktop surfaces surrounding cooking zones.

OBSERVE FOLLOWING POINTS IN CANNING

- Bring water to boil on HIGH heat, then after boiling has begun, adjust heat to the lowest setting which maintains the boil (saves energy and best uses cooking zone).
- Be sure canner fits over center of cooking zone. If your range does not allow canner to be centered on cooking zone, use smaller-diameter pots for good canning results.
- Flat-bottomed canners give best canning results. Be sure bottom of canner is flat or slight indentation fits snugly over cooking zone. Canners with flanged or rippled bottoms (often found in enamelware) are not recommended.







- 4. When canning, use recipes from reputable sources. Reliable recipes are available from the manufacturer of your canner; manufacturers of glass jars for canning, such as Ball and Kerr; and the United States Department of Agriculture Extension Service.
- Remember, in following the recipes, that canning is a process that generates large amounts of steam. Be careful while canning to prevent burns from steam or heat.

NOTE: If your range is being operated on low power (voltage), canning may take longer than expected, even though directions have been carefully followed. The process may be improved by:

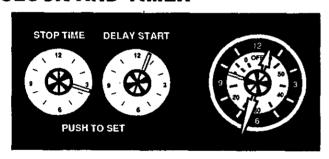
- (1) using a pressure canner, and
- (2) beginning with hot tap water when heating larger quantities of water.

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QUESTIONS & ANSWERS

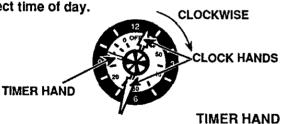
- Q. Can I use special cooking equipment, like an oriental wok, on any of the cooking elements?
- A. We recommend that you use only flat bottomed woks. Cookware without flat surfaces is not recommended.
- Q. May I can foods and preserves on my maintop cooking elements?
- A. Yes, but only use cookware designed for canning purposes. Check the manufacturer's instructions and recipes for preserving foods. Be sure canner is flat-bottomed and fits over the center of the cooking element selected. Canning generates large amounts of steam; be careful to avoid burns.
- Q. Why am I not getting the heat I need from my selected cooking element even though the knob is on the right setting?
- A. Use cookware with flat bottoms and center the cookware on the coils of the cooking element selected. Metal cookware will conduct heat best.

CLOCK AND TIMER



TO SET THE CLOCK:

Push in and turn the Clock Knob clockwise to set the correct time of day.



As you turn the knob you will notice that the Timer hand will turn as well. When you have set the correct time of day, turn the Timer hand to the off position.

TO SET THE TIMER:

Turn the Timer hand counterclockwise without pushing in, until you have reached the desired time you will need.

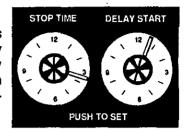


When the timer has counted down to "0", a buzzer will sound alerting you the time is up. Turn the Timer hand to Off.

NOTE: The timer is a reminder. It will not control the oven operations.

NOTE:

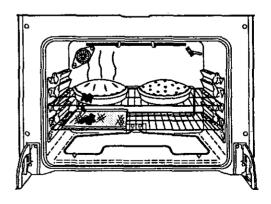
The remaining two dials on the Clock/Timer display (Stop Time and Delay Start) will be used when you are setting timed operations.



OVEN COOKING

GENERAL RULES

- When cooking a food for the first time in your new oven, use time given on recipes as a guide.
 - Your new oven has been set correctly at the factory and is more apt to be accurate than the oven it replaced.
 - After you have used your oven for awhile, if you feel your oven should be hotter or cooler, you can adjust it yourself. See **TEMPERATURE ADJUSTMENTS** in this manual.
- NO PEEKING Opening the door too often to check food during baking will allow heat loss and may cause poor baking results.
- There may be some odor when the oven is first used.
 This is caused by the heating of new parts and insulation.
- Do not cover an entire oven rack with foil. The foil can block normal heat flow and cause poor baking results. Do not place any foil directly above the bake element. Foil used on the oven bottom under the element may damage the oven surface; therefore, it should not be used.



OVEN COOKING

GENERAL RULES (continued)

 Do not lock the oven lock/unlock handle while baking. The oven lock/unlock handle is used for self-clean only.

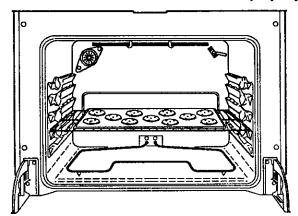


PREHEATING

- When recipes require preheating, have food nearby before you open the oven door. If the oven door is allowed to remain open for more than a brief time, the preheat temperature will be lost.
- Let the oven preheat thoroughly before cooking baked products. Listen for preheat notification tone (if equipped) or watch for the indicator light to go off. If your range does not have either of these features, preheat for 10 minutes and put the food in the oven.

