On the DSOE and DDOE301, to access the diagnostics, push and hold **CLOCK** button for 3 seconds to access *Settings*.

SETTINGS

To change the settings parameter, hit **CLOCK**
To Advance setting to next parameter, rotate the **SET** knob

Parameter	To change *	Parameter
• **deg F**	> CLOCK <	**deg C**
• **H12**	> CLOCK <	**H24**
• **SAb no**	> CLOCK <	**SAB on**
• **SHO no**	> CLOCK <	**SHO on**
• **dOnE**		

** Each press of the CLOCK button will toggle the parameter*

- *Depress* **MIN /SEC** *button to cancel Settings*

OVEN OFFSET

NOTE: You must be in *Settings* > *Clock Adjust* to adjust the oven offsets

While in **CLOCK ADJUST** mode, rotate the **SET** knob Clockwise and you will see **0FSt** - **upper oven** in the display.

If you are working on a Single oven (DSOE) you want to make adjustments here. If you are working on a double oven and need to adjust the lower oven, rotate the SET knob to display **0FSt** - **lower oven** in the display. Rotate the knob CW and CCW to toggle between oven cavities. .

When the proper oven cavity has been selected, press the **CLOCK** button. You should see **0F** and either upper or lower oven in the display (**0** degrees is the default). If after properly testing the oven temperature you find that it is incorrect, here is the procedure to adjust:

For example, If the lower oven temperature has been tested and determined to be **20°** TOO LOW, access **0FSt** - **lower oven**. Depress the **CLOCK** button and **0F**- **lower oven** will show in the display.

Using the SET knob, rotate *Clockwise* to change the setting to **+ 20°** - **lower oven**. This will INCREASE the temperature by 20° temperature. To save this change, depress the **CLOCK** button.

If the temperature was 20° too hot, you would rotate the knob *Counter Clockwise* to **-20°** - **lower oven**. This will DECREASE the temperature by 20° actual temperature. To save this change, depress the **CLOCK** button.

CLOCK ADJUST

NOTE: You must be in the *Settings* mode to access this parameter.

Push and hold **MIN/SEC TIMER** and **BAKE** button simultaneously and you will hear 3 confirmation beeps. Hold for 5 seconds to access. Once entered, you will see either a number **1** or a number **2**.

If you are working on a single oven, a 1 should be displayed. If working on a double oven, a **2** should be displayed. If the setting is incorrect, change the parameter by pushing the **CLOCK** button to change.

Parameter	To change *	Parameter
• 1	> CLOCK <	2

***** *Each press of the* ***CLOCK*** *button will toggle the parameter*

DIAGNOSTICS and TESTING

NOTE: You must be in the *Settings* mode to access this parameter

Push and hold **START TIME** button and you will hear 3 confirmation beeps. Continue to hold for 5 seconds until you here 1 confirmation beep. Now, within 3 seconds, press **BAKE TIME**, then **START TIME**, then **BAKE TIME.** When you have successfully entered the diagnostic mode, you will see the first screen which will look like this: **u0 11**. The number 11 shown here is the software version of the TOD (Clock).

To scroll through all the parameters, rotate the **SET** knob CW or CCW. Once a parameter has been selected, depress the **CLOCK** to perform test. Press **START TIME** to exit

Rotate SET knob:

Parameter	Action	Description
H60	> N/A <	Frequency
dISP	> CLOCK <	all digits should illuminate
EOC4 - upper	> CLOCK <	upper oven testing
EOC4 - lower	> CLOCK <	lower oven testing
dOnE	> START TIME <	To exit test

Once you have selected which oven you will test, the following are the parameters you can test on the EOC

Parameter	Action	Description
u0 25	> N/A <	EOC software version
rtd	> CLOCK <	oven temp from RTD
PrOb	> CLOCK <	meat probe (default 0°)

CSEL	> CLOCK <	Check selector contact

Start selector at OFF, rotate through selections:

UPPER OVEN

Setting	Clock readout
OFF	**00**
Bake	**1**479
Convection	**2**420
Tru Convection	**3**358
Convection Roast	**4**297
Convection Bake	**5**239
Hi Broil	**6**182
Med Broil	**7**125
Low Broil	**8**066
Clean	**9**015

The first number is the position of the switch; the next three numbers are the AD value divided by 2.

LOWER OVEN

Setting	Clock readout
OFF	**00**
Bake	**1**441
Hi Broil	**2**339
Med Broil	**3**237
Low Broil	**4**143
Clean	**5**053

Parameter	Action	Description
SEtp	> CLOCK <	Check thermostat contacts

Start thermostat at OFF, display should read **0°**. Rotate the thermostat through the temperatures should match up on display. This will test the accuracy of the potentiometer.

Ad	> N/A <	Skip this test

The following tests will activate the individual elements and display the amperage of each:

I bA	> CLOCK <	Skip – not used on model
0 bA	> CLOCK <	Bake element amps
I br	> CLOCK <	Inner broil element amps
0 br	> CLOCK <	Outer broil element amps
Con	> CLOCK <	Convection element amps
CnHF	> CLOCK <	Runs the Convection fan HIGH
CnLF	> CLOCK <	Runs the Convection fan LOW

Parameter	Action	Description
CLH	> CLOCK <	Cooling Fan ON – High *
CLL	> CLOCK <	Cooling Fan ON – low *
CSH	> CLOCK <	Cooling Speed H – RPM *
CSL	> CLOCK <	Cooling Speed L – RPM *

** The DDOE and DSOE 301 use a single speed fan. Results on above test will be the same*

Lit	> CLOCK <	Operate light relay

The following two tests will be the same as the CnHF and CnLF. This model only uses a one-direction convection fan.

CnLr	> CLOCK <	Runs the Convection fan Low reverse
CnHr	> CLOCK <	Runs the Convection fan High reverse

Parameter	Action	Description
LAtc	> CLOCK <	Operate latch motor

When the **CLOCK** button is pushed, the display will change and will display **UnL**. Push the **CLOCK** button a 2nd time and the motor will begin to turn. As the motor turns, the display will change and show 3 dashes in the display **[- - -].** Once the door has locked, **LOC** will show in the display.

The door is now locked. Now reverse the process:

When the **CLOCK** button is pushed, the display will change and will display **LOC**. Push the CLOCK button a 2nd time and the motor will begin to turn. As the motor turns, the display will change and show 3 dashes in the display **[- - -].** Once the door has unlocked, **UnL** will show in the display.

Parameter	Action	Description
HLEd	> CLOCK <	Heat light on and off
CLEd	> CLOCK <	Clean light on and off
dS	> CLOCK <	Open and close door
	With door closed **CLS** With door open **OPn**	
LS	> CLOCK <	Test panel light switch
	Each push of the panel light switch should cycle between **On** and **OFF** on the display.	