

## Technical Procedure

<b>Department:</b>	<b>Technical</b>	<b>Station:</b>	<b>Test</b>
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<b>Reviewed By:</b>	<b>D. Cleary</b>		
<b>Released By:</b>	<b>D. Cleary</b>		
<b>Machine Family</b>	<b>Model</b>	<b>Type</b>	<b>Serial Number</b>
<b>Talea / Odea non display</b>	<b>Odea Giro</b>	<b>SUP 031OR</b>	<b>-----</b>

This procedure is useful for all non Display Talea & Odea machines

**Issue:**

**Warning Red Light On**



- **Ventilate Error**

Warning red light flashes **Rapidly** every ½ Sec. Machine ready light is OFF. In this case we're dealing with a ventilate error. Machine does not allow brewing coffee

- **Missing parts**

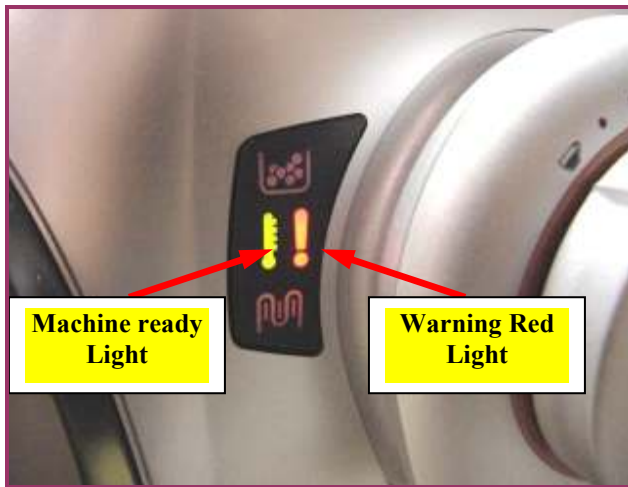
Warning red light flashes **Slower**, every sec. and the Machine ready light is OFF. In this case we're dealing with a missing part error. (Can be the bean hopper lid, open door, dump box, brew unit missing, or steam / water knob not in off position.) Machine does not allow brewing coffee.



- **Water Tank Missing / Fill Water Tank**

Warning red light is ON solid, the Machine ready light is Off. In this case we're dealing with a **Water Tank Missing or Fill Water Tank** error. (This error appears also when the water sensor is off its mount inside of the machine) Machine does not allow brewing coffee.





- **Bean Hopper Empty**

Warning red light is ON solid, the Machine ready light is ON. (Same as is shown in this picture.)

In this case we're dealing with a bean hopper empty or grinder blocked error.



- **Dreg drawer Full (Dump Box full)**

Dump box red light comes ON. Machine must be ON, pull out dump box for 10 sec. and place it back. It does not matter how many coffee pucks are there in dump box. Machine does not allow brewing coffee.

- **Grinder blocked Error**

**The sign: Dump box and Descaling LED-s blinking alternately. Machine ready light is ON.**

In this case, by turning machine “Off” and then “On” the error disappears. Machine goes in normal condition, ready to brew coffee.

When brewing button is pressed again the error appears. Grinder motor starts and shuts off right way.

- **Reasons:**

1. Disconnected wire or plug from grinder Hall effect or CPU board.
2. Bad Hall effect.
3. Disconnected grinder wire or plug from power board. In this case grinder does not turn “ON” at all.
4. Bad grinder motor. (Grinder does not turn ON)
5. Bad CPU Board.



- **Brew Unit Blocked or Stuck in Warm up Errors**

**The sign: Dump box and Descaling LED-s blinking alternately**

Turning “Off” and then “On” does not reset the error. The error is still on after machine is turned “ON”.