BAKEWARE

 Cookies should be baked on flat cookie sheets without sides to allow the air to circulate properly.

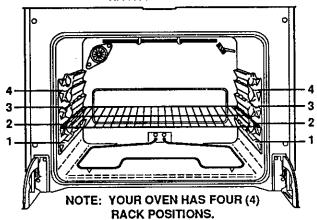


- Cakes, muffins, and quick breads should be baked in shiny pans — to reflect the heat — because they should have a light golden crust. Yeast breads and pie crusts should be baked in glass or duli (nonshiny) pans — to absorb the heat — because they should have a brown, crisp crust.
- Be sure the underside of the pan is shiny, too.
 Darkened undersides will absorb the heat and may cause over-browning on the bottom of your food.
- Oven temperatures should be reduced 25 degrees below recommended temperatures if exterior of pan is predarkened, darkened by age or ovenproof glass.

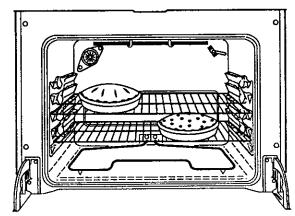
BAKING

- Always follow recipe carefully.
- Measure ingredients properly.
- Use proper pan and rack placement to obtain the best cooking results.





 Place pans on the oven racks with 1" to 1 1/2" of air space on all sides of each pan. Avoid overcrowding the oven.



- When baking several items, stagger pans so that no pan is directly above another.
- Pans too close to each other, to oven walls or to the oven bottom block the free movement of air. Improper air movement causes uneven browning and cooking.

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OVEN CONTROLS

TO SET BAKE:

- 1. Set the OVEN SET KNOB to BAKE for baking.
- 2. Set the **OVEN TEMP KNOB** to the desired temperature for baking.





TIMED BAKING:

This function allows you to have the oven turn on and off automatically by setting the desired times you choose for cooking.

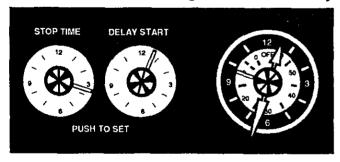
You may choose to have the oven cook now and turn off automatically at a later time - this is called AUTO-MATIC OVEN OFF.

Should you want the oven to automatically begin cooking at a later time and then turn off - this is called **OVEN AUTOMATIC ON, AUTOMATIC OFF.**

Please follow the instructions below for the timed operation you desire to use.

TO SET AUTOMATIC OVEN OFF:

1. Be sure the clock is showing the correct time of day.



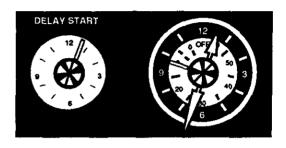
Turn the OVEN SET KNOB to TIMED BAKE (the oven on indicator light will glow).



3. Push in and turn the STOP TIME KNOB to the time you want the oven to stop cooking.



The **DELAY START** dial should show the same time as the **CLOCK**.



- 4. Turn the **OVEN TEMP KNOB** to the temperature you want to use.
- 5. When BAKING is finished the oven will automatically turn off. Turn the **OVEN SET KNOB** to the "OFF" position.





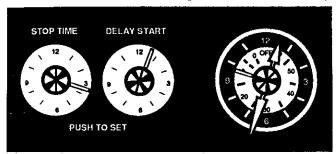
CAUTION:

Foods that are highly perishable, such as milk, eggs, fish, stuffings, poultry and pork, should not be allowed to sit out for more than one hour before or after cooking. Room temperature promotes the growth of harmful bacteria. Be sure that the oven light is off because heat from the bulb will speed harmful bacteria growth.

OVEN CONTROLS (continued)

TO SET OVEN AUTOMATIC ON/OFF:

1. Be sure the clock is showing the correct time of day.



Turn the OVEN SET KNOB to TIMED BAKE (the oven on indicator light will glow).



Push in and turn the DELAY START KNOB to the time you want the oven to start cooking.



Push in and turn the STOP TIME KNOB to the time you want the oven to stop cooking.



5. Turn the **OVEN TEMP KNOB** to the temperature you want to use.

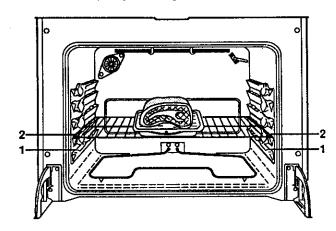


OVEN . TEMP

6. When TIMED BAKING is finished, turn the **OVEN SET KNOB** to the "OFF" position.

ROASTING

Roasting is cooking tender cuts of meats with dry heat. It is not necessary to preheat your oven before roasting.



