⚠ DANGER

Electrical Shock Hazard

Only authorized technicians should perform diagnostic voltage measurements.

After performing voltage measurements, disconnect power before servicing.

Failure to follow these instructions can result in death or electrical shock.

⚠ WARNING

Electrical Shock Hazard

Disconnect power before servicing.

Replace all parts and panels before operating.

Failure to do so can result in death or electrical shock.

Voltage Measurement Safety Information

When performing live voltage measurements, you must do the following:

- **Verify the controls are in the off position so that the appliance does not start when energized.**
- **Allow enough space to perform the voltage measurements without obstructions.**
- **Keep other people a safe distance away from the appliance to prevent potential injury.**
- **Always use the proper testing equipment.**
- **After voltage measurements, always disconnect power before servicing.**

ACTIVATING THE SERVICE DIAGNOSTIC MODES

1. Enter Diagnostics Mode by pressing CANCEL>CANCEL>START within 5 seconds.
2. Press the "up" arrow, the "+" (plus) key or the "3" key to scroll through the service modes to Auto Test.

NOTE: On models with a numeric keypad on the control, press the "3" key instead of the "up" arrow or "+" (plus) keypad. Press the "6" key instead of the "down" arrow or "-" (minus) keypad. On some models, press the OFF keypad if there is not a CANCEL keypad.

ERROR CODES

Code	Description
F1E0 **F1E5** **F1E7** **F1E9**	EEPROM communication error Sensor out of range PCB thermistor open or shorted WIDE queue full
F2E0 **F2E1** **F2E2**	Keypad disconnected Stuck key Cancel key error
F3E0	Main sensor open or shorted
F3E2	Warming drawer sensor open or shorted
F5E0	Door and switch do not agree (Clean mode-on some models)
F6E1 **F6E3**	Over temperature cook Over temperature (warming drawer)
F9E0	Mis-wired house or range

RESISTANCES

Component	Pinout		Resistance or Voltage
Door position switch	P7-4 to P7-5		2 VDC with door open 0 VDC with door closed
Oven light	P5-4 to WH (Neutral) P6-3		0-40 Ω nominal
Thermo fuse	P2-1 to P2-4		Closed circuit (normal)
Oven sensor	P10-1 to P10-2		1000-1200 Ω at room temperature
Bake element	P2-3 to P15-1		10-40 Ω nominal
Broil element	P4-2 to P15-1		10-40 Ω nominal
Warming drawer sensor (on some models)	P10-3 to P10-4		1000-1200 Ω at room temperature
Warming drawer element (on some models)	P4-1 to WH (Neutral) P6-3		15-20 Ω nominal
Convection fan motor	P5-3 to WH (Neutral) P6-3		85-90 Ω
Convection element (on some models)	P1-1 to WH (Neutral) P6-3		16 Ω nominal
Limiter switches	Term 2B S	Term 1B H	Normal = Infinite resistance
	RR - 4 to 2 LR - 1 or 3 to 2A LF/RF - 3 or 4 to 2A		Normally closed switch opens at 1050°F (566° C).

IMPORTANT: Electrostatic discharge may cause damage to machine control electronics. Refer to online Tech Sheet for additional information.

Check for proper voltage by completing the following steps:

1. Disconnect the power or unplug the appliance.
2. Connect voltage measurement equipment to proper connectors.
3. Plug in appliance or reconnect power and confirm voltage reading.
4. Disconnect the power or unplug the appliance.

WIRE DIAGRAM