

30" RADIANT FREE-STANDING CONVECTION RANGE

IMPORTANT SAFETY NOTICE: This information 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. Neither the manufacturer nor the seller can be responsible for the interpretation of this information or assume any liability in connection with its use.

DISCONNECT POWER BEFORE SERVICING

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



⚠ WARNING

Tip-Over Hazard

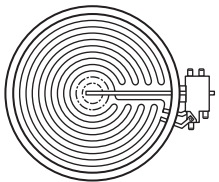
A child or adult can tip the range and be killed. Verify the anti-tip bracket has been properly installed and engaged. Ensure the anti-tip bracket is re-engaged when the range is moved. Do not operate the range without the anti-tip bracket in place and engaged. Failure to follow these instructions can result in death or serious burns to children or adults.

To reduce the risk of tipping the range, the range must be secured by a properly installed anti-tip bracket. See installation instructions shipped with the bracket for complete details before attempting to install. To check if the bracket is installed and engaged properly, look underneath the range to see that the leveling leg is engaged in the bracket. On some models, the storage drawer or kick panel can be removed for easier inspection. If visual inspection is not possible, slide the range forward, confirm the anti-tip bracket is securely attached to the floor or wall, and slide the range back so the leveling leg is under the anti-tip bracket. If the range is pulled from the wall for any reason, always repeat this procedure to verify the range is properly secured by the anti-tip bracket. Never completely remove the leveling legs or the range will not be secured to the anti-tip device properly.

If an anti-tip bracket is not present, call 1.800.626.8774 to receive one at no cost (in Canada, call 1.800.561.3344). For installation instructions of the bracket, visit GEAppliances.com (in Canada, GEAppliances.ca).

RADIANT HEATING ELEMENT SYSTEMS

Heating Elements: The radiant heating element consists of a spiral-wound resistance wire attached to microporous insulation with molded ceramic fiber walls in a corrosion-protected metal tray.



The Heating Elements come in various sizes:

- 6" – 240 Volt, 1200 Watts
- 8"/5" – 240 Volt, 1900 Watts
- 8" – 240 Volt, 2000 Watts
- 12"/9"/6" – 240 Volt, 3600 Watts
- Warmer – 240 Volt, 120 Watts

HOT SURFACE INDICATOR LIGHT

The Hot Surface Indicator Lights are now under the cooktop. The Hot Surface Indicator Light will be turned on by an additional set of contacts on the limiter as long as the glass temperature exceeds 65.56° C (150° F).

TEMPERATURE LIMIT/HOT LIGHT SWITCH

The Temperature Limit/Hot Light Switch performs two functions:

1. Turns on HOT LIGHT when the glass surface above the heating unit exceeds 65.56° C (150° F) (even after surface unit switch has been turned off).
2. Detects when the glass temperature above a unit has exceeded its limit of approximately 555° C (1031° F) and disconnects power to that unit. When the glass temperature cools below 555° C (1031° F), the unit will turn back on. The temperature limit/hot light switch cannot be calibrated.

CONTROL PANEL ASSEMBLY AND REMOVAL

The control panel contains the Main Logic Board, burner touch boards and oven touch board.

To service:

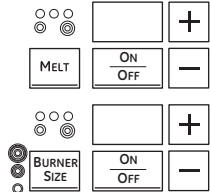
1. Remove the 2 screws (from bottom) securing the control panel assembly to the backguard endplates.
2. Remove the 3 screws at the top, in the back of the range.
3. Pull out the bottom of the panel while lifting the panel up.
4. Lay the panel assembly on the cooking surface.

⚠ CAUTION: Place a protective covering (such as a towel) between the control panel and the cooking surface to avoid damage to the control panel.

COOKTOP BURNER CONTROLS

To use the cooktop burners:

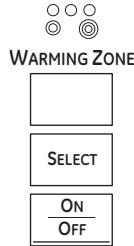
- Touch the **ON/OFF** pad for the desired burner.
- Use the +/- pads to select the desired power setting. 19 power levels are available (L, 1 through 9 with ½ step increments and H).
- Touching the **MELT** pad will select the Low setting.
- Some burners have multiple cooking zones. Touching the **BURNER SIZE** pad after the burner is on will select the desired burner size. If no selection is made, all cooking zones for that burner will be on.
- Touch the **ON/OFF** pad again to turn the burner off.