GENERAL ROASTING INSTRUCTIONS

- 1. Check the weight of the meat.
- 2. Place meat (fatty side up) on a roasting rack or in a shallow pan about the same size of the meat.
- 3. Place pan in No.1 or No. 2 rack position.
- 4. Turn the OVEN SET KNOB to BAKE for baking.
- 5. Turn the **OVEN TEMP KNOB** to the desired temperature for roasting.

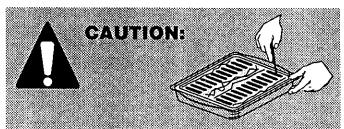
BROILING

BROILING TIPS

Please note:

Your oven door should be open to the broil stop position while broiling. If the door is closed, the food will roast and not broil.

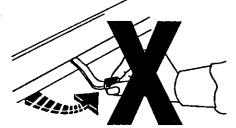
- Use only the broller pan and grid that came with your range for brolling. They are designed for proper drainage of fat and liquids and help prevent spatter, smoke or fire.
- Do not preheat when broiling. For even broiling on both sides, start the food on a cold pan.
- Trim the outer layer of fat from steaks and chops. Slit the fatty edges to keep the meat from curling.
- For maximum juiciness, salt the first side just before turning the meat. Salt the second side just before serving.
- Brush chicken and fish with butter several times as they broil. When broiling fish, grease the grid to prevent sticking and broil with skin side down. It is not necessary to turn fish.
- Never leave a soiled broiler pan in the range.
 Grease in the pan may smoke or burn the next time the oven is used.
- Be sure you know the correct procedure for putting out a grease fire. See the section on safety.



Do not cover the entire broiler grid with foil (mold foil tightly to grid and cut slits in foil to align with slits in the grid). Poor drainage of hot fat may cause a broiler fire.

If a fire starts, close the oven door and turn controls OFF. If fire continues, throw baking soda on the fire. Do not put water on the fire.

 Do not lock, the oven lock/ unlock handle while broiling. The oven lock/ unlock handle is used for selfclean only.



POSITIONING BROILER PAN

Broiling is cooking by direct heat from the broil element. Tender cuts of meat or marinated meat should be selected for broiling. For best results steaks and chops should be at least 3/4" thick.

After placing food on the broiler pan, put the pan on an oven rack in the proper position. The recommended rack position and cooking time can be found in the chart below.

The closer the food is to the broil element, the faster the meat browns on the outside, yet stays red to pink in the center. Moving the meat farther away from the element lets the meat cook to the center while browning outside. Side one should be cooked 1 - 2 minutes longer than side two.

Food	Rack Position 4 = Highest 1 = Lowest	Total Time (minutes)
Steak - 1" Thick		
Rare	4	9-11
Medium	3	13-15
Well Done	3	21-23
Ground Beef Pattles		
Medium-1" Thick	3	16-18
Medium-1/2" Thick	4	7-9
Lamb Chops – 1" Thick	3	18-21
Pork Chops - 1" Thick	3	27-29
Pork Chops - 1/2" Thick	3	16-18
Ham Slice – 1/2" Thick	3	11-12
Fish (Fillets)	3	11-13
Chicken (Pieces)	2	45-55
Frankfurters	3	8-11
Bacon	3	9-11

This chart is a general guide. The size, weight, thickness, and starting temperature of the food, as well as your own personal preference, will affect the cooking time. Times in the chart are based on the food being at refrigerator temperature.

TO SET BROIL:

- 1. Set the OVEN SET KNOB to BROIL.
- 2. Set the OVEN TEMP KNOB to BROIL.



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NEBRL27

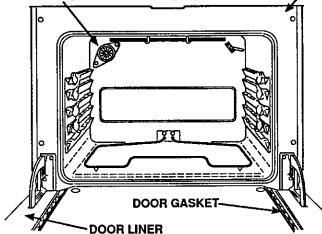
THE SELF-CLEAN CYCLE (3 HOURS - NORMAL CLEAN TIME)

BEFORE A CLEAN CYCLE

- 1. Remove the broller pan and grid, oven racks, all utensils and any foll that may be in the oven. Do not try to clean utensils or any other objects in the oven during a self-clean cycle. If oven racks are left in the range during a clean cycle, they will darken, lose their luster and become hard to slide. If you choose to leave the racks in the oven, you can polish the edges of the racks with steel wool and apply a small amount of vegetable oil to the rack edges after the self-clean cycle. This will make the racks easier to slide.
- 2. Soil on the oven front frame, under the front edge of the cooktop, the door liner outside the door gasket and the front edge of the oven cavity (about 1" into the oven) will not be cleaned during a clean cycle (see illustration below). Clean these areas by hand before starting a clean cycle.

