



Electrolux

ELECTROLUX HOME PRODUCTS PTY LTD

ABN 51 004 762 341

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SERVICE MANUAL ***90cm Ovens***

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SAFETY INFORMATION

Under NO circumstances should any service work be carried out unless you are qualified and licensed as per Federal, State and Territory requirements.

General Safety

- Work should not be undertaken on any electrical appliance without first checking the earthing integrity of the appliance and electrical supply.
- A safety audit should be carried out of the work area to ensure the area has adequate room to work in and is free from any hazards that may cause any injury to yourself and any other person in the vicinity.
- After repair, product has to be reassembled as it was which complies with specification of the Manufacturer to ensure product is safe to operate both mechanically and electrically.

Electrical Safety

- Under NO circumstances should changing or repairs to parts be carried out on live appliances. Any changing or repair to parts must be done with the appliance removed from the electrical supply. Failure to do so may result in injury or death.
- After any work is completed the earthing integrity of the appliance must be checked.
- If you need to do electrical testing with the product live the following must be observed:
 - It must be on a circuit with earth leakage protection.
 - As much skin as possible should be covered to reduce the chances of coming into contact with live terminals
 - All jewellery should be removed.
 - There should not be any water/moisture on the ground.
 - A safety sign should be displayed to warn others of the danger.

Running appliances with panels/covers removed

- All the electrical safety procedures above must be observed.
- Care must be taken not to come into contact with moving parts.
- Loose clothing or jewellery that can become entrapped should not be worn.
- If handling or working near sharp edges the appropriate personal protection equipment must be used.
- Safety eyewear should be used if removing parts that may “spring and fly” if they slip off a tool. Eg removing a spring which is under compression.
- Any removed panels that have sharp edges should be placed where they do not cause any danger of injury to yourself or others.
- A safety sign should be displayed to warn others of the danger.
- If handling or working in a dusty area or with Dust Product, dust mask or appropriate PPE should be used.

Refrigeration

- Ensure you know which refrigerant is in the appliance so the correct gas handling procedures can be used. Failure to use the correct procedure may result in injury.
- If hot work needs to be done ensure all the surround area is safe and free from combustibles. Where necessary heat shielding should be used.
- Ensure pipework has cooled down before touching.
- When handling gas make sure all necessary PPE is used.
- Ensure there is enough ventilation.
- Place warnings signs so others know flames/smoking must not be in the area.

Gas Safety

- Under no circumstances should a naked flame be used, eg match, lighter etc, to try and find a gas leak, only an appropriate gas leak detector or soapy water should be used.
- When converting an appliance to another gas type, the gas type label supplied must be fitted in the appropriate area.
- Always ensure the product is connected to the correct gas type.
- When working with a gas leak place warnings signs so others know flames/smoking must not be in the area.
- After fixing a gas leak do not try and ignite the burner(s) until any remaining escaped gas has dissipated.

TOOLS

Standard tools

- Pliers;
- Side cutters;
- Long nose pliers;
- Phillips screwdriver;
- Flat blade screwdriver;
- Torx bits;
- Shifter;
- Insulation tape;
- PTFE tape
- Polishing cloth;
- Antistatic strap;