WARMING ZONE CONTROL

To use the warming zone:

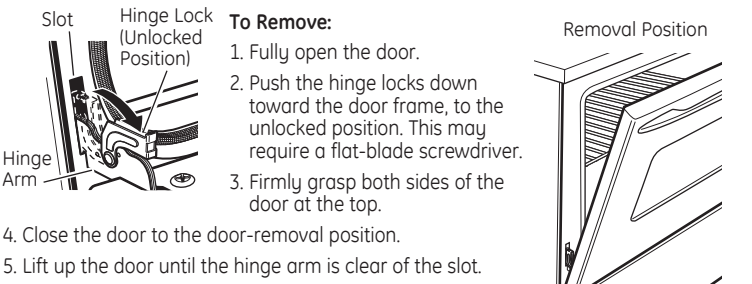
- Touch the **ON/OFF** pad.
- Touch the **SELECT** pad for the desired setting (L/M/H).
- Touch the **ON/OFF** pad again to turn the warming zone off.



REMOVABLE OVEN DOOR

To Remove:

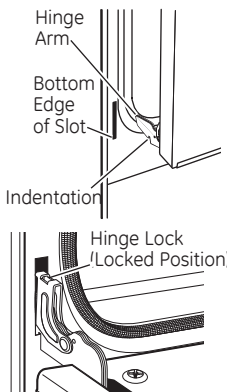
1. Fully open the door.
2. Push the hinge locks down toward the door frame, to the unlocked position. This may require a flat-blade screwdriver.
3. Firmly grasp both sides of the door at the top.



4. Close the door to the door-removal position.
5. Lift up the door until the hinge arm is clear of the slot.

To Replace:

1. Firmly grasp both sides of the door at the top. With the door at the same angle as the removal position, seat the indentation of the hinge arm into the bottom edge of the hinge slot.
2. Fully open the door.
3. Push the hinge locks up against the front frame of the oven cavity, to the locked position.
4. Close the oven door.



Cooling Airflow:

Air enters the door assembly through large slots in the bottom and flows upward between the inner and outer assemblies, exhausting through slots in the top of the door. DO NOT INSULATE THIS AIR CHANNEL.

To Service the Full-Glass Door:

1. Complete door assembly:
 - Remove the three screws from the bottom door frame.
 - Remove two screws at the top of the door on the liner.
 - The liner assembly and outer glass panel assembly can now be separated.

To Service the Full-Glass Door Continued:

2. Outer glass panel assembly:

- Remove the four screws from the side posts at the bottom.
- Remove the four screws from the side posts at the top near the door vent trim.
- Slide the bottom trim and top vent trim out to free the outer door glass.

NOTE: On some doors, the bottom trim is sealed to the outer door glass and cannot be separated.

REMOVABLE OVEN DOOR (CONT.)

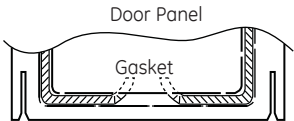
To Service the Full-Glass Door (cont.):

3. Liner assembly:

- Remove the three screws on each side of the door liner to remove the door hinge assembly.
- Remove the four screws from the insulation retainer.
- Remove the insulation retainer and then the insulation.
- The window pack and window gasket are now accessible, on units with a window door.

Door Gasket:

The door gasket is clipped into the liner of the door panel.



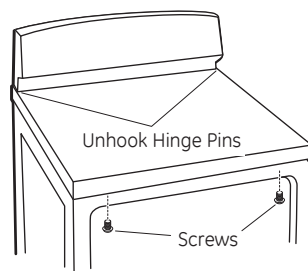
To Service Gasket:

A gap must be left in the gasket at the bottom of the door. The gap is required to provide airflow in the oven for proper baking results.

COOKTOP REMOVAL

To Remove:

1. Disconnect the power.
2. Remove the 2 screws securing the front of the cooktop to the chassis.
3. Prop up the cooktop, and unplug the connectors at the back by squeezing the side tabs. Remove the screw securing the ground wire.
4. Lift up the back end of the cooktop about 2 inches to unhook the hinge pins from the brackets.
5. Reverse the process to reinstall.



