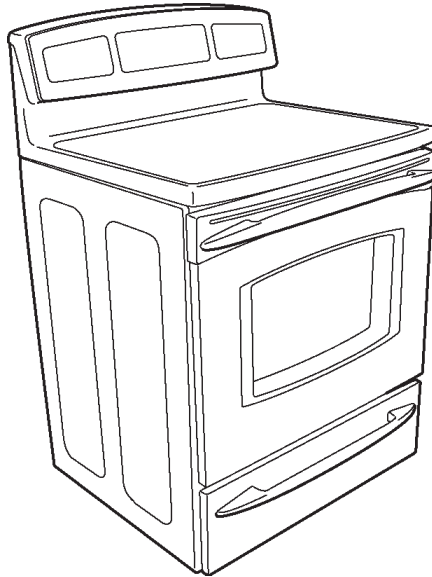




*GE Consumer Products*

# TECHNICAL SERVICE GUIDE

## 30-In. Radiant Free Standing Range



### MODEL SERIES:

**JB905**

**JB968**

**JB988**





### **IMPORTANT SAFETY NOTICE**

The information in this service guide is intended for use by individuals possessing adequate backgrounds of electrical, electronic, and mechanical experience. Any attempt to repair a major appliance may result in personal injury and property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

### **WARNING**

To avoid personal injury, disconnect power before servicing this product. If electrical power is required for diagnosis or test purposes, disconnect the power immediately after performing the necessary checks.

### **RECONNECT ALL GROUNDING DEVICES**

If grounding wires, screws, straps, clips, nuts, or washers used to complete a path to ground are removed for service, they must be returned to their original position and properly fastened.

***GE Consumer Products***  
*Technical Service Guide*  
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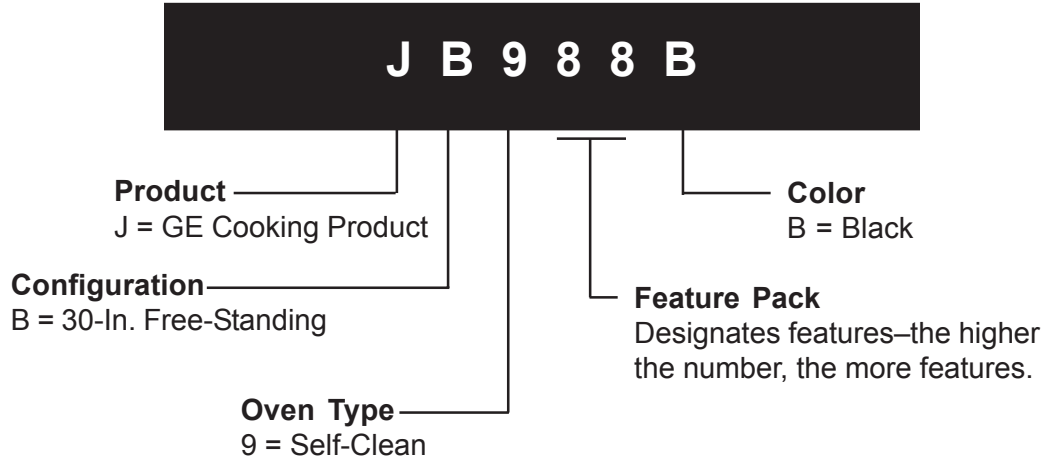
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# Nomenclature

## Model Number



The nomenclature plate is located on the oven frame above the storage drawer.

In addition to the model and serial numbers, this plate shows the power ratings of the electrical supply circuit for dual fuel models, the ratings of the burners, and the type of fuel and pressure the cooktop was adjusted for when it left the factory.

The mini-manual is taped to the inside of the drawer cavity.

## Serial Number

The first two numbers of the serial number identify the month and year of manufacture.

*Example:* **AA123456S** = January, 2001

|                |                 |
|----------------|-----------------|
| <b>A</b> - JAN | 2005 - H        |
| <b>D</b> - FEB | 2004 - G        |
| <b>F</b> - MAR | 2003 - F        |
| <b>G</b> - APR | 2002 - D        |
| <b>H</b> - MAY | 2001 - <b>A</b> |
| <b>L</b> - JUN | 2000 - Z        |
| <b>M</b> - JUL | 1999 - V        |
| <b>R</b> - AUG | 1998 - T        |
| <b>S</b> - SEP | 1997 - S        |
| <b>T</b> - OCT | 1996 - R        |
| <b>V</b> - NOV | 1995 - M        |
| <b>Z</b> - DEC | 1994 - L        |

The letter designating the year repeats every 12 years.

*Example:*  
**T - 1974 T - 1986**

# Installation Requirements

Installation information is for reference only. See the Installation Instructions shipped with the product for complete details and before attempting to install the range.

## Power Supply

This appliance must be supplied with proper voltage and frequency, connected to an individually grounded branch circuit, and protected by a circuit breaker or time delay fuse as noted on rating plate.

Wiring must conform to the National Electrical Codes.

## Grounding Specifications

|                        |       |      |
|------------------------|-------|------|
| Ground Path Resistance | 0.10W | Max. |
| Insulation Resistance  | 250KW | Min. |

## Over Current Protection Ratings

### JB988

| NEC Rating | Maximum Kilowatt Rating |      |      |
|------------|-------------------------|------|------|
|            | 208V                    | 236V | 240V |
| 35 Amp     | -                       | 12.4 | 12.4 |
| 40 Amp     | 12.4                    | 15.4 | 16.0 |
| 50 Amp     | 17.4                    | 21.4 | 22.0 |

### JB968

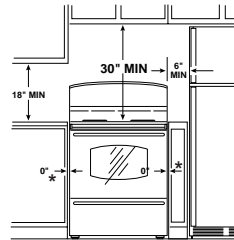
| NEC Rating | Maximum Kilowatt Rating |      |      |
|------------|-------------------------|------|------|
|            | 208V                    | 236V | 240V |
| 35 Amp     | 9.5                     | 10.7 | 10.9 |
| 40 Amp     | 10.6                    | 12.2 | 12.4 |
| 50 Amp     | 13.4                    | 15.2 | 15.5 |

### JB905

| NEC Rating | Maximum Kilowatt Rating |      |      |
|------------|-------------------------|------|------|
|            | 208V                    | 236V | 240V |
| 35 Amp     | 8.8                     | 10.0 | 10.2 |
| 40 Amp     | 10.1                    | 11.4 | 11.6 |
| 50 Amp     | 12.6                    | 14.3 | 14.5 |

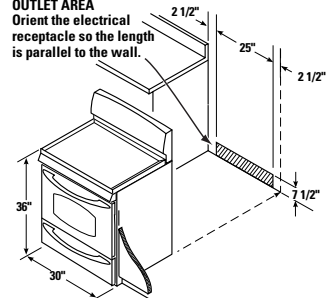
## Minimum Clearances

Recommended Spacing to Heat Sensitive Surfaces.



MINIMUM DIMENSIONS BETWEEN COOKTOP AND WALLS ABOVE COOKTOP.

ACCEPTABLE ELECTRICAL OUTLET AREA. Orient the electrical receptacle so the length is parallel to the wall.

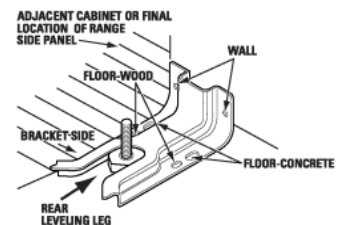


NOTE: Use a 4 foot power cord to prevent interference with the storage drawer. Power cords 4.5 or 6 foot long may have to be dressed to allow for proper drawer closing.

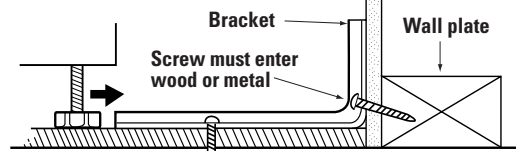
## Anti-Tip Brackets

**WARNING:** All ranges can tip causing injury. Install anti-tip brackets packed with range.

Brackets should be attached to the floor or wall to hold the right or left rear leg leveler. Make sure leg leveler re-engages the bracket when range is moved for any reason.



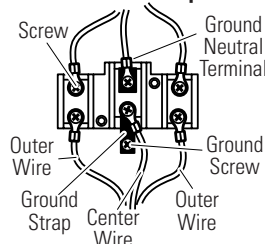
Attachment to wall and floor



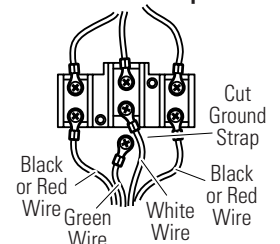
## 4-Conductor Connections

Effective January 1, 1996, the National Electrical Code requires that new or rewired construction utilize 4-conductor connections to electric ranges.

### 3 Wire Hook-Up

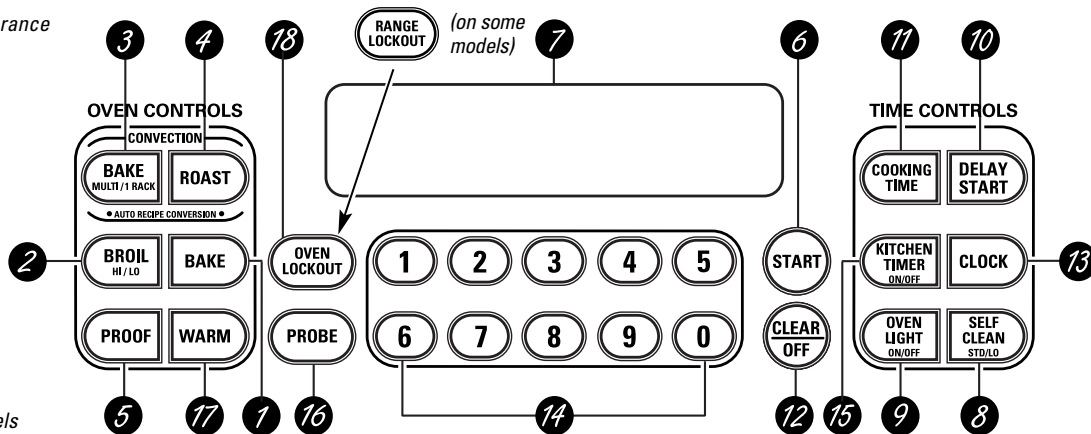


### 4 Wire Hook-Up



# Control Features

Features and appearance may vary.



On some models



## Oven Control, Clock and Timer Features and Settings

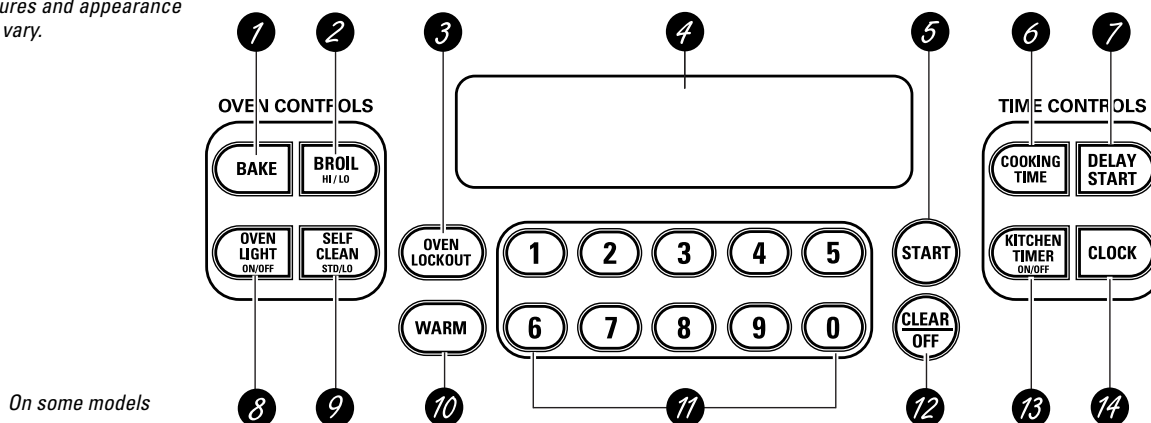
- 1 BAKE Pad**  
Touch to select the bake function.
- 2 BROIL HI/LO Pad**  
Touch to select the broil function.
- 3 CONVECTION BAKE Pad**  
Touch to select baking with the convection function.
- 4 CONVECTION ROAST Pad**  
Touch to select roasting with the convection function.
- 5 PROOF Pad**  
Touch to select a warm environment useful for rising yeast-leavened products.
- 6 START Pad**  
Must be touched to start any cooking or cleaning function.
- 7 Display**  
Shows the time of day, oven temperature, whether the oven is in the bake, broil or self-cleaning mode and the times set for the timer or automatic oven operations.
- 8 SELF CLEAN STD/LO Pad**  
Touch to select self-cleaning function. See the *Using the self-cleaning oven* section.
- 9 OVEN LIGHT ON/OFF Pad**  
Touch to turn the oven light on or off.
- 10 DELAY START Pad**  
Use along with **COOKING TIME** or **SELF CLEAN STD/LO** pads to set the oven to start and stop automatically at a time you set.
- 11 COOKING TIME Pad**  
Touch and then touch the number pads to set the amount of time you want your food to cook. The oven will shut off when the cooking time has run out.
- 12 CLEAR/OFF Pad**  
Touch to cancel **ALL** oven operations except the clock and timer.
- 13 CLOCK Pad**  
Touch before setting the clock.
- 14 Number Pads**  
Use to set any function requiring numbers such as the time of day on the clock, the timer, the oven temperature, the internal food temperature, the start time and length of operation for timed baking and self-cleaning.
- 15 KITCHEN TIMER ON/OFF Pad**  
Touch to select the timer feature.
- 16 PROBE Pad**  
Touch when using the probe to cook food.
- 17 WARM Pad**  
Touch to keep cooked foods warm. See the *How to Set the Oven for Warming* section.
- 18 OVEN or RANGE LOCKOUT Pad**  
Touch, then touch **START** to lock/unlock the range touch pad controls.

**If "F- and a number or letter" flash in the display and the oven control signals, this indicates a function error code.** Touch the **CLEAR/OFF** pad. Allow the oven to cool for one hour. Put the oven back into operation. If the function error code repeats, disconnect the power to the oven and call for service.

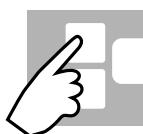
**If your oven was set for a timed oven operation and a power outage occurred, the clock and all programmed functions must be reset.**

**The time of day will flash in the display when there has been a power outage.**

Features and appearance may vary.



On some models



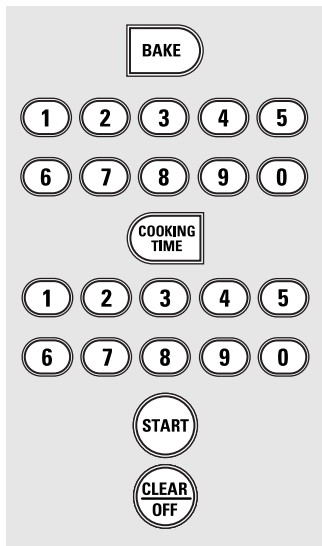
## Oven Control, Clock and Timer Features and Settings

- 1** **BAKE Pad**  
Touch to select the bake function.
- 2** **BROIL HI/LO Pad**  
Touch to select the broil function.
- 3** **OVEN LOCKOUT Pad**  
Touch, then touch **START** to lock/unlock the range touch pad controls.
- 4** **Display**  
Shows the time of day, oven temperature, whether the oven is in the bake, broil or self-cleaning mode and the times set for the timer or automatic oven operations.
- 5** **START Pad**  
Must be touched to start any cooking or cleaning function.
- 6** **COOKING TIME Pad**  
Touch and then touch the number pads to set the amount of time you want your food to cook. The oven will shut off when the cooking time has run out.
- 7** **DELAY START Pad**  
Use along with **COOKING TIME** or **SELF CLEAN STD/LO** pads to set the oven to start and stop automatically at a time you set.
- 8** **OVEN LIGHT ON/OFF Pad**  
Touch to turn the oven light on or off.
- 9** **SELF CLEAN STD/LO Pad**  
Touch to select self-cleaning function. See the *Using the self-cleaning oven* section.
- 10** **WARM Pad**  
Touch to keep cooked foods warm. See the *How to Set the Oven for Warming* section.
- 11** **Number Pads**  
Use to set any function requiring numbers such as the time of day on the clock, the timer, the oven temperature, the internal food temperature, the start time and length of operation for timed baking and self-cleaning.
- 12** **CLEAR/OFF Pad**  
Touch to cancel **ALL** oven operations except the clock and timer.
- 13** **KITCHEN TIMER ON/OFF Pad**  
Touch to select the timer feature.
- 14** **CLOCK Pad**  
Touch before setting the clock.

**If “F– and a number or letter” flash in the display and the oven control signals, this indicates a function error code.** Touch the **CLEAR/OFF** pad. Allow the oven to cool for one hour. Put the oven back into operation. If the function error code repeats, disconnect the power to the oven and call for service.

**If your oven was set for a timed oven operation and a power outage occurred, the clock and all programmed functions must be reset.**

**The time of day will flash in the display when there has been a power outage.**



## How to Set an Immediate Start and Automatic Stop

The oven will turn on immediately and cook for a selected length of time. At the end of the cooking time the oven will turn off automatically.

- 1 Touch the **BAKE** pad.
- 2 Touch the number pads to set the desired oven temperature.
- 3 Touch the **COOKING TIME** pad.

**NOTE:** If your recipe requires preheating, you may need to add additional time to the length of the cooking time.

- 4 Touch the number pads to set the desired length of cooking time. The minimum cooking time you can set is 1 minute.

The oven temperature that you set and the cooking time that you entered will be in the display.

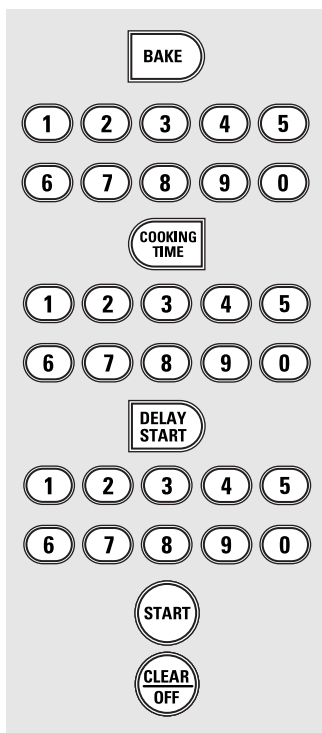
- 5 Touch the **START** pad.

**NOTE:** An attention tone will sound if you are using timed baking and do not touch the **START** pad.

The oven will turn **ON**, and the display will show the cooking time countdown and the changing temperature starting at 100°F. (The temperature display will start to change once the oven temperature reaches 100°F.) When the oven reaches the temperature you set, 3 beeps will sound.

The oven will continue to cook for the set amount of time, then turn off automatically, unless the **WARM** feature was set. See the *How to Set the Oven for Warming* section.

- 6 Touch the **CLEAR/OFF** pad to clear the display if necessary. Remove the food from the oven. Remember, even though the oven turns off automatically, food left in the oven will continue cooking after the oven turns off.



## How to Set a Delayed Start and Automatic Stop

The oven will turn on at the time of day you set, cook for a specific length of time and then turn off automatically.

Make sure the clock shows the correct time of day.

- 1 Touch the **BAKE** pad.
- 2 Touch the number pads to set the desired oven temperature.
- 3 Touch the **COOKING TIME** pad.

**NOTE:** If your recipe requires preheating, you may need to add additional time to the length of the cooking time.

- 4 Touch the number pads to set the desired length of cooking time. The minimum cooking time you can set is 1 minute.

The oven temperature that you set and the cooking time that you entered will be in the display.

- 5 Touch the **DELAY START** pad.
- 6 Touch the number pads to set the time of day you want the oven to turn on and start cooking.
- 7 Touch the **START** pad.

**NOTE:** An attention tone will sound if you are using timed baking and do not touch the **START** pad.

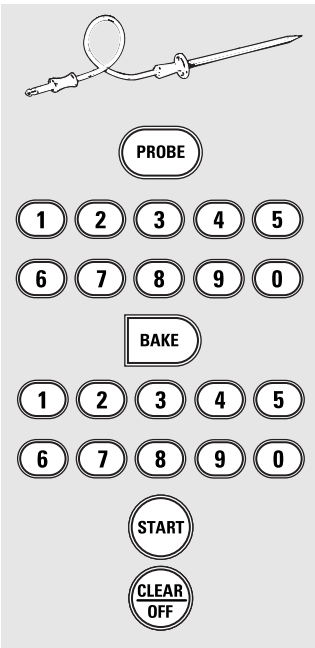
**NOTE:** If you would like to check the times you have set, touch the **DELAY START** pad to check the start time you have set or touch the **COOKING TIME** pad to check the length of cooking time you have set.

When the oven turns **ON** at the time of day you set, the display will show the cooking time countdown and the changing temperature starting at 100°F. (The temperature display will start to change once the oven temperature reaches 100°F.) When the oven reaches the temperature you set, beeps will sound.

The oven will continue to cook for the set amount of time, then turn off automatically, unless the **WARM** feature was set. See the *How to Set the Oven for Warming* section.

- 8 Touch the **CLEAR/OFF** pad to clear the display if necessary. Remove the food from the oven. Remember, even though the oven turns off automatically, food left in the oven will continue cooking after the oven turns off.





### How to Set the Oven For Baking/Roasting When Using the Probe (on some models)

- 1 Insert the probe fully into the food.
- 2 Plug the probe into the outlet in the oven. Make sure it's pushed all the way in. Close the oven door. Make sure the probe cable is not touching the broil element.
- 3 Touch the **PROBE** pad.
- 4 Touch the number pads to set the desired internal food or meat temperature. The maximum internal temperature for the food that you can set is 200°F.
- 5 Touch the **BAKE** pad.
- 6 Touch the number pads to set the desired oven temperature.
- 7 Touch the **START** pad.

The display will flash if the probe is inserted into the outlet and you have not set a probe temperature and touched the **START** pad.

After the internal temperature of the food reaches 100°F, the changing internal temperature will be shown in the display.

- 8 When the internal temperature of the food reaches the number you have set, the probe and the oven turn off and the oven control signals. To stop the signal, touch the **CLEAR/OFF** pad. Use hot pads to remove the probe from the food. Do not use tongs to pull on it—they might damage it.

■ If the probe is removed from the oven while probe cooking, the oven will not automatically turn off.

To change the oven temperature during the Bake/Roast cycle, touch the **BAKE** pad and then the number pads to set the new temperature.

■ You can use the Kitchen Timer even though you cannot use timed oven operations while using the probe.



Make sure the clock is set to the correct time of day.

### To Set the Clock

The clock must be set to the correct time of day for the automatic oven timing functions to work properly. The time of day cannot be changed during a timed baking or self-cleaning cycle.

- 1 Touch the **CLOCK** pad.
- 2 Touch the number pads.
- 3 Touch the **START** pad.



The Kitchen Timer is a minute timer only. The Kitchen Timer does not control oven operations. The maximum setting on the Kitchen Timer is 9 hours and 59 minutes.

### To Set the Kitchen Timer

- 1 Touch the **KITCHEN TIMER ON/OFF** pad.
- 2 Touch the number pads until the amount of time you want shows in the display. For example, to set 2 hours and 45 minutes, touch **2**, **4** and **5** in that order. If you make a mistake touch the **KITCHEN TIMER ON/OFF** pad and begin again.

- 3 Touch the **START** pad. After touching the **START** pad, **SET** disappears; this tells you the time is counting down, although

the display does not change until one minute has passed. Seconds will not be shown in the display until the last minute is counting down.

- 4 When the Kitchen Timer reaches **:00**, the control will beep 3 times followed by one beep every 6 seconds until the **KITCHEN TIMER ON/OFF** pad is touched.

The 6-second tone can be canceled by following the steps in the Special features of your oven control section under Tones at the End of a Timed Cycle.



## Oven or Range Lockout (depending on model)

Your control will allow you to lock out the touch pads so they cannot be activated when pressed.

To lock/unlock the touch pad controls:

- 1 Touch the **OVEN LOCKOUT** or **RANGE LOCKOUT** pad, then touch the **START** pad.

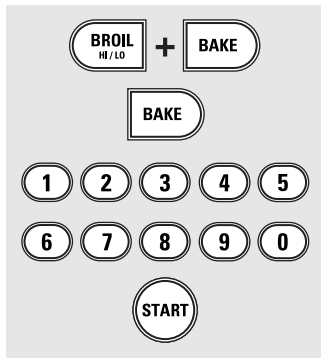
The surface unit displays (on models so equipped) will show **LC** and the oven display will show **Loc On** for several seconds, then they will go blank until a cooking pad is touched.

- 2 To unlock the control, touch the **OVEN LOCKOUT** or **RANGE LOCKOUT** pad, then touch the **START** pad.

If the range control is locked and a cooking pad is touched, the appropriate surface display (on models so equipped) or the oven display will show that the control is locked.

- On models with **OVEN LOCKOUT** only, the oven will be locked out. The knob-controlled surface units will still be active.
- The **RANGE LOCKOUT** mode affects all touch pads. No touch pads will work when this feature is activated.

**NOTE:** This adjustment will only affect baking and roasting temperatures; it will not affect broiling, convection or self-cleaning temperatures. The adjustment will be retained in memory after a power failure.



## To Adjust the Thermostat

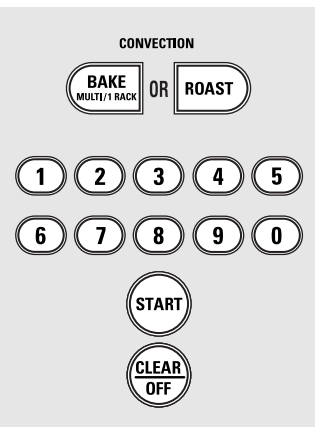
- 1 Touch the **BROIL HI/LO** and **BAKE** pads at the same time for 3 seconds until the display shows **SF**.

- 2 Touch the **BAKE** pad. A two digit number shows in the display.

Touch **BAKE** again to alternate between increasing and decreasing the oven temperature.

- 3 The oven temperature can be adjusted up to (+) 35°F hotter or (-) 35°F cooler. Touch the number pads the same way you read them. For example, to change the oven temperature 15°F, touch **1** and **5**.

- 4 When you have made the adjustment, touch the **START** pad to go back to the time of day display. Use your oven as you would normally.



## How to Set the Oven for Convection Baking or Roasting

- 1 Touch the **CONVECTION BAKE MULTI/1 RACK** pad once for multi-rack convection baking. This mode is used for cooking food items on more than one rack (i.e., 2, 3 or more racks) at the same time in convection bake. See the *Multi-Rack Convection Baking* section for more information.

Touch the **CONVECTION BAKE MULTI/1 RACK** pad twice for one rack convection baking. This mode is used for cooking food items on only one rack in convection bake.

Touch the **CONVECTION ROAST** pad for convection roasting.

- 2 Touch the number pads to set the oven temperature.

- 3 Touch the **START** pad.

**NOTE:** If the Auto Recipe™ Conversion Feature is on, it will automatically reduce the set regular baking temperature by 25°F to the appropriate

convection temperature. See *Auto Recipe™ Conversion* in the *Special Features* section.

To change the oven temperature, touch the **CONVECTION BAKE MULTI/1 RACK** or **CONVECTION ROAST** pad and then the number pads to set the new temperature.

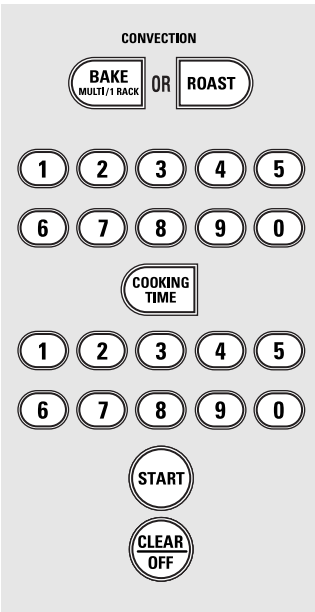
When the oven starts to heat, the changing temperature, starting at 100°F, will be displayed. When oven reaches the temperature you set, 3 beeps will sound.

- 4 Touch **CLEAR/OFF** pad when finished.

■ You will hear a fan while cooking with convection. The fan will stop when the door is opened, but the heat will not turn off.

■ You may hear the oven clicking during baking. This is normal.

■ In convection bake modes, for maximum cooking evenness, the fan is designed to rotate in both directions, with a pause in between. This is normal.



## How to Set an Immediate Start and Automatic Stop

The oven will turn on immediately and cook for a selected length of time. At the end of the cooking time, the oven will turn off automatically.

Make sure the clock shows the correct time of day.

- 1 Touch the **CONVECTION BAKE MULTI/1 RACK** pad once for multi-rack convection baking. This mode is used for cooking food items on more than one rack (i.e., 2, 3 or more racks) at the same time in convection bake. See *Multi-Rack Baking* section for more information.

