

OCEAN®

CERAMIC HOB

SERVICE MANUAL

Model

CER 32 HI

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Pictures are only sketches which may be different from your equipment.
Les images sont seulement de croquis qui peuvent être différentes du design de votre équipement.
Las imágenes son sólo los bosquejos que pueden ser diferentes de su equipo.

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CONTENTS

1. SERVICING REQUIREMENTS

- 1.1 HEALTH & SAFETY
 - 1.1.1 Electrical Safety
 - 1.1.2 Good Working Practices
 - 1.1.3 Insulation Test
 - 1.1.4 Sheet Metal Edges

2. TROUBLESHOOTING

- 2.1 NOTHING WORKS
- 2.2 HEATING ELEMENTS DO NOT HEAT PROPERLY
- 2.3 HEATING ELEMENTS CYCLE OFF

3. COMPONENT REPLACEMENT AND ADJUSTMENT PROCEDURE

- 3.1 TO REMOVE THE PRODUCT FROM THE COUNTER TOP
- 3.2 REPLACING ELEMENTS
- 3.3 REPLACING ENERGY REGULATOR
- 3.4 REPLACING LIGHTS INDICATOR

Note: When servicing the products, health and safety issues must be considered at all times. Specific safety issues are listed below with their appropriate icon. These are illustrated throughout the service information to remind service people of the health and safety issues

1.1.1 *Electrical Safety*

WARNING! TO AVOID ELECTRIC SHOCK!



Do not attempt to service this oven without suitable training and qualifications.

Ensure the main power has been disconnected before servicing any part of the oven. If the power is required to be on for electrical fault finding, then **extreme** care should be taken not to make contact with electrical components other than with testing probes.

Ensure the oven is turned off when removing any electrical component or connection.

1.1.2 *Good Working Practices*



Ensure the work areas are kept tidy and free of hazards while servicing the oven. On completion of the servicing, ensure the oven and work areas are left clean and tidy.

1.1.3 *Insulation Test*

Megger test to check insulation.



1.1.4 *Sheet Metal Edges*



When working around cut sheet metal edges use appropriate gloves or protection to eliminate the chance of receiving a laceration.

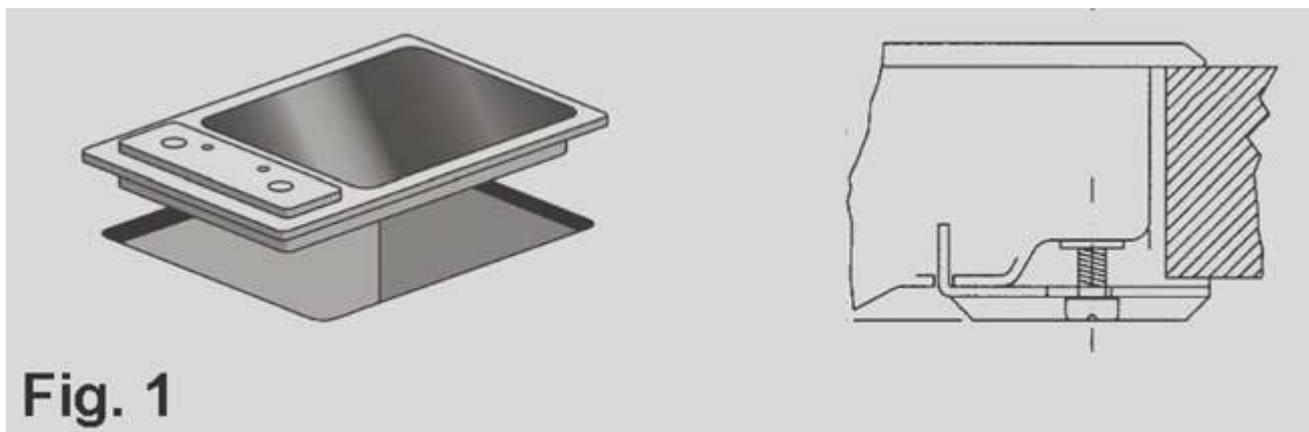
CAUSE	POSSIBLE REMEDY
<ul style="list-style-type: none">• Cooktop not connected to proper electrical circuit.• Fuse is blown or circuit breaker is tripped.	<ul style="list-style-type: none">• Verify that the proper rated cooktop voltage is being supplied to the cooktop. Have electrician replace fuse or reset circuit breaker.
<ul style="list-style-type: none">• No electricity to the cooktop.	<ul style="list-style-type: none">• Check your power supply.