Use hot water with a soap-filled steel wool pad. We recommend a cleanser such as 'Soft Scrub®' brand or a similar cleaning product to keep white surfaces looking clean and new. After cleaning, rinse well to help prevent a brown residue from forming when the oven is heated. Buff these areas dry with a dry cloth.

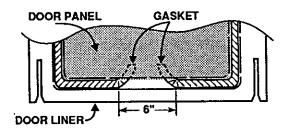




- 3. Wipe up heavy spillovers on the oven bottom. Too much soil may cause smoking during the clean cycle.
- 4. Do not rub the door gasket. The fiberglass material of the gasket has an extremely low resistance to abrasion. An intact and well fitting oven door gasket is essential for energy efficient oven operation and good baking results. If you notice the gasket becoming worn, frayed or damaged in any way or if it has become displaced on the door, you should replace the seal.

Please Note:

The door gasket is designed to have a 5"-6" gap at the bottom of the oven door. This is to allow for proper air circulation. See illustration at top of next column.

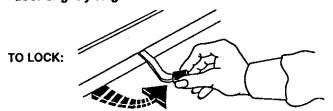


TO SET A CLEAN CYCLE

- 1. Set **DELAY START TIME KNOB** on the clock to the present time of day.
- Set the STOP TIME knob to the time of day when you want the clean cycle to end. Normal clean time is 3 hours.

Note: When STOP TIME is reached, the oven door will unlock *only* after the temperature is below locking temperature.

- 3. Turn OVEN SET KNOB to CLEAN.
- 4. Turn OVEN TEMP KNOB counterclockwise to CLEAN. Turn the knob all the way until it stops.
- Slide the door lock/unlock handle all the way to the right to lock the door. You may need to press on the door slightly to get it to lock.



TO INTERRUPT A CLEAN CYCLE:

- 1. Turn STOP TIME knob to the current time of day.
- 2. Allow sufficient time for cooling.

 Do not force the door lock handle. Slide door lock/
 unlock handle to left to unlock door.

WHEN A CLEAN CYCLE IS FINISHED:

- 1. STOP TIME will be the same as the time of day.
- 2. Allow sufficient time for cooling. Do not force the door lock handle. Slide door lock/unlock handle to left to unlock door.
- 3. Turn OVEN SET KNOB to "OFF". Turn OVEN TEMP KNOB clockwise.

AFTER A CLEAN CYCLE

After a clean cycle, you may notice some white ash in the oven. Just wipe it up with a damp cloth.

If white spots remain, scrub them with a soap-filled steel wool pad. Be sure to rinse thoroughly with a white vinegar and water mixture. These deposits are usually a salt residue that cannot be removed by the clean cycle. If the oven is not clean after one clean cycle, the cycle may be repeated.

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CLEANING TIPS

On the following pages, all removable parts on your range are shown. Refer to those pages when cleaning your range.

Warm water, a mild detergent and a soft cloth are safe to use on all cleanable parts of your range. Do not use metal_scouring pads, except where recommended.

PART	CLEANING MATERIALS	REMARKS	
CONTROL PANEL AND KNOBS	Detergent, warm water, soft cloth	Do not use abrasive cleaners. Knobs pull off for easier cleaning.	
GLASS .	Sears Cooktop Cleaning Creme® (Stock No. 40079) single-edge razor scraper, soft cloth Do Not use a dull or nicked razor blade on your cooktop. DO NOT USE ABRASIVES (SEE REMARKS) OS OS	Correct and consistent cleaning is essential to maintaining your cooktop. If soil, mineral deposits from evaporated water spills or metal rub-off from aluminum cookware are not removed, they will burn onto the cooktop and cause permanent discoloration. Be sure that the cooktop is cool before cleaning. Do not use cooktop cleaner on a hot surface. The fumes can be hazardous to your health and can chemically attack the cooktop. Wipe surface clean after each use. Do not use a dish cloth or sponge to wipe up the cooktop. They may leave a film of detergent which can discolor your cooktop when heated. If this happens, remove the film with the recommended cleaner. We recommend that you use paper towels or a clean cloth which is used only for cooktop cleaning. After the cooktop has cooled remove any crusty soil with the razor scraper. Hold the scraper at about a 30 angle to the cooktop and scrape of spot. Scrub cooktop with Sears Cooktop Cleaning Creme®. Rinse well and wiped dry. NEVER USE ANY ABRASIVE SCOUR ING PADS OR POWDERS ON YOUR COOKTOP. Plastic mesh pads, such as Doble®, may be used. See next page fo complete cleaning instructions.	
OVEN INTERIOR	Detergent, warm water and/or soap- filled steel wool pad; do not use oven cleaner in or around any part of the oven	Cleaning inside the oven need only indicated done as an optional touch-up between section cycles. Rinse oven interior the oughly after cleaning.	
OVEN DOOR GASKET	DO NOT CLEAN		
OVEN RACKS	Detergent, warm water, scouring pad or soap-filled steel wool pad	Remove from oven to clean. Rinse thoroughly.	
BROILER PAN AND GRID	Detergent, warm water, soap-filled scouring pad, plastic scouring pad, commercial oven cleaner (pan only)	Remove soiled pan from oven to cool. Drain fat or drippings. Fill pan with warm water Sprinkle grid with detergent and cover with damp cloth or paper towels. Let pan any grid soak for a few minutes. Rinse or scoulas needed. Dry well. Pan and grid may be washed in a dishwasher.	