Touch the **CONVECTION BAKE MULTI/1 RACK** pad twice for one rack convection baking. This mode is used for cooking food items on only one rack in convection bake.

Touch the **CONVECTION ROAST** pad for convection roasting.

- 2 Touch the number pads to set the oven temperature.

- 3 Touch the **COOKING TIME** pad.

**NOTE:** If your recipe requires preheating, you may need to add additional time to the length of the cooking time.

- 4 Touch the number pads to set the desired length of cooking time. The minimum cooking time you can set is 1 minute. The oven temperature that you set and the cooking time that you entered will be in the display.

- 5 Touch the **START** pad.

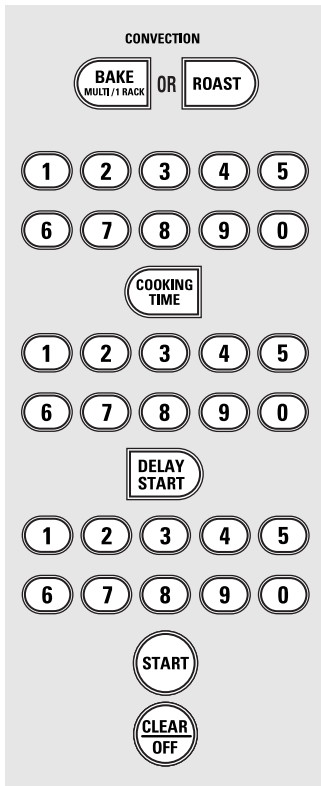
The oven will turn **ON**, and the display will show the cooking time countdown and the changing temperature starting at 100°F. (The temperature display will start to change once the oven temperature reaches 100°F.) When the oven reaches the temperature you set, 3 beeps will sound.

**NOTE:** If the Auto Recipe™ Conversion Feature is on, it will automatically reduce the set regular baking temperature by 25°F to the appropriate convection temperature. See Auto Recipe™ Conversion in the Special Features section.

The oven will continue to cook for the set amount of time, then turn off automatically, unless the WARM feature was set. See the *How to Set the Oven for Warming* section.

After the oven turns off, the end-of-cycle tone will sound.

- 6 Touch the **CLEAR/OFF** pad to clear the display if necessary. Remove the food from the oven. Remember, even though the oven turns off automatically, food left in the oven will continue cooking after the oven turns off.



## How to Set a Delayed Start and Automatic Stop

The oven will turn on at the time of day you set, cook for a specific length of time and then turn off automatically.

Make sure the clock shows the correct time of day.

- 1 Touch the **CONVECTION BAKE MULTI/1 RACK** pad once for multi-rack convection baking. This mode is used for cooking food items on more than one rack (i.e., 2, 3 or more racks) at the same time in convection bake. See *Multi-Rack Baking* section for more information.

Touch the **CONVECTION BAKE MULTI/1 RACK** pad twice for one rack convection baking. This mode is used for cooking food items on only one rack in convection bake.

Touch the **CONVECTION ROAST** pad for convection roasting.

- 2 Touch the number pads to set the oven temperature.

- 3 Touch the **COOKING TIME** pad.

**NOTE:** If your recipe requires preheating, you may need to add additional time to the length of the cooking time.

- 4 Touch the number pads to set the desired length of cooking time. The minimum cooking time you can set is 1 minute.

The oven temperature that you set and the cooking time that you entered will be in the display.

- 5 Touch the **DELAY START** pad.
- 6 Touch the number pads to set the time of day you want the oven to turn on and start cooking.
- 7 Touch the **START** pad.

**NOTE:** An attention tone will sound if you are using timed baking or roasting and do not touch the **START** pad.

**NOTE:** If you would like to check the times you have set, touch the **DELAY START** pad to check the start time you have set, or touch the **COOKING TIME** pad to check the length of cooking time you have set.

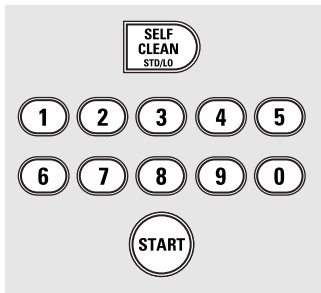
When the oven turns **ON** at the time of day you set, the display will show the cooking time countdown and the changing temperature starting at 100°F. (The temperature display will start to change once the oven temperature reaches 100°F.) When the oven reaches the temperature you set, 3 beeps will sound.

**NOTE:** If the Auto Recipe™ Conversion Feature is on, it will automatically reduce the set regular baking temperature by 25°F to the appropriate convection temperature. See Auto Recipe™ Conversion in the Special Features section.

The oven will continue to cook for the programmed amount of time, then shut off automatically, unless the WARM feature was set. See the *How to Set the Oven for Warming* section.

After the oven turns off, the end-of-cycle tone will sound.

- 8 Touch the **CLEAR/OFF** pad to clear the display if necessary. Remove the food from the oven. Remember, even though the oven shuts off automatically, food left in the oven will continue cooking after the oven turns off.



### How to Set the Oven for Cleaning

- 1 Touch the **SELF CLEAN STD/LO** pad once for a 4-hour clean time or twice for a 3-hour clean time.

A 3-hour self-clean time is recommended for use when cleaning small, contained spills. A self-clean time of 4 hours or longer is recommended for a dirtier oven.

- 2 If a time other than 4 hours or 3 hours is needed, use the number pads and enter the desired clean time.

You can change the clean time to any time between 2½ hours and 5 hours, depending on how dirty your oven is.

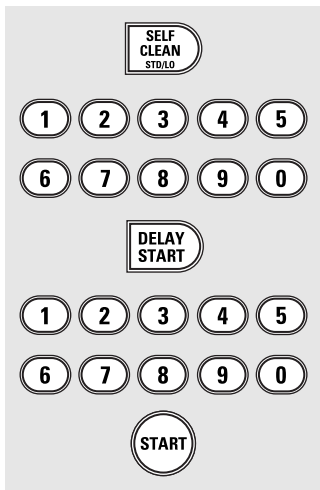
- 3 Touch the **START** pad.

The door locks automatically. The display will show the clean time remaining. It will not be possible to open the oven door until the temperature drops below the lock temperature and the **LOCKED** light goes off.

When the **LOCKED** light goes off, you will be able to open the door.

- The word **LOCKED** will flash and the word **door** will display if you set the clean cycle and forget to close the oven door.
- To stop a clean cycle, touch the **CLEAR/OFF** pad. When the **LOCKED** light goes off indicating the oven has cooled below the locking temperature, you will be able to open the door.

The oven door must be closed and all controls set correctly for the cycle to work properly.



### How to Delay the Start of Cleaning

- 1 Touch the **SELF CLEAN STD/LO** pad once for a 4-hour clean time or twice for a 3-hour clean time.

A 3-hour self-clean time is recommended for use when cleaning small, contained spills. A self-clean time of 4 hours or longer is recommended for a dirtier oven.

- 2 If a time other than 4 hours or 3 hours is needed, use the number pads and enter the desired clean time.

You can change the clean time to any time between 2½ hours and 5 hours, depending on how dirty your oven is.

- 3 Touch the **DELAY START** pad.
- 4 Using the number pads, enter the time of day you want the clean cycle to start.
- 5 Touch the **START** pad.

The door locks automatically. The display will show the start time. It will not be possible to open the oven door until the temperature drops below the lock temperature and the **LOCKED** light goes off.

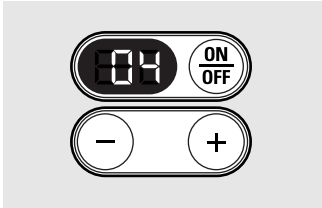
When the **LOCKED** light goes off, you will be able to open the door.

## Surface Unit Cook Settings

The controls for the radiant surface units allow for 10 different heat settings: LO, 2–9 and HI. The heating element may not visibly glow at low heat settings.

**NOTE:** When changing from a high heat setting to a lower heat setting, the surface unit may stop glowing. This is normal. The unit is still on and hot.

**NOTE:** This cooktop has a rapid heat-up feature. If the cooktop is cool when turned on, it will glow red for a short period of time until the desired power setting is reached.

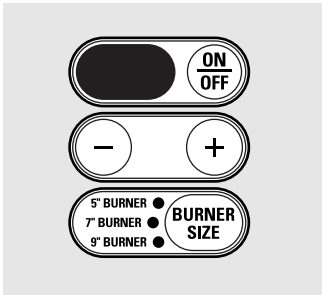
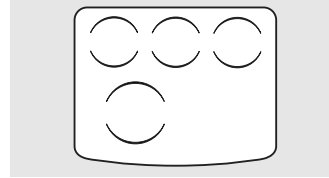


### Single Surface Unit—Cook Settings

To turn on a single surface unit:

- 1 Touch the **ON/OFF** pad, then touch the **(+)**/**(-)** pad.
- 2 Use the **(+)**/**(-)** pad to choose the desired power setting.

To turn off a single surface unit, touch the **ON/OFF** pad again.



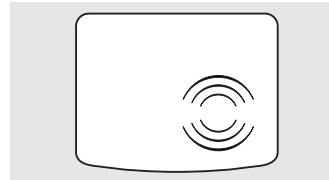
### Tri-Ring Burner

To use the multi-size burner:

- 1 Touch the **ON/OFF** pad for the front right surface unit.
- 2 Use the **(+)**/**(-)** pad to set the desired power setting.
- 3 Touch the **BURNER SIZE** pad as needed to select the desired burner size. When first selected, the 9" size is on. Touch again for the 7" and again for the 5".

The light next to the **BURNER SIZE** pad indicates which size surface unit is on.

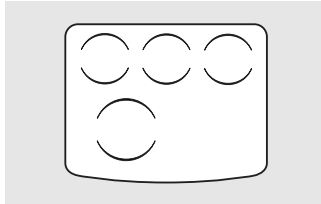
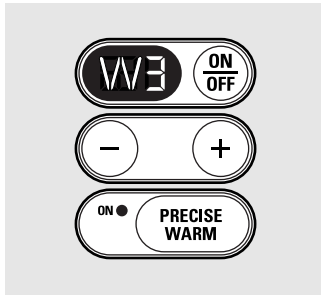
To turn the surface unit off, touch the **ON/OFF** pad.



## Using Heat Settings

- At high or medium-high settings, never leave food unattended. Boilovers cause smoking; greasy spillovers may catch on fire.
- It is safe to place hot cookware from the oven or surface units on the glass-ceramic surface when it is cool.

**NOTE:** Cooktop temperatures increase with the number of surface units that are on. With 3 or more units turned on, surface temperatures are high, so be careful when touching the cooktop. The hot surface indicator light(s) will remain lit after the surface unit is off until the surface has cooled below 150°F.



All single burners may be used for either regular cooking or precise warming.

### Precise Warm Feature

To turn on the precise warm feature:

- 1 Touch the **ON/OFF** pad, then touch the **PRECISE WARM** pad. The surface unit will turn on to warmer setting W3 (medium setting).
- 2 Use the **(+)**/**(-)** pad to choose additional settings between W1 (lowest setting) and W5 (highest setting).

To change from the warmer settings to regular cooking settings, press the **PRECISE WARM** pad again. The surface unit will be on power setting LO. The surface unit may then be set to the desired regular cooking setting using the **(+)**/**(-)** pads. To turn off the surface unit, whether using regular cooking settings or warmer settings, touch the **ON/OFF** pad.

| Food Type       | Control Setting |
|-----------------|-----------------|
| Breads/Pastries | W1              |
| Vegetables      | W2              |
| Sauces          | W3              |
| Soups (cream)   | W3              |
| Stews           | W4              |
| Hot Beverages   | W5              |
| Soups (liquid)  | W5              |

The chart above shows initial suggested settings only. The temperature, type and amount of food, type of pan and the time held will affect the quality of the food.

**CAUTION:** Do not warm food on a **PRECISE WARM** surface unit setting for more than 2 hours.

Do not use plastic wrap to cover food. Plastic may melt onto the surface and be very difficult to remove.

Use only cookware recommended for top-of-range cooking.

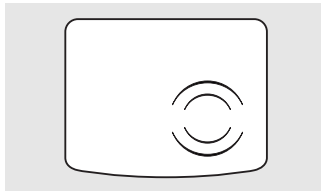
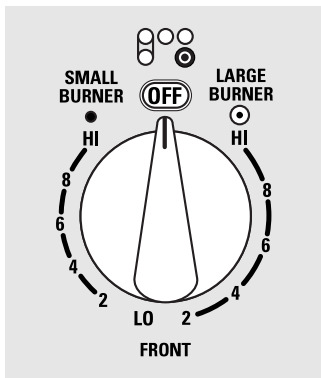
**CAUTION:** Always start with hot food. Do not use to heat cold food.

**Placing uncooked or cold food on a precise warm setting could result in foodborne illness.**

For best results, all food on **PRECISE WARM** should be covered with a lid or aluminum foil.

Always use pot holders or oven mitts when removing food from a precise warm surface unit as cookware will be hot.

A hot surface indicator light will glow when the glass surface is hot and will remain on until the surface has cooled below 150°F.

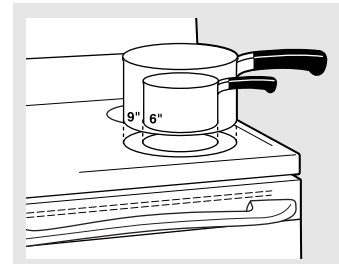


### Dual Surface Unit Control Knob (on some models)

The right front surface unit has 2 cooking sizes to select from so you can match the size of the unit to the size of the cookware you are using.

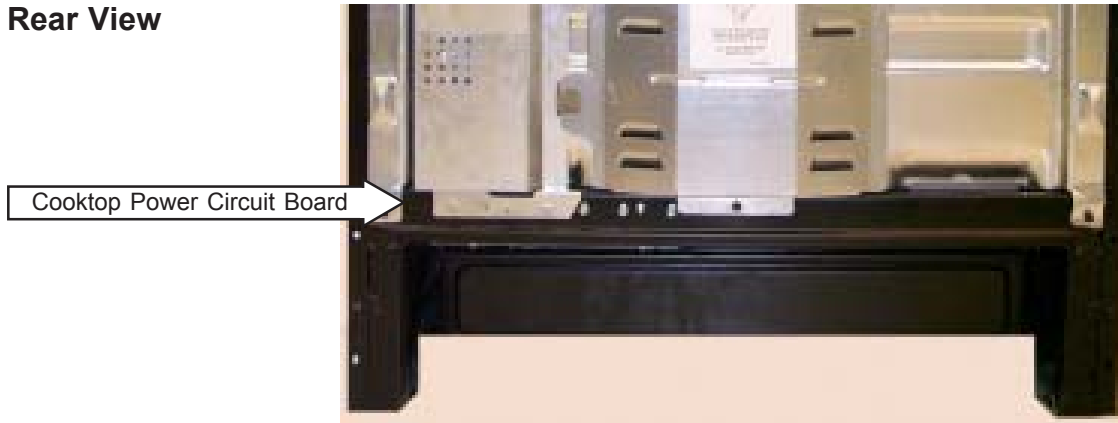
To use the small (6") surface unit, turn the control knob to the **SMALL BURNER** settings.

To use the large (9") surface unit, turn the control knob to the **LARGE BURNER** settings.

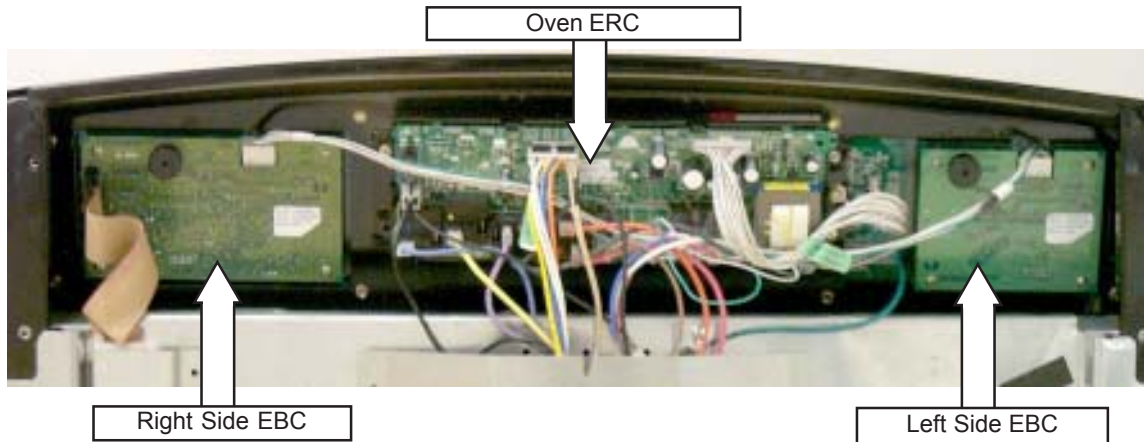


# Component Locator Views

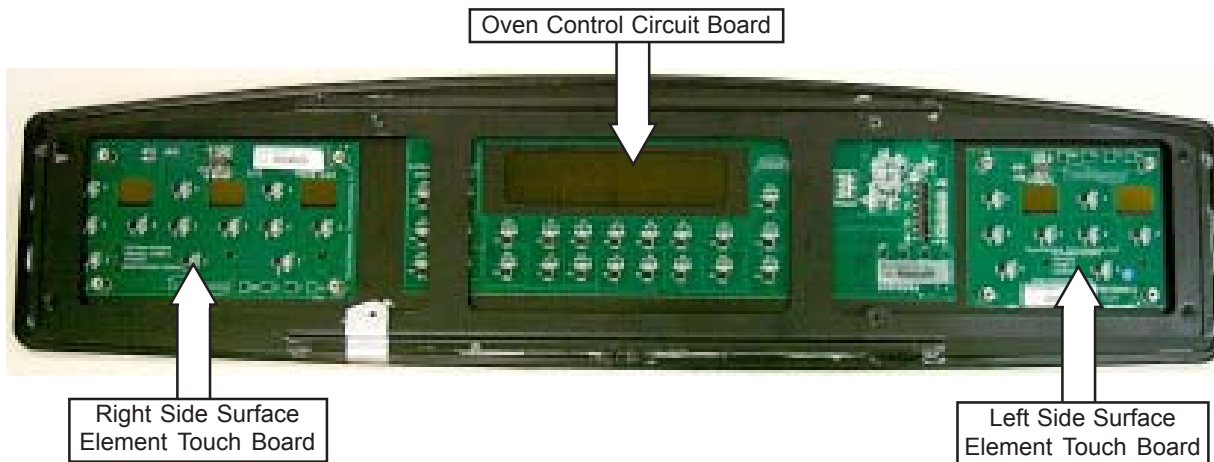
Rear View



Rear View Showing EBC and ERC



Rear View Showing Touch Boards





# Range Components

## Cooktop Panel

The ceramic glass cooktop is sealed into the cooktop frame and is not replaceable as a separate part. The cooktop panel comes as a complete assembly (frame and ceramic glass).

### Removal and Replacement

1. Disconnect power.
2. Open the door and remove the 2 screws which secure the cooktop panel to the front oven frame.



**Caution:** Lifting the cooktop panel too high can break the glass.

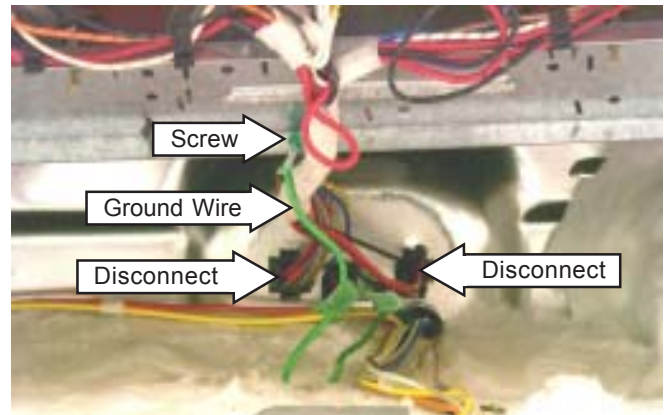
**Caution:** Lifting the cooktop panel too high can pull wires out of the electrical connectors.

**Note:** Some components can be replaced by propping the cooktop panel without removing it.

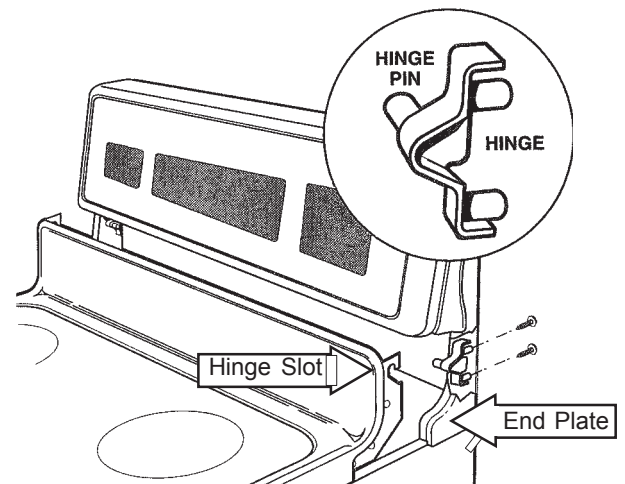
3. Lift the front of the cooktop panel upward to approximately 45°.



4. Disconnect the 2 electrical connectors.
5. Remove the screw and disconnect the grounding wire.



**Note:** The cooktop panel hinge slots rest on a hinge pin mounted to each end plate.

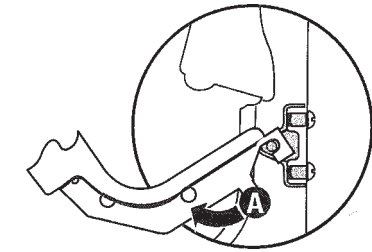


6. Lift the front of the cooktop panel upward to approximately 45° (see illustration (A) on next page).
7. Lower the rear of the cooktop panel to disengage the hinges from the hinge pins (see illustration (B) on next page).
8. Lift the cooktop panel upwards and over the hinge pin and remove the cooktop panel (see illustration (C) on next page).

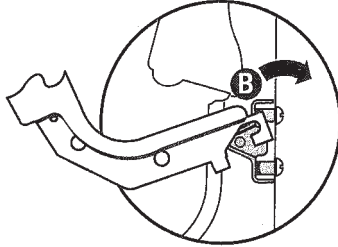
*(Continued next page)*

## Motorized Door Lock Operation

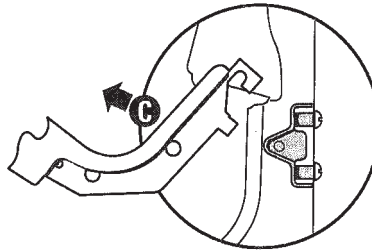
The lock motor is energized when the control is set for CLEAN and CLEAN TIME selected. The K1 relay contact will close and complete the circuit that supplies the voltage to the lock motor.



LIFT UPWARDS  
ON FRONT OF  
COOKTOP TO A  
45° ANGLE



LOWER THE REAR  
OF THE COOKTOP  
TO DISENGAGE  
THE HINGES FROM  
THE HINGE PINS

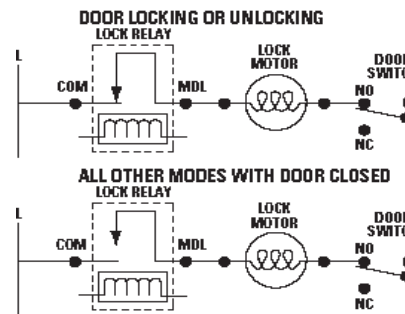
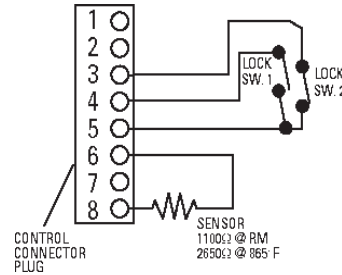
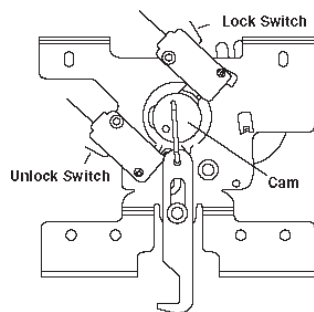
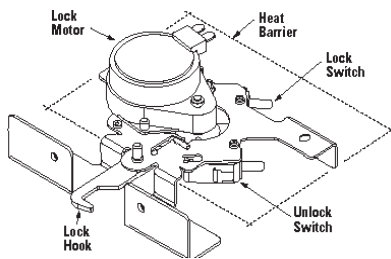


LIFT THE COOKTOP  
UPWARDS AND  
OVER THE HINGE  
PINS

9. Reverse the above procedure to install.

## Motorized Door Lock

The motorized door lock assembly (located above the oven) consists of a lock motor cam and switch assembly, lock hook, heat barrier, and mounting plate. The door latch is accessible by removing the top enclosure.



**Note:** Display will flash LOCK DOOR if the door switch is in the C to NC position (door open).

The word LOCKED DOOR will flash on and off in the display while the lock motor is in motion. When the door is locked the word LOCKED DOOR remains illuminated in the display.

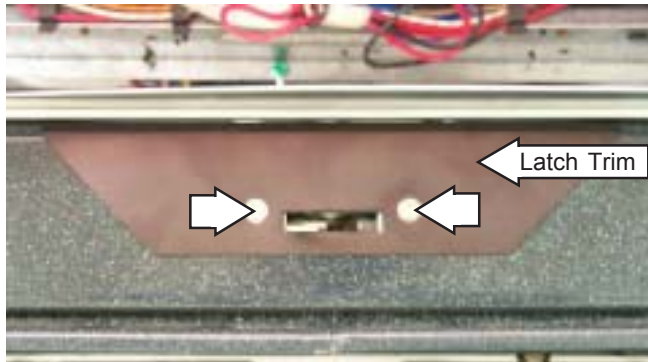
CAM – The cam on the motor performs two functions:

1. Positions the lock hook in the door to prevent opening during clean operation.
2. Operates the lock switches which tell the control if the door is unlocked or locked and ready for clean operation.

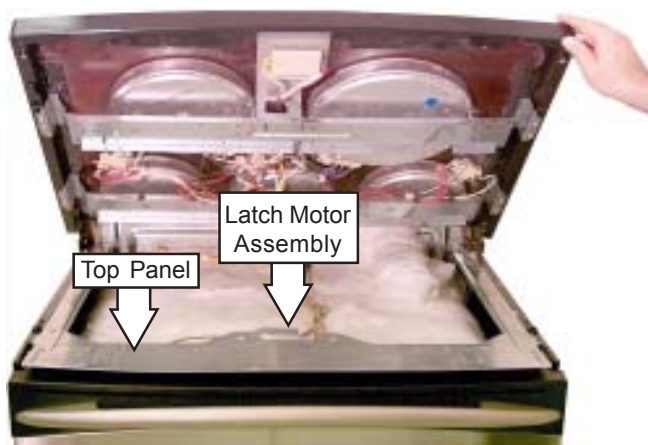
**Note:** When door is either being locked or unlocked both lock switches will be in the open position.

## Removal and Replacement

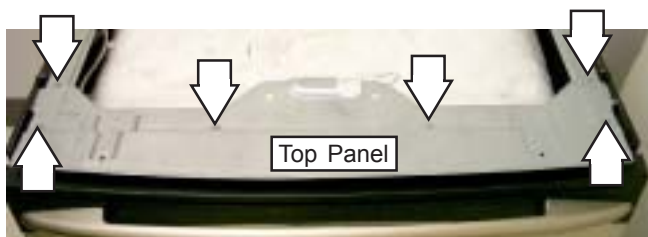
1. Disconnect power.
2. Open the oven door and remove 2 screws holding the latch motor from the latch trim.



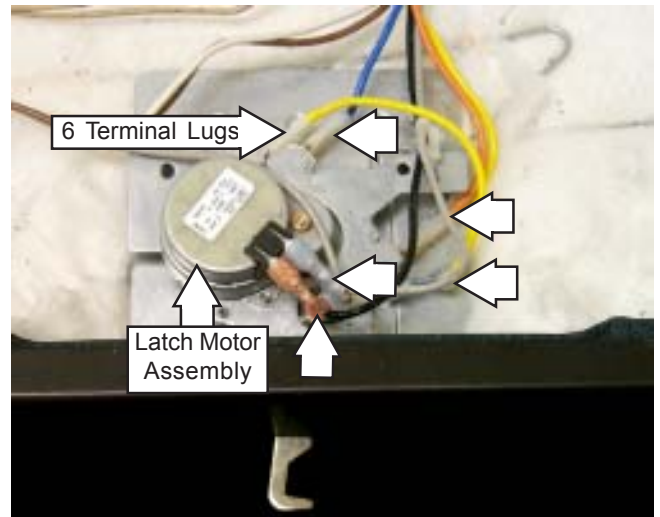
3. Raise the cooktop panel.
4. Pull the latch motor assembly from under the top panel.