CAUSE	POSSIBLE REMEDY
<ul style="list-style-type: none">• Cooktop is connected to 120 volt power supply.	<ul style="list-style-type: none">• Connect cooktop to the proper rate cooktop voltage.
<ul style="list-style-type: none">• Power supply connection is loose.	<ul style="list-style-type: none">• Tighten the connections at the junction box.
<ul style="list-style-type: none">• Improper cookware is being used.	<ul style="list-style-type: none">• Select proper cookware as outlined in the Cooktop Operation.

CAUSE	POSSIBLE REMEDY
<ul style="list-style-type: none">• The energy regulator is broken	<ul style="list-style-type: none">• Replace with the new one
<ul style="list-style-type: none">• The heating element is damaged	<ul style="list-style-type: none">• Replace with the new one



1. Isolate the unit from the power supply by turning off the main switch and removing the fuse or fuses where more than one phase is used. Check that the circuit is dead by attempting to operate the appliance.
2. Remove the partition under cook top and loosen the clamping brackets (see figure 1).
3. Lift product out.





1. Isolate the cooktop from the power supply and remove it from the countertop as described in section [3.1](#)
 2. Remove the four screws from burner box and lift it (fig.1).
 3. Disconnect the wiring from the element to be replaced, taking note of the terminal position.
 4. Remove the **support's screws** and **unlock the clamps** of element than lifting up it and replace the new one. THE POSITION OF ELEMENT MUST BE FIXED BY THE INSERT ON THE PERIMETER (fig.2)
 5. Reconnect the element wiring and check that the wiring is restrained so that it cannot contact the elements cases or sheet metal edges.
 6. Replace the burner box and fix it by the screws.
 7. Test the earth continuity between the main cover and the conduit earth conductor.
 8. Once back in the counter top and reconnected to the supply, check the function of each element by switching to a medium setting and observing its operation. Look for the cycling of the element by observing the glow of the element as it heats and cools.
 9. Turn to Maximum setting and wait for the element to cycle on the temperature limiter.
- Turn the element off and check that the "hot" light are operating. Watch for this to go out as the element cools.



Fig.1



Fig.2



1. Isolate the cook top from the power supply and remove it from the countertop as described in section [3.1](#)
2. Remove the four screws from burner box and lift it (fig.1).
3. Remove the knobs and unscrew the two screws of energy regulator than disconnect the wiring from the regulator to be replaced, taking note of the terminal position (fig.2).
4. Reconnect the wiring on the new one and replace it checking that the wiring is restrained so that it cannot contact other terminals or sheet metal edges.
5. Replace the burner box and fix it by the screws.
6. Test the earth continuity between the main cover and the conduit earth conductor.
7. Once back in the counter top and reconnected to the supply, check the function of each element by switching to a medium setting and observing its operation. Look for the cycling of the element by observing the glow of the element as it heats and cools.
8. Turn to Maximum setting and wait for the element to cycle on the temperature limiter.
9. Turn the element off and check that the signal lights "H" are operating. Watch for this to go out as the element cools.



Fig.1



Fig.2



1. Isolate the cook top from the power supply and remove it from the countertop as described in section [3.1](#).
 2. Remove the four screws from burner box and lift up it (fig1).
 3. Disconnect the lamp wirings.
 4. Disassemble the light, replace with the new one, checking that the lamp is trapped by the plastic hooks (fig.2).
 5. Reconnect the cable of the new one checking that the wiring is restrained so that it cannot contact other terminals or **heating elements cases**.
 6. Replace the burner box and fix it by the screws.
 7. Test the earth continuity between the main cover and the conduit earth conductor.
 8. Once back in the counter top and reconnected to the supply, check the function of each element by switching to a medium setting and observing its operation. Look for the cycling of the element by observing the glow of the element as it heats and cools.
 9. Turn to Maximum setting and wait for the element to cycle on the temperature limiter.
- Turn the element off and check that the "hot" lights are operating. Watch for this to go out as the element cools.



fig.1

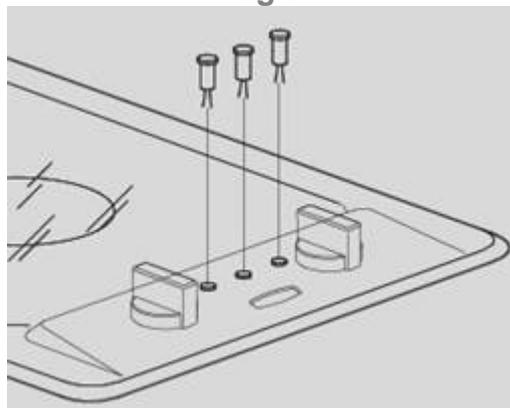


Fig.2

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