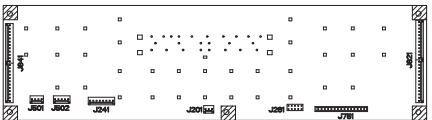
⚠ CAUTION: Raising the cooktop too high can break the glass.

NOTES:

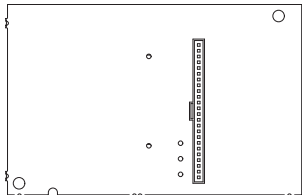
- **BAKE/TIME BAKE –** The bake and broil elements cycle during preheat with one element on at a time. Once bake preheat temperature is reached, the bake and broil elements cycle for the balance of the bake operation with one element on at a time.
- **CLEAN –** Bake and broil cycle until the sensor reaches 398.9° C (750° F). During the balance of the clean cycle, the oven will cycle between the bake and broil units.

CONTROLS SUMMARY

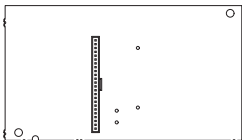
The controls for the oven system consist of a key panel touch film on glass assembly and Main Logic Board with its model select resistor plug located in the control panel. The controls for the cooktop elements consist of two Burner Touch Boards connected to and working through the Main Logic Board. The Main Logic Board is connected via the LIN serial wire to the relay power supply board (RPSM Main) located on the back of the unit along with a second relay board (AUX). There is also one RTD oven sensor, optional meat probe and a motor door lock assembly with position switches. The oven and warming drawer are controlled by relays found on the RPSM Main Board (see wiring diagram). Cooktop elements are controlled by relays found exclusively on the AUX board (see wiring diagram). No relay boards or line voltages are brought to the control panel.



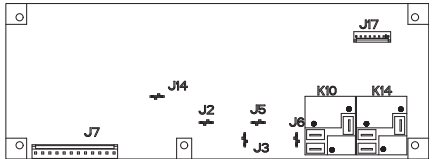
Main Logic Board



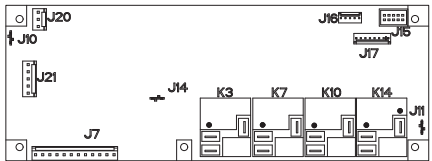
Right Burner Touch Board



Left Burner Touch Board



AUX Board



RPSM MAIN Board

KEY PANEL TEST

Touch each key. Keys should light in response, except **CLEAR/OFF** and **COOKTOP** keys. Each key must be individually tested. Number pads, +/-, etc., respond only after a function is selected.

LIN TEST

Press the **OVEN LIGHT** key. Corresponding relay(s) should click and oven lamps should respond. If successful, LIN bus is not the cause of nonworking elements.

CONTROL VOLTAGE – RPSM

NOTE: Mode, temperature selection and **START** are required to energize relays and elements. Double Line Break is incorporated, meaning no voltage is present on elements when in standby.

Legend for Ladder Wiring Diagram

Relays and connectors that begin with	are located on
MK, MJ	RPSM MAIN board
AK, AJ	RPSM AUX board

NOTE: Pin 1 on RPSM boards has a square solder pad.

Relays and connectors that begin with	are located on
DK	Daughter board 1

Oven Voltage Table

	MK3-NO to L2	MK3-NC to L2	MK7-COM to L2	MK7-NO to L2	MK7-NC to L2	MK10-COM to L2	MK10-NO to L2	MJ7-4 to L2	MK14-COM to L1	MJ7-3 to N	MJ7-10 to N	MJ7-12 to N	MJ7-8 to L1	MJ7-1 to N
Standby	0	240VAC	240VAC	0	240VAC	240VAC	0	0	120VAC	0	0	0	0	0
Broil Element*	240VAC	0	0	0	0	0	0	–	240VAC	–	–	–	–	–
Bake Element*	0	240VAC	240VAC	240VAC	0	0	0	–	240VAC	–	–	–	–	–
Convect Element*	0	240VAC	240VAC	0	240VAC	240VAC	240VAC	–	240VAC	See Convect Fan.			–	–
Conv Fan CW	See Convect Element.									120VAC	120VAC	0	–	–
Conv Fan CCW	See Convect Element.									120VAC	0	120VAC	–	–
Oven Lamp	–	–	–	–	–	–	–	–	–	–	–	–	120VAC**	–
Door Motor	–	–	–	–	–	–	–	–	–	–	–	–	–	120VAC**
Warming Drawer	–	–	–	–	–	–	–	240VAC	–	–	–	–	–	–