5. The top panel is held in place by 6 screws. Remove the screws then remove the top panel.



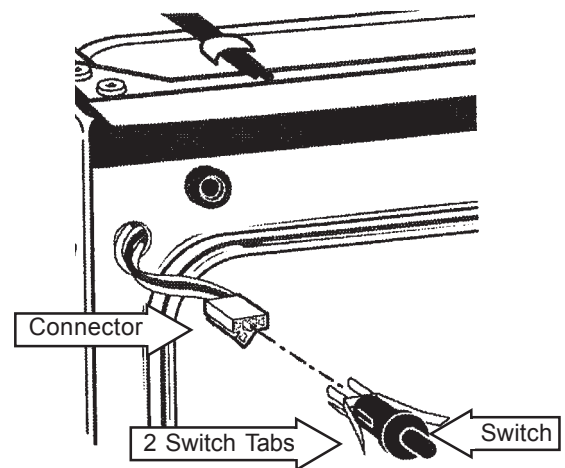
6. Label and disconnect the 6 terminal lugs and remove the latch motor assembly.



## Oven Switch

The oven switch is located on the front oven frame, between the top enclosure and the oven liner. The oven switch is accessible by lifting the front of the cooktop.

The oven switch provides a closed or open signal to the motorized door lock, oven light, and convection fan motor.



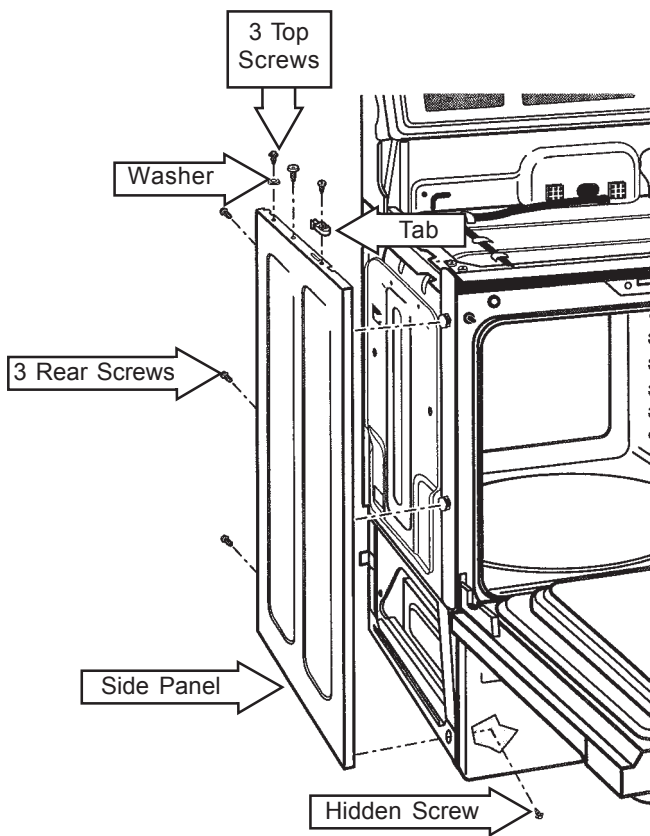
## Side Panel

The side panels shield oven wiring, insulation, and the oven liner.

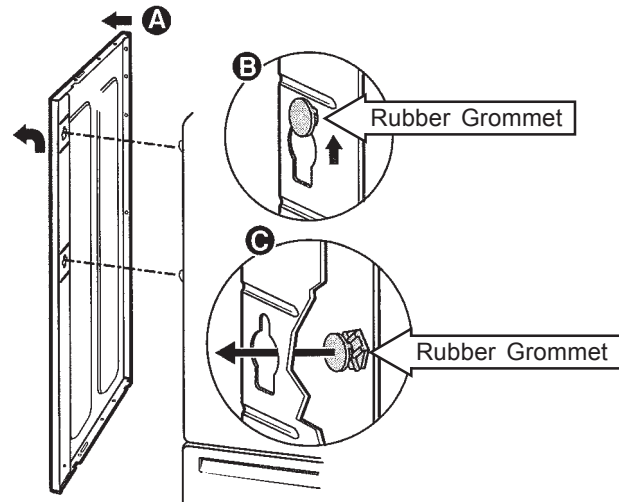
### Removal and Replacement

The procedures to remove both the left and right side panels are identical.

1. Disconnect power.
2. Remove the range from its installation.
3. Remove the **Cooktop Panel**.
4. Remove the storage drawer.
5. Remove the hidden screw near the leveling leg.
6. Remove the 3 rear screws from the rear of the side panel.
7. Remove the 3 top screws, washer, and tab from the top of the side panel.



8. Grasp the front and rear portion of the side panel (A).
9. Lift the side panel up (B) and pull it towards you (C) to disengage the two rubber grommets.



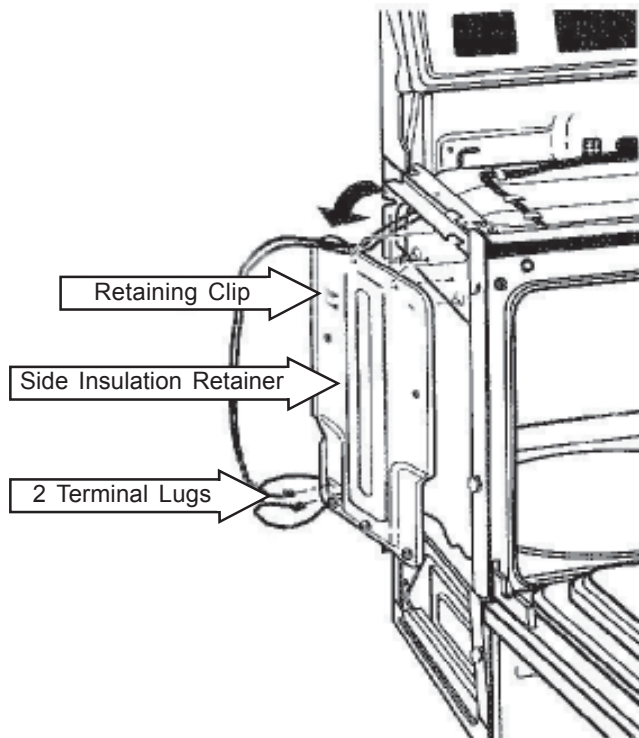
## Hidden Bake Assembly - JB968 and JB988

The bake element is located beneath the oven liner.

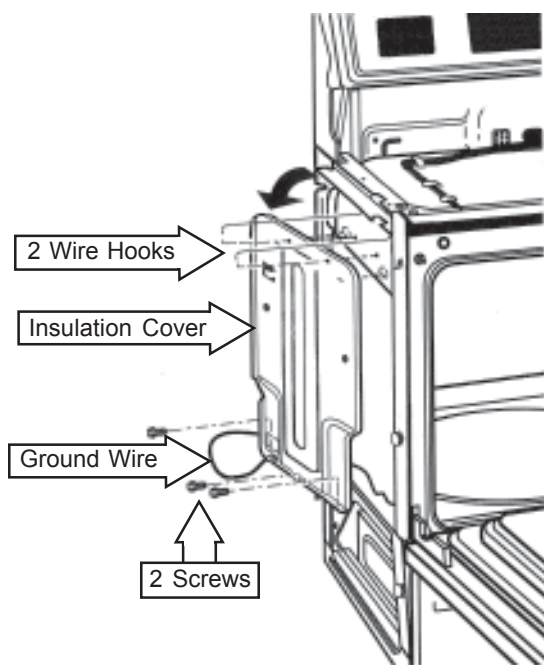
### Removal and Replacement

1. Disconnect power.
2. Remove the range from its installation.
3. Remove the **Cooktop Panel**.
4. Remove the storage drawer.
5. Remove the **Side Panel**.

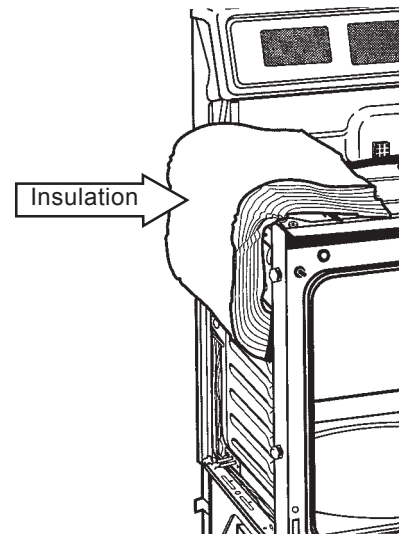
6. Label and disconnect the 2 element terminal lugs.
7. Remove the 2 wires from the retaining clip on the side insulation retainer.



8. Remove the 3 screws and ground wire from the bottom of the insulation retainer.
9. Remove the 2 wire hooks from the insulation cover and remove the insulation cover.



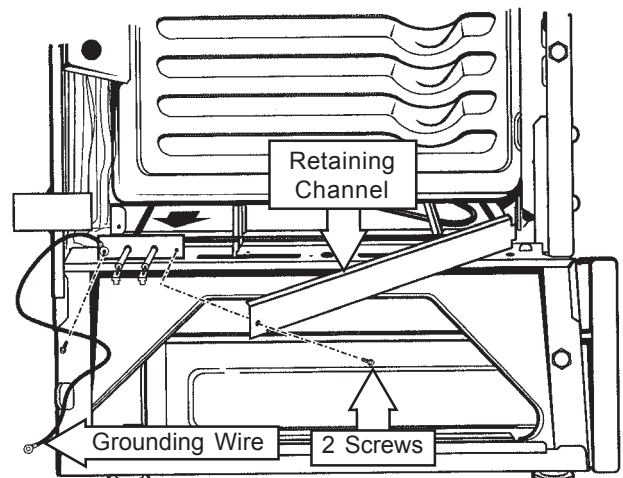
10. Using rubber gloves to protect your hands, carefully grasp the insulation which covers the side of the range and roll it upwards to the top of the range.
11. Tuck the insulation up under the 2 wire hooks.



12. Remove the two screws which secure the bake element to the frame.
13. Remove the screw and grounding wire.

**Note:** The channel is hinged on the right side.

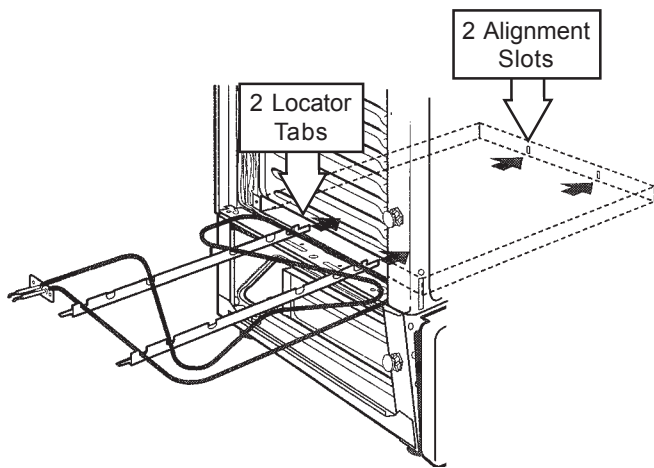
14. Grasp the left end of the retaining channel, swing it out, and remove it from the hinge slot in the frame.



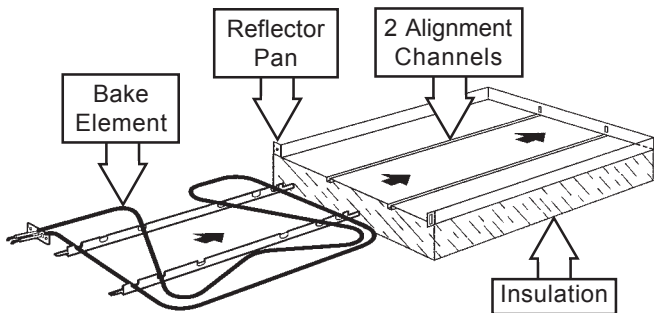
*(Continued next page)*

15. Grasp the bake element on both sides and gently pull it towards you as you remove it from the housing.

**Note:** The opposite side of the bake element has two alignment tabs which fit into the alignment slots on the other side of the housing. When installing the bake element, be sure that the alignment tabs follow the alignment channels into the locator slots.



**Note:** The bottom of the bake element housing bows upward due to the insulation beneath it. Use a long flat-bladed screwdriver to gently hold down the reflector pan when removing or installing the bake element into the reflector pan alignment channels.



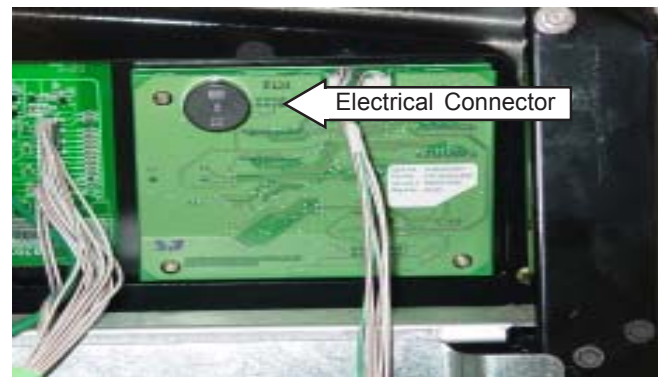
## Meat Probe Receptacle

### Removal and Replacement

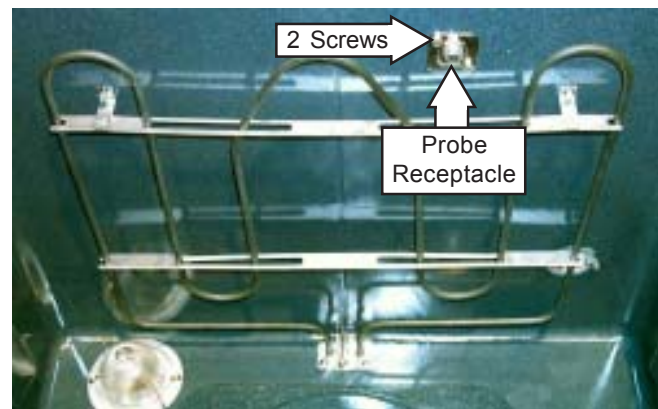
1. Disconnect power.
2. Remove the 4 screws and control panel cover.



3. Remove the **Cooktop Panel**.
4. Disconnect the electrical connector from the main control board.



5. Remove 2 screws that attach the meat probe receptacle to the top of the oven liner.



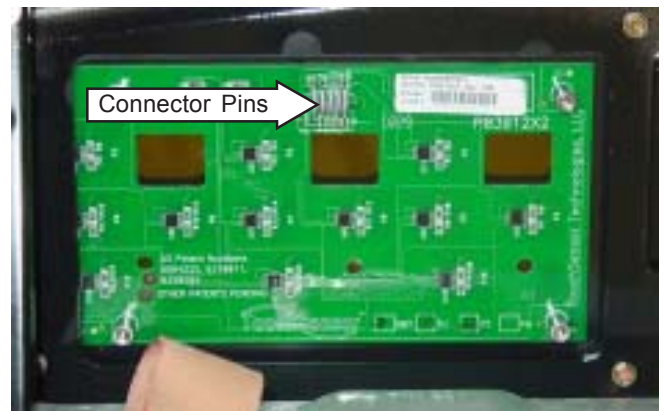
6. Remove the nut, washer, and probe receptacle.

## Right Side EBC - JE988

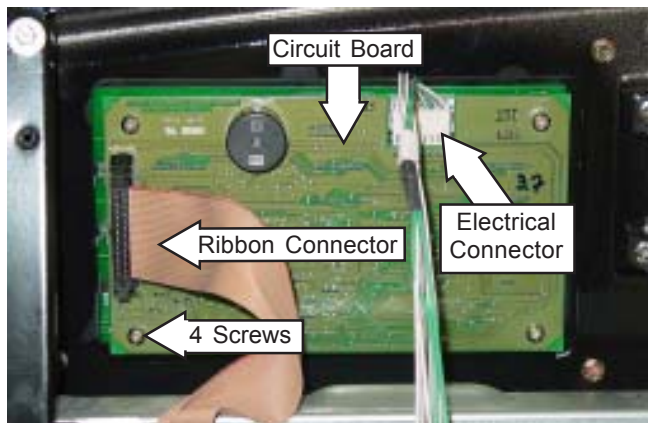
- The right side EBC is located in the control panel and is accessible by opening the control panel cover.
- The right side Electronic Burner Control (EBC) is a capacitance touch design circuit board used to operate and control the right and center-rear cooktop burners.
- The EBC manages and maintains the selected burner temperature by regulating the burner voltage.

### Removal and Replacement

1. Disconnect power.
2. Remove the back cover and control panel cover.
3. Label and disconnect the electrical connector from the right side control panel circuit board.
4. Label and disconnect the ribbon connector from the right side control panel circuit board.
5. Remove the 4 screws and right side control panel circuit board from the control panel.



**Note:** When installing the ribbon connector, make sure the red stripe on the ribbon cable is facing up. It is important to install the ribbon connector in the same orientation in which it was removed.



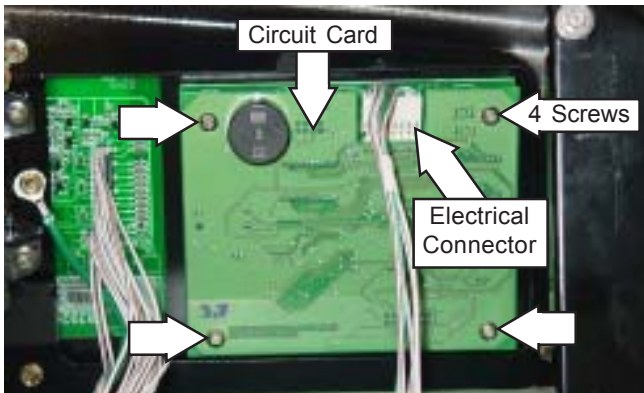
**Caution:** Use care when reinstalling the right side control panel circuit board to the control panel. Make sure to precisely align the connector pin holes on the reverse side of the circuit board to the connector pins on the control panel. The pins are fragile and can be bent or broken easily.

## Left Side EBC - JB988

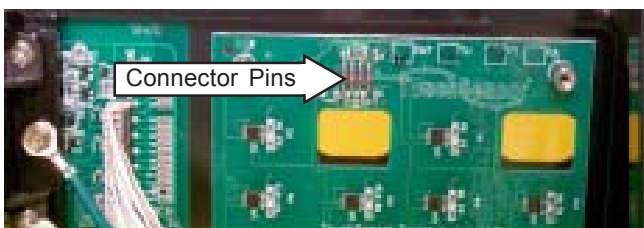
- The left side EBC is located in the control panel and is accessible by opening the control panel cover.
- The left side Electronic Burner Control (EBC) is a capacitance touch design circuit board used to operate and control the left cooktop burners.
- The EBC manages and maintains the selected burner temperature by regulating the burner voltage.

### Removal and Replacement

1. Disconnect power.
2. Remove the back cover.
3. Remove the **Control Panel Cover**.
4. Label and disconnect the electrical connector from the left side control panel circuit card.
5. Remove the 4 screws that attach the left side control panel circuit card to the control panel.



**Caution:** Use care when reinstalling the panel circuit card to the control panel. Make sure to precisely align the connector pins on the circuit card to the pin holes on the control panel. The pins are fragile and can be bent or broken easily.

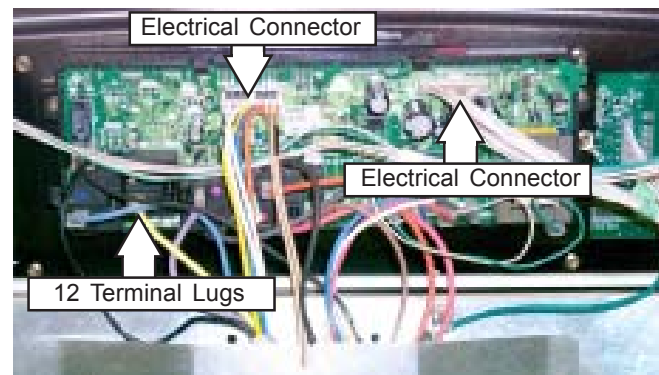


## Oven ERC

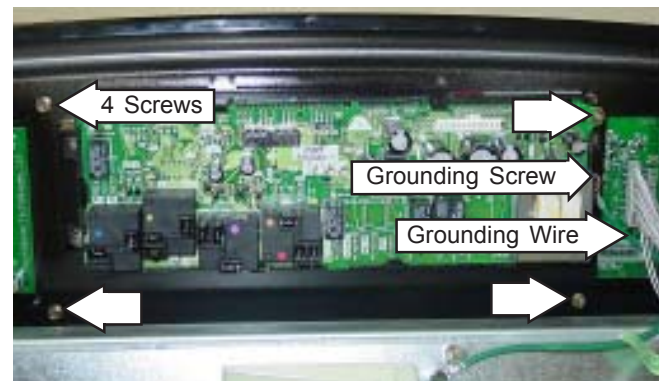
- The oven ERC is located in the control panel and is accessible by opening the control panel cover.
- The Electronic Range Control (ERC) is a capacitance touch design circuit board used to operate and control the broil, bake, and timer functions.
- The ERC consists of the control, key panel, oven sensor, door lock assembly, and convection fan.
- The ERC monitors and maintains oven temperature, senses sudden significant heat loss, and responds with an increase in power.

### Removal and Replacement

1. Disconnect power.
2. Remove the back cover and control panel cover.
3. Label and disconnect the 12 terminal lugs and 2 electrical connectors from the oven control panel circuit card.



4. Remove the 4 screws and grounding wire from the oven control panel circuit board. Remove the circuit board.





## Cooktop Power Circuit Board - JE988

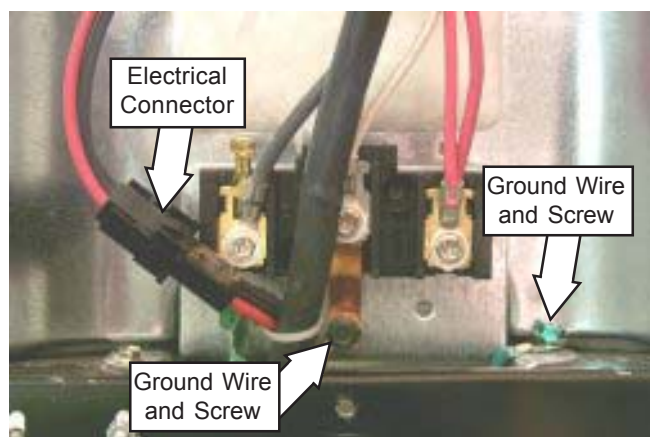
- The cooktop power circuit board is located on the back of the oven, to the lower left of the terminal block.
- The cooktop power circuit board provides power to the cooktop burners.
- Burner commands between the right EBC and the cooktop power circuit board are routed through the ribbon cable.

### Removal and Replacement

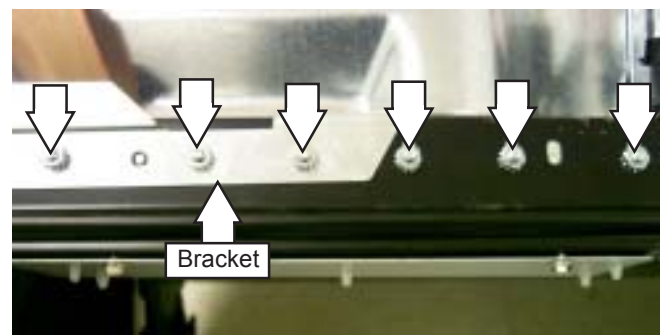
1. Disconnect power.
2. Remove the back cover.
3. Remove the left back cover.



4. Remove the 2 screws and disconnect the 2 ground wires from the terminal block.
5. Disconnect the electrical connector.



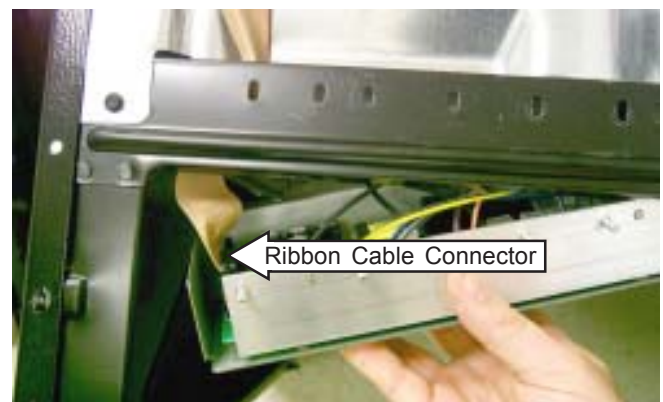
6. Remove the 6 self-locking nuts and bracket.



7. Remove the 4 screws and lower the circuit board mounting box to access the ribbon cable.



8. Disconnect the ribbon cable connector from the cooktop power circuit board.



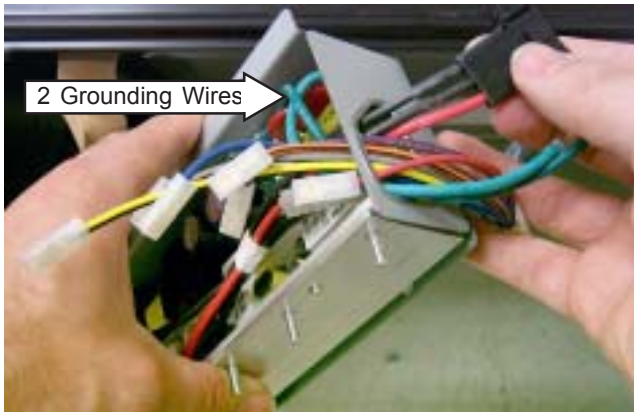
9. Label and disconnect the terminal lugs from the cooktop power circuit board.

**Note:** See page 35 for a listing of terminals, wire colors, and connection points.

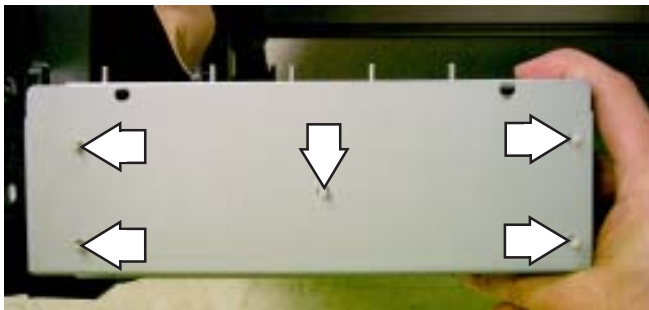


(Continued next page)

10. Remove the electrical connector, wire bundle, and 2 grounding wires from the circuit board mounting box.



11. Release the five mounting clasps that hold the cooktop power circuit board to the circuit board mounting box. Remove the cooktop power circuit board and retain the circuit board mounting box.

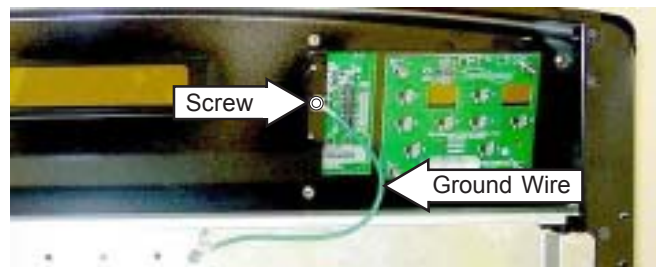


### Control Panel Assembly - JB988

The control panel assembly contains the ERC, infinite heat switches (on models JB905 and JB968), Electronic Burner Controls (on model JB988), and Touch Sensor Board.

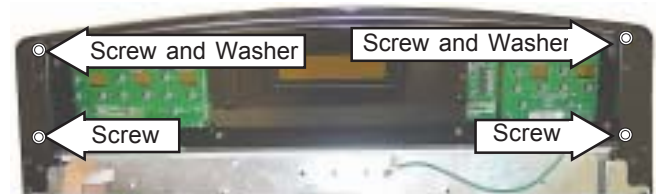
#### Removal and Replacement

1. Disconnect power.
2. Remove the back cover.
3. Remove the **Left Side EBC - JB988**.
4. Remove the **Oven ERC**.
5. Remove the **Right Side EBC - JB988**.
6. Remove the screw and disconnect the ground wire.



7. Remove the 2 screws and 2 washers from the rear of the control panel.

8. Remove the 2 screws from the oven.

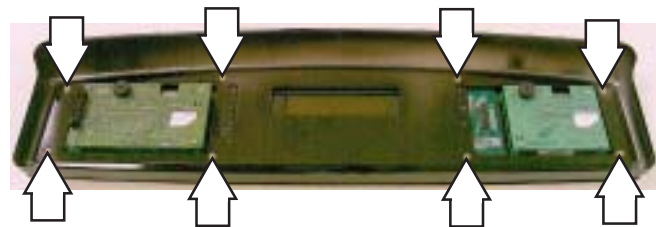


9. Remove the 2 screws from the front of the control panel.



10. Remove the control panel from the oven.

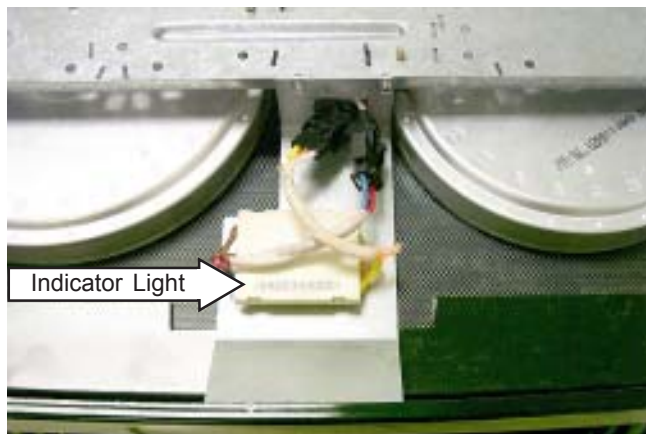
11. Remove the 8 screws and touch panel from the control panel.