- **Reasons:**

**For Brew Unit Blocked Error**

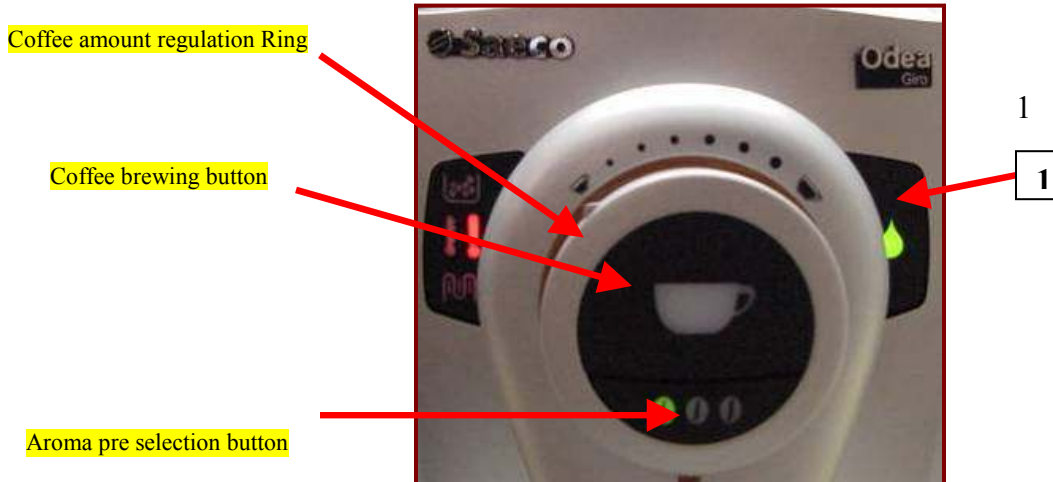
1. Brew group time out.
2. Bad micro switch.
3. Disconnected or pinched wire.
4. Bad brew drive motor. (Open coil)
5. Bad Thermo protector, from board to motor.
6. Broken gears.
7. Bad CPU board. To determinate if the board is good or not. We must check the resistances on brew drive micro switches when plug is connected in CPU board.

- **Reasons:**

**For stock in Warm up Error**

1. Disconnected or bad Temp sensor.
2. Open thermostats.
3. Bad Boiler. (Open coil)
4. Bad boards.

There is another easy way to determinate the real problem with machine by getting in **Test Mode Control**.



**For Entering in the Test Mode Control, press the following keys**

Press and hold **#1Water / Steam** button, then power machine with main power switch.



Entering Test Mode is indicated by rapid flashing of LED-s counter clockwise until **water / steam** button is released.

**Rotation Counter clockwise of the gear motor**

Set the Coffee amount regulation ring at 2 o'clock position, or at large cup coffee icon.  
 Press and hold **Water / Steam** knob, gears will turn counter clockwise. When brew unit piston has reached upper (Work) position, dump box LED starts to blink.

**Rotation Clockwise of the gear motor**

Set the Coffee amount regulation ring at 12 o'clock position, or on middle.

Press and hold **Water / Steam** knob, gears will turn clockwise. When brew unit piston has reached down (Home) position, Descaling icon LED starts to blink.

#### Function Coffee Grinder

Set the Coffee amount regulation ring at 10 o'clock position, or at small cup coffee icon.

Press and hold **Water / Steam** knob. Grinder will start running. Descaling icon LED starts to blink. (Counts the number of impulses from grinder hall effect)

#### Function of the Pump

Set the Coffee amount regulation ring at 2 o'clock position, or at large cup coffee icon.

Open **Water / Steam** knob, press and hold **Coffee brewing button**. Pump will start running. When pump runs **Warm up** icon LED starts to blink. (Counts the number of impulses from flow meter)

#### Function of the Blown Valve Coil

Set the Coffee amount regulation ring at 10 o'clock position, or at small cup coffee icon.

Press **Coffee brewing button**. The Blown valve coil will click. (Only for machines with blown valve)

#### Function of the Boiler Heating Element

Set the Coffee amount regulation ring at 12 o'clock position, or on middle.

Press **Coffee brewing button**. The Boiler heating element must turn ON.