GLASS-CERAMIC COOKTOP CLEANING

Cleaning of glass-ceramic cooktop is different from cleaning a standard porcelain finish.

To maintain and protect the surface of your new glass-ceramic cooktop follow these basic steps.

DAILY CLEANING:

Use only Cook Top Cleaning Creme® on Glass-Ceramic.

For normal, light soil:

- Rub a small amount of Cook Top Cleaning Creme® onto soiled area using a dry paper towel. Wipe until all soil and creme are removed. Frequent cleaning leaves a protective coating which is essential in preventing scratches and abrasions.
- 2. Clean surface with Cook Top Cleaning Creme® after each use.

For heavy, burned-on soil:

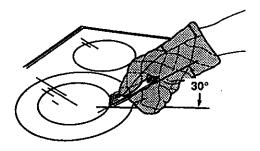
- 1. Apply a few drops of Cook Top Cleaning Creme® to the cool, soiled area.
- Using a dry paper towel, rub creme into the burnedon area.
- Carefully scrape remaining soil with razor scraper.
 Hold scraper at a 30° angle against the ceramic surface.
- 4. If any soil remains, repeat the steps listed above. For additional protection after all soil has been removed, polish the entire surface with the Cook Top Cleaning Creme®.

NOTE: Using a razor scraper will not damage the surface if the 30° angle is maintained. DO NOT use a dull or nicked razor blade on your cooktop. Store the razor scraper out of reach of children.

SPECIAL CARE:

Sugar spills (such as jellies, fudge, candy syrups) or melted plastic can cause pitting of the surface of your cooktop unless the spill is removed while still hot. Special care should be taken when removing hot substances. Follow these instructions carefully and remove soil while spill is still hot.

- 1. Turn off all cooking zones affected by the spill. Remove hot utensils.
- Wearing an oven mitt, hold the razor scraper at a 30° angle to the cooktop and scrape hot spill to a cool area outside the cooking zone.



3. With the spill in a cool area, use a dry paper towel to remove any excess. Any spill remaining should be left until the surface of the cooktop has cooled. Do not continue to use the soiled cooking zone until all of the spill has been removed. Follow the steps under Heavy Soil to continue the cleaning process.

GENERAL INFORMATION:

As the Cook Top Cleaning Creme® cleans, it leaves a protective coating on the cooktop surface. This coating helps prevent buildup of mineral deposits (water spots) and will make future cleaning easier. Dishwasher detergents remove this protective coating and therefore make the cooktop more susceptible to staining.

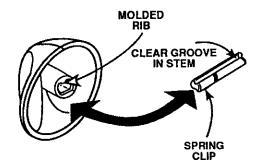
PRECAUTIONS:

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- Most cleaners contain ammonia, chemicals and abrasives which can damage the surface of your cooktop.
 Use only the Cook Top Cleaning Creme® for proper cleaning and protection of your glass-ceramic surface.
- If you slide aluminum or copper cookware across the surface of your cooktop, they may leave metal markings which appear as scratches. If this should happen, use the razor scraper and Cook Top Cleaning Creme® to remove these markings. Failure to remove this residue immediately may leave permanent marks.
- If pots with a thin overlay of aluminum, copper, or enamel are allowed to boil dry, the overlay may bond with the glass-ceramic and leave a black discoloration. This should be removed immediately before heating again or the discoloration may be permanent.
- Use of window cleaner may leave an iridescent film on the cooktop. Cook Top Cleaning Creme® will remove this discoloration.
- Water stains (mineral deposits) are removable using Cook Top Cleaning Creme® or full strength white vinegar.