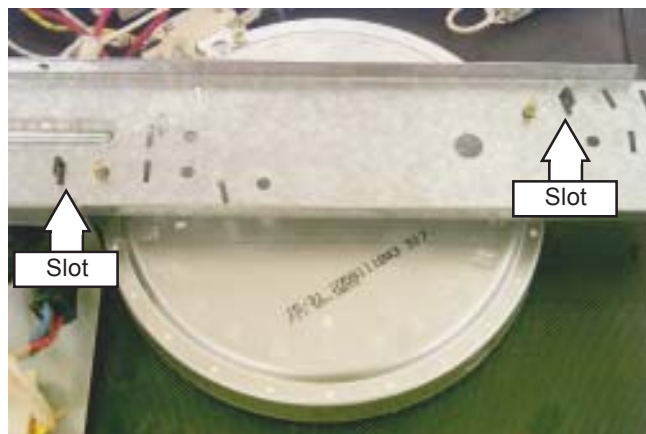
## Surface Indicator Light

The surface indicator light is located underneath the cooktop and is accessible by removing the cooktop panel.

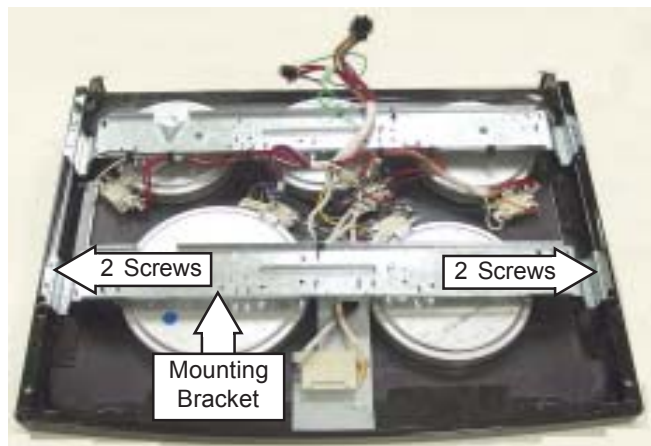
The surface indicator light comes on when the radiant cooktop surface is turned ON. It will remain ON (even after the surface element has been turned OFF) until the surface temperature cools to less than 150° F.



3. Mark the numbers of the mounting bracket slots next to the tabs and the hole numbers in the burner cans.



4. Remove the 4 screws from the mounting bracket.



## Burners - JB905 and JB988

Each surface burner element consists of a spiral wound resistance wire attached to micro-porous insulation with molded ceramic fiber walls contained in a corrosion protected metal tray.

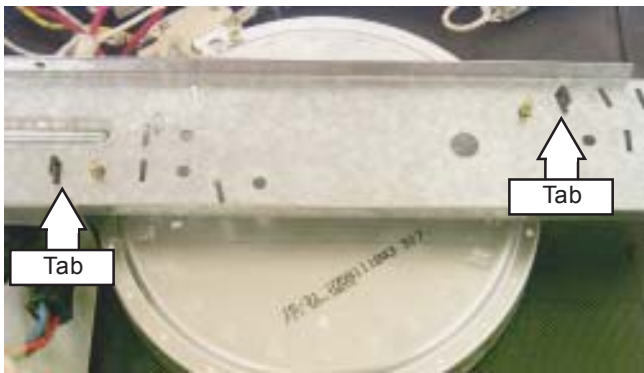
### Removal and Replacement

**Note:** The removal and replacement procedures for each burner are identical.

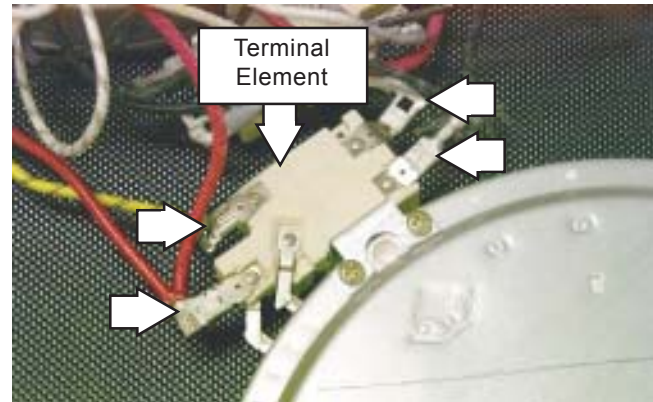
1. Disconnect power.
2. Remove the **Cooktop Panel**.

(Continued next page)

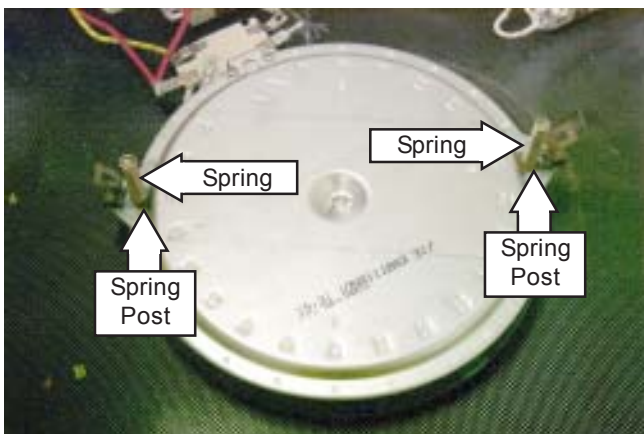
5. Use a flat blade screwdriver to press the 2 tabs free from the mounting bracket slots.



8. Label and disconnect the 4 terminal lugs from the thermal element and remove the burner.



6. Remove the mounting bracket from the burner.  
7. Remove the springs from the spring posts.



**Caution:** When installing cooktop wiring, route the wires away from the burner cans and rail edges.

**Note:** If additional high temperature tape is needed to bundle the wiring, use reflective aluminum tape (PN: WB06X10551).

# Service Information

## ERC Failure Codes

The presence of an “F” and a number or letter flashing in the oven control display indicates a function Failure (F) code. (Note that the oven may stop operating but not immediately display an F code.) F codes are stored in nonvolatile EEPROM memory until a second consecutive fault occurs. An F code can be recalled by pressing together the TIMER, CLOCK (or 9) keys. While an F code is displayed, pressing the 8 and HR DOWN (or 6) together will clear the displayed fault. A fault must exist continuously for 5 minutes before an F code is recorded (F2 and F8 are recorded sooner).

| FAILURE CODE | MEANING  | CORRECTION  |
|--------------|--|---|
| F0           | Shorted OFF key or an open wire within the touch panel wire harness.   | Check continuity of wire harness that links the touch panel to the ERC. If there is continuity disconnect power and then the wire harness. Reconnect power and if the F0 code is not displayed the problem is with the key circuit.   |
| F2           | Oven temperature inside the oven (as measured by the oven sensor) is over 650°F unlatched, or 915°F latched. | Welded relay contacts, high resistance in oven sensor leads (especially at the sensor in rear). Replace sensor. If problem persists replace the oven ERC.   |
| F3           | Open oven sensor (over 2950 ohms).   | Disconnect power and the sensor from the oven ERC. Measure sensor resistance to be 1080 ohms at room temperature with 2 ohms per degree change. Check continuity and look for damaged harness terminals. If continuity and harness terminals are ok replace the sensor. If problem persists replace the oven ERC. |
| F4           | Shorted oven sensor (under 950 ohms).  | Disconnect power and the sensor from the oven ERC. Measure sensor resistance to be 1080 ohms at room temperature with 2 ohms per degree change. Check continuity and look for damaged harness terminals. If continuity and harness terminals are ok replace the sensor. If problem persists replace the oven ERC. |
| F7           | Shorted key.   | Check continuity of wire harness that links the touch panel to the ERC. If there is continuity disconnect power and then the wire harness. Reconnect power and if the F7 code is not displayed the problem is with the key circuit.   |
| F8           | EEPROM data shift failure.   | Disconnect power. Reconnect power and if problem is repeated replace the oven ERC.  |
| FF           | Loss of motorized door lock.   | Replace motorized door lock.  |

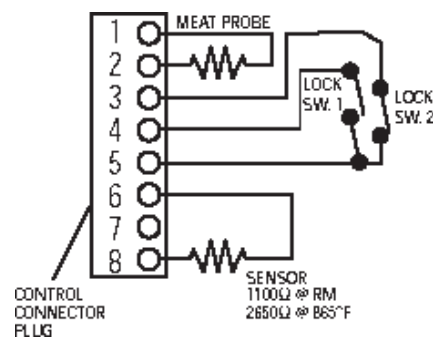
## Convection Fan

| Symptom          | Possibility   | Correction  |
|------------------|---|---|
| Fan motor buzzes | Open capacitor  | Harness, terminals or bad capacitor.  |
| No fan operation | Open windings as indicated by ohm check red to black and blue to black. (Approx. 60 ohms each)  | Replace motor.  |
| Fan loud         | Loose shaft nut   | Tighten shaft nut. Do not bend blade  |
| Fan loud         | Convection cover screws loose or cavity screws  | Tighten. Use larger screw if stripped   |
| No fan operation | Check voltage CCW to N when fan is counterclockwise - should read 120VAC in Convection Bake, Also, CW to N when clockwise as indicated by ERC display | <ul style="list-style-type: none"> <li>If no voltages, replace ERC.</li> <li>If voltages OK check harness or winding resistance.</li> </ul> |
| No fan operation | Shaft or blade rubbing on oven liner  | Loosen screws/readjust position/tighten.  |
| No fan operation | Shaft or blade rubbing on oven liner  | Replace jamb switch or check harness.   |

## Oven Sensor and Door Switch Ohmmeter Test

Remove power from the oven. Measure resistance from the side of the sensor and lock switch connector with exposed terminals removed from the plug.

| CIRCUIT     | CONDITION   | TERMINALS | OHMS |
|-------------|-------------|-----------|------|
| Oven Sensor | Room Temp.  | 6 to 8    | 1080 |
|             | Clean Temp. | 6 to 8    | 2650 |
| Unlatch     | Unlatched   | 3 to 5    | 0    |
|             |             | 4 to 5    | Open |
| Latch       | Latched     | 3 to 5    | Open |
|             |             | 4 to 5    | 0    |



**Note:** Meat Probe is not on model JB905

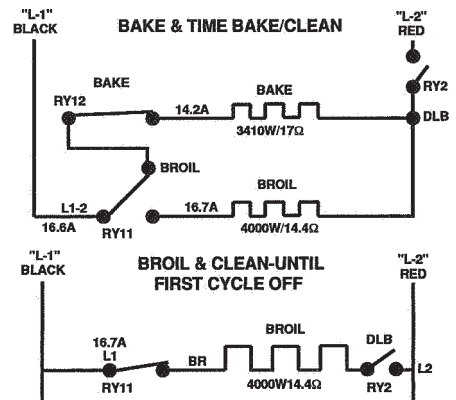
## Special Functions

The control has a section that can be entered to change how the control will work. To enter this section: Press and hold the BAKE and BROIL pads and **SF** appears in the display. Select the area to change. When the change has been made, press START to return to Time of Day.

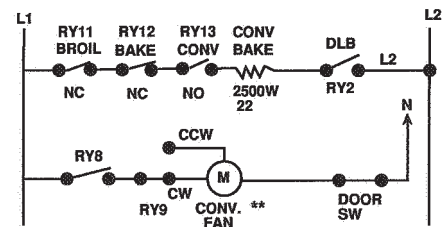
- **End-of-Cycle Tone** - Press KITCHEN TIMER pad. Display shows **Con Beep** when control is set for continuous end-of-cycle **Tone** or **Beep** when set for noncontinuous.
- **°F and °C** - Simultaneously press the BROIL and COOKING TIME pads. Display will show either **°F** or **°C**. Press the BROIL and COOKING TIME pads again to change.
- **12 Hour, 24 Hour, or blank out Time-of-Day Clock** - Press CLOCK pad. Display will show **12 hr**, **24 hr**, or **OFF** for blank clock. Press again to change.
- **Multi-Level Buzzer Volume** - Press the OVEN LIGHT pad. Display shows the current volume level and beeps. Press the OVEN LIGHT pad again to change and hear the new level. 1 BEEP is quietest, 2 BEEP is mid-volume, 3 BEEP is loudest.
- **Convection Bake** (*JB968 and JB988*) - to turn on or off convection conversion.
- **12 Hour Shutdown** - The oven is preset to automatically shut down after 12 hours of continuous operation. This feature can be disabled. Press DELAY START pad and display will show **No Shdn**. To turn back on, press DELAY START pad again and display will show **12 Shdn**.
- **Sabbath Mode** - This feature disables all but Bake and Timed Bake, overrides **12 Shdn**, disables beeps, and puts symbols in the display during Bake. Press the DELAY START pad to activate. Display will show **SabbAtH**. To deactivate, press the DELAY START pad. Display will show **No Shdn** or **12 Shdn**.
- **Beep volume** (*JB968 and JB988*) - Press the OVEN LIGHT key repeatedly.

The control has other features which are also activated by specific key press combinations:

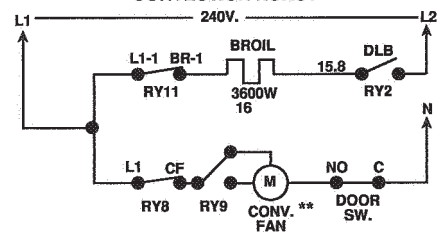
- **Sales Mode** (special feature for sales floor demonstration) - Press the CLOCK and TIMER pads at the same time. Display will start to cycle through the different modes of operation. Press START to exit.
- **OVEN LOCKOUT** - Press the OVEN LOCKOUT pad. Display will show **Set Loc On**. Press the START pad to lock the keypads. No keypads are active when locked, and the display shows **Loc On** when a keypad is pressed. To unlock the keypads, press OVEN LOCKOUT pad, followed by the START pad. The ERC will show **Lc** when a key is pressed.



(JB968 and JB988)  
CONVECTION BAKE



(JB968 and JB988)  
CONVECTION ROAST



- **BAKE/BROIL** - The bake and broil elements cycle during preheat. During the balance of operation only one element is on at a time.
- **SELF CLEAN Operation** - Only the broil element is on during the first 30 minutes of operation or until the sensor reaches 750°F. During the remainder of the self cleaning operation the oven will cycle between the bake and broil heating elements.

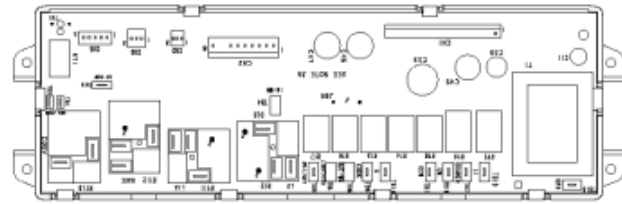
## ERC Access

The oven ERC for the oven system consists of the control panel, keypads, oven sensor, door lock assembly, and convection fan.

### Key Panel Test

1. Touch each keypad.
2. If the control panel is functioning properly, the following should occur:
  - Bake, broil, (convection bake and convection roast on some models), clean, timer, clock, stop time and cook time modes - audible tone plus display showing mode of operation selected.
  - Clear/Off - Audible tone and display shows time of day.
  - Number keypads can only be used after another function has been selected.

### Oven ERC (Rear View)



### Control Voltage - ERC

Mode and temperature selection is necessary for operation of relay contacts. This model incorporates double line break. There is no voltage on the elements when the control is in standby.

| Terminals on ERC (Element terms are on tops of large relays.) | Voltage, standby (No relays energized.) | Voltage, Broil (Mode Active)                                    | Voltage, Bake (Mode Active)                                    | Voltage, Convection Bake (On convection bake models.)                |
|---|---|---|--|--|
| L1 - N  | 120 VAC (If not, harness may be bad.)   |   |  |  |
| L1 - L2   | 240 VAC (If not, harness may be bad.)   |   |  |  |
| L1 - BAKE   | ~0 VAC (If not, relay may be bad.)      | 240 VAC (Mode active, bake relay OFF, DLB relay ON.)*           | -0 VAC (When bake element ON. If not, relay/ERC may be bad.)** | 240 VAC (Mode active, bake relay OFF, DLB relay ON.)*                |
| L1 - BROIL  |   | ~0 VAC (When broil element ON. If not, relay/ERC may be bad.)** | 240 VAC (mode active, broil relay OFF, DLB relay ON)*          | 240 VAC (Mode active, broil relay OFF, DLB relay ON.)*               |
| L1 - CONV (On convection models.)                             |   | 240 VAC (Mode active, convection relay OFF, DLB relay ON.)*     | 240 VAC (Mode active, convection relay OFF, DLB relay ON.)*    | ~0 VAC (When convection element ON. If not, relay/ERC may be bad.)** |
| MDL - COM   | 120 VAC (door closed)                   | —   | —  | —  |
| L1 - CW (On convection models.)                               | 120 VAC (Door closed.)                  | 120 VAC (Door closed.)  | 120 VAC (Door closed.)   | ~0 VAC (When convection fan is spinning clockwise.)                  |
| L1 - CCW (On convection models.)                              | 120 VAC (Door closed.)                  | 120 VAC (Door closed.)  | 120 VAC (Door closed.)   | ~0 VAC (When convection fan is spinning counter clockwise.)          |

\* If not, check indicated element and harnessing.

\*\* Relay is on only when calling for heat (240 VAC when not calling for heat).



## ERC Circuit Board

The ERC Circuit Board contains the relays, terminals, and other components needed to perform the proper switching and control of oven functions. A list of ERC circuit board connections is provided below:

### BAKE (BA on Wiring Diagram)

|     |              |
|-----|--------------|
| Y-1 | Bake Element |
|-----|--------------|

### BROIL (BR on Wiring Diagram)

|     |               |
|-----|---------------|
| V-1 | Broil Element |
|-----|---------------|

### CW

|      |           |
|------|-----------|
| RW-1 | Fan Motor |
|------|-----------|

### CCW

|     |           |
|-----|-----------|
| N-2 | Fan Motor |
|-----|-----------|

### CN1

|                 |                |
|-----------------|----------------|
| Pin 1 to Pin 14 | Oven Touch Pad |
|-----------------|----------------|

### CN2

|       |     |                   |
|-------|-----|-------------------|
| Pin 1 | C-2 | Meat Probe Jack   |
| Pin 2 | C-1 | Meat Probe Jack   |
| Pin 3 | Y-1 | Lock Motor Switch |
| Pin 4 | N-3 | Lock Motor Switch |
| Pin 5 | O-7 | Lock Motor Switch |
| Pin 6 | W-6 | Oven Temp Sensor  |
| Pin 7 | -   | Not Used          |
| Pin 8 | W-5 | Oven Temp Sensor  |

### COM

|     |                |
|-----|----------------|
| B-7 | Input - Common |
|-----|----------------|

### CONV

|     |                            |
|-----|----------------------------|
| N-4 | Convection Heating Element |
|-----|----------------------------|

### COOK

|     |                |
|-----|----------------|
| W-4 | Left Touch Pad |
|-----|----------------|

### DLB

|     |                        |
|-----|------------------------|
| O-1 | Bake Element - Common  |
|     | Broil Element - Common |

### GND

|      |        |
|------|--------|
| GN-2 | Ground |
|------|--------|

### L1

|     |                |
|-----|----------------|
| B-7 | Input - Common |
|-----|----------------|

### L1A

|     |                |
|-----|----------------|
| O-1 | Input - Common |
|-----|----------------|

### L2

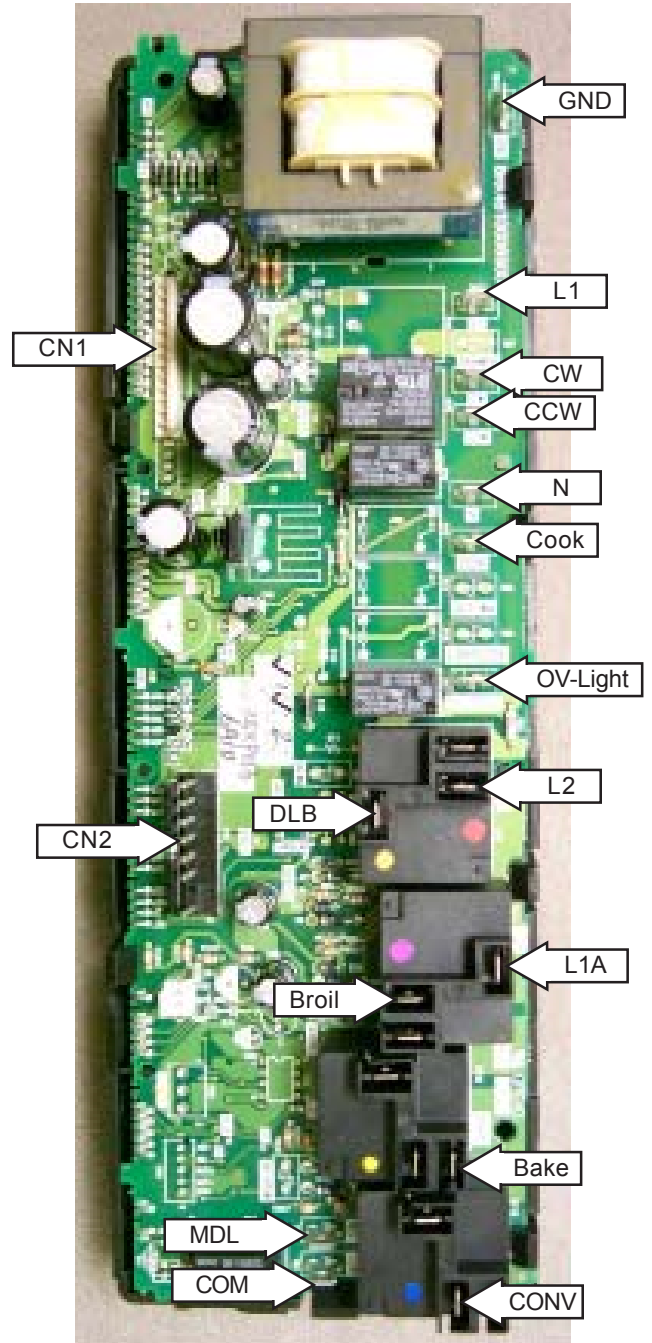
|     |                  |
|-----|------------------|
| R-4 | 220 Volt - Input |
|-----|------------------|

### N

|     |                  |
|-----|------------------|
| W-4 | 220 Volt - Input |
|-----|------------------|

### OV-LIGHT (LIGHT on Wiring Diagram)

|     |                  |
|-----|------------------|
| R-4 | 220 Volt - Input |
|-----|------------------|

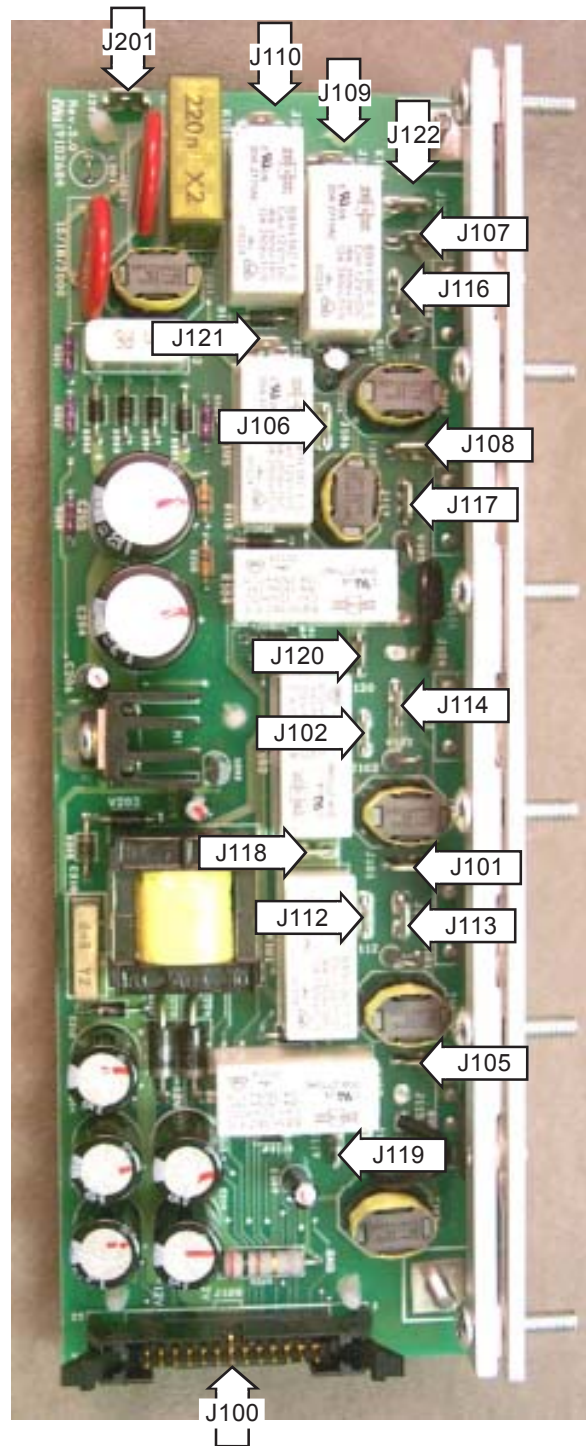


**Note:** Jumpers that are hard-wired to the circuit board are not listed.

## Power Control Board

The Power Control Circuit Board contains the relays, terminals, and other components needed to perform the proper switching and control of oven power functions. A list of circuit board connections is provided below:

|      |  |
|------|--|
| J100 |  |
| X-1  | Ribbon Cable to Right Side Circuit Board |
| J101 |  |
| GY   | Jumper Wire to J110                      |
| J102 |  |
| V-2  | Right Front Burner                       |
| J105 |  |
| YB-1 | Left Front Burner                        |
| J106 |  |
| NW-1 | Right Front Circuit Board                |
| J107 |  |
| R-1A | Right Front Burner                       |
| J108 |  |
| B    | Jumper Wire to J109                      |
| J109 |  |
| B    | Jumper Wire to J108                      |
| J110 |  |
| GY   | Jumper Wire to J101                      |
| J112 |  |
| NB-1 | Right Front Burner                       |
| J113 |  |
| SB-1 | Center Rear Burner                       |
| J114 |  |
| OB-1 | Left Rear Burner                         |
| J116 |  |
| R-8  | 220 Volt - Input                         |
| J117 |  |
| CW-1 | Right Rear Burner                        |
| J118 |  |
| B-10 | Input - Common                           |
| J119 |  |
| B-13 | Input - Common                           |
| J120 |  |
| B-11 | Input - Common                           |
| J121 |  |
| B-12 | Input - Common                           |
| J122 |  |
| B-14 | Input - Common                           |
| J118 |  |
| G-1  | Case Ground                              |

