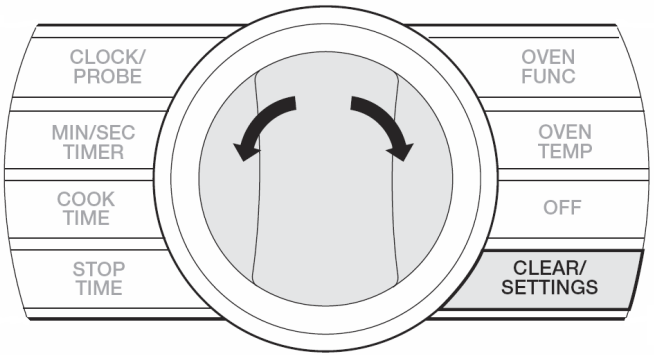


On the VDSC530, 36 and 48T series, to access the programs, push and hold **CLEAR/SETTINGS** button for 3 seconds to access *Settings*.

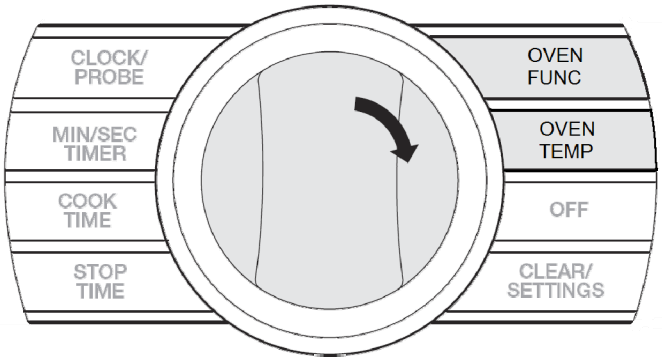
	DEPRESS OFF	= Display Off
SETTINGS	DEPRESS OFF + CLEAR	= Lockout

To change the settings parameter, depress Selector Knob
To Advance setting to next parameter, toggle the Selector knob

Parameter	To change	Selection
DEGREES	Press Selector knob	F° / C°
HOURS	Press Selector knob	12 / 24
SABBATH	Press Selector knob	NO / SABBATH
BRIGHTNESS	Press Selector knob, then toggle Selector	1 - 5
SHOWROOM	Press Selector knob	NO/ YES
- - EXIT - -	Press Selector knob to exit	

DIAGNOSTICS and TESTING

NOTE: You must be in the *Settings* mode and in the - - EXIT - - screen to access the diagnostic mode



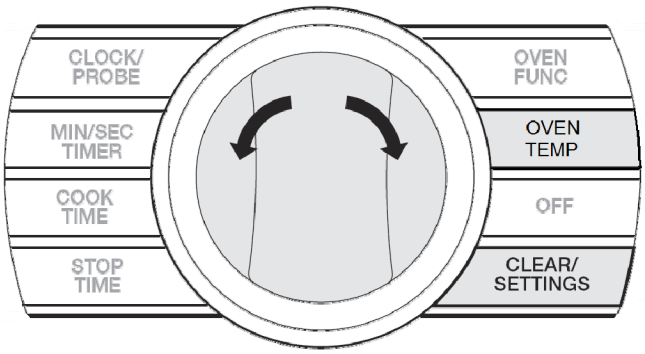
With - - EXIT - - in the right display, turn and hold the Selector knob > Clockwise until a single beep is heard. Release the selector knob. Now, within 3 seconds, press **OVEN FUNC**, then **OVEN TEMP**, then **OVEN FUNC**. If successful, you see the interface software version in the right display (*16 is the current software version*). → VERSION 16

If you do not see this, you have not entered the diagnostic mode. Reenter the steps above until you have successfully entered.

Depress **OFF** or **CLEAR/SETTINGS** button to exit.

OVEN OFFSET

NOTE: You must be in *Settings* mode to adjust the oven offsets



From any of the Settings parameters, press and hold simultaneously the **OVEN TEMP** and **CLEAR/SETTINGS** buttons for 5 seconds and the right display will show: OFFSET 0°F

Once you have determined what temperature is off By, push in the Selector knob. The 0° F will begin to flash. If (for example) the oven was **25°** too low, toggle the selector knob > *(clockwise)* adjust the display to read 25°F. Now push in on the selector knob. The 25°F will stop flashing. Depress the CLEAR/SETTINGS button and you have now calibrated the oven 25° higher. Toggle the knob < ccw to lower the temperature.

