

TOP FRAME REMOVAL



1. Remove grates, caps and burner rings
2. Remove brass burner ring nut with burner tool (86007C)
3. Pull burner base out and remove ignitor wire
4. Lift top frame off

COOLING FAN AND AIR SWITCH



1. Remove 2 nuts w/lock washers from case back (stud is welded)
2. Remove 2 screws from bottom
3. Cooling fan will lift off with casing, Remove screws holding cooling fan and replace
4. Remove two screws to drop airswitch

SPARK MODULE



1. Remove top frame
 2. Remove wire harnesses
- Spark module is attached with fabric fastening tape - lift off and replace

RELAY

1. Remove top frame
2. Remove 4 screws holding relay board
3. Pull relay from the plastic standoffs securing it in place

****Note:** Wires are most easily removed from old relay and attached on the new relay one at a time.



BEZEL



1. Remove top frame
2. Bezel is attached to the frame with two phillips head screws located underneath the control panel and two ball studs located on either end. Remove the screws and pull the ball studs from the receptacles.
3. Pull bezel down

ERC/INDICATOR LIGHTS

1. Remove top frame
2. Release bezel
3. ERC is located inside bezel and held in place with 4 screws around the control board.
4. Remove screws, remove wire harnesses and replace with the new control board, wire by wire.



VALVE/SWITCHES

1. Remove top frame
2. Release bezel
3. Unscrew cover panel
4. Undo screw located on U-shaped clamp holding valve to manifold
5. Change valve
6. Switch is held to valve with a single screw located on front of valve



INFRARED BROILER



1. Turn the power and gas off to the range
2. Remove the oven door
3. Remove the Convection Baffle (top cover only)
4. Remove the ignitor, ignitor mtg. brkt, ignitor mtg brkt shield and venturi shield
5. Remove the four acorn nuts on the infrared burner and the venturi tube and the burner will come out as an assembly

BROIL ORIFICE

1. Pull range to gain access to the rear.
2. Release nut on burner tube
3. Remove 3 screws holding bracket to oven case
4. Orifice is inside bracket



REGULATOR



To release the regulator:

1. Remove Control Panel
1. Break the brass nut at the left of the regulator.
2. Unscrew from tubing at the right

TROUBLESHOOTING

NO SPARK TO BURNER:

- Check ignitor post for cracks
- Check for open ignitor wires or bad connection at push on terminal
- Check Spark Switch that is mounted to valve for open and closed circuit
- Check wires from spark switch to main harness that plug into spark module for a good connection and 120V at each spark switch

NO CONVECTION FAN:

- Check voltage out of main relay board at C.V. relay, should get 120V
- Check fan blade binding on convection element
- Check for bad connection, burnt or open wires

NO HEAT:

- Check house current - should be 120
- Check to see whether cooling fan starts when a cooking mode is programmed
- Check for stuck sail switch
- Check voltage out of relat
- Check for loose connections from the relay to the clock or ERC
- Check the wiring diagram to make sure unit is wired properly

F-0 Replace Membrane Assembly

F-1 ERC or Membrane

Test: With power on, disconnect ribbon connector from ERC. If failure code disappears from clock display, replace membrane. If F-1 stays in clock display, replace ERC

F-6 Microprocessor failure in ERC - Replace ERC

F-7 Failure of lock and or phase switch on latch.

1. Disconnect power to oven
2. Supply 120V to latch motor to verify the proper operation of the latch switch. Check door latch switch or door alignment.

F-8 Check door switch, the phase switch, wires going to the phase switch and wires going to the ERC.

ERC FAILURE CODES

Clock Display

Cause

F-0	Clock pushbutton is stuck in a depressed position
F-1	Element Relay Circuit Failure
F-2	Oven temperature exceeded the clean runaway temperature (self-clean only) or the cooking runaway temperature (cooking modes only)
F-3	Short Circuit in the oven temperature sensor
F-4	Open Circuit in the oven temperature sensor
F-6	Failure in the EEPROM check comparison (Only time of day and timer will operate)
F-7	Failure of the Self-Clean automatic door latch circuit
F-8	Failure of the door latch motor. Occurs when the motor runs for two minutes without the door locking in Self-Clean mode.