*When calling for heat
**When motor or light is on

Cooktop Voltage Table

	AK2-COM (J3) to L2	AKB-NO (J7-3) to L2	AK13-NO (J7-1) to L2	AK11-NO (J7-2) to L2	AK5-NO (J7-4) to L2	AK6-COM (J6) to L2	AK1-NO (J7-12) to L2	AK4-NO (J7-8) to L2	AK10-COM to L1	AK14-COM to L1
Standby	0	0	0	0	0	0	0	0	120VAC	120VAC
Only RF, all rings*	240VAC	240VAC	240VAC	0	0	0	0	0	240VAC	120VAC
Only RR*	0	0	0	240VAC	0	0	0	0	240VAC	120VAC
Only LF, all rings*	0	0	0	0	0	0	240VAC	240VAC	120VAC	240VAC
Only LR	0	0	0	0	0	240VAC	0	0	120VAC	240VAC
Only Center*	0	0	0	0	240VAC	0	0	0	120VAC	240VAC

*Use HIGH setting to test.

Main Logic Board DC and Signal Connector

J241	USE	CORRECT VOLTS	CHECK IF INCORRECT
1	7.5VDC in	7.5VDC always (ref pin 5)	a) Harness from RPSM MAIN b) RPSM J17-5 to -3 for 7.5VDC. If not, replace RPSM MAIN.
2	LIN serial comm	~2.5VDC sq wave bursts (ref pin 5)	RPSM J17-2 to -3 same voltage. If not, replace RPSM MAIN.
3	12V DC IN	12V	RSPM J17-1 to -3 for 12VDC
4	60 Hz	~2.5VDC sq wave (ref pin 5)	a) Harness from RPSM MAIN b) RPSM J17-2 to -3 for same. If not, replace RPSM MAIN.
5	GROUND	-12VDC always (ref pin 1)	a) Harness from RPSM MAIN b) RPSM J17-1 to -3 for 12VDC. If not, replace RPSM MAIN.
6	U CLN_TEMP	1.5VDC or less below 343°C (650°F). 5VDC above 343°C (650°F) (ref pin 5)	a) Upper oven sensor/connections b) Replace Main Logic Board.
7	DRMI enable	1.5VDC or less below 343°C (650°F). 5VDC above 343°C (650°F) (ref pin 5)	a) Com Harness J15 - pin 1
8	AUX enable	3VDC any burner on 0VDC after 45s burner off	a) Main Logic Board c) Harness b) RPSM AUX Board

VOLTAGE TABLE BURNER TOUCH BOARDS

Right Burner Touch Board

J101	USE	CORRECT VOLTS	CHECK IF INCORRECT
1	5VDC in	5VDC (ref pin 12)	a) Bent pin in connector b) Replace Main Logic Board.
2	4.5VDC in	4.5VDC (ref pin 12)	
3–11	LED signals	5VDC square waves	
12, 21, 24	Ground	–	–
13–20	Touchkey drive	5VDC square waves	a) If dead touchkeys: gap between board and glass (failed adhesive) b) Bent pin in connector c) Damaged harness
22, 23	Touchkey return	0 (undetectable)	

NOTE: J101 pinout is the same as Main Logic Board J841.

Left Burner Touch Board

J101	USE	CORRECT VOLTS	CHECK IF INCORRECT
1	5VDC in	5VDC (ref pin 12)	a) Bent pin in connector b) Replace Main Logic Board.
2	4.5VDC in	4.5VDC (ref pin 12)	
3–11	LED signals	5VDC square waves	
12, 21, 24	Ground	–	–
13–20	Touchkey drive	5VDC square waves	a) If dead touchkeys: gap between board and glass (failed adhesive) b) Bent pin in connector c) Damaged harness
22, 23	Touchkey return	0 (undetectable)	

NOTE: J101 pinout is the same as Main Logic Board J821.