DIAGNOSTICS and TESTING

Toggle the selector Clockwise to see the main menu selections in the right display: → EOC1 / EOC2 / DISPLAY TEST / AMBIENT / EXIT

EOC1 is for the oven cavity on the 30"and 36"model. It is also the right oven on the 48"model. EOC2 is for the left oven on the 48"model. DISPLAY TEST checks the UI display and AMBIENT checks the temp at the UI. EXIT will take the unit out of diagnostics.

When you select EOC1 and depress the selector knob, you should see EOC1 VER 25 (version 25 is the current version). Toggle the selector knob clockwise and you should see EOC1 MODEL 11 (indicating the model header on the right board is # 11).

When you select EOC2 *(left oven)* and depress the selector knob, you should see EOC2 VER 25. Toggle the selector knob clockwise and you should see EOC2 MODEL 14 (indicating the model header on the left board is # 14).

SELECTING EOC TEST

Toggle the selector clockwise to access the component testing parameter screen EOC1 TEST (RH) or EOC2 TEST (LH).

NOTE: Both test are virtually the same with the exception that when testing the **LH** oven on a 48" model, there are two added tests. One for the selector switch and the other is for the thermostat control.

At any time, depress the **CLEAR/SETTINGS** button to return to main EOC test or **OFF** to exit diagnostics

EOC TEST

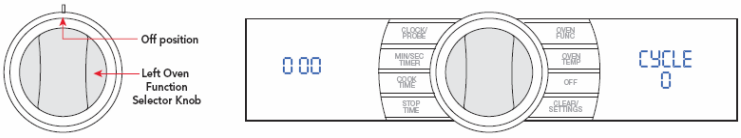
When you have selected an oven to test, press in on the selector knob to begin the diagnostic testing. The first parameter is the RTD test. When entered, RTD TEMP will be in the display and below it will be the actual temperature displayed.

Toggle the Selector clockwise to access the **Meat Probe** test.
If no probe is inserted, you will see MEAT PROB and 0° in the display. Plug in a probe and the display should show the actual temp.

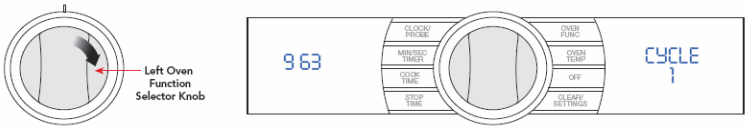
Toggle the Selector clockwise to access the **CYCLE** test on the LH oven. If working on the RH oven, you will be at the **INNER BAKE** test.

CYCLE *(VDSC548T - LH oven only)*

On the left oven selector knob, begin in the OFF position. The right oven UI display will show cycle 0 (off) in the right display and 000 in the left.



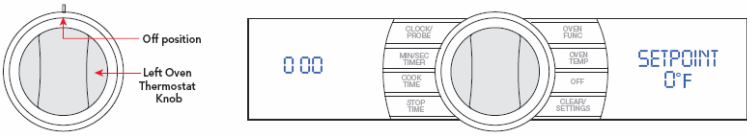
Rotate the **Selector Knob** clockwise to the **BAKE** function.



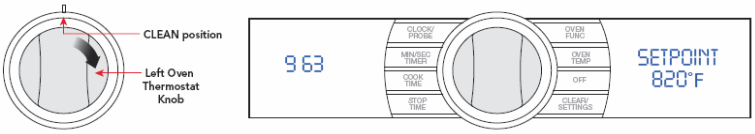
In the left display will be the approximate resistance reading of the selector potentiometer (readings may very by± 5%). The right display shows current selector position of the selector.