NECCH60

REMOVABLE KNOBS



All control knobs may be removed for easy cleaning by pulling the knob straight off the stem. Be sure that the knob is in the OFF position before removal.

Hint: Slip a thin cloth (such as a handkerchief) or a piece of string under and around the knob edge and pull straight off.

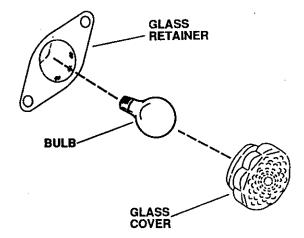
Caution: Read these instructions carefully before replacing the knobs. Replacing the knobs improperly will damage the knobs and the spring clips on the stems. If this happens, the knobs will fit loosely.

To replace the knob:

- The knob stem has a groove in each side. The groove on one side has a spring clip. The other groove is clear (see illustration).
- 2. Check the inside of the knob and find the molded rib.
- 3. Replace the knob by fitting the molded rib inside the knob into the clear groove on the stem.

Note: Be sure to replace knobs on the correct stems.

REPLACING THE OVEN LIGHT



Be sure that the light switch is in the off position. Do not touch hot oven bulb. Do not touch oven bulb with wet hands. Do not wipe oven light area with wet cloth.

Never touch the electrically live collar on the bulb when replacing it.

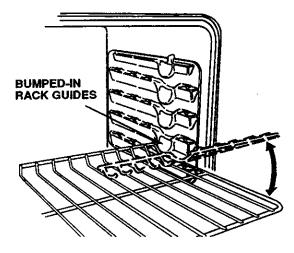
Electrical power must be shut off if you have to replace a broken bulb.

- 1. Unscrew glass cover and remove.
- 2. Replace the bulb with a 40 watt appliance bulb.
- 3. Replace the cover.

Note: We recommend you use a 40 watt appliance bulb that is no longer than 3 1/2".

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REMOVABLE OVEN RACKS



Be careful not to scratch the oven finish when installing or removing oven racks.

To install:

- 1. Set the raised back edge of the rack on a pair of rack guides.
- 2. Push the rack in until you reach the bump in the rack guide, then lift the front of the rack and push the rack all the way in.

To remove:

1. Pull the oven rack out, then up.

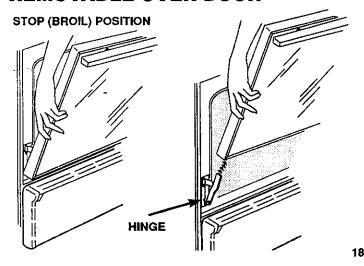
Some models have one standard oven rack and one folding oven rack. The folding rack can be easily stored away when not in use.

NOTE:

The racks are designed with stop locks. When the racks are placed correctly on the rack support and extended from the oven, the stop lock prevents the racks from tilting when you are removing food from the racks or placing food on them.

For more information, see Self-Clean Section.

REMOVABLE OVEN DOOR



To remove:

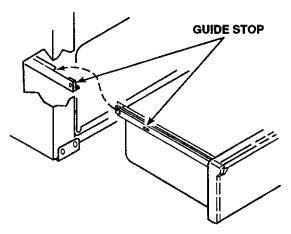
- 1. Open the door to the stop position (see illustration).
- 2. Grasp the door at each side and lift up and off the hinges. **DO NOT** lift the door by the handle.

NOTE: When the door is removed and hinge arms are at stop position, do not bump or try to move the hinge arms. The hinges could snap back causing an injury to the hands or damage to the porcelain on the front of the range. Cover the hinges with toweling or empty towel rolls while working in the oven area.

To replace:

- Hold the door over the hinges with the slots at the bottom edge of the door lined up with the hinges.
 The hinge arms must still be in the stop position.
- 2. Slide the door down onto the hinges as far as it will go and close the door.

REMOVABLE STORAGE DRAWER



This drawer gives you space for keeping cookware and bakeware. Plastics and flammable material should not be kept in this drawer.

Do not overload the storage drawer. If the drawer is too heavy, it may slip off the track when opened. To open the drawer, grasp the center of the handle and pull straight out.

To remove: Pull drawer straight out and lift over the guide stops.

To replace: Lift over the guide stops and slide drawer into place.