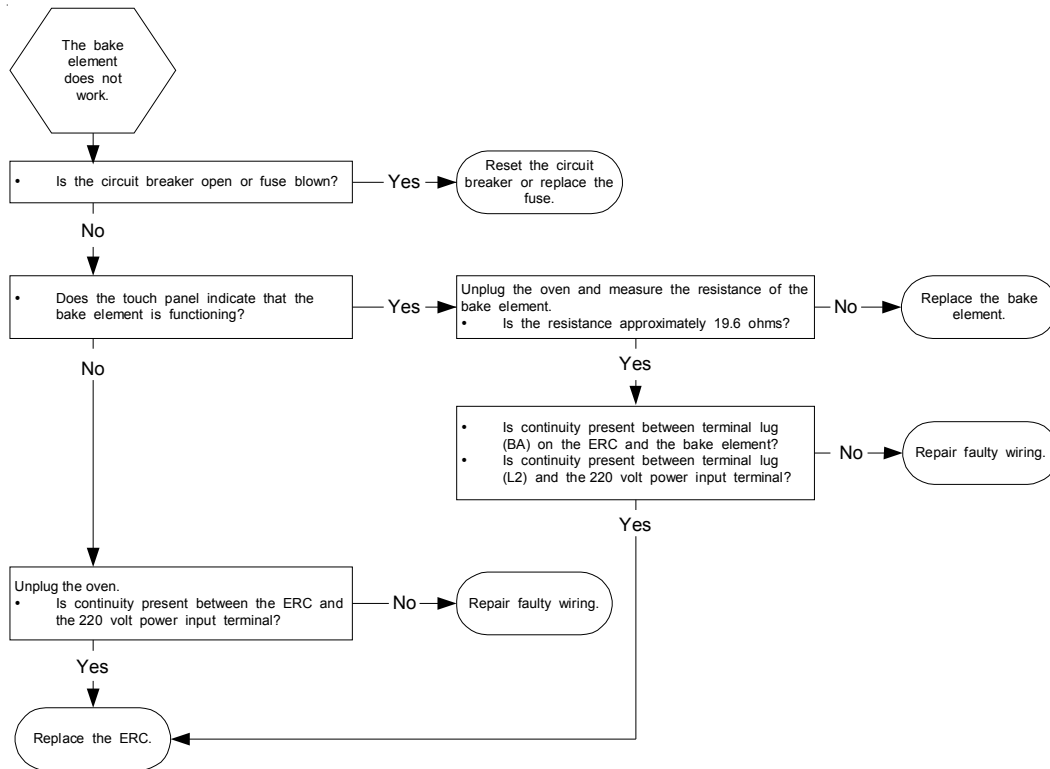


**Note:** Jumpers that are hard-wired to the circuit board are not listed.

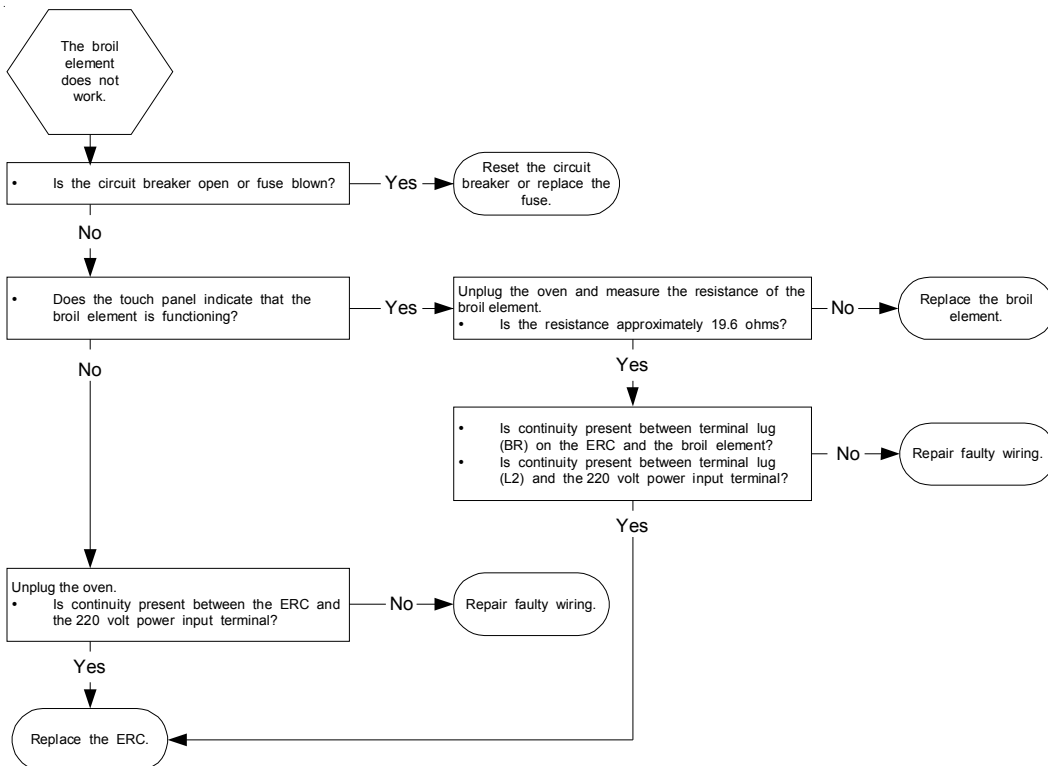


# Troubleshooting Trees

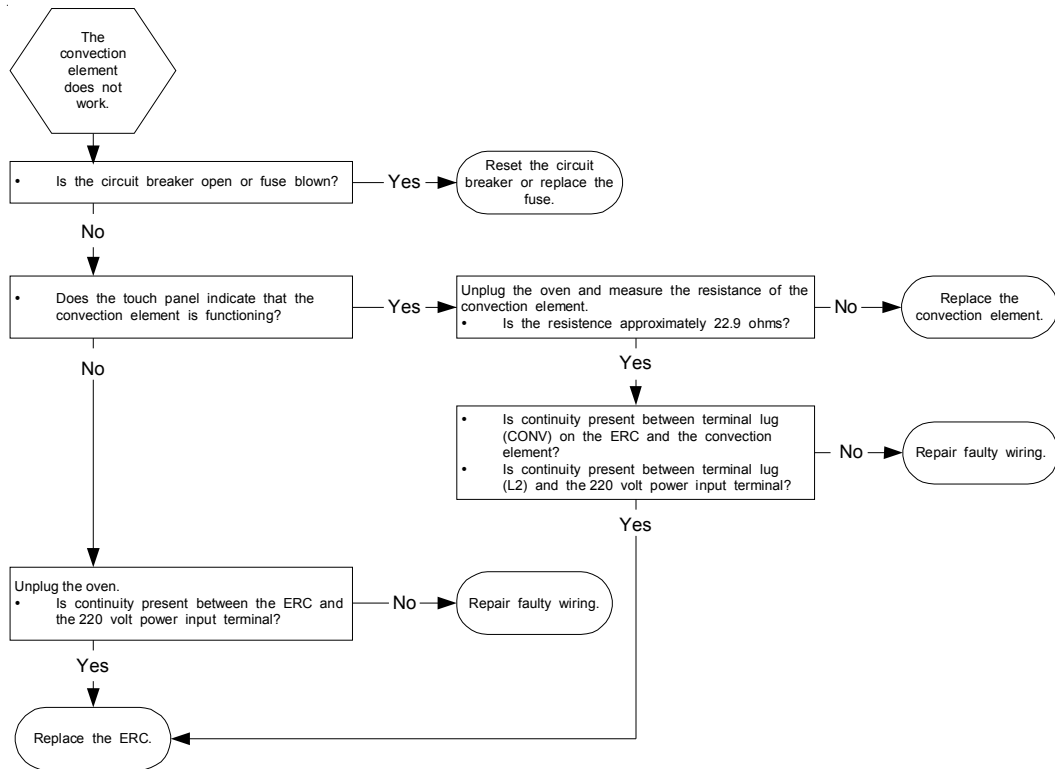
## Bake Element



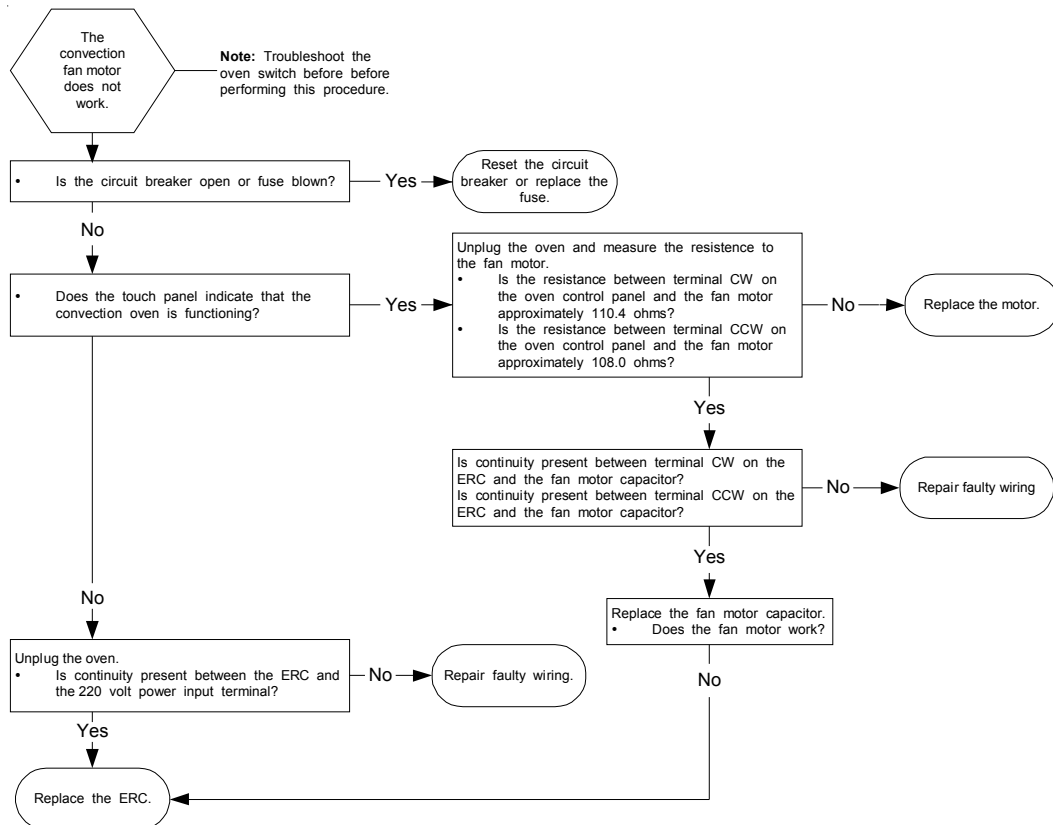
## Broil Element



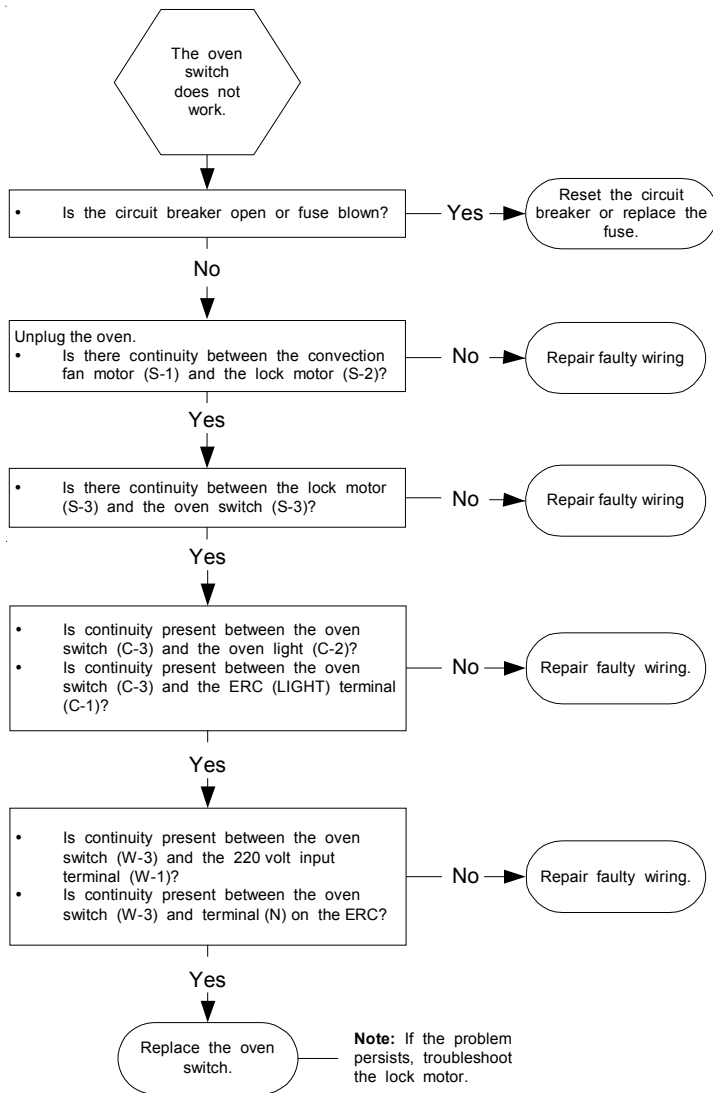
## Convection Element



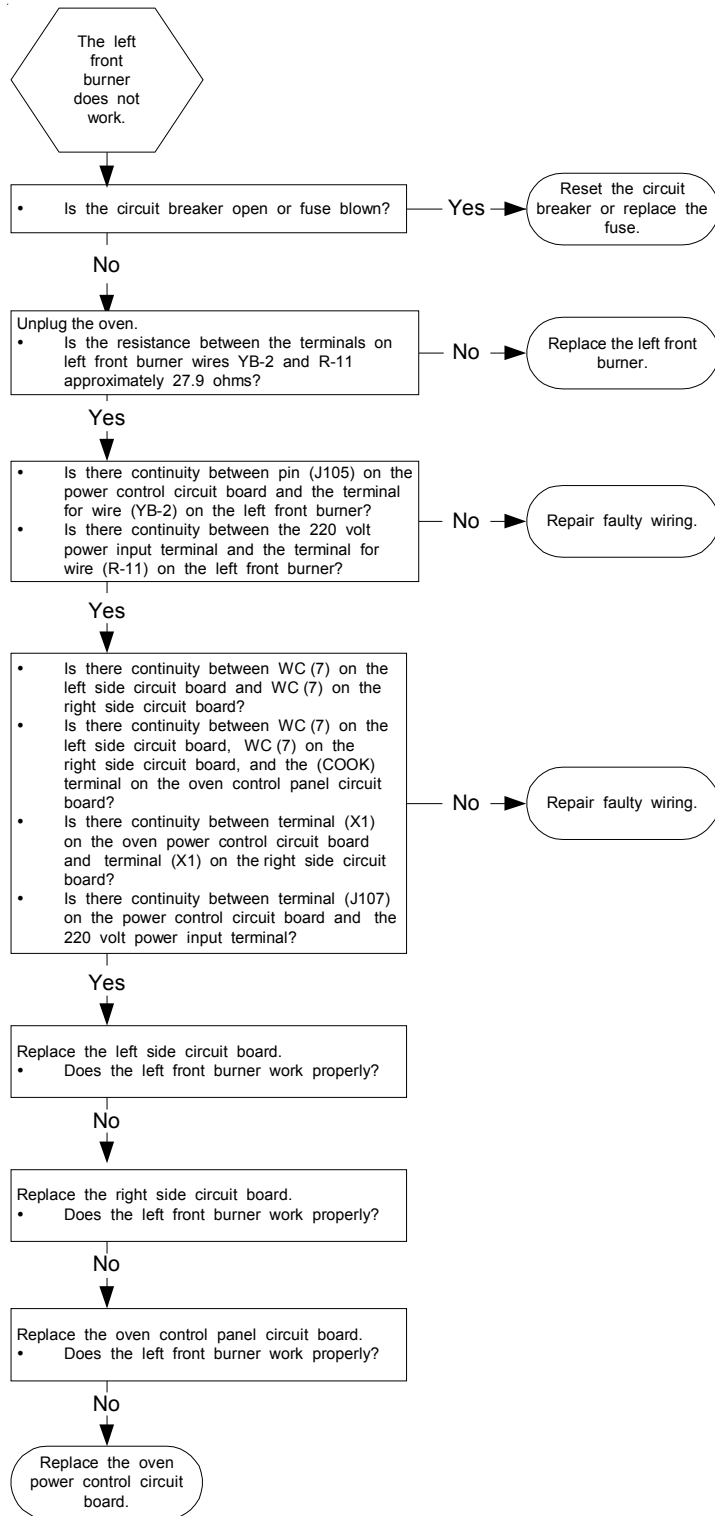
## Convection Fan Motor



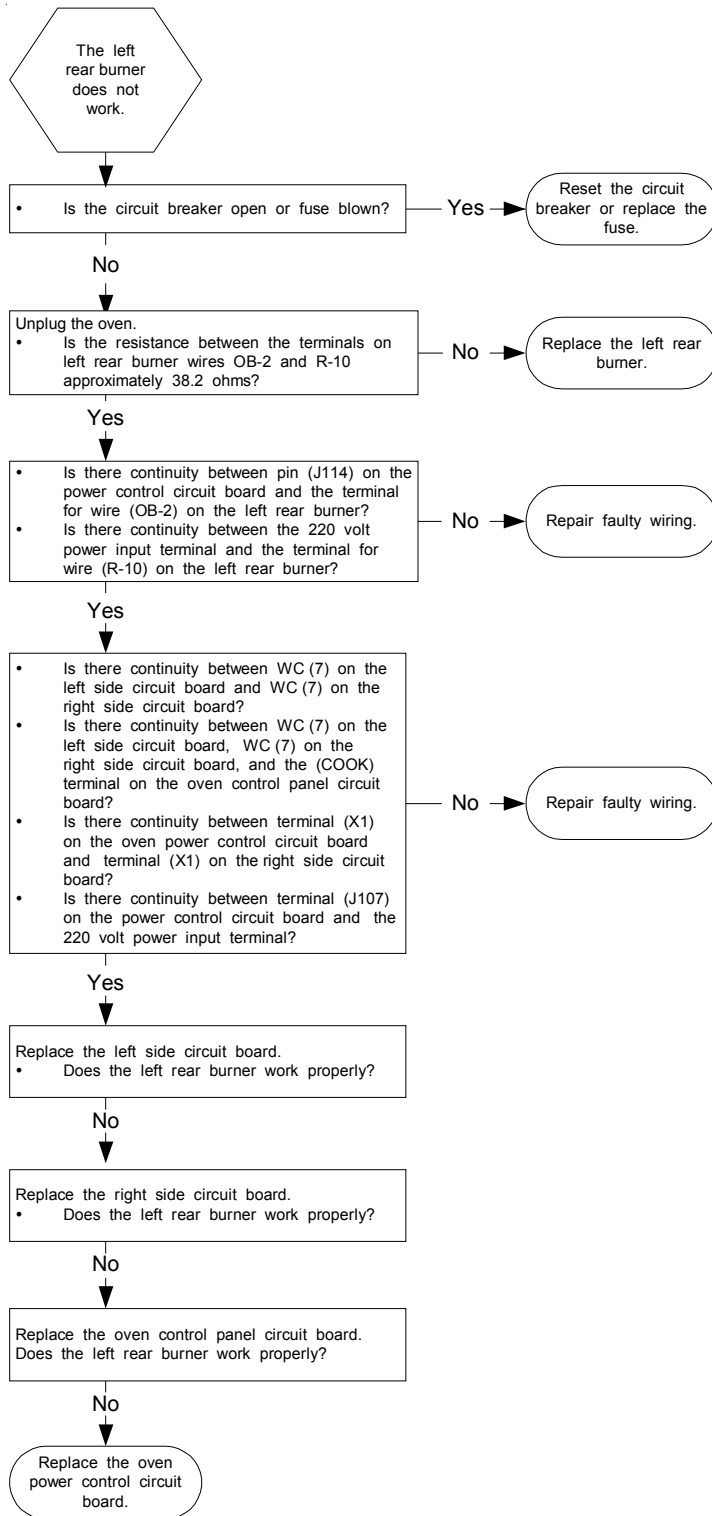
# Oven Switch



# Left Front Burner - JB988

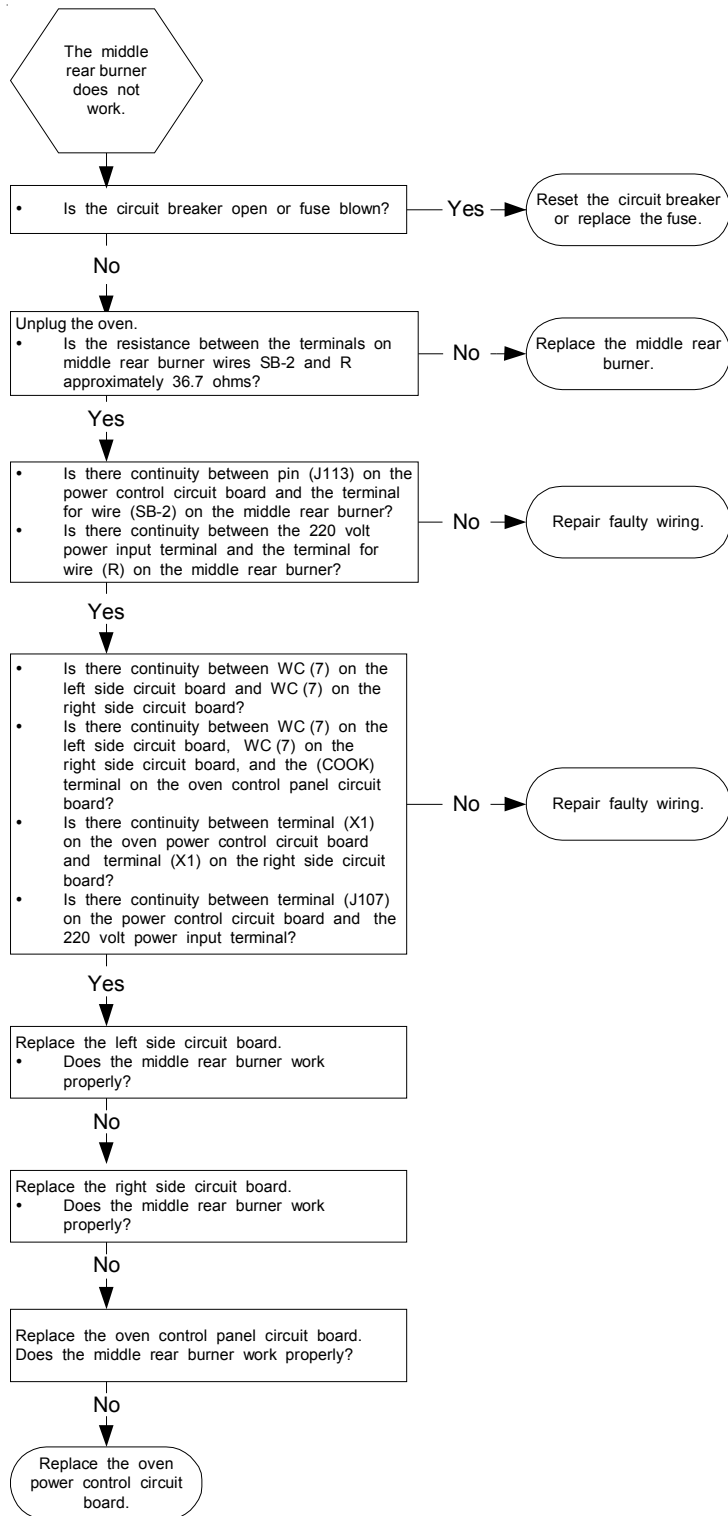


# Left Rear Burner - JB988

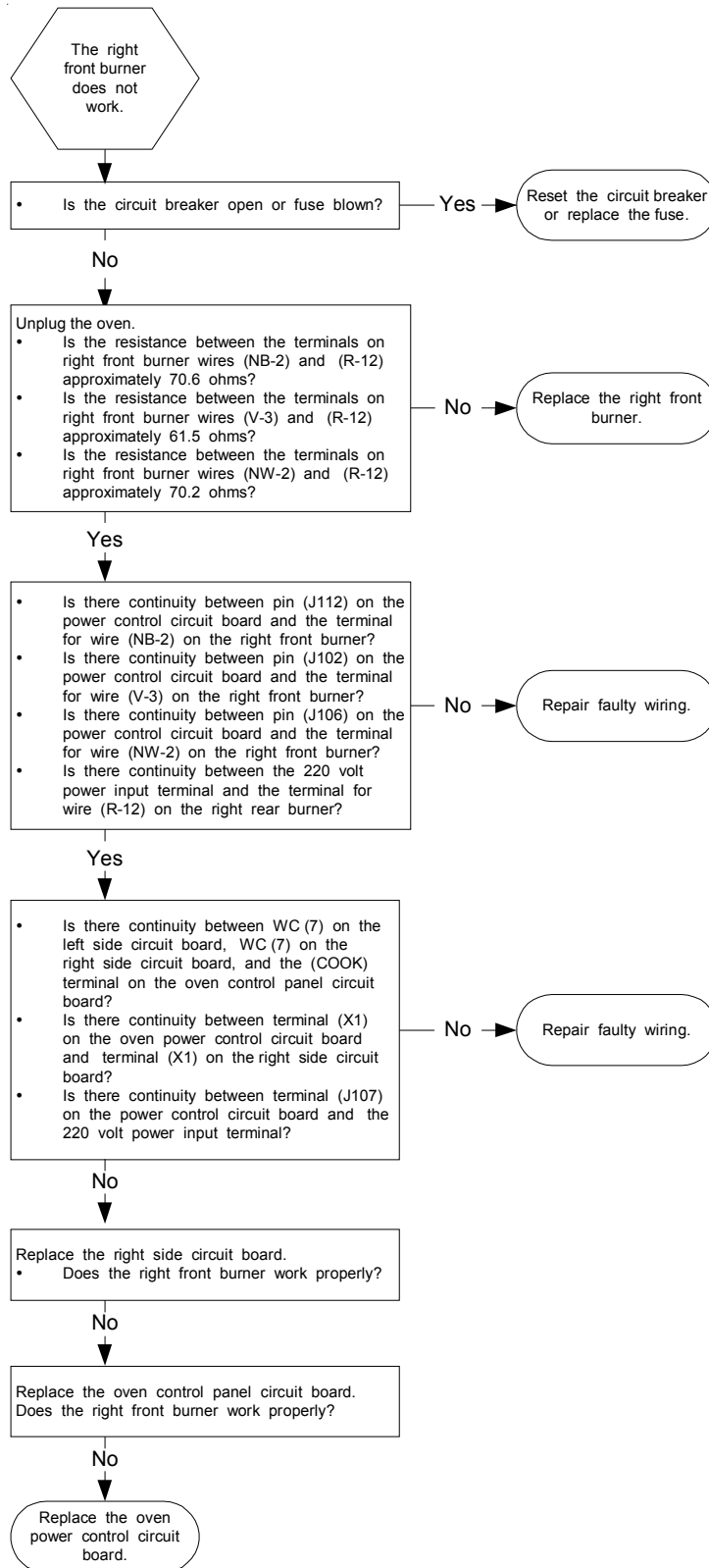




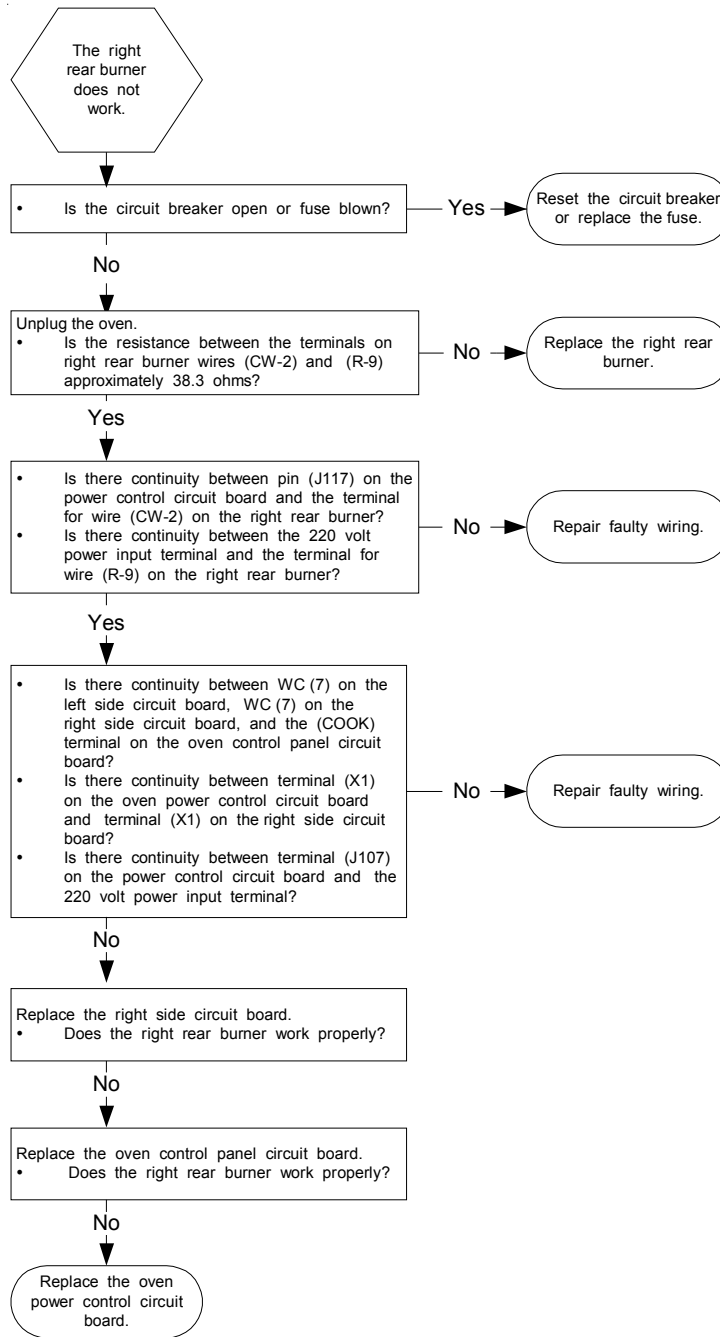
# Middle Rear Burner - JB988



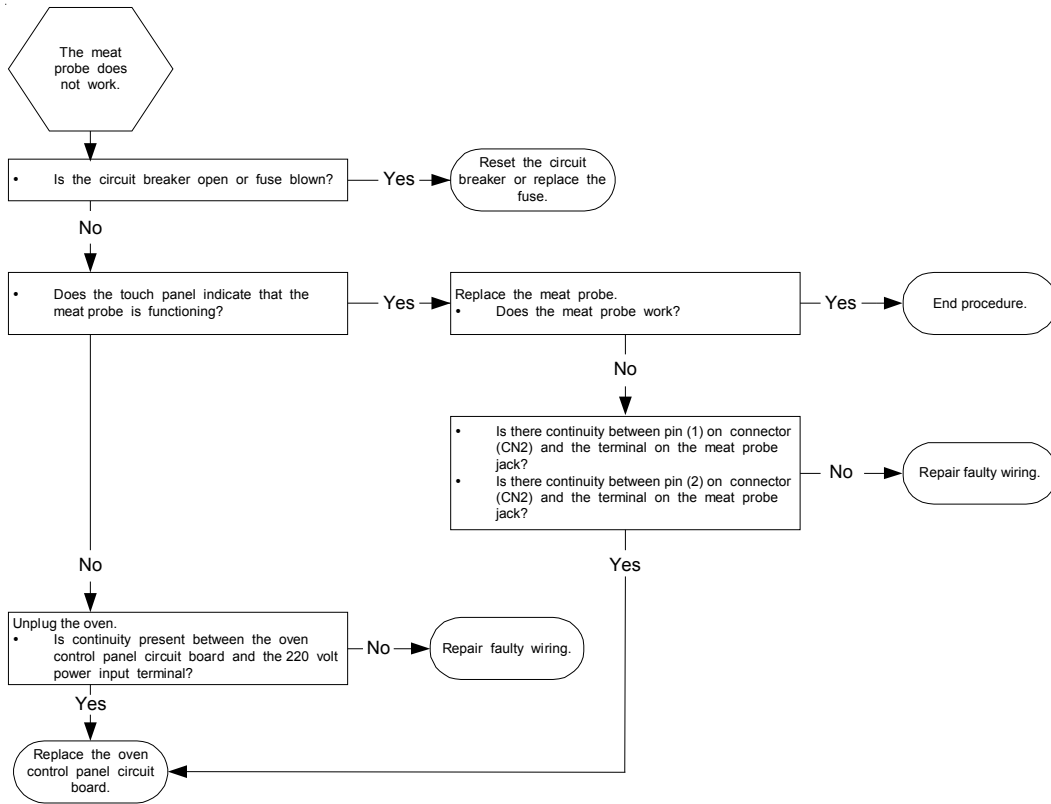
# Right Front Burner - JB988



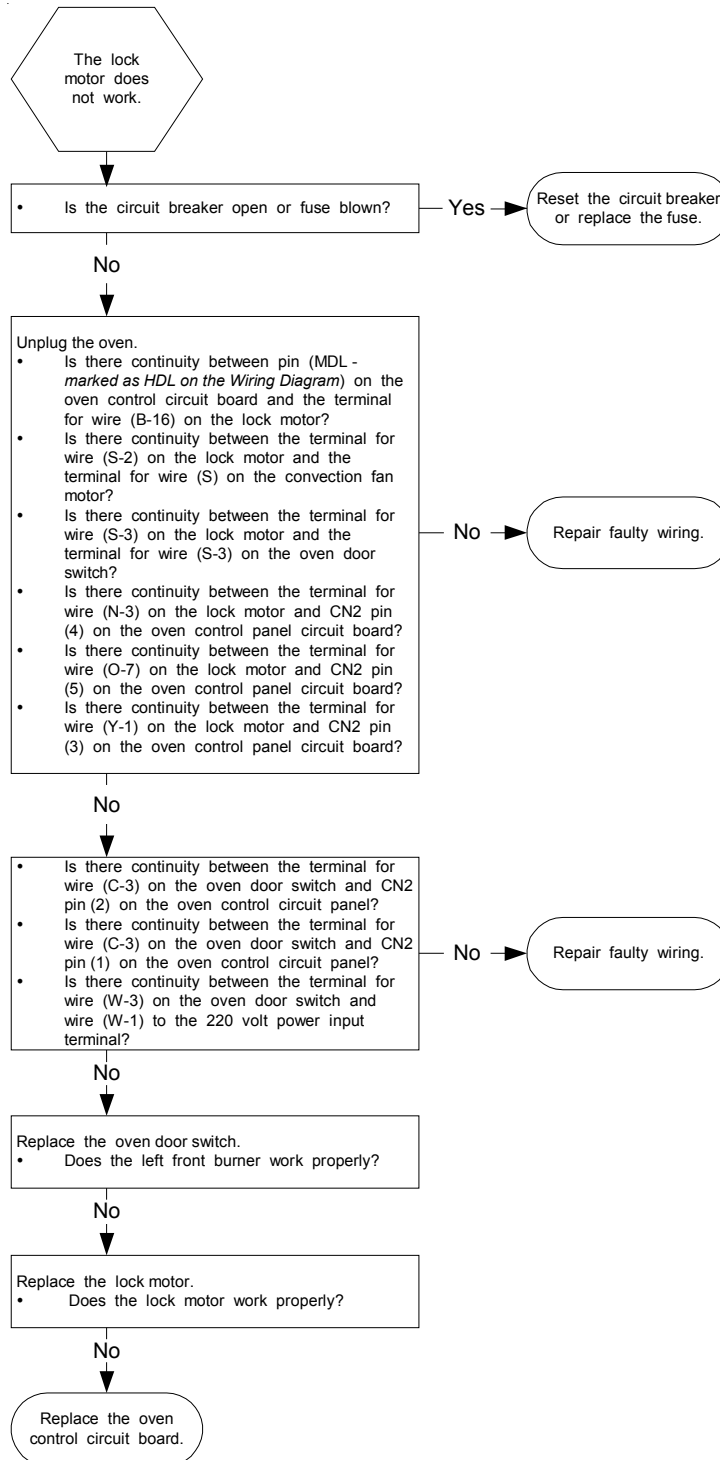
# Right Rear Burner Troubleshooting - JB988



# Meat Probe Troubleshooting

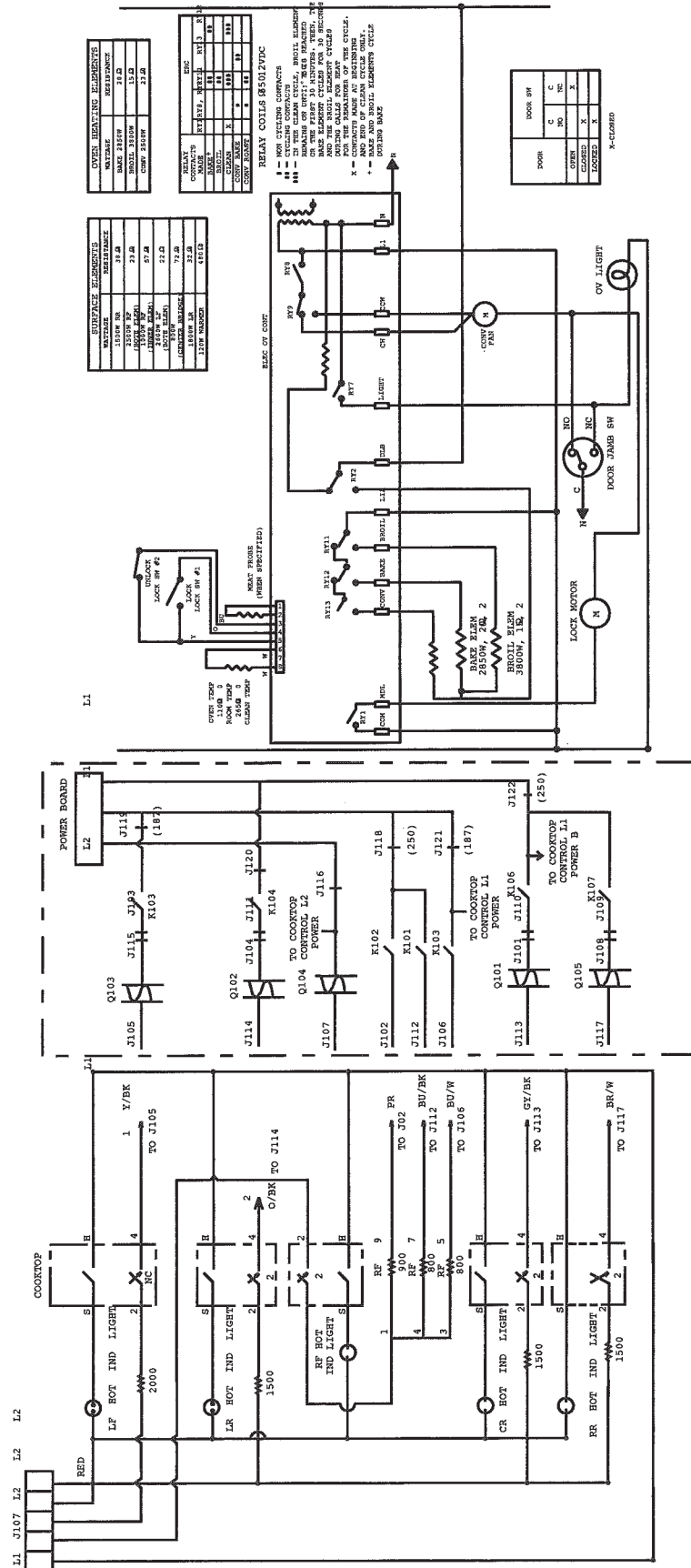


# Lock Motor

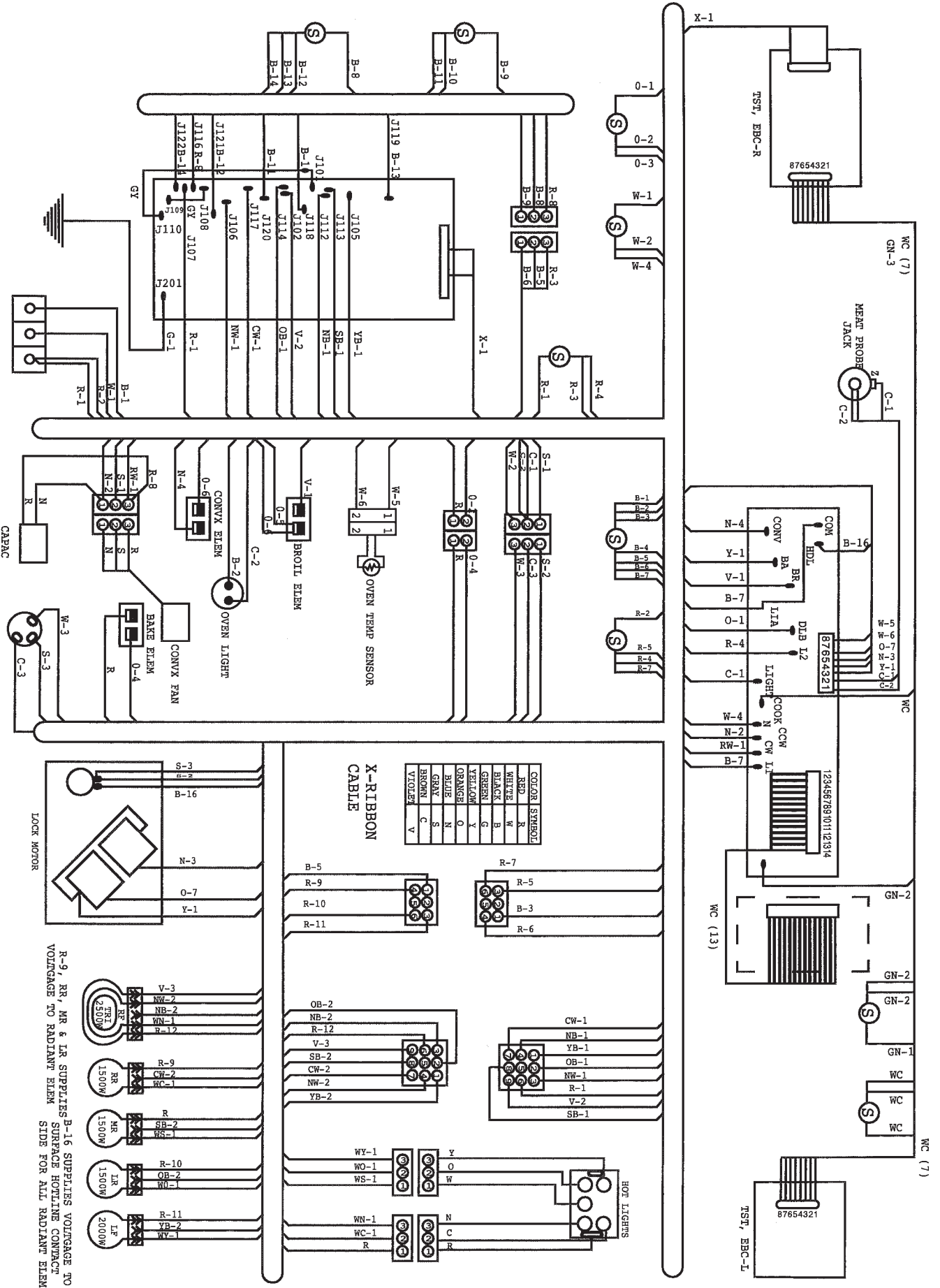


# Schematics and Wiring Diagrams

## JB988 Schematic

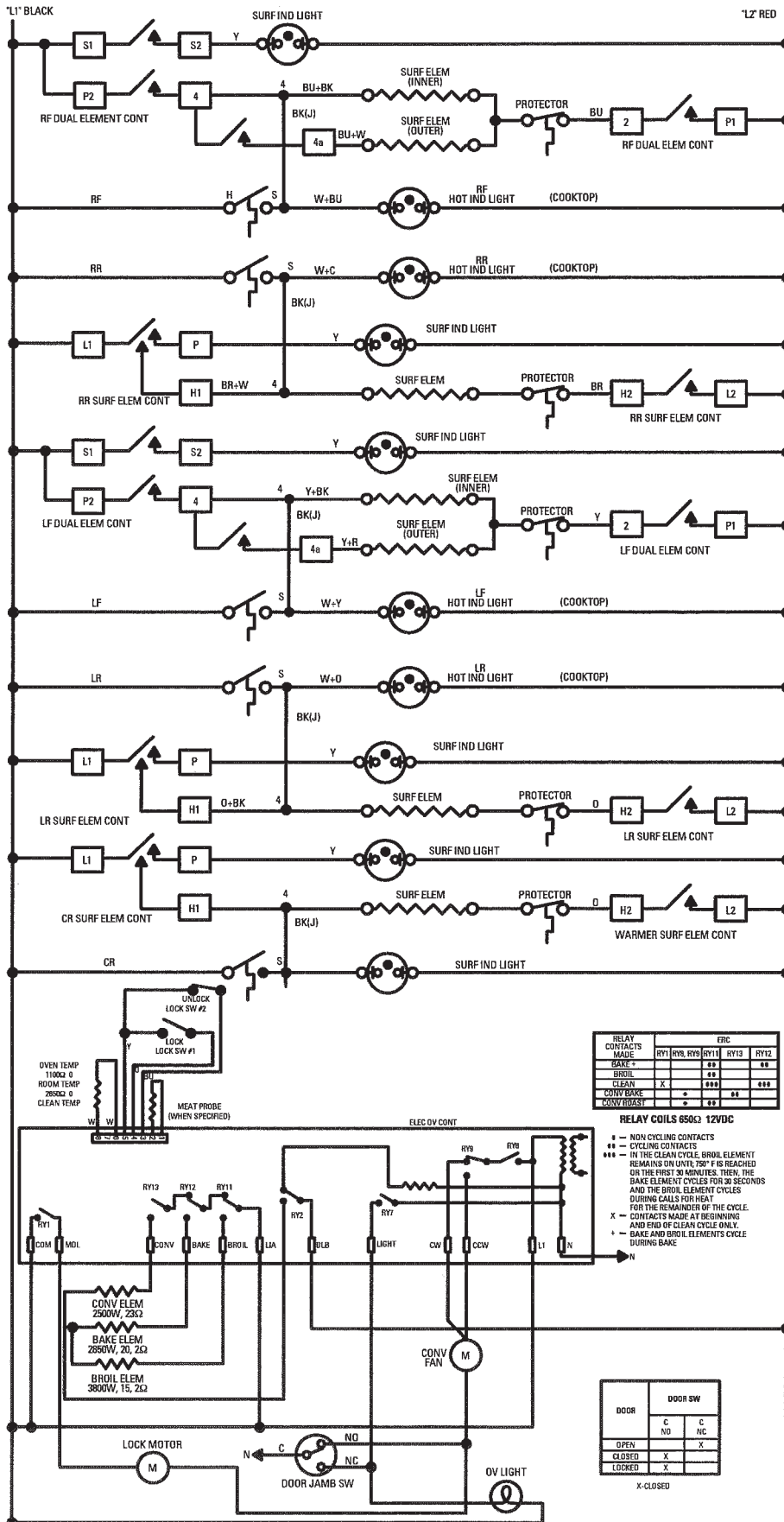


# JB988 Wiring Diagram



R-9, RR, MR & LR SUPPLIES B-16 SUPPLIES VOLTAGE TO SURFACE HOVLIME CONTACT SIDE FOR ALL RADIANT ELEM

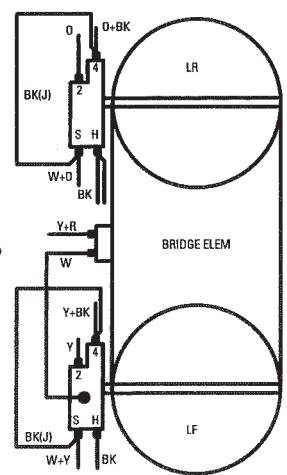
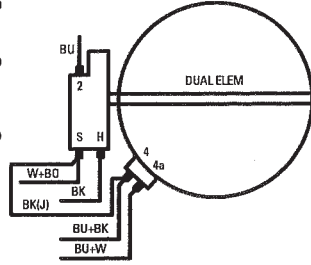
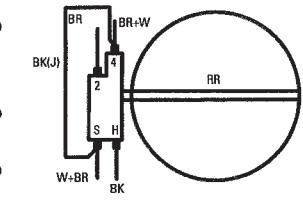
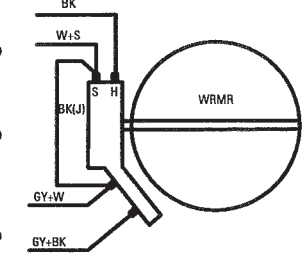
# JB968 Schematic



| SURFACE ELEMENTS      |            |
|-----------------------|------------|
| WATTAGE               | RESISTANCE |
| 1500W RR              | 28.4Ω      |
| 2500W RF (OUTER ELEM) | 23.0Ω      |
| 1000W RF (INNER ELEM) | 57.6Ω      |
| 2500W LF (OUTER ELEM) | 22.2Ω      |
| 3800W (CENTER BRIDGE) | 72.0Ω      |