SETPOINT (VDSC548T - LH oven only)

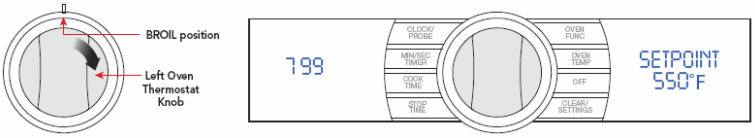
On the left oven **Thermostat Knob**, begin in the OFF position. The right oven UI display will show cycle 0 (off) in the right display and 000 in the left.



Rotate the **Thermostat Knob** clockwise to the **CLEAN** function. In the left display will be the approximate resistance reading of the thermostat potentiometer (readings may very by± 10%). The right display shows **820˚F**.



Rotate the **Thermostat knob** to the right to the **BROIL** function. In the left display will be the approximate resistance reading of the thermostat potentiometer (reading may very by ± 10%) The right display shows **550°F.**



As you advance from 200°F-500°F the SETPOINT reading should coincide with the dial on the knob (± 5%). The left display should also vary between 116 (200°F) and 684 (500°F). This will test the thermostat potentiometer.

CYCLE (continued)

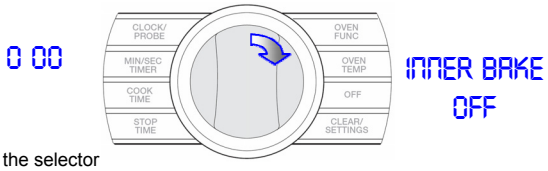
Each advance of the selector knob will result in a different reading, depending on which cycle you have selected. Below is a list of all nine functions on the selector switch and their values:

Setting	Left Display	Right Display
OFF	000	CYCL 0
Bake	963	CYCL 1
Conv Bake	831	CYCL 2
Tru Convection	697	CYCL 3
Convection Roast	576	CYCL 4
Convection Broil	464	CYCL 5
Hi Broil	369	CYCL 6
Med Broil	261	CYCL 7
Low Broil	151	CYCL 8
Self Clean	031	CYCL 9

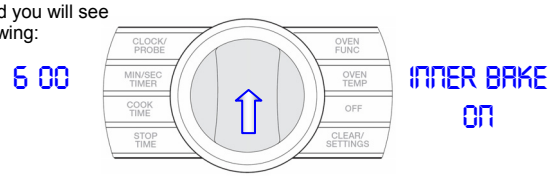
If any of the above readings are incorrect, replace the selector (for example) If you select convection Roast on the right display shows no change or 0, this indicates a defective selector switch.

Toggle the Selector clockwise to access the **SET POINT** test on the LH oven. If working on the RH oven, you will be at the **INNER BAKE** test.

INNER BAKE Toggle the selector clockwise and you will see the following:

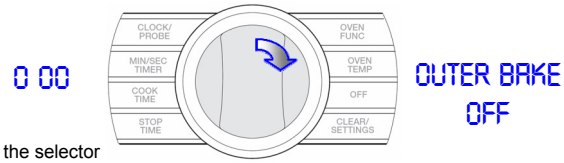


Depress the selector knob and you will see the following:

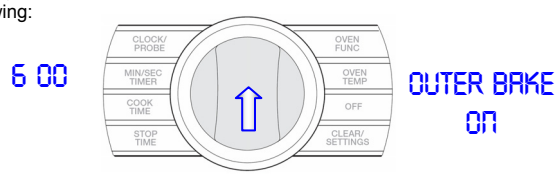


The right display shows that the **Inner Bake element** has been energized. The number in the left display shows the amperage draw on that particular element. Depending on the voltage, the reading can vary. The element will remain on for **1** minute then shut off.

OUTER BAKE Toggle the selector clockwise and you will see the following:

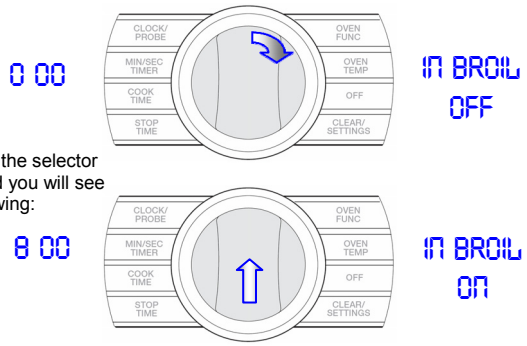


Depress the selector knob and you will see the following:



The right display shows that the **Outer Bake element** has been energized. The number in the left display shows the amperage draw on that particular element. Depending on the voltage, the reading can vary. The element will remain on for **1** minute then shut off.