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BEFORE CALLING FOR SERVICE

PROBLEM	POSSIBLE CAUSE	DON'T CALL FOR SERVICE UNTIL YOU CHECK
TINY SCRATCHES OR ABRASIONS ON COOKTOP (MAY APPEAR AS TINY SCRATCHES)	 Use of incorrect cleaning materials Coarse particles (salt, etc.) between cookware bottoms and cooktop. Be sure cookware bottoms and cooktop are clean before use. 	Tiny scratches are not removable and do not affect cooking. In time, the scratches will become smoother and less visible.
	Cookware with rough bottomsSliding or scraping metal uten-	Use recommended cooktop cleaners.
 METAL MARKING ON COOKTOP (MAY APPEAR AS TINY SCRATCHES) 	sils and cookware across cooktop	
DARK STREAKS AND SPECKS ON COOKTOP	Encrusted boilovers or grease spatters	 Use razor scraper and follow directions in cleaning chart.
	Incorrect cleaning materials	 Use recommended cleaners in cleaning chart.
AREAS OF DISCOLORATION ON COOKTOP	Mineral deposits from water or food	Use recommended cleaners.
• RANGE DOES NOT WORK; TOTALLY	No power to range	Check household circuit breaker or fuse.
INOPERATIVE		Check power cord to be sure it is plugged in.
· OVEN DOES NOT	Clock set incorrectly	Check clock instructions.
HEAT; COOKTOP Zones ok	Oven controls set incorrectly	Check oven control instructions.
COOKTOP ZONE DOES NOT WORK; OVEN OK	Improper operation of control	Be sure knob is pushed in while turning.
FOODS COOK SLOWLY ON THE COOKTOP	Improper cookware	Use pans that have flat bottoms and a tight fitting lid (if applicable). Pans should mate cooking zone size. Read the cooktop cooking section for complete information.
FOODS DO NOT BAKE PROPERLY	Oven not preheated long enough	Be sure to preheat: Until notification tone sounds, or at least 10 minutes. Maintain uniform air space around par
	Improper rack or pan place- ment	and utensils; see oven cooking section.
	Oven vent blocked or covered	Keep vent area clear.
	- Improper use of foil	See page 13 for proper usage. Paduse temperature 25 degrees for glasses.
	Improper temperature setting for utensil used	Reduce temperature 25 degrees for glassor dull/darkened pans.
	Recipe not followed	is recipe tested and reliable?
	Improper thermostat calibration	 Check oven temperature adjustment pr cedures.
	Range and oven rack not level	Check the installation instructions for le eling.
	Using improper cookware	See cooking hints section.

BEFORE CALLING FOR SERVICE (CONTINUED)

PROBLEM	POSSIBLE CAUSE	DON'T CALL FOR SERVICE UNTIL YOU CHECK
OVEN TEMPERA- TURE SEEMS INACCURATE	Thermostat Calibration	 See adjustments described following this section.
FAN COMES ON DURING BAKE, BROIL OR CLEAN	This is normal operation of a fan designed to cool the range's Internal components	 Fan should turn OFF after the internal components have cooled.
FOODS DO NOT BROIL PROPERLY	 Improper rack position Oven preheated Improper utensil used Oven door closed during broil Improper broiling time 	 Check broil pan placement. See broiling section. Do not preheat when broiling. Use broiler pan and grid supplied with range. Open door to broil stop position; see removable oven door section. Check broiling chart in broiling section.
• OVEN SMOKES	 Dirty oven Improper use of aluminum foil Broiler pan containing grease left in oven 	 Check for heavy spillover. See page 13 for proper usage. Clean pan and grid after each use.
OVEN OR WORK LIGHT DOES NOT WORK (IF EQUIPPED)	Light switch in off position Light bulb or fluorescent light starter burned out	 Check switch setting; see operating instructions. Check or replace light bulb; see instructions. If work light does not work after replacing bulb, replace starter; see instructions.
OVEN DOES NOT CLEAN OR POOR CLEANING RESULTS (SELFCLEAN MODELS ONLY)	 Controls not set properly Clean cycle interrupted too soon Oven too dirty 	 Check self-clean instructions. Heavily soiled ovens require a 3 hour clean cycle. Heavy spillovers should be removed before setting clean cycle. Repeat clean cycle.
OVEN DOOR WILL NOT UNLOCK (SELF-CLEAN MODELS ONLY)	Clean cycle not complete	Oven must cool below lock temperature.
• OVEN EMITS ODOR	 Oven insulation may emit odor during first few usages Failure to wipe out excess soil prior to self-clean cycle 	 Put oven through self-clean cycle to speed up process of odor "wearing off." Wipe excess soil off before beginning self-clean cycle.

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"DO IT YOURSELF" TEMPERATURE ADJUSTMENTS

You may feel that your new oven cooks differently than the oven it replaced. We recommend that you use your new oven a few weeks to become more familiar with it, following the times given in your recipes as a guide.