RPSM DC and Signal Connector – Aux for Cooktop

AJ17	USE	CORRECT VOLTS	CHECK IF INCORRECT
1	12VDC in	12VDC (ref pin 3)	a) Check harness to RPSM MAIN. b) Replace RPSM MAIN.
2	LIN serial comm	~2.5VDC sq wave bursts (ref pin 3)	a) Harness to Main Logic Board. b) Replace Main Logic Board.
3	GROUND	–	a) Harness to RPSM MAIN. b) Replace RPSM MAIN.
4	GROUND	–	
5	No connect	–	
6	AUX enable	3VDC any burner on 0VDC after 45s burner off	a) Harness Main Logic Board to AUX Board. b) Main Logic Board c) RPSM AUX Board
7	No connect	0 (open)	–
8			
9			

VOLTAGE TABLE RPSM CONNECTORS

RPSM DC and Signal Connector – Main

MJ17	USE	CORRECT VOLTS	CHECK IF INCORRECT
1	12VDC out	12VDC (ref pin 3)	Replace RPSM MAIN.
2	LIN serial comm	~2.5VDC sq wave bursts (ref pin 3)	RPSM J17-9 to -3 same voltage. If not, replace RPSM MAIN.
3	GROUND	OV	Replace RPSM MAIN.
4	No Connect	–	–
5	7.5VDC out	–	7.5VDC reference pin 3
6	No Connect	–	–
7	U CLN_Temp	1.5VDC or less below 343°C (650°F). 5VDC above 343°C (650°F) (ref pin 3)	a) Upper oven sensor/connections b) Replace Main Logic Board.
8	No Connect	–	–
9	60 Hz out	~2.5VDC sq wave (ref pin 3)	Replace RPSM MAIN.

RPSM Main Line Voltage Connector

MJ21	USE	CORRECT VOLTS	CHECK IF INCORRECT
1	–	–	–
2	–		–
3	–		–
4	–		–
5	Bad Line Monitor	120VAC (ref J20-3)	a) Junction block miswired. b) Proper line voltage c) Harness d) Replace RPSM MAIN.

NOTE: bAd Line display purpose is to signal a terminal block cord miswire and will appear if 120VAC is not present between MJ21-5 and MJ20-3. It will also appear if there is less than 200VAC between MJ20-1 and MJ20-3.

MJ20	USE	VOLTS	CHECK
1	L1	240VAC (ref J20-3)	a) Main Line Voltage
2	No connect		b) Harness
3	L2	240VAC (ref J20-1)	

OVEN SENSOR OHMMETER TEST

Remove power from the oven. The temperature sensor is connected to the Main Logic Board (J501). Make resistance measurements of the sensor at the exposed terminal unplugged from the Main Logic Board. Squeeze lock tab when unplugging.

J501	Oven Sensor	Pins 1, 2	room temp 1080 ohms clean temp 2650 ohms
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HIDDEN BAKE ASSEMBLY

To Remove:

1. Disconnect power.
2. Pull out the unit so the left side is exposed.
3. Prop up or remove the cooktop (see Cooktop Removal section).
4. Remove the outer side panel via the visible hex screws and the one blind screw inside the front of the drawer compartment.
5. Remove the side insulation retainer by removing the two screws on the base and unhooking the wire insulation retainers at the top.
6. Disconnect the hidden bake ground wire and unplug the hidden bake element.
7. Remove the screw in the lower left corner of the element bracket.
8. Slide out the hidden bake assembly from under the oven.

To Replace:

1. Make sure the bottom insulation is fully covering the bottom of the base module.
2. Slide in the hidden bake assembly from the side, being careful not to displace the insulation.
3. Reattach the side insulation retainer and hidden bake ground wire.
4. Reconnect the screw at the lower left of the element bracket.
5. Plug the hidden bake wire harness into the element terminals.
6. Reattach the outer side panel and the cooktop.
7. Plug in the unit, test it and slide it back into place.

SPECIAL FUNCTIONS

The control has a hidden section that can be entered by the user to change certain options. To enter this section: Press and hold **UPPER BAKE** and **BROIL** for 3 seconds while in the standby mode, until **SF** appears in the display. Select the area to change according to the table below; then press **START** to retain and exit. The setting is remembered when power is removed.