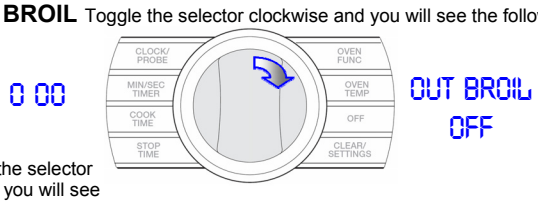
INNER BROIL Toggle the selector clockwise and you will see the following:



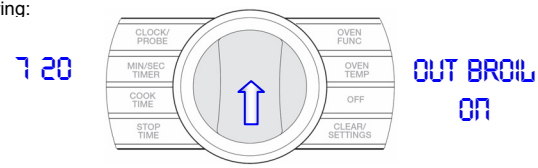
Depress the selector knob and you will see the following:

The right display shows that the **Inner Broil element** has been energized. The number in the left display shows the amperage draw on that particular element. Depending on the voltage, the reading can vary. The element will remain on for **1** minute then shut off.

OUTER BROIL Toggle the selector clockwise and you will see the following:

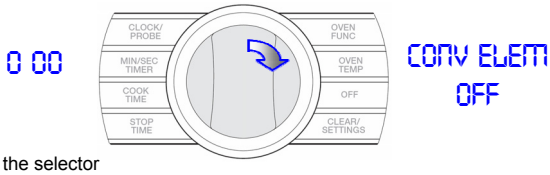


Depress the selector knob and you will see the following:

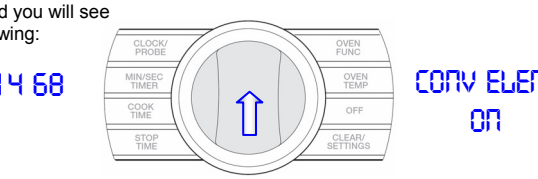


The right display shows that the **Inner Broil element** has been energized. The number in the left display shows the amperage draw on that particular element. Depending on the voltage, the reading can vary. The element will remain on for **1** minute then shut off.

CONVECTION Toggle the selector clockwise and you will see the following:

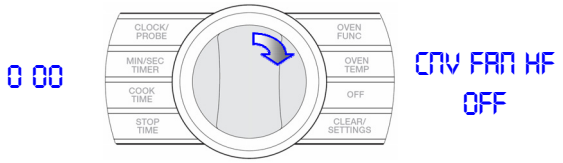


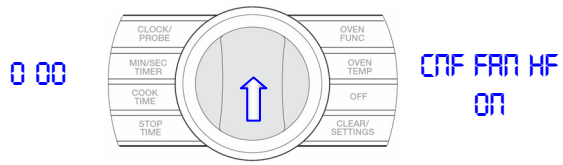
Depress the selector knob and you will see the following:



The right display shows that the **Inner Broil element** has been energized. The number in the left display shows the amperage draw on that particular element. Depending on the voltage, the reading can vary. The element will remain on for **1** minute then shut off.

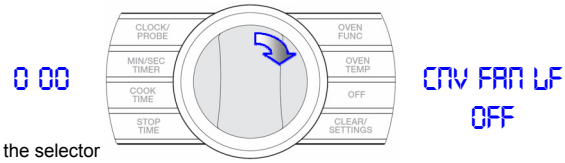
CONV FAN HF Toggle the selector clockwise and you will see the following:



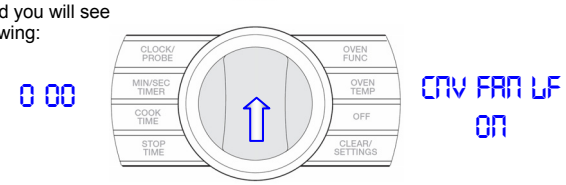


The display shows that the **Convection Fan High Forward** has been activated. The number in the left display shows the amperage draw on the fan motor. The convection motor will run High speed in a clockwise rotation for **1** minute.