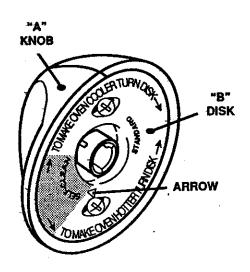
If you think your new oven is too hot (burning foods) or not hot enough (foods are undercooked) you can adjust the temperature yourself. The appearance and texture of foods are better indicators of oven accuracy than an inexpensive oven thermometer. We do not recommend the use of inexpensive thermometers, such as those found in grocery stores, to check the temperature setting of your new oven. These thermometers can vary by 20-40 degrees. In addition, the oven door must be opened to read these thermometers. Opening the door will change the temperature of the oven.

To decide how much to change the temperature, set the oven temperature 25°F higher (if foods are undercooked) or 25°F lower (if foods are burning) than the temperature in your recipe, then bake. The results of this "test" should give you an idea of how much the temperature should be changed.

To adjust knob:

- Turn OVEN SET KNOB to "OFF" and remove the knob by pulling straight off.
- Look at the back of the knob. The arrow pointing to the center of the bottom screw indicates the original factory setting.
- Use a screwdriver to loosen the two screws about 2 turns each.
- 4. Hold the knob handle (A on Illustration) while turning the disk (B on Illustration) in the desired direction to increase or decrease the temperature. (See Illustration below for "Self-Clean Thermostat.") As you turn, you should be able to hear clicks and feel notches or teeth. Each click or notch is 15°F. You can turn up to 2 clicks or notches in either direction.
- 5. When you reach the desired adjustment, retighten both screws.

(See illustration below—use the arrows in the gray area to make your temperature adjustment.)



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KENMORE ELECTRIC RANGE WARRANTY

Dear Customer:

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Our constant efforts are directed toward making sure your new Kenmore Range will arrive at your home in perfect condition and will give you proper performance. As part of these efforts, we feel it is our responsibility to provide you with this warranty for your range.



FULL ONE YEAR WARRANTY ON THE FUNCTIONING OF ALL PARTS EXCEPT GLASS PARTS

If, within one year from the date of installation, any part, other than a glass part, fails to function properly due to a defect in material or workmanship, Sears will repair or replace it, free of charge.

FULL 30-DAY WARRANTY ON GLASS PARTS AND FINISH OF PORCE-LAIN ENAMEL, PAINTED OR BRIGHT METAL FINISHED PARTS

If, within 30 days from the date of installation, any glass part or the finish on any porcelain enamel, painted or bright metal part is defective in material or workmanship, Sears will replace the part, free of charge.

FULL 90-DAY WARRANTY ON MECHANICAL ADJUSTMENTS

For 90 days from the date of installation, Sears will provide, free of charge, any mechanical adjustments necessary for proper operation of the range, except for normal maintenance.

If the range is subjected to other than private family use, the above warranty coverage is effective for only 90 days.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES

This warranty applies only while this product is in use in the United States:
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SEARS, ROEBUCK and CO.

Dept. 731 CR-W Sears Tower Chicago, IL 60684

WE SERVICE WHAT WE SELL

"We Service What We Sell" is our assurance to you that you can depend on Sears for service because Sears service is nationwide.

Your Kenmore Range has added value when you consider that Sears has a service unit near you staffed by Sears trained technicians... professional technicians specifically trained on Sears appliances, having the parts, tools and equipment to ensure that we meet our pledge to you — "We Service What We Sell!"

TO FURTHER ADD TO THE VALUE OF YOUR RANGE, BUY A SEARS MAINTENANCE AGREEMENT.

Kenmore Ranges are designed, manufactured and tested for years of dependable operation. Yet, any modern appliance may require service from time to time. The Sears Warranty plus the Sears Maintenance Agreement provides protection from unexpected repair bilis and assures you of enjoying maximum range efficiency.

Here's a comparative warranty and Maintenance Agreement chart showing you the benefits of a Sears Range Maintenance Agreement.

Years	of Ownership Coverage	1st Year	2nd Year	3rd Year
1	Replacement of Defective Parts other than Porcelain or Glass	W	MA	MA
2	Mechanical Adjustment	90 DAYS	MA	МА
3	Porcelain and Glass Parts	30 DAYS	MA	MA
4	Annual Preventive Mainten- ance Check at your request	MA	MA	MA

W - Warranty MA - Maintenance Agreement

CONTACT YOUR SEARS SALESPERSON OR LOCAL SEARS SERVICE CENTER TODAY AND PURCHASE A SEARS MAINTENANCE AGREEMENT.

Kenmore® America's Best Selling Appliance Brand

Sold by SEARS, ROEBUCK AND CO., Chicago, IL 60684