Measuring Instruments

- Multimeter
- Manometer

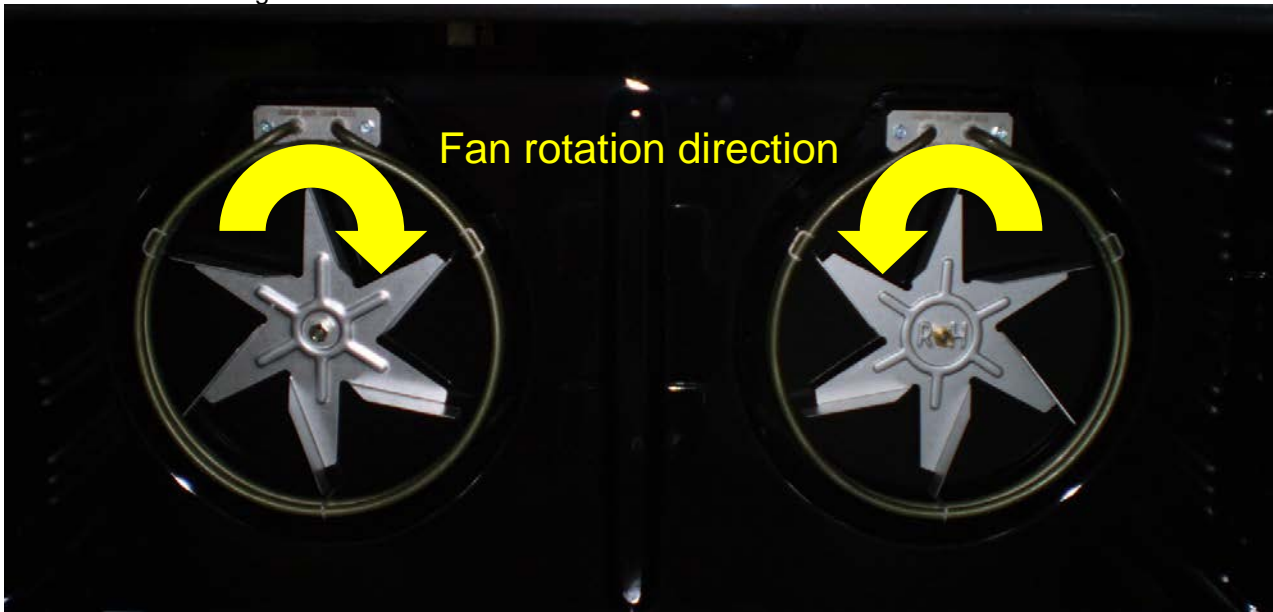
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Fans and Motors

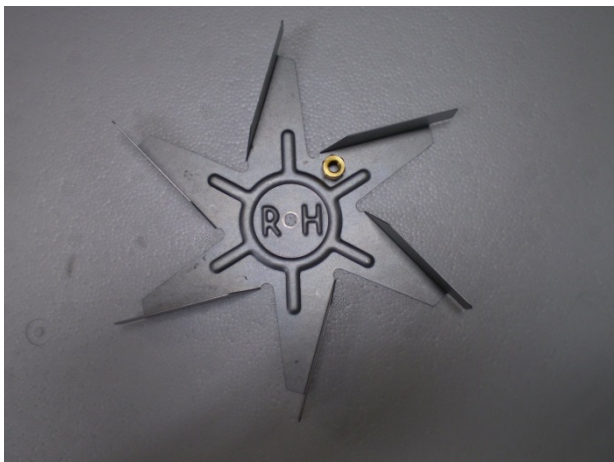
Fans

Twin fans Left and Right handed.



The right hand fan is clearly marked and has 2 flats across the centre hole.

A brass right handed nut is used to lock the fan to the motor shaft.