CONV FAN LF Toggle the selector clockwise and you will see the following:

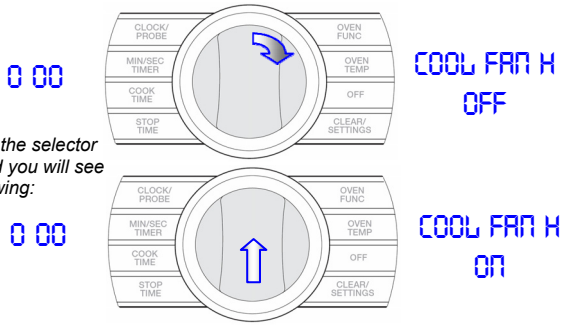


Depress the selector knob and you will see the following:



The display shows that the **Convection Fan Low Forward** has been activated. The number in the left display shows the amperage draw on the fan motor. The convection motor will run Low speed in a clockwise rotation for **1** minute

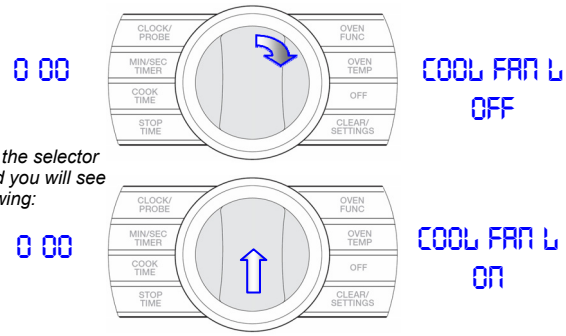
COOL FAN H* Toggle the selector clockwise and you will see the following:



Depress the selector knob and you will see the following:

The display shows that the **Cooling Fan High** has been activated. Amperage shown in the left display. The fan will operate

COOL FAN L* Toggle the selector clockwise and you will see the following:

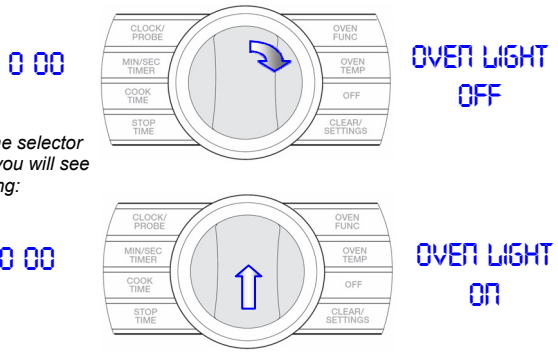


Depress the selector knob and you will see the following:

The display shows that the **Cooling Fan Low** has been activated. Amperage shown in the left display. The fan will operate

**NOTE: The EOC is designed to operate a 2-speed fan however this model uses a single speed motor. Both High and Low will run at the same speed*

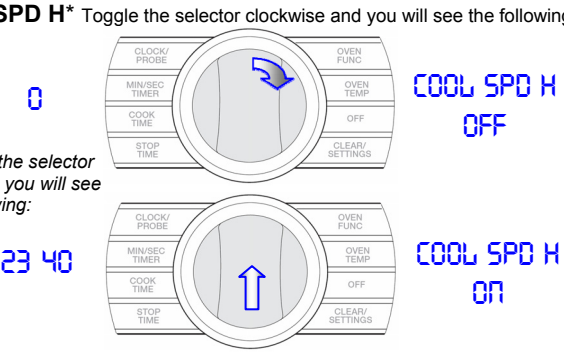
OVEN LIGHT Toggle the selector clockwise and you will see the following:



Depress the selector knob and you will see the following:

The right display shows that the **Oven light** has been energized. The number in the left display shows the amperage draw on that particular element. The light inside the oven cavity will illuminate

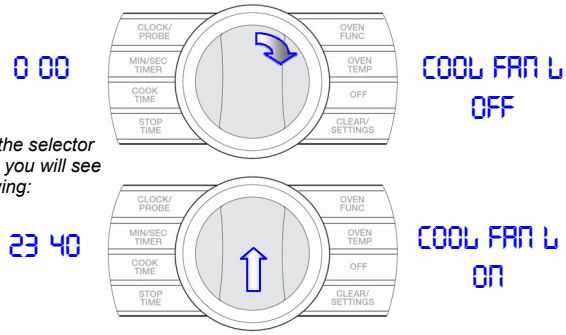
COOL SPD H* Toggle the selector clockwise and you will see the following:



Depress the selector knob and you will see the following:

The display shows **Cooling Fan Speed H** and the fan motor has been activated and will run for 1 minute. The number in the left display shows the RPM's of the fan motor as monitored by the Hall Effect Sensor.