| 1800W LR              | 32.0Ω      |
| 120W WARMER           | 488.0Ω     |

| OVEN HEATING ELEMENTS |            |
|-----------------------|------------|
| WATTAGE               | RESISTANCE |
| BAKE 2850W            | 23.2Ω      |
| BROIL 2800W           | 15.2Ω      |
| CONV 2500W            | 23.0Ω      |

| DOOR LATCH SWITCH |          |
|-------------------|----------|
| DOOR              | SWITCH   |
|                   | C        |
| UNLOCKED          | 0        |
| LOCKED            | X        |
|                   | X-CLOSED |



| RELAY CONTACTS MADE | FRC |     |     |      |      |      |
|---------------------|-----|-----|-----|------|------|------|
|                     | RY1 | RY8 | RY9 | RY11 | RY13 | RY12 |
| BAKE +              |     | **  |     |      |      | **   |
| BROIL               |     |     | **  |      |      | **   |
| CLEAN               | X   |     |     |      |      | ***  |
| CONV BAKE           |     | +   |     |      |      | **   |
| CONV ROAST          |     |     | +   |      |      | **   |

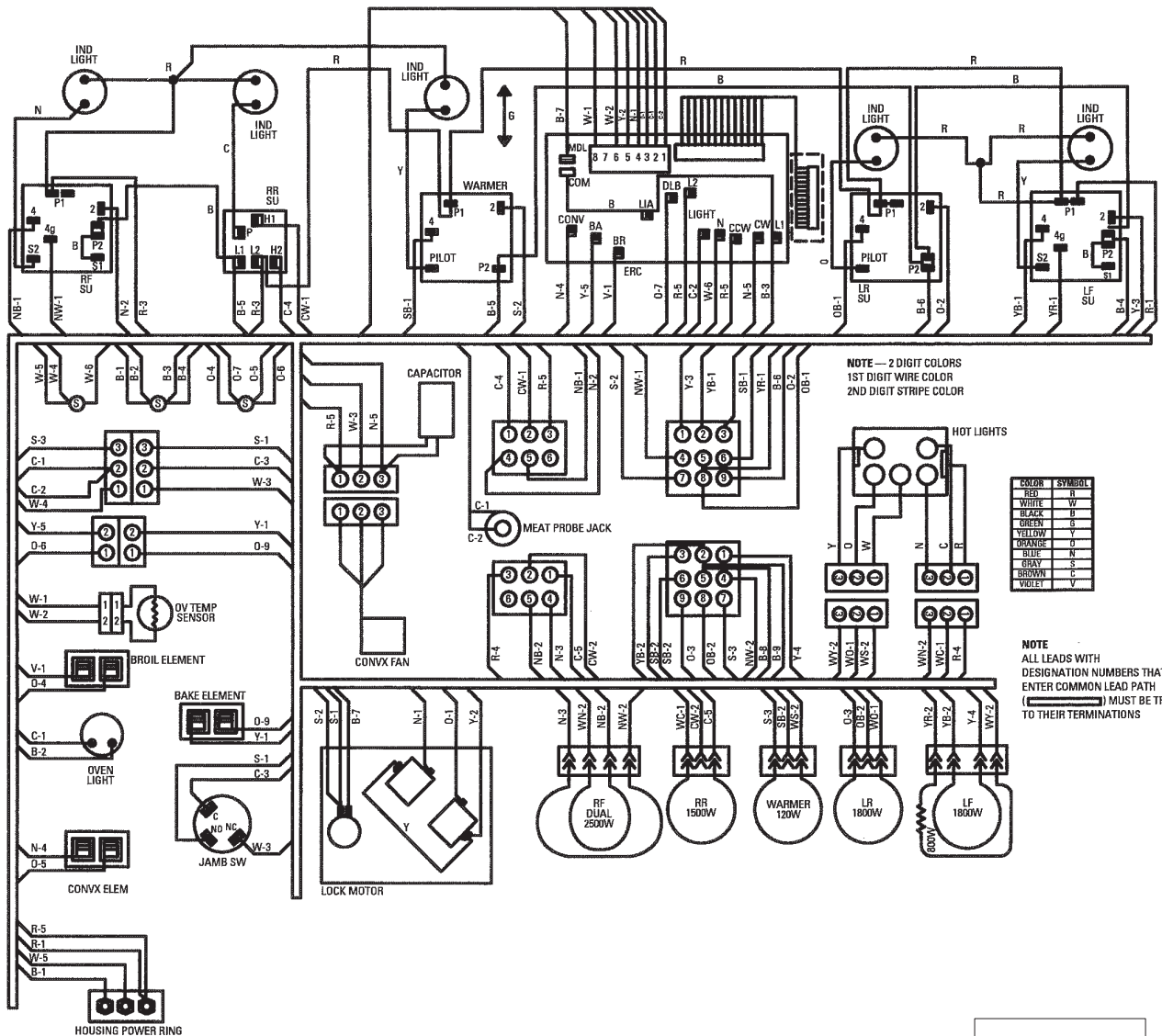
**RELAY COILS 650Ω 12VDC**

- - NON CYCLING CONTACTS
- - CYCLING CONTACTS
- - IN THE CLEAN CYCLE, BROIL ELEMENT REMAINS ON UNTIL 75°F IS REACHED OR THE FIRST 30 MINUTES. THEN, THE BAKE ELEMENT CYCLES FOR 30 SECONDS AND THE BROIL ELEMENT CYCLES DURING CALLS FOR HEAT FOR THE REMAINDER OF THE CYCLE.
- X - CONTACTS MADE AT BEGINNING AND END OF CLEAN CYCLE ONLY.
- + - BAKE AND BROIL ELEMENTS CYCLE DURING BAKE.

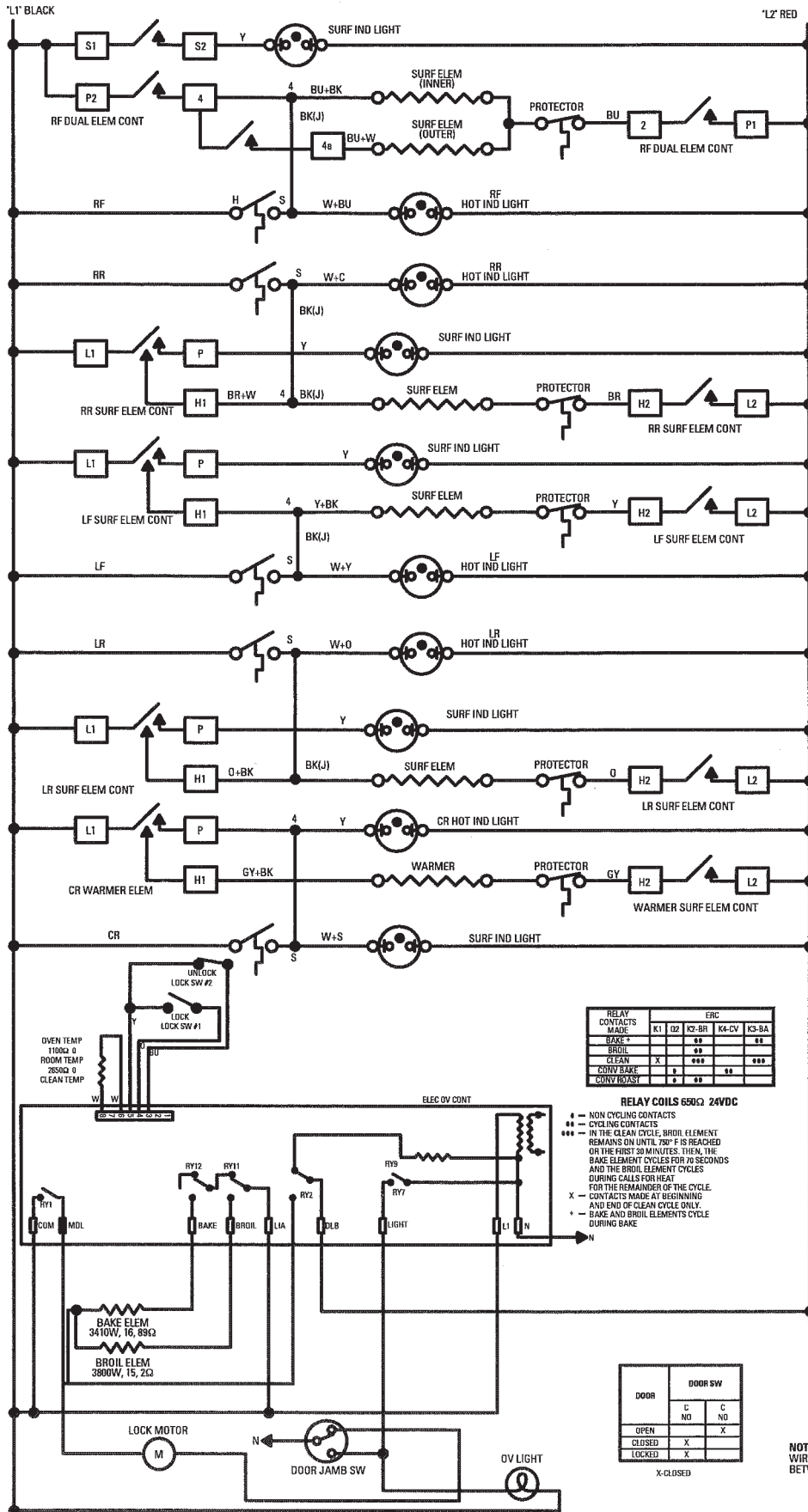
| DOOR SW |   |          |
|---------|---|----------|
| DOOR    | C | C NC     |
| OPEN    |   | X        |
| CLOSED  | X |          |
| LOCKED  | X |          |
|         |   | X-CLOSED |