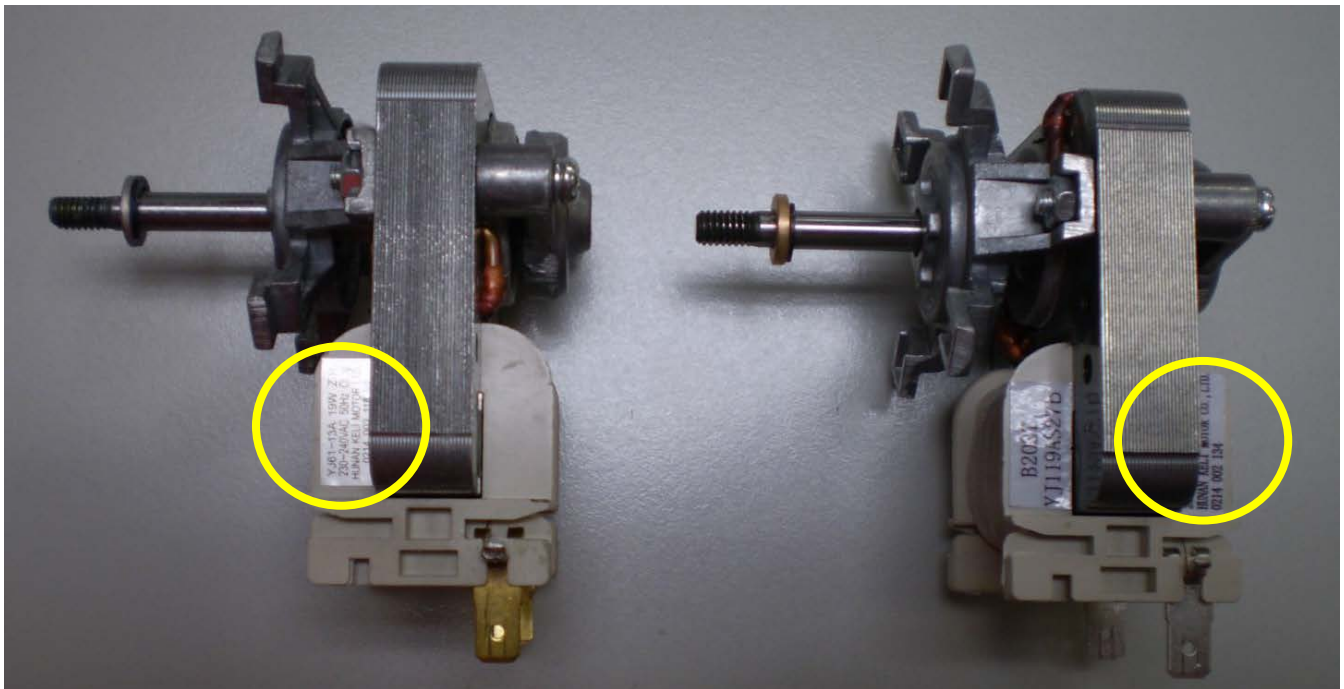
The left hand fan has 1 flat across the centre hole.