COOL SPD L* Toggle the selector clockwise and you will see the following:

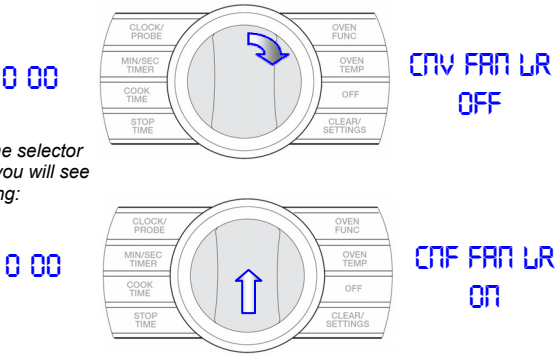


Depress the selector knob and you will see the following:

The display shows **Cooling Fan Speed L** and the fan motor has been activated and will run for 1 minute.

**NOTE: The EOC is designed to operate a 2-speed fan however this model uses a single speed motor. Both High and Low will run at the same speed*

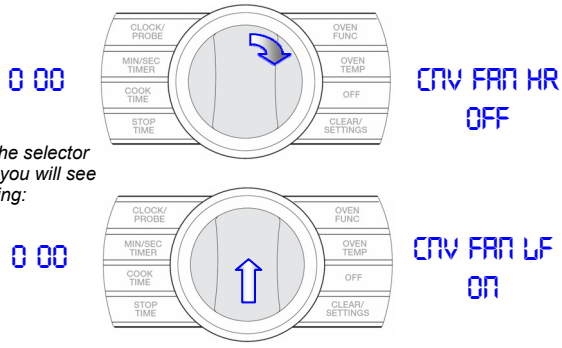
CONV FAN LR Toggle the selector clockwise and you will see the following:



Depress the selector knob and you will see the following:

The display shows that the **Convection Fan High Reverse** has been activated. The number in the left display shows the amperage draw on the fan motor. The convection motor will run Low speed in a Counterclockwise rotation for **1** minute.

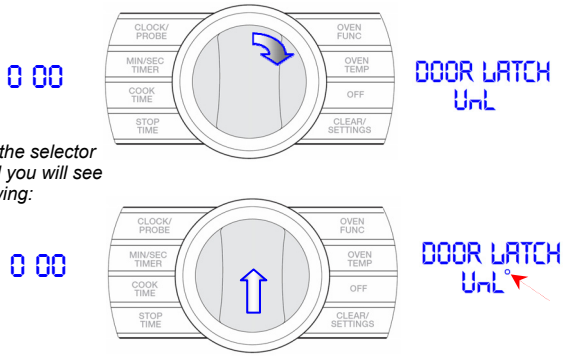
CONV FAN HR Toggle the selector clockwise and you will see the following:



Depress the selector knob and you will see the following:

The display shows that the **Convection Fan High Reverse** has been activated. The number in the left display shows the amperage draw on the fan motor. The convection motor will run High speed in a Counterclockwise rotation for **1** minute

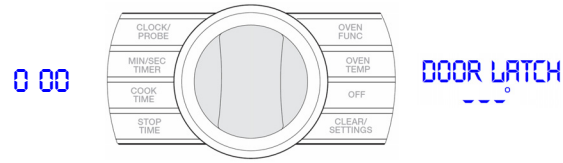
DOOR LATCH Toggle the selector clockwise and you will see the following:



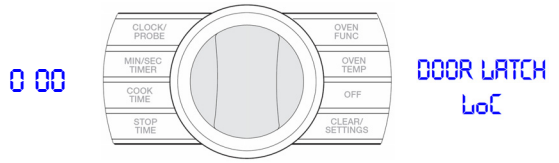
Depress the selector knob and you will see the following:

The first thing you will see is that the temperature symbol under the "L" in Latch has illuminated. This indicates that the door motor has been activated. The motor will begin to turn and lock the door.