# JB968 Wiring Diagram



# JB905 Schematic

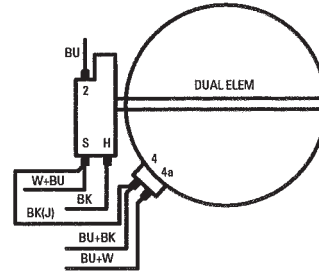
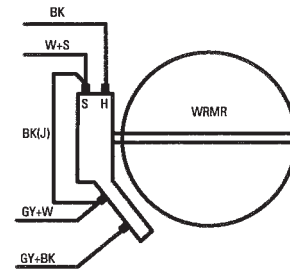


| SURFACE ELEMENTS      |            |
|-----------------------|------------|
| WATTAGE               | RESISTANCE |
| 1500W R/L/R           | 28.4Ω      |
| 2500W RF (BROIL ELEM) | 23.0Ω      |
| 1000W RF (INNER ELEM) | 57.6Ω      |
| 120W WARMER           | 480Ω       |
| 200W LF               | 28.9Ω      |

| OVEN HEATING ELEMENTS |            |
|-----------------------|------------|
| WATTAGE               | RESISTANCE |
| BAKE 3410W            | 16.89Ω     |
| BROIL 3800W           | 15.9Ω      |

| DOOR     | DOOR LATCH SWITCH |    |
|----------|-------------------|----|
|          | C                 | NO |
| UNLOCKED | 0                 | 0  |
| LOCKED   | X                 | X  |

X-CLOSED



| RELAY CONTACTS MADE | ERC |     |       |       |
|---------------------|-----|-----|-------|-------|
|                     | K1  | O2  | K2-BR | K3-BA |
| BAKE +              |     | 00  |       | 00    |
| BROIL               |     | 00  |       | 000   |
| CORV CLEAN          | X   | 000 |       |       |
| CORV BAKE           |     | 0   | 00    |       |
| CORV ROAST          |     | 0   | 00    |       |

**RELAY COILS 650Ω 24VDC**

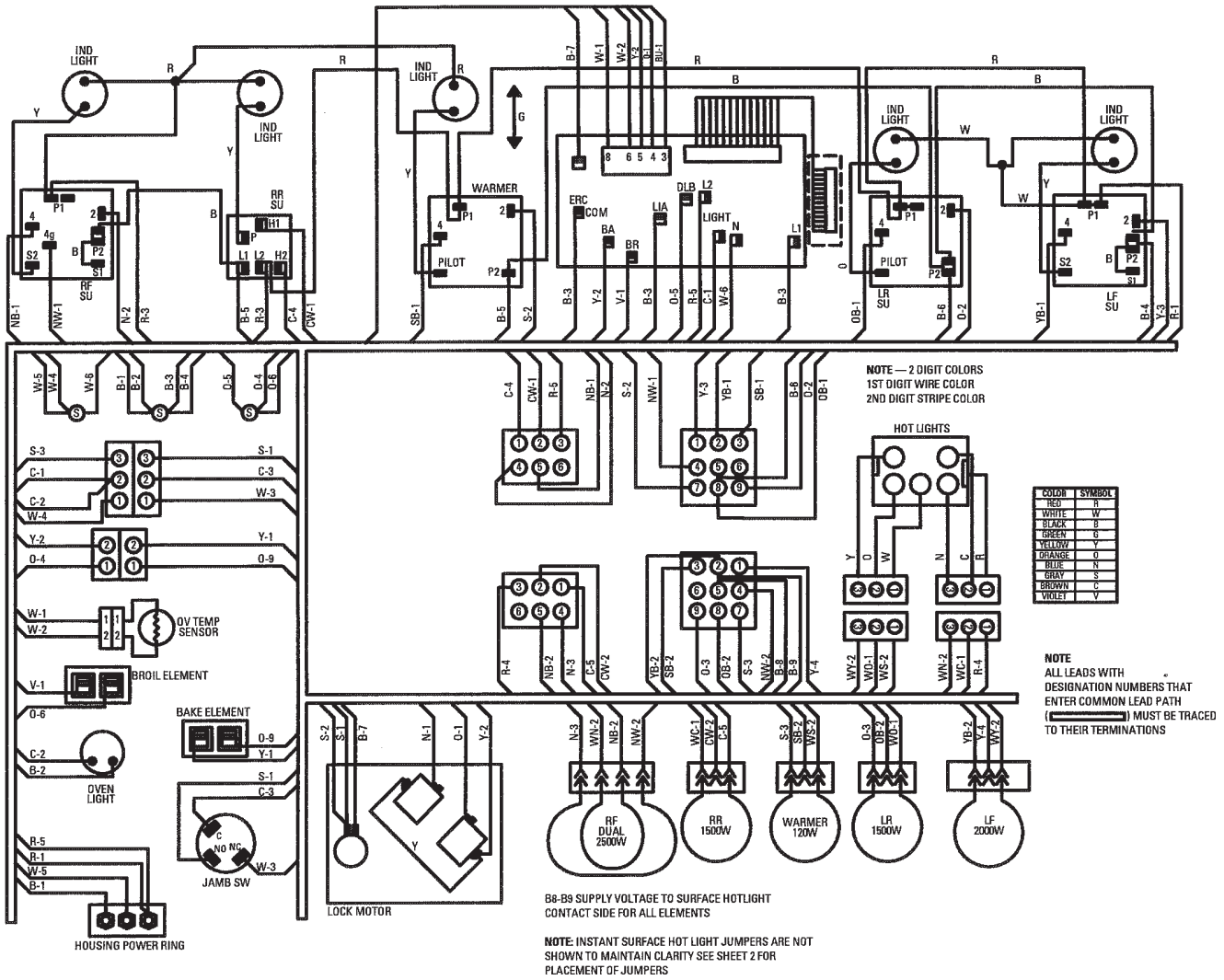
- - NON CYCLING CONTACTS
- - CYCLING CONTACTS
- - IN THE CLEAN CYCLE, BROIL ELEMENT REMAINS ON UNTIL 750°F IS REACHED OR THE FIRST 30 MINUTES. THEN, THE BAKE ELEMENT CYCLES FOR 70 SECONDS AND THE BROIL ELEMENT CYCLES DURING CALLS FOR HEAT FOR THE REMAINDER OF THE CYCLE.
- X - CONTACTS MADE AT BEGINNING AND END OF CLEAN CYCLE ONLY.
- ♦ - BAKE AND BROIL ELEMENTS CYCLE DURING BAKE

| DOOR   | DOOR SW |    |
|--------|---------|----|
|        | C       | NO |
| OPEN   |         | X  |
| CLOSED | X       |    |
| LOCKED | X       |    |

X-CLOSED

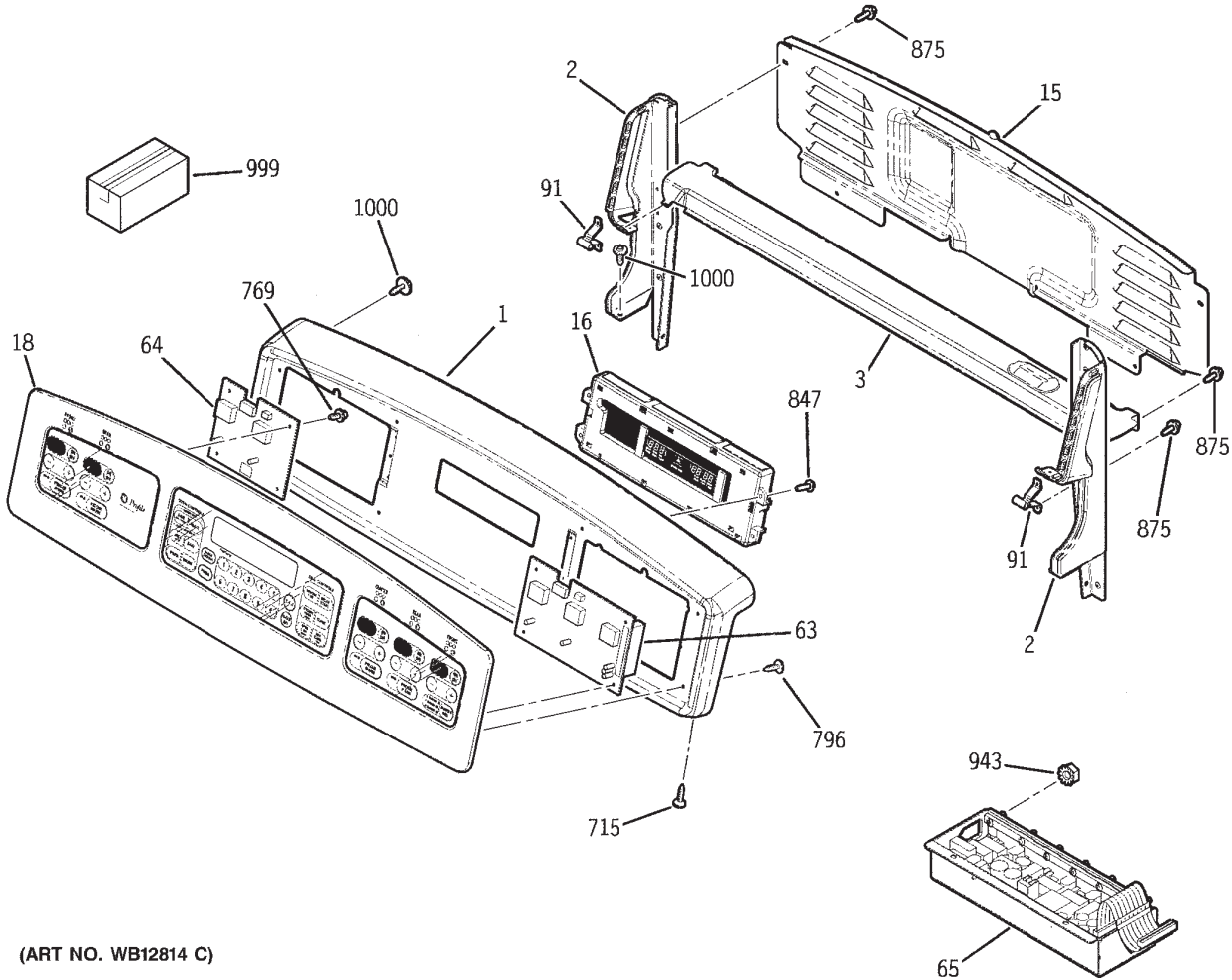
NOTE: BK(J) DENOTES BLACK JUMPER WIRE ON EACH RADIANT ELEMENT BETWEEN TERMINALS 4 & S

# JB905 Wiring Diagram



# Illustrated Parts

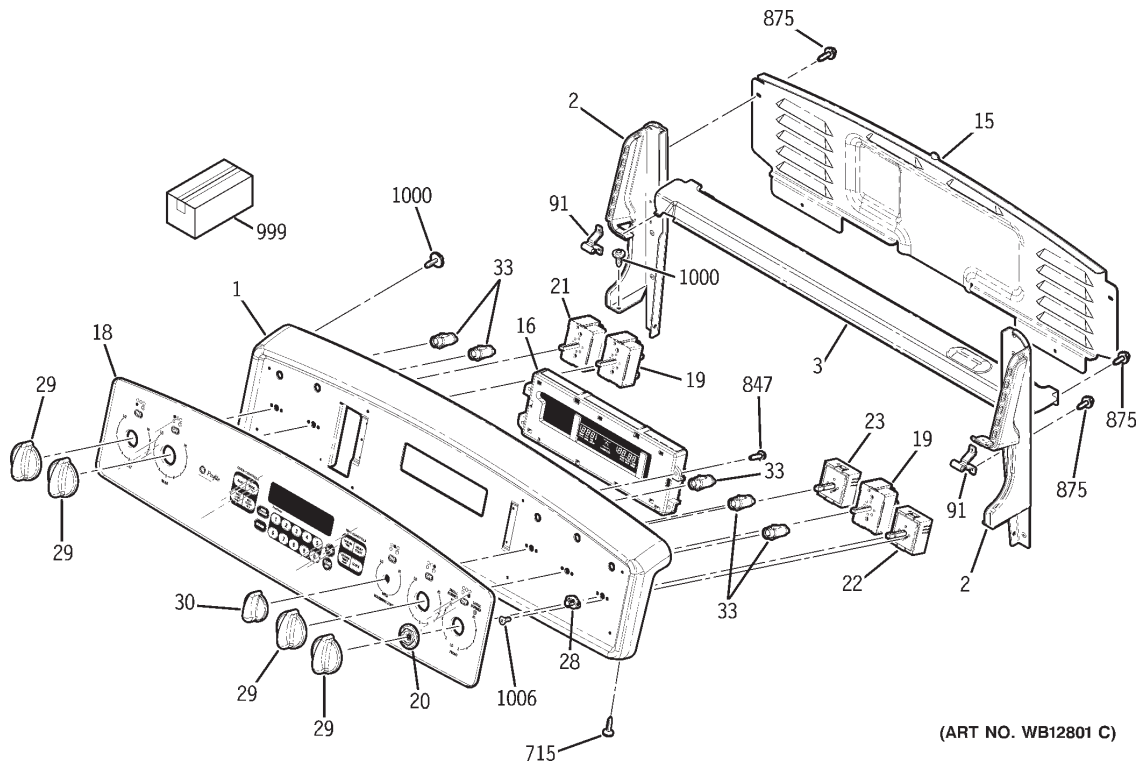
## Control Panel - JB988



(ART NO. WB12814 C)

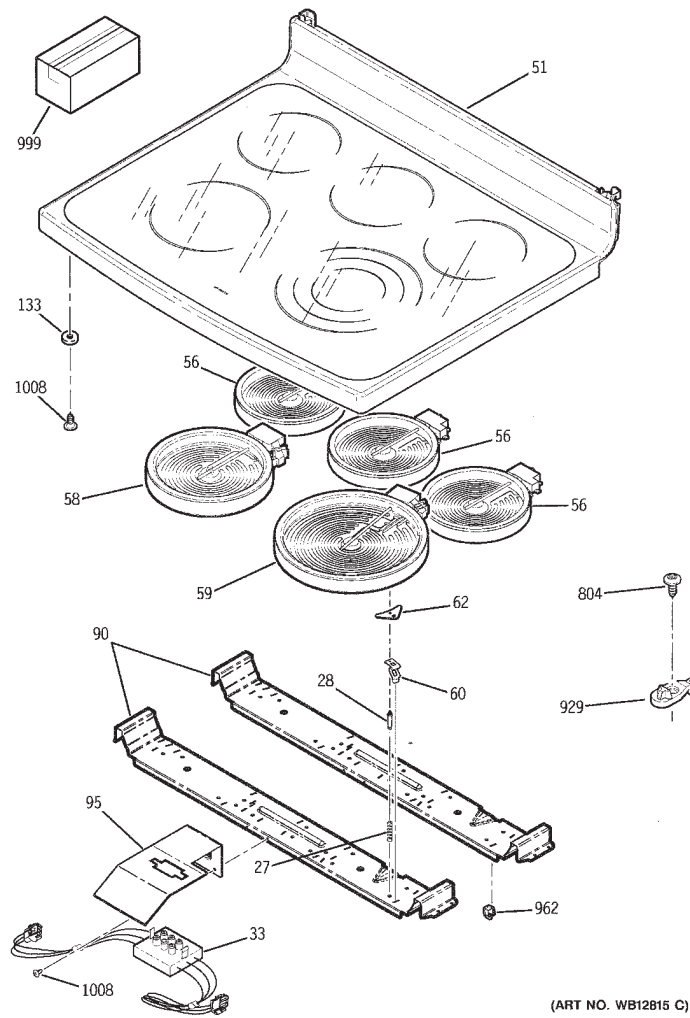
| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION           | QUANTITY | USED ONLY |
|-------------|----------------|-----------------------|----------|-----------|
| 1           | WB36T10673     | TRIM CONTROL          | 1        |           |
| 2           | WB36T10219     | END CAP RT/BLK        | 1        |           |
| 2           | WB36T10220     | END CAP LT/BLK        | 1        |           |
| 3           | WB02T10022     | HEAT SHIELD           | 1        |           |
| 15          | WB34T10084     | COVER CONTROL         | 1        |           |
| 63          | WB27X10693     | BOARD EBC RT          | 1        |           |
| 64          | WB27X10694     | BOARD EBC LT          | 1        |           |
| 65          | WB34T10074     | BOX DROP ASM          | 1        |           |
| 91          | WB10T10002     | MAINTOP HINGE         | 2        |           |
| 715         | WD02X0432      | SCREW 8-18 X 5/16 BK  | 2        |           |
| 769         | WB01X0500      | SCR 8-18 B HXW 1/4 S  | 9        |           |
| 796         | WB01K5116      | SCREW                 | 8        |           |
| 847         | WB01K5167      | SCREW                 | 4        |           |
| 875         | WH02X0930      | SCREW 8-18 AB HXW 3/8 | 17       |           |
| 942         | NOT AVAILABLE  | SELF LOCKING NUT      | 6        |           |
| 999         | 31-14137       | MANUAL MINI & WD ASM  | 1        |           |
| 1000        | WB01T10016     | SCR 8-18 AB HXW 5/8 S | 4        |           |

# Control Panel - JB905 and JB968



| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION              | QUANTITY | USED ON    |
|-------------|----------------|--------------------------|----------|------------|
| 1           | WB36T10670     | TRIM CONTROL             | 1        |            |
| 2           | WB36T10219     | END CAP RT/BLK           | 1        |            |
| 2           | WB36T10220     | END CAP LT/BLK           | 1        |            |
| 3           | WB02T10022     | HEAT SHIELD              | 1        |            |
| 15          | WB34T10081     | COVER CONTROL            | 1        |            |
| 16          | WB27T10484     | CONTROL OVN (ERC3HP)     | 1        |            |
| 16          | WB27T10404     | OVEN CONTROL ( CLOCK)    | 1        | JB905 ONLY |
| 18          | WB29T10031     | CRYSTAL CNTL ASM         | 1        | JB905 ONLY |
| 18          | WB29T10035     | CRYSTAL CNTL ASM         | 1        | JB905 ONLY |
| 19          | WB24T10028     | INF SWITCH CNTL (1500W)  | 1        |            |
| 20          | WB02T10046     | CRYSTAL RETAINER         | 5        |            |
| 21          | NOT AVAILABLE  | SWITCH INF CNTL          | 1        |            |
| 21          | WB24T10026     | INF SWITCH CNTL (2000W)  | 1        | JB905 ONLY |
| 22          | WB24T10063     | SWITCH INF CNTL (DUAL)   | 2        |            |
| 23          | WB24T10057     | SWITCH INFINITE CNTL     | 2        |            |
| 28          | WB02T10047     | CRYSTAL MOUNT            | 5        |            |
| 28          | WB02T10078     | STUD HEATER MOUNT        | 7        |            |
| 29          | WB03T10078     | KNOB                     | 4        |            |
| 30          | WB03T10200     | KNOB GE S/U (BLK)        | 1        |            |
| 33          | WB25T10031     | LIGHT INDICATOR ASM LT   | 1        | JB905 ONLY |
| 33          | WB25T10032     | LIGHT INDICATOR ASM RT   | 1        | JB905 ONLY |
| 33          | WB25T10033     | LIGHT IND ASM            | 5        |            |
| 91          | WB10T10002     | MAINTOP HINGE            | 2        |            |
| 715         | WD02X0432      | SCREW 8-18 X 5/16 BK     | 2        |            |
| 847         | WB01K5167      | SCREW                    | 4        |            |
| 875         | WH02X0930      | SCREW 8-18 AB HXW 3/8    | 19       |            |
| 875         | WB01T10046     | SCR 8-18 AB HW 9/16 BLK  | 11       |            |
| 999         | 31-10414       | INSTALLATION INSTRUCTION | 1        | JB968 ONLY |
| 999         | 49-80164       | MANUAL USE & CARE        | 1        |            |
| 999         | 31-10513       | INSTRUCTION INSTALL      | 1        |            |
| 999         | 31-10563       | INSTRUCTION INSTALL      | 1        | JB905 ONLY |
| 1000        | WB01T10016     | SCR 8-18 AB HXW 5/8 S    | 4        |            |
| 1006        | WB01T10053     | SCR 8-32 TPT FLR .270    | 10       |            |

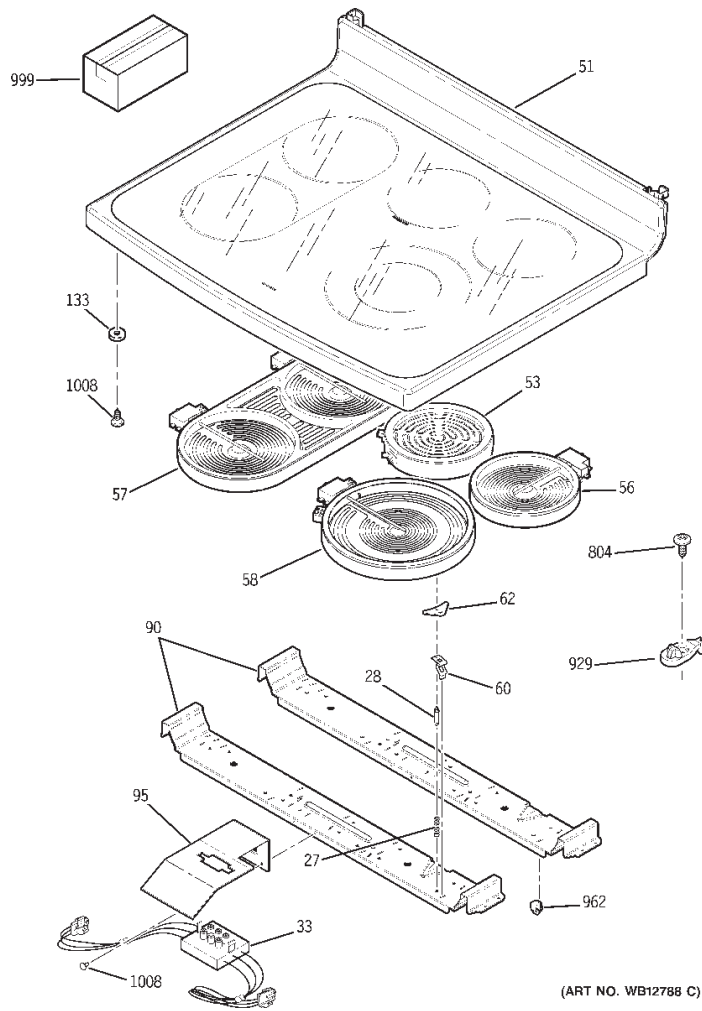
# Cooktop Panel - JB905 and JB988



(ART NO. WB12815 C)

| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION                            | QUANTITY | USED ON    |
|-------------|----------------|--|----------|------------|
| 27          | WB09T10005     | SPRING RADIANT (COMP)                  | 7        |            |
| 28          | WB02T10078     | STUD HEATER MOUNT                      | 7        |            |
| 33          | WB25T10033     | LIGHT IND ASM                          | 1        |            |
| 51          | WB62T10253     | RANGETOP ASM RADIANT                   | 1        | JB988 ONLY |
| 51          | WB62T10256     | RANGETOP ASM RADIANT                   | 1        | JB905 ONLY |
| 56          | WB30T10047     | HALIANT ELEMENT 6"                     | 3        | JB988 ONLY |
| 56          | WB30T10047     | HALIANT ELEMENT 6"                     | 2        | JB905 ONLY |
| 56          | WB30T10087     | WARMER ELEMENT RADIANT (CENTER WARMER) | 1        | JB905 ONLY |
| 58          | WB30T10045     | ELEMENT HALIANT 8" 1900W               | 1        |            |
| 59          | WB30T10044     | HALIANT ELEMENT 9"                     | 1        | JB905 ONLY |
| 59          | WB30T10088     | ELEMENT HALIANT TRI RING               | 1        |            |
| 60          | WB09T10006     | CLIP SPRING                            | 10       |            |
| 62          | WB02K5318      | RADIANT HEATER BRACKET                 | 10       |            |
| 90          | WB02T10176     | RAIL RADIANT ELEMENT                   | 2        |            |
| 95          | WB02T10195     | BRACKET HOTLIGHT                       | 1        |            |
| 133         | WB01T10021     | MAINTOP BUMPER                         | 2        |            |
| 804         | WB01X1127      | SCREW                                  | 10       | JB988 ONLY |
| 804         | WB01X0681      | SCREW                                  | 10       | JB905 ONLY |
| 929         | WB02T10026     | MAINTOP STRIKE                         | 2        |            |
| 962         | WB02T10177     | CLIP CABLE                             | 6        |            |
| 999         | WB64X0093      | GLASS CLEANER                          | 1        | JB905 ONLY |
| 999         | 31-14137       | MANUAL MINI & WD ASM                   | 1        |            |
| 1008        | WB01X5904      | SCR 8-18 BA POR 3/4 SN                 | 18       |            |

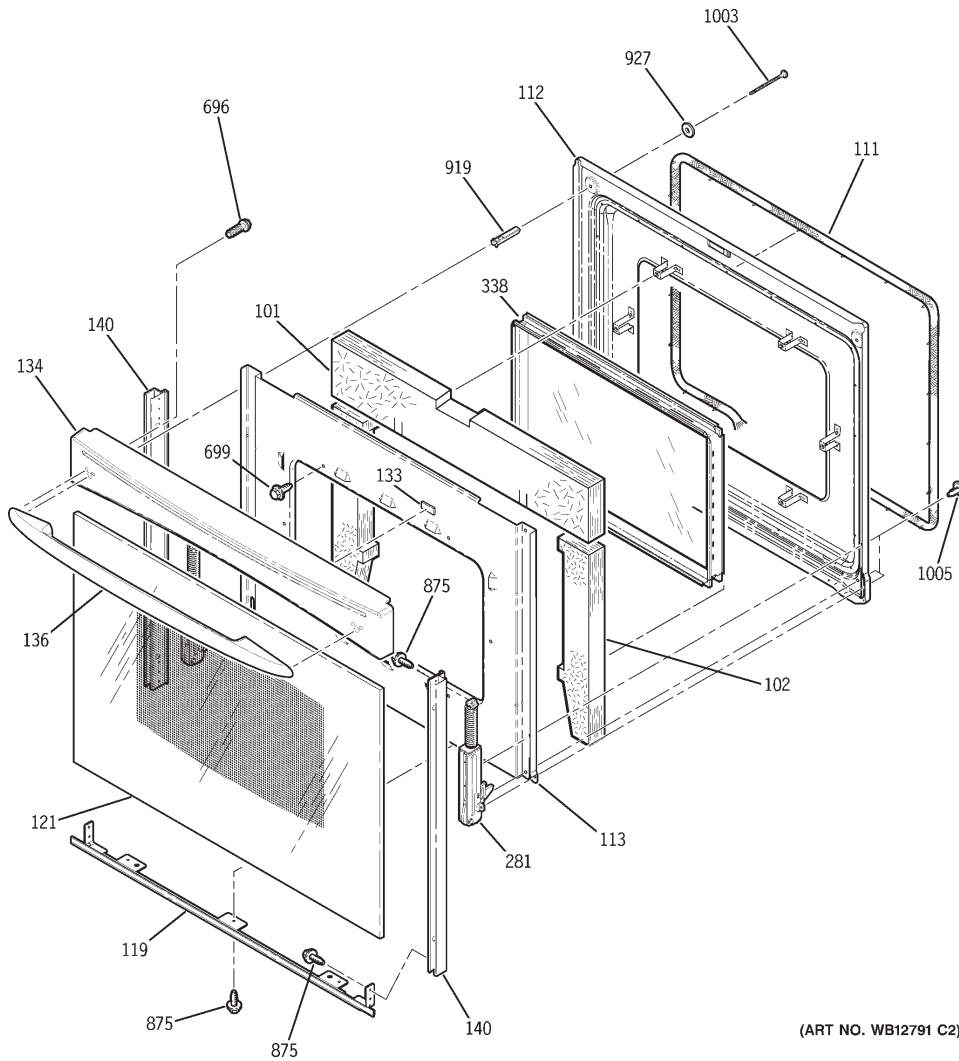
# Cooktop Panel - JB968



(ART NO. WB12788 C)

| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION              | QUANTITY | USED ON |
|-------------|----------------|--------------------------|----------|---------|
| 27          | WB09T10005     | SPRING RADIANT (COMP)    | 7        |         |
| 28          | WB02T10078     | STUD HEATER MOUNT        | 7        |         |
| 33          | WB25T10033     | LIGHT IND ASM            | 1        |         |
| 51          | WB62T10250     | RANGETOP ASM RADIANT     | 1        |         |
| 53          | WB30T10087     | WARMER ELEMENT RADIANT   | 1        |         |
| 56          | WB30T10047     | HALIANT ELEMENT 6"       | 1        |         |
| 57          | WB03T10088     | RADIANT ELEMENT BRIDGE   | 1        |         |
| 58          | WB30T10044     | HALIANT ELEMENT 9"       | 1        |         |
| 60          | WB09T10006     | CLIP SPRING              | 10       |         |
| 62          | WB02K5318      | RADIANT HEATER BRACKET   | 10       |         |
| 90          | WB02T10176     | RAIL RADIANT ELEMENT     | 2        |         |
| 95          | WB02T10195     | BRACKET HOTLIGHT         | 1        |         |
| 133         | WB01T10026     | DOOR PAD                 | 4        |         |
| 804         | WB01X0681      | SCREW                    | 10       |         |
| 929         | WB02T10026     | MAINTOP STRIKE           | 2        |         |
| 962         | WB02T10177     | CLIP CABLE               | 6        |         |
| 999         | 31-10513       | INSTRUCTION INSTALL      | 1        |         |
| 999         | 31-10414       | INSTALLATION INSTRUCTION | 1        |         |
| 999         | WX10X0300      | GLASS CLEANER            | 1        |         |
| 1008        | WB01X5904      | SCR 8-18 BA POR 3/4 SN   | 4        |         |