A chrome left handed nut is used to lock the fan to the motor shaft

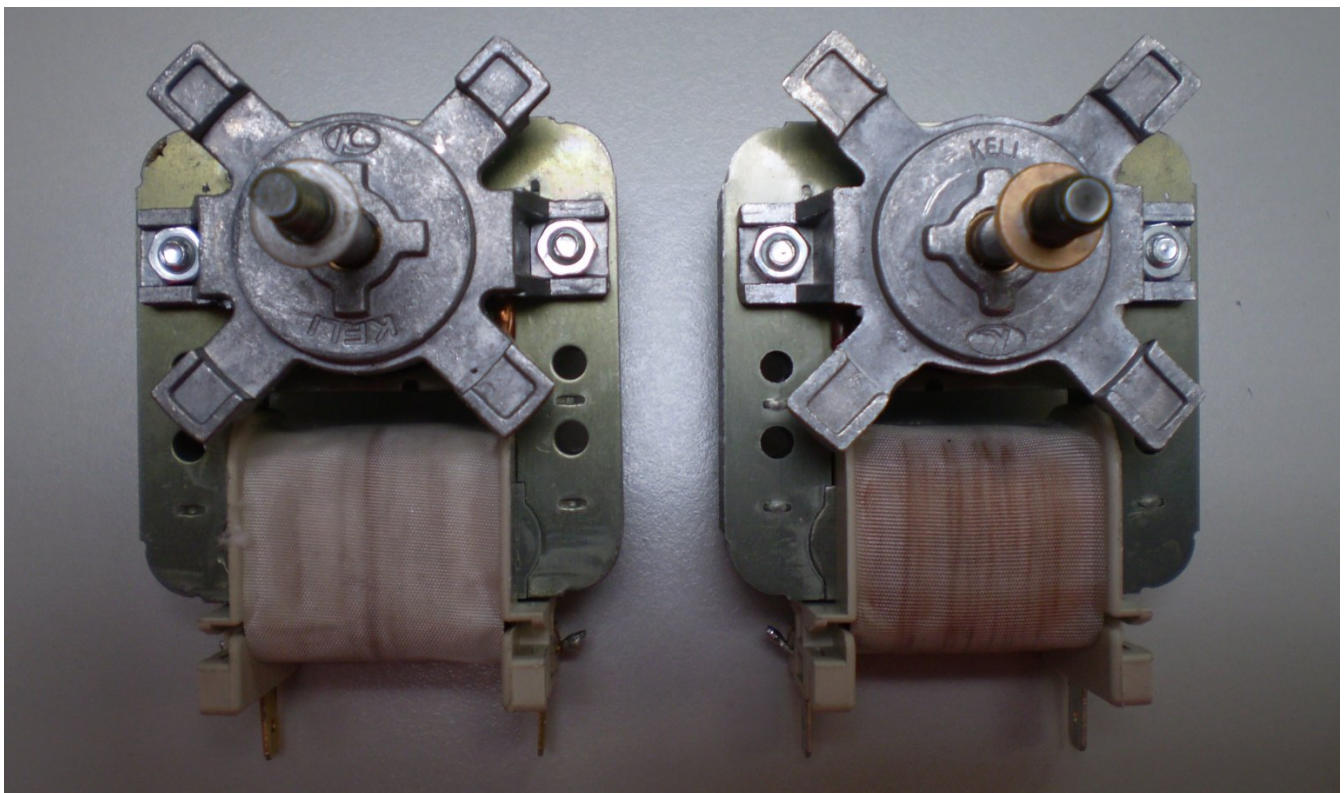


Fan Motors

Part numbers are located on the side.



Right hand side motor has a brass spacer/stop, different cast alloy body and as per the fan, 2 x flats on the motor shaft.



Fan Elements.

2 x 1200w elements. These must not be replaced by a standard 2200w element.

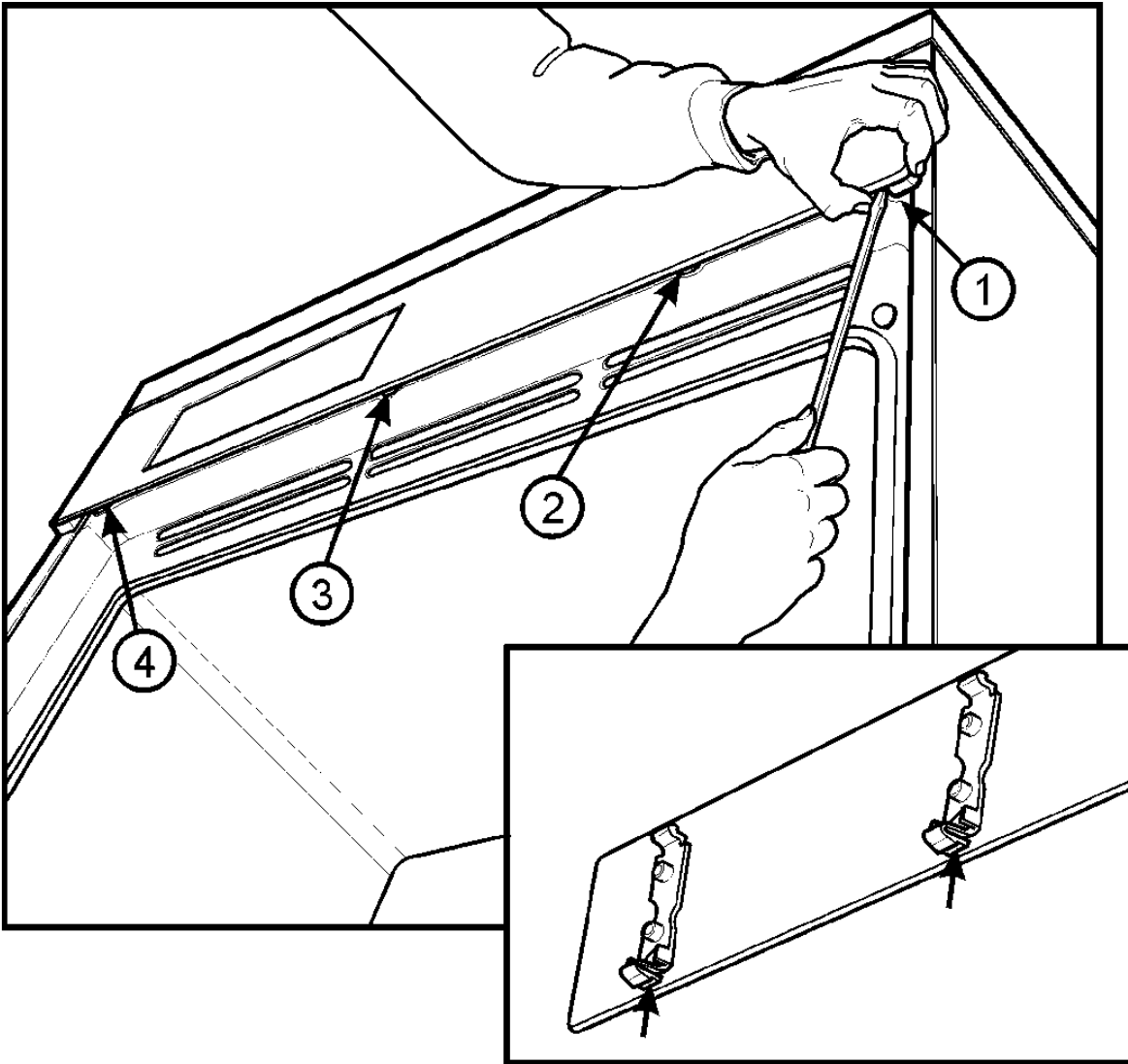
Part number and element wattage is marked on the mounting plate.



Disassembly / Assembly

Control Panel

1. Hold the panel and apply some light force away from the oven.
2. Insert a flat bladed screwdriver into the slots on the underside of the panel. This will disengage the clips.
3. Continue to apply the light force and repeat for the remaining clips.



Hob

Remove the 2 screws at the front of the hob.



Remove the 2 screws at the rear of the hob



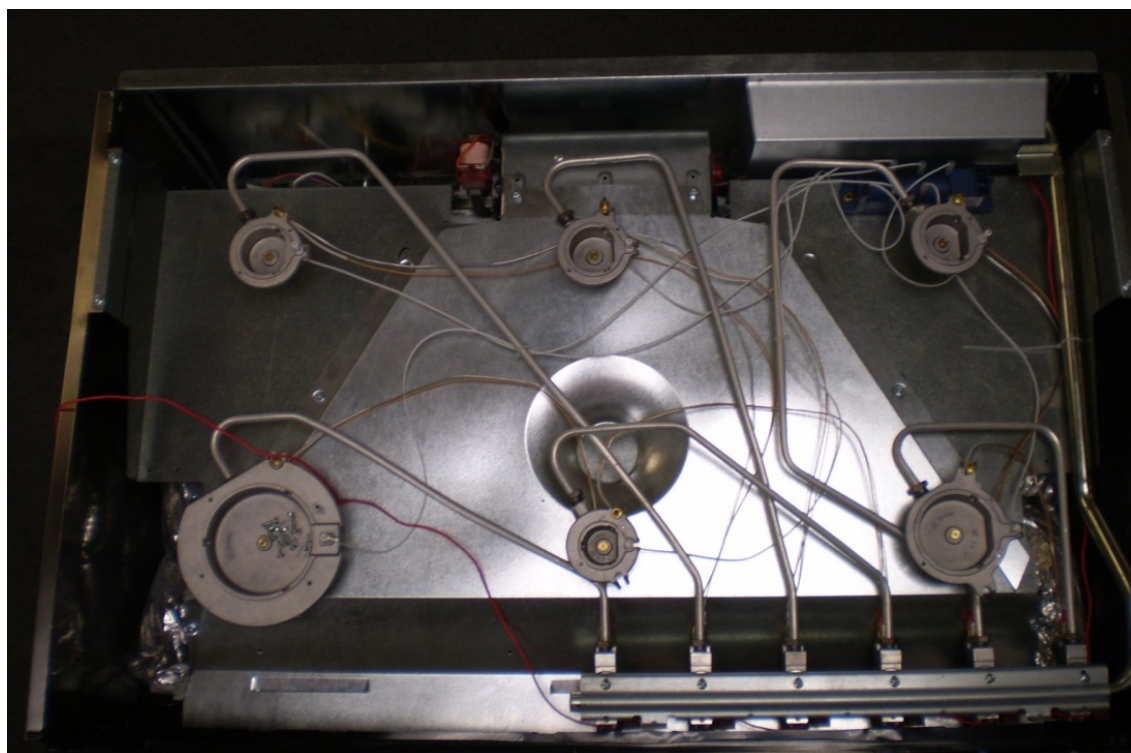
Slide the hob towards the back to disengage the front clips.