As the motor advances, the latch switches open and close. As one switch opens, the display will change and show three dashes to indicate it is in between switch operations



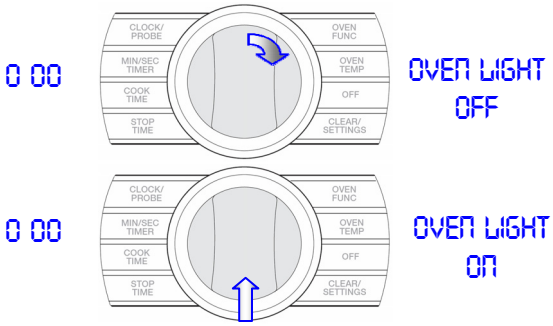
Once the door has locked, the display will change and show the door has locked



To open the door, simply press in the selector knob and the process will start to open the door.

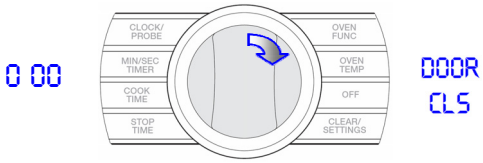
CLEAN LIGHT *(VDSC548T –left oven only)*

When operating the Diagnostics for the left oven on the VDSC548T, the UI can test the clean light for the left oven. If accessed on the right oven you will hear a confirmation tone only when you depress the selector knob.



The right display shows that the **Heat Light** has been energized. On the VDSC548T, the left heat light will be activated.

DOOR SWITCH Toggle the selector clockwise and you will see the following:



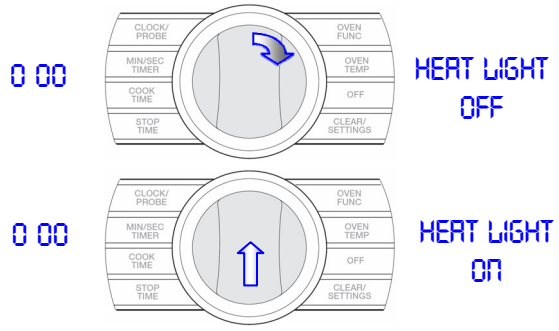
Now, open the oven door. The oven cavity light should illuminate, and the right display will change to show: When you close the door, the display shows:

DOOR OPn DOOR CLS

This will test the operation of the door interlock switch. If the oven cavity light bulb is defective, you should still see open or closed in the display, as well as hear the light relay activate on the EOC.

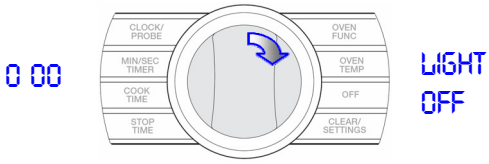
HEAT LIGHT *(VDSC548T –left oven only)*

When operating the Diagnostics for the left oven on the VDSC548T, the UI can test the heat light for the left oven. If accessed on the right oven you will hear a confirmation tone only when you depress the selector knob.



The right display shows that the **Heat Light** has been energized. On the VDSC548T, the left heat light will be activated.

LIGHT SWITCH Toggle the selector clockwise and you will see the following:

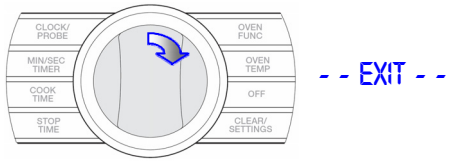


Now, switch ON the control panel light switch. The oven cavity light should illuminate, and the right display will change to show: LIGHT On

When you switch OFF the control panel light switch, the display shows: LIGHT OFF

This will test the operation of the control panel switch. If the oven cavity light bulb is defective, you should still see open or closed in the display, as well as hear the light relay activate on the EOC

Toggling the selector switch clockwise will bring you to the exit screen.



Depress the **CLEAR/SETTINGS** button to return to main EOC test screen or **OFF** to exit the diagnostics testing