Key	Feature	Display
BAKE	Temperature Calibration Preference. Use if oven is too hot or cold. Press BAKE to select +/-.	Temp display: -35 to 35
BROIL	End-of-cycle beep preference continuous or not	bBEEP Con bEEP
CLOCK	Clock format	12hr 24hr OFF 12hr....
COOK TIME	Beep volume	Std bEEP Std, Hi bEEP Hi, OFF bEEP OFF, Lo bEEP Lo
DELAY START	Sabbath mode select and automatic oven shut-off	12 Shdn SABBATH no Shdn
CONVECTION COOK	Automatically subtract 13.9° C (25° F) from Convect Bake user setpoint when On	Con On ◀────────▶ Con Off
UPPER BROIL+COOK TIME	Change Temperature unit F <->C	F ◀────────▶ C

SALES MODE: When 120VAC is applied to the unit, the keys and lights operate normally, but no elements energize. The display will indicate SALE at power up.

CONVECTION FAN

Symptom	Possibility	Correction
Fan motor buzzes	Open capacitor	Harness, terminals or bad capacitor.
No fan operation	Open winding as indicated by ohm check red to gray and blue to gray (approx. 60 ohms each)	Replace motor.
Fan loud	Loose shaft nut	Tighten shaft nut. Do not bend blade.
Fan loud	Convect cover screws or cavity screws loose	Tighten. Use larger screw if stripped.
No fan operation	Check voltage blue to gray when fan is counterclockwise – should read 120VAC. Also, red to gray when clockwise – should read 120 VAC.	• Check RPSM MAIN. • If voltages OK, check harness or winding resistance.
No fan operation	Shaft or blade rubbing on oven liner	Loosen screws/readjust position/tighten.
No fan operation	Jamb switch NO to C is open	Replace jamb switch or check harness.

ERC FAILURE CODES

F-codes are not shown on the display when they occur. They are stored in eeprom and can be retrieved by pressing **TIMER ON + CLOCK + UPPER START** together. The display then shows F-cd and prompts for an **UPPER** or **LOWER** selection. After an oven is selected, a log is shown. Details of any one of up to 7 stored codes can be recalled by pressing a number key. Press **CLEAR/OFF** to exit. The F-code log can be erased by pressing 9 and 0 together while the log is showing.

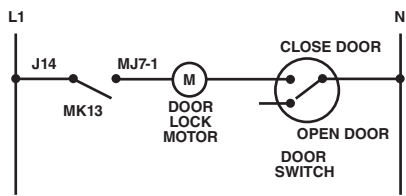
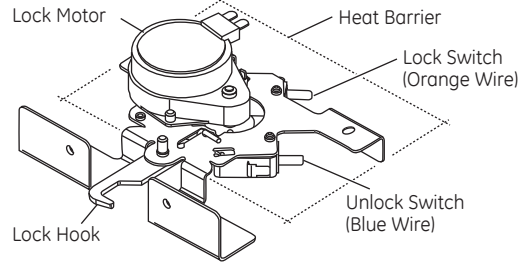
NOTE: For the first three minutes after power on, the F-code will show on the display.