# Oven Door

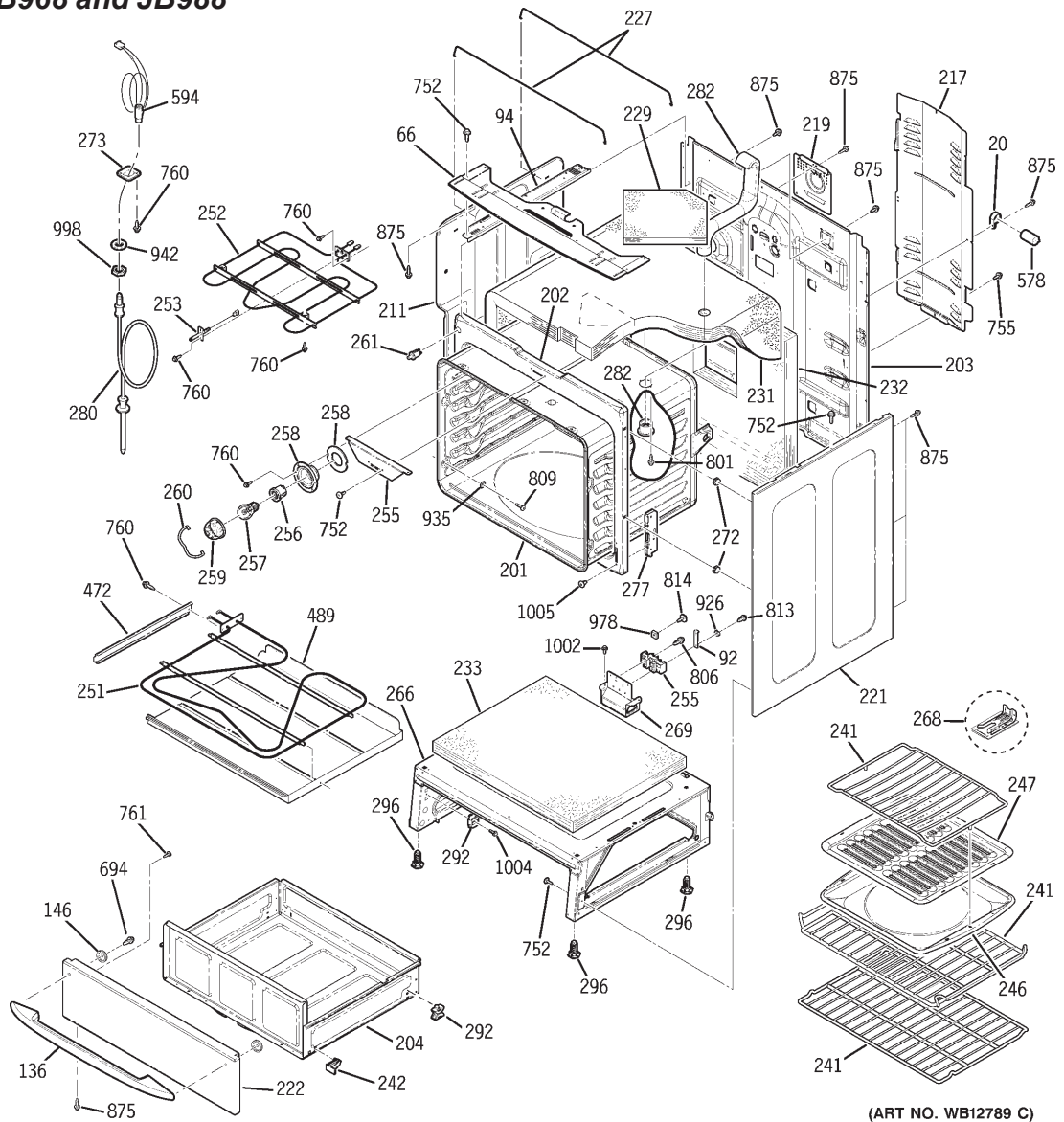


(ART NO. WB12791 C2)

| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION             | QUANTITY | USED ON                 |
|-------------|----------------|-------------------------|----------|-------------------------|
| 101         | WB35T10016     | DOOR INSULATION         | 1        |                         |
| 102         | WB35T10018     | DOOR INSULATION         | 2        |                         |
| 111         | WB04T10022     | GASKET OVN              | 1        |                         |
| 112         | WB55T10120     | LINER OVN DR ASM        | 1        |                         |
| 113         | WB56T10027     | INSLN RETAINER          | 1        |                         |
| 119         | WB07T10268     | TRIM DR BTM CHNL        | 1        | JB905 AND<br>JB968 ONLY |
| 121         | WB56T10138     | GLASS OVN DR (BLK)      | 1        |                         |
| 133         | WB01T10021     | MAINTOP BUMPER          | 2        |                         |
| 134         | WB07T10402     | TRIM VNT DR             | 1        |                         |
| 136         | WB15K10037     | DOOR HANDLE (BLK)       | 1        |                         |
| 140         | WB56T10096     | FRAME DOOR SIDE         | 2        |                         |
| 281         | WB10T10008     | HINGE ASM               | 2        |                         |
| 338         | WB55T10067     | FRAME WINDOW PACK ASM   | 1        |                         |
| 696         | WB01T10071     | SCR 7-19 HI/LO X 3/4    | 4        |                         |
| 699         | WB01K5150      | SCREW ST10-16 X 7/16"   | 6        |                         |
| 875         | WH02X0930      | SCREW 8-18 AB HXW 3/8   | 17       |                         |
| 875         | WB01T10046     | SCR 8-18 AB HW 9/16 BLK | 11       |                         |
| 919         | WB02T10035     | SPACER                  | 2        |                         |
| 927         | WB01X0119      | CONTOURED WASHER        | 2        |                         |
| 875         | WZ4X245D       | SCR 8-18 AB HW 9/16 BLK | 11       |                         |
| 1003        | WB01T10067     | SCR 10-16 PL PNT 2.5 S  | 2        |                         |
| 1005        | WB01T10008     | SCR 10-32 TR T          | 6        |                         |



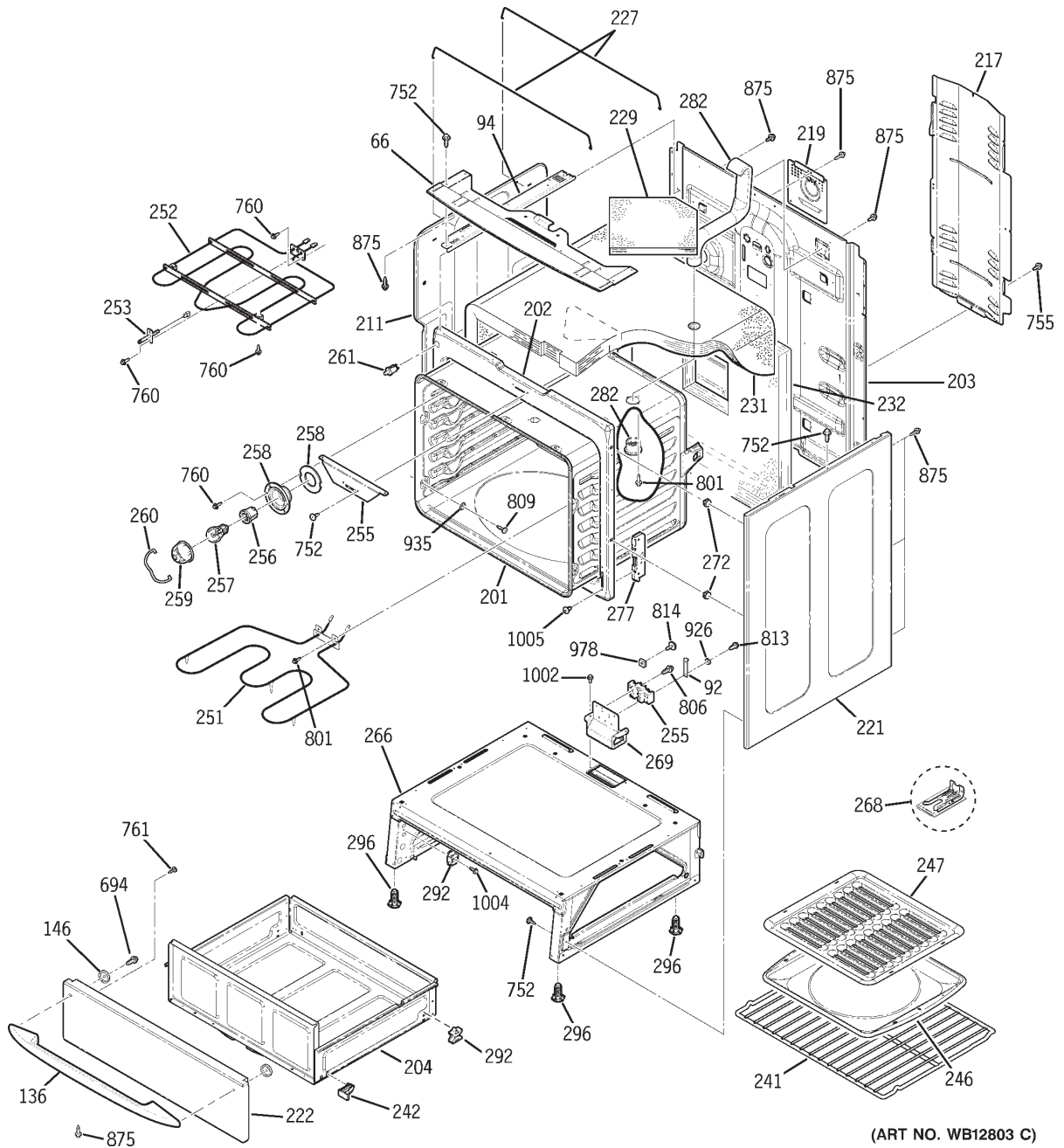
# Oven - JB968 and JB988



| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION              | QUANTITY | USED ON    |
|-------------|----------------|--------------------------|----------|------------|
| 20          | WB02T10194     | BRACKET CAPACITOR        | 1        |            |
| 66          | WB34T10083     | ENCLOSURE RANGETOP       | 1        |            |
| 92          | WB02T10067     | GROUND STRAP             | 1        |            |
| 94          | WB02T10132     | BRACE CHASSIS (RAD)      | 1        | JB988 ONLY |
| 94          | WB02T10133     | BRACE CHASSIS (RAD)      | 1        | JB968 ONLY |
| 136         | WB15K10039     | DRAWER HANDLE (BLK)      | 1        |            |
| 146         | WB02X9037      | DOOR HANDLE SPACER-BLACK | 6        |            |
| 201         | WB63T10099     | BODY OVEN WELD ASM       | 1        |            |
| 202         | WB63T10054     | FRONT FRAME              | 1        |            |
| 203         | WB63T10047     | MAIN BACK                | 1        |            |
| 204         | WB55T10046     | STORAGE DRAWER LINING    | 1        |            |
| 211         | WB02T10028     | SIDE INSULATION RETAINER | 2        |            |
| 217         | WB34T10012     | BACK COVER               | 1        |            |
| 219         | WB34T10011     | RECEPTICLE COVER         | 1        |            |
| 221         | WB63T10051     | BODY SIDE/BLACK          | 2        |            |
| 222         | WB56T10124     | PANEL DRAWER             | 1        |            |
| 227         | WB02T10196     | WIRE INSLN OVN           | 1        |            |
| 229         | WB35T10017     | VENT TUBE INSULATION     | 1        |            |
| 229         | WB35T10087     | INSULATION CONV.         | 1        |            |
| 231         | WB35T10093     | INSULATION OVEN          | 1        |            |
| 232         | WB35T10023     | OVN BACK/BTM INSULATION  | 1        |            |

| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION              | QUANTITY | USED ON    |
|-------------|----------------|--------------------------|----------|------------|
| 233         | WB35T10022     | HIDDEN BAKE INSULATION   | 1        |            |
| 241         | WB48T10018     | (LARGE) ROASTING RACK    | 1        |            |
| 241         | WB48T10032     | RACK OVN (OFFSET)        | 1        |            |
| 241         | WB48T10033     | RACK OVEN (SC)           | 2        |            |
| 242         | WB48T10012     | DRAWER GUIDE             | 2        |            |
| 246         | WB48T10017     | BROILER PAN GRID (LG)    | 1        |            |
| 247         | WB48T10006     | BROILER PAN              | 1        |            |
| 247         | WB48T10002     | BROILER PAN              | 1        |            |
| 247         | WB48T10016     | BROILER PAN (LG)         | 1        | JB968 ONLY |
| 251         | WB44T10026     | UNIT ASM (H/B)           | 1        |            |
| 252         | WB44T10012     | UNIT BROIL ASM DELUXE    | 1        |            |
| 253         | WB21T10007     | SENSOR ASM               | 1        |            |
| 255         | WB07T10109     | LATCH TRIM               | 1        |            |
| 255         | WB17T10003     | MAIN TERMINAL BLOCK      | 1        |            |
| 256         | WB08T10026     | RECEPTACLE PUSH-IN       | 1        |            |
| 256         | WB08T10004     | RECEPTACLE PUSH-IN       | 1        |            |
| 257         | WX12X1510      | OVEN LIGHT BULB          | 1        |            |
| 258         | WB02T10027     | OVEN LIGHT GASKET        | 1        |            |
| 258         | WB02T10037     | OVEN LIGHT CUP           | 1        |            |
| 259         | WB36X0389      | OV LAMP LENS             | 1        | JB988 ONLY |
| 259         | WB36X0192      | OV LAMP LENS             | 1        | JB968 ONLY |
| 260         | WB02X7694      | LIGHT LENS BAIL          | 1        |            |
| 261         | WB24X5316      | OVEN LIGHT SWITCH        | 1        |            |
| 266         | WB39T10001     | BASE RIVET ASM           | 1        |            |
| 268         | WB02T10069     | ANTI-TIP BRACKET         | 1        | JB988 ONLY |
| 268         | WB02T10053     | ANTI-TIP BRACKET         | 1        | JB968 ONLY |
| 269         | WB34T10082     | MOUNT TERMINAL BLOCK     | 1        |            |
| 272         | WB02T10034     | SIDE SUPPORT PANEL       | 4        |            |
| 273         | WB02X8309      | PROBE COVER (NOT SHOWN)  | 1        | JB968 ONLY |
| 277         | WB10T10005     | HINGE RECEIVER           | 2        |            |
| 280         | WB20X5064      | THERMISTOR PROBE         | 1        | JB988 ONLY |
| 280         | WB20X5050      | THERMISTOR PROBE         | 1        | JB968 ONLY |
| 282         | WB38T10022     | TUBE VENT RADIANT        | 1        |            |
| 282         | WB38T10012     | VENT TUBE ASM            | 1        |            |
| 292         | WB48T10013     | FRT DRAWER SUPPORT       | 2        |            |
| 292         | WB48T10030     | SUPPORT REAR             | 2        |            |
| 296         | WB02X10521     | LEG LEVELER              | 4        |            |
| 472         | WB49T10007     | SIDE REFLECTOR           | 1        |            |
| 489         | WB49T10006     | PAN REFLECTOR            | 1        |            |
| 578         | WB27T10503     | CAPACITOR MOTOR          | 1        |            |
| 594         | WB08T10005     | JACK RECEPTACLE          | 1        |            |
| 694         | WB01K5157      | SCREW                    | 2        |            |
| 752         | WB01K5200      | SCREW                    | 4        |            |
| 760         | WB01K5028      | SCREW                    | 2        | JB988 ONLY |
| 760         | WB01X0536      | SCREW                    | 2        | JB968 ONLY |
| 761         | WB01X5364      | SCREW (CR)               | 2        |            |
| 752         | 340531         | SCREW                    | 4        |            |
| 755         | WZ4X44D        | SCREW                    | 1        | JB988 ONLY |
| 755         | WZ04X0044      | SCREW                    | 1        | JB968 ONLY |
| 801         | WB01M0001      | SCREW                    | 10       |            |
| 806         | WH02X1186      | SCR 8-18 AB IHW 5/8 S    | 2        |            |
| 809         | WB01X1137      | SCREW                    | 5        |            |
| 813         | WB01X1261      | SCREW                    | 2        |            |
| 814         | WB01T10056     | SCR 10-32 IND HWX .437   | 3        |            |
| 875         | WB01T10046     | SCR 8-18 AB HW 9/16 BLK  | 11       |            |
| 875         | WZ4X245D       | SCR 8-18 AB HW 9/16 BLK  | 11       | JB988 ONLY |
| 875         | WH02X0930      | SCREW 8-18 AB HWX 3/8    | 19       | JB968 ONLY |
| 926         | WB01X1260      | GROUND WASHER            | 1        |            |
| 935         | WB01K5174      | WASHER                   | 4        |            |
| 942         | WB01X5573      | WASHER                   | 1        |            |
| 978         | WB01X5968      | NUT                      | 3        |            |
| 998         | WB01X5572      | NUT                      | 1        |            |
| 1002        | WB01T10017     | SCR 8-18 AB IHW 3/8 S NS | 5        |            |
| 1004        | WH02X0941      | SCR 8-15 A HWX 7/8 S     | 2        |            |
| 1005        | WB01T10008     | SCR 10-32 TR T           | 6        |            |

# Oven - JB905

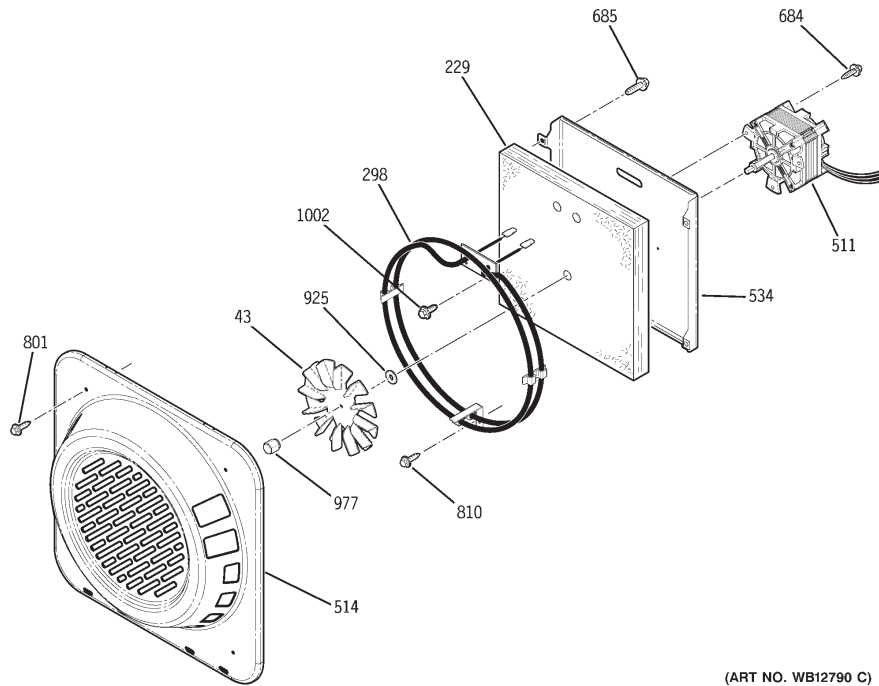


(ART NO. WB12803 C)

| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION              | QUANTITY | USED ON |
|-------------|----------------|--------------------------|----------|---------|
| 66          | WB34T10083     | ENCLOSURE RANGETOP       | 1        |         |
| 92          | WB02T10067     | GROUND STRAP             | 1        |         |
| 94          | WB02T10132     | BRACE CHASSIS (RAD)      | 1        |         |
| 94          | WB02T10133     | BRACE CHASSIS (RAD)      | 1        |         |
| 136         | WB15K10039     | DRAWER HANDLE (BLK)      | 1        |         |
| 146         | WB02X9037      | DOOR HANDLE SPACER-BLACK | 6        |         |
| 201         | WB63T10046     | OVEN BODY                | 1        |         |
| 202         | WB63T10096     | FRAME FRONT              | 1        |         |
| 203         | WB63T10047     | MAIN BACK                | 1        |         |
| 204         | WB55T10046     | STORAGE DRAWER LINING    | 1        |         |
| 211         | WB02T10028     | SIDE INSULATION RETAINER | 2        |         |
| 217         | WB34T10012     | BACK COVER               | 1        |         |
| 219         | WB34T10011     | RECEPTACLE COVER         | 1        |         |

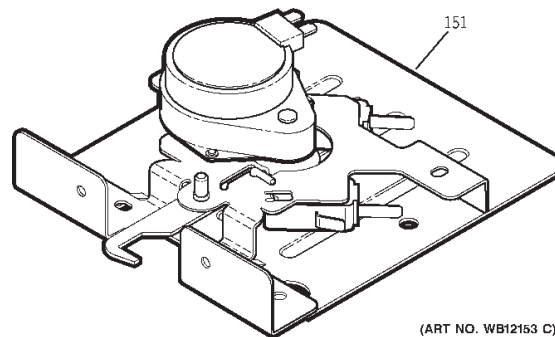
| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION              | QUANTITY | USED ON |
|-------------|----------------|--------------------------|----------|---------|
| 221         | WB63T10051     | BODY SIDE/BLACK          | 2        |         |
| 222         | WB56T10124     | PANEL DRAWER             | 1        |         |
| 227         | WB02T10196     | WIRE INSLN OVN           | 1        |         |
| 229         | WB35T10017     | VENT TUBE INSULATION     | 1        |         |
| 231         | WB35T10012     | OVN TOP/SIDE INSULATION  | 1        |         |
| 232         | WB35T10011     | OVN BACK INSULATION      | 1        |         |
| 241         | WB48T10011     | OVEN RACK                | 1        |         |
| 242         | WB48T10012     | DRAWER GUIDE             | 2        |         |
| 246         | WB48T10005     | BROILER PAN GRID         | 1        |         |
| 246         | WB48T10001     | BROILER PAN GRID         | 1        |         |
| 247         | WB48T10006     | BROILER PAN              | 1        |         |
| 251         | WB44T10011     | UNIT BAKE ASM (DELUXE)   | 1        |         |
| 252         | WB44T10012     | UNIT BROIL ASM DELUXE    | 1        |         |
| 253         | WB21T10007     | SENSOR ASM               | 1        |         |
| 255         | WB07T10109     | LATCH TRIM               | 1        |         |
| 256         | WB08T10026     | RECEPTACLE PUSH-IN       | 1        |         |
| 257         | WX12X1510      | OVEN LIGHT BULB          | 1        |         |
| 258         | WB02T10027     | OVEN LIGHT GASKET        | 1        |         |
| 258         | WB02T10037     | OVEN LIGHT CUP           | 1        |         |
| 259         | WB36X0389      | OV LAMP LENS             | 1        |         |
| 260         | WB02X7694      | LIGHT LENS BAIL          | 1        |         |
| 261         | WB24X5316      | OVEN LIGHT SWITCH        | 1        |         |
| 266         | WB39T10001     | BASE RIVET ASM           | 1        |         |
| 268         | WB02T10069     | ANTI-TIP BRACKET         | 1        |         |
| 268         | WB02T10053     | ANTI-TIP BRACKET         | 1        |         |
| 269         | WB17T10002     | TERMINAL BOX             | 1        |         |
| 272         | WB02T10034     | SIDE SUPPORT PANEL       | 4        |         |
| 277         | WB10T10005     | HINGE RECEIVER           | 2        |         |
| 282         | WB38T10022     | TUBE VENT RADIANT        | 1        |         |
| 282         | WB38T10012     | VENT TUBE ASM            | 1        |         |
| 292         | WB48T10013     | FRT DRAWER SUPPORT       | 2        |         |
| 292         | WB48T10030     | SUPPORT REAR             | 2        |         |
| 296         | WB02X10521     | LEG LEVELER              | 4        |         |
| 694         | WB01K5157      | SCREW                    | 4        |         |
| 752         | WB01K5200      | SCREW                    | 10       |         |
| 752         | 340531         | SCREW                    | 10       |         |
| 755         | WZ04X0044      | SCREW                    | 1        |         |
| 760         | WB01K5028      | SCREW                    | 15       |         |
| 760         | WB01X0536      | SCREW                    | 15       |         |
| 761         | WB01X5364      | SCREW (CR)               | 2        |         |
| 801         | WB01M0001      | SCREW                    | 12       |         |
| 806         | WH02X1186      | SCR 8-18 AB IHW 5/8 S    | 2        |         |
| 809         | WB01X1137      | SCREW                    | 5        |         |
| 813         | WB01X1261      | SCREW                    | 2        |         |
| 814         | WB01T10056     | SCR 10-32 IND HXW .437   | 3        |         |
| 875         | WH02X0930      | SCREW 8-18 AB HXW 3/8    | 27       |         |
| 875         | WB01T10046     | SCR 8-18 AB HW 9/16 BLK  | 11       |         |
| 926         | WB01X1260      | GROUND WASHER            | 1        |         |
| 929         | WB02T10026     | MAINTOP STRIKE           | 2        |         |
| 935         | WB01K5174      | WASHER                   | 4        |         |
| 962         | WB02T10177     | CLIP CABLE               | 2        |         |
| 978         | WB01X5968      | NUT                      | 3        |         |
| 1002        | WB01T10017     | SCR 8-18 AB IHW 3/8 S NS | 2        |         |
| 1004        | WH02X0941      | SCR 8-15 A HXW 7/8 S     | 2        |         |
| 1005        | WB01T10008     | SCR 10-32 TR T           | 10       |         |
| 1008        | WB01X5904      | SCR 8-18 BA POR 3/4 SN   | 2        |         |

## Convection Fan



| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION              | QUANTITY | USED ON |
|-------------|----------------|--------------------------|----------|---------|
| 43          | WB02T10142     | BLADE FAN CONVX          | 1        |         |
| 229         | WB35T10087     | INSULATION CONV.         | 1        |         |
| 298         | WB44T10020     | ELEMENT CONVX            | 1        |         |
| 511         | WB26T10020     | MOTOR PSC CONV           | 1        |         |
| 514         | WB26T10012     | COVER FAN (CONVX)        | 1        |         |
| 534         | WB02T10180     | BRACKET FAN MOTOR CONV   | 1        |         |
| 684         | WB01T10047     | SCR 8-32 X .625 M HXW S  | 3        |         |
| 685         | WB01T10069     | SCR 8-32 IHW ST1 .312 NI | 4        |         |
| 801         | WB01M0001      | SCREW                    | 10       |         |
| 810         | WB01T10072     | SCR 10-16 AB IHW .625 NI | 4        |         |
| 925         | WB01T10010     | WASHER                   | 1        |         |
| 977         | WB02T10017     | NUT                      | 1        |         |
| 1002        | WB01T10017     | SCR 8-18 AB IHW 3/8 S NS | 5        |         |

## Door Latch



| VIEW NUMBER | CATALOG NUMBER | DESCRIPTION         | QUANTITY |
|-------------|----------------|---------------------|----------|
| 151         | WB15T10098     | LATCH MOTORIZED ASM | 1        |

# 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 [www.GEAppliances.com](http://www.GEAppliances.com), or call 800.GE.CARES (800.432.2737).

## What Is Covered:

| <b>For The Period Of:</b>                                    | <b>We Will Provide:</b>   |
|--|---|
| <b>One Year</b><br>From the date of the original purchase:   | <b>Any part</b> of the range which fails due to a defect in materials or workmanship. During this <b>full one-year warranty</b> , we will also provide, <b>free of charge</b> , all labor and in-home service to replace the defective part.  |
| <b>Five Years</b><br>From the date of the original purchase: | <b>A replacement glass cooktop</b> if it should crack due to thermal shock, discolor, crack at the rubber seal between the glass cooktop and the porcelain edge, or if the pattern wears off.<br><br><b>A replacement radiant surface unit</b> if it should burn out.<br><br>During this <b>limited additional four-year warranty</b> , you will be responsible for any labor or in-home service. |

## What Is Not Covered:

- Service trips to your home to teach you how to use the product.
- Replacement of home fuses or resetting of circuit breakers.
- Incidental or consequential damage caused by possible defects with this appliance.
- Damage to the product caused by accident, fire, floods or acts of God.
- Failure of the product if it is abused, misused, or used for other than its intended purpose or used commercially.
- Improper installation.
- Damage to the glass cooktop caused by the use of cleaners other than the recommended cleaning creams and pads.
- Damage to the glass cooktop caused by hardened spills of sugary materials or melted plastic that are not cleaned in accordance to the directions in the Owner's Manual.

*This warranty is extended to the original purchaser and any succeeding owner for products purchased for ordinary home use within the USA. 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, 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 Electrical Company. Louisville, KY 40225**

