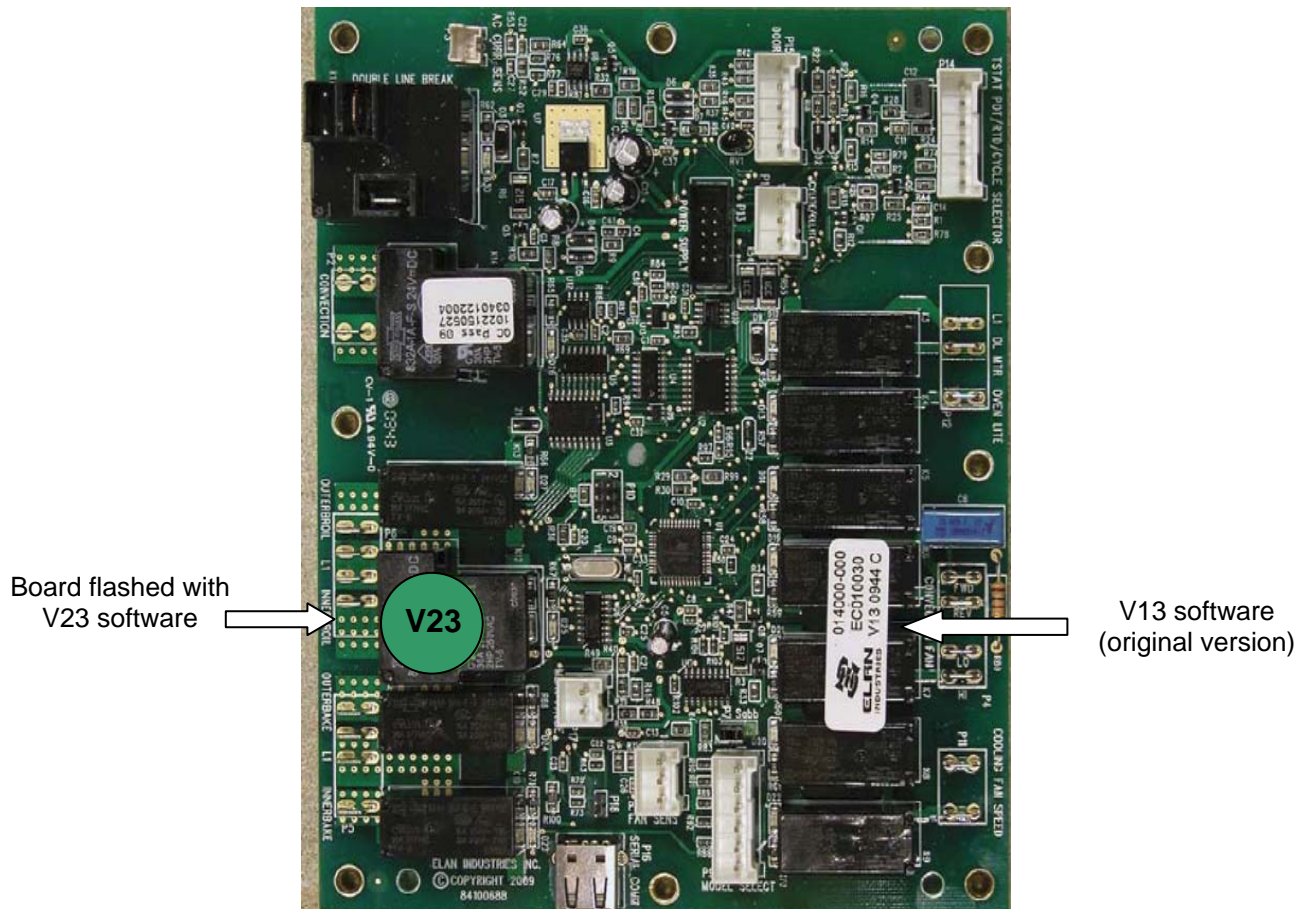# Calibration procedure for the EOC4 control board

*NOTE: The oven <u>must</u> have a board Version number **V23**, **V24** or **V25** in order for this program to work on non-UI controlled EOC4 boards, part number **014000-000** (see version label below).*
*Boards with earlier software versions (**V22** and prior) CANNOT BE CALIBRATED!*

Board flashed with
V23 software   →   **V23**   ←   V13 software
(original version)

Before entering into this offset change, the oven temperature must be tested using a digital temp tester and the loaded Viking test lead G50012698 or similar load, with 2 non-recorded preheat cycles and 3 recorded cycles finding the oven average temperature. The oven door can be left closed and Offset Program can begin.

To Enter UPO (User Programmable Offset) entry mode

1) Start with oven lights off, door(s) closed and cycle selector and the thermostat control off.

2) Turn ON the oven light switch.

3) Rotate cycle selector to Self Clean.

4) Wait 2 seconds, turn OFF the oven light switch.

5) Rotate cycle selector to **Off**

6) Wait 2 seconds then turn ON the oven light switch.

At this point the EOC4 enters UPO entry mode.

7) The cycle light will then flash continuously at .5 sec on .5 sec off to indicate entry mode.

8) User will then rotate the thermostat knob to the ACTUAL <u>AVERAGED</u> OVEN TEMPERATURE (taken as described above). For example, if the user wants to calibrate at **350** and the oven temperature is running low at **320**, the user will set the thermostat knob to **320** at this point. (Note: the knob only has an indicator mark, the temperature increments are on oven panel and indicator mark must be positioned to the nearest panel mark closest to averaged temperature.

9) Wait 2 seconds then turn <u>OFF</u> the oven light switch.

10) Rotate the thermostat knob to DESIRED SET TEMPERATURE, (*this would be 350 from the example above*)

11) Wait 2 seconds then turn <u>ON</u> the oven light switch.

12) The cycle light will STOP flashing and clean light will START flashing .5 sec on and .5 sec off for 5 full seconds to acknowledge successful entry of UPO.

13) Oven is now out of UPO entry mode.
If unsuccessful for some reason, a timeout or invalid entry, both cycle and clean indicator lights will flash for 10 seconds and program will revert to previous offset.

To set the UPO back to the factory default of zero, follow steps 1 through 7 above to get into entry mode then;

8) Leave thermostat at off, turn <u>OFF</u> the oven light switch.

9) Wait 2 seconds, turn <u>ON</u> the oven light switch.

10) Cycle light will stop flashing and clean light will begin flashing at .5 sec on and .5 sec off for 5 full seconds to acknowledge entry of UPO.

At each entry point, there will be a 30 second timeout (to allow enough time for each entry to be completed properly).