Note: Gas hobs the trivets burners and burner cup screws will require removing.



Gas Hobs -

Lift the front of the hob to access the screws which hold the hob to the manifold. The hob can then be removed.



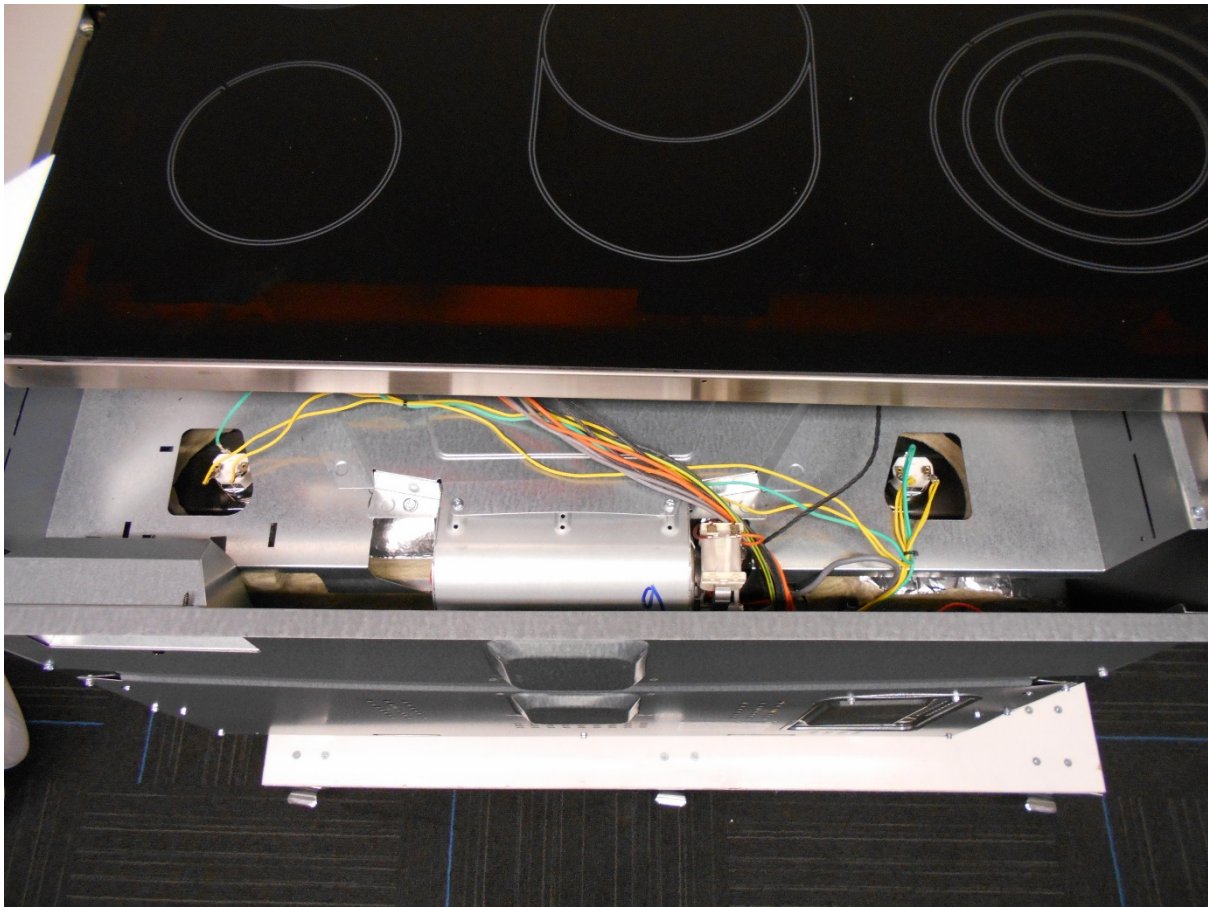
Electric and Induction

Lift the hob and place it on some bearers.

To access elements/coils, powerbards or controllers remove the 10 screws from the hob retaining brackets.

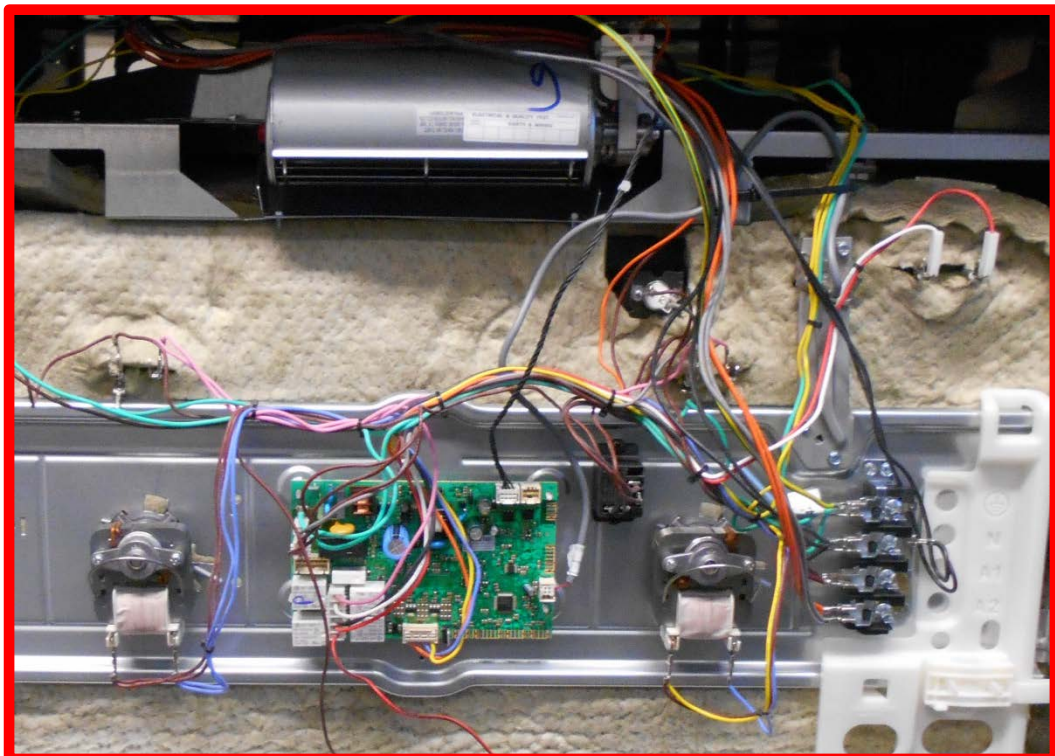