X=1 is Upper/X=2 is Lower		
F-Code	Meaning	Correction
F100	LED error on Burner Touch Board (when equipped)	LEDs on Burner Touch Board operating properly. Harness /header pins to Burner Touch Board.
F20x	Temperature inside oven cavity exceeds 315.6°C (600°F) with door unlocked	a) Welded relay contacts. b) High resistance in sensor connectors, especially at sensor in rear.
F21x	Temperature inside oven cavity exceeds 482°C (900°F) with door locked	
F30x	Shorted oven sensor (under 950 ohms)	a) Disconnect sensor harness from control. Measure resistance. Should be ~1100 ohms at room temperature with 2 ohms per degree change. b) Look for damaged harness terminals/pins if resistance is OK.
F31x	Open oven sensor (over 2950 ohms)	
F32x	Temperature measurement circuit redundancy check within Main Logic Board bad	Replace board.
F33x		
F40x	Meat probe or jack shorted	a) Probe should be ~10K ohms at room temp. b) Disconnect jack harness from control. Check for shorted jack or harness. Center pin may be touching insulation retainer.
F600	LIN comm error within Main Logic Board	a) Check for shorted J241 pin 2. b) Replace board.
F610	LIN comm error to slaves such as RPSM	a) Check LIN wire in harness. b) Replace RPSM Board.
F611	LIN comm error to slaves such as RPSM	a) Check LIN wire in harness. b) Replace RPSM Board. c) Replace Main Logic Board.
F612	Line power error detected by RPSM	a) Check power line for dropouts. b) Replace RPSM.
F620	LIN comm error to/from RPSM AUX Board (when equipped)	Replace AUX Board, especially if MAIN Board relays still function.
F621	LIN comm error to/from RPSM AUX Board (when equipped)	Replace AUX Board, especially if MAIN Board relays still function.
F622	Line power error detected by RPSM	a) Check power line for dropouts. b) Replace RPSM.
F70x	CLEAR/OFF touch key error	a) Touch film has a short. b) Main Logic Board fault.
F710	Any other Touch Key error	a) Touch film has a short. b) Main Logic Board fault.
F720	Main Logic Board internal touch key chip signal error	Replace Main Logic Board.
F730		
F740		
F750		
F760		
F770		
F780	60 Hz square wave not getting to Touch Key chip on Main Logic Board	a) Harness to J241 pin 4 open. b) Replace Main Logic Board if voltage is OK to J241 pin 4. OR c) Replace Main RPSM Board if no voltage at RPSM J17 pin 9.
F790	Main Logic Board internal touch key chip signal error	Replace Main Logic Board.
F7A0	Main Logic Board internal touch key chip memory error	Replace Main Logic Board.
F7B0	Main Logic Board internal touch key chip memory error	Replace Main Logic Board.
F800	Main Logic Board memory error	Replace Main Logic Board.
F810	Main Logic Board memory error	Replace Main Logic Board.
F820	Main Logic Board EEPROM memory error	Replace Main Logic Board.
F90x	Door Lock Unlock-Home signal became untrue during cooking	a) Lock motor cam switch faulty/loose. b) Harness from lock motor to RPSM J16 open. NOTE: Control will open/close relay several times trying to "jog" the motor.
F91x	Door Lock Lock-Home signal became untrue during clean	
F92x	Both the Lock-Home and Unlock-Home switches are closed simultaneously	a) Lock motor cam switch is stuck closed. Replace assembly. b) Replace RPSM Main Board.

MOTORIZED DOOR LOCK

The motorized door lock assembly is located above the oven. The assembly consists of a lock motor cam and switch assembly, lock hook, heat barrier and mounting plate.

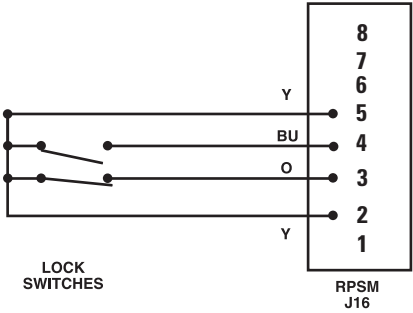
Motorized Door Lock Operation:



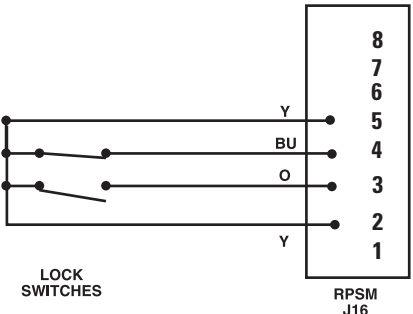
- NOTE: The display will flash “**DOOR** ” if the lock switches are not set to satisfy present lock or unlock request. The motor relay will be energized.
- When the lock assembly is in the Lock-Home position to operate a Clean cycle, “**DOOR** ” remains lit.
 - CAM** – The cam on the motor performs two functions:
 - Positions the lock hook in the door to prevent opening during Clean operation.
 - Operates the lock switches which tell the control if the door is unlocked or locked and ready for Clean operation.

NOTES:

- When the door is either being locked or unlocked, both the lock and unlock switches will temporarily be in the open position.
- The LOCK relay requires a signal to be at 0–1.5 VDC (low) called CLN_TEMP found on the Main Logic Board J241-6. If this pin is at ~5VDC with respect to J241-5 (gnd), the motor relays will not operate.



UNLOCKED



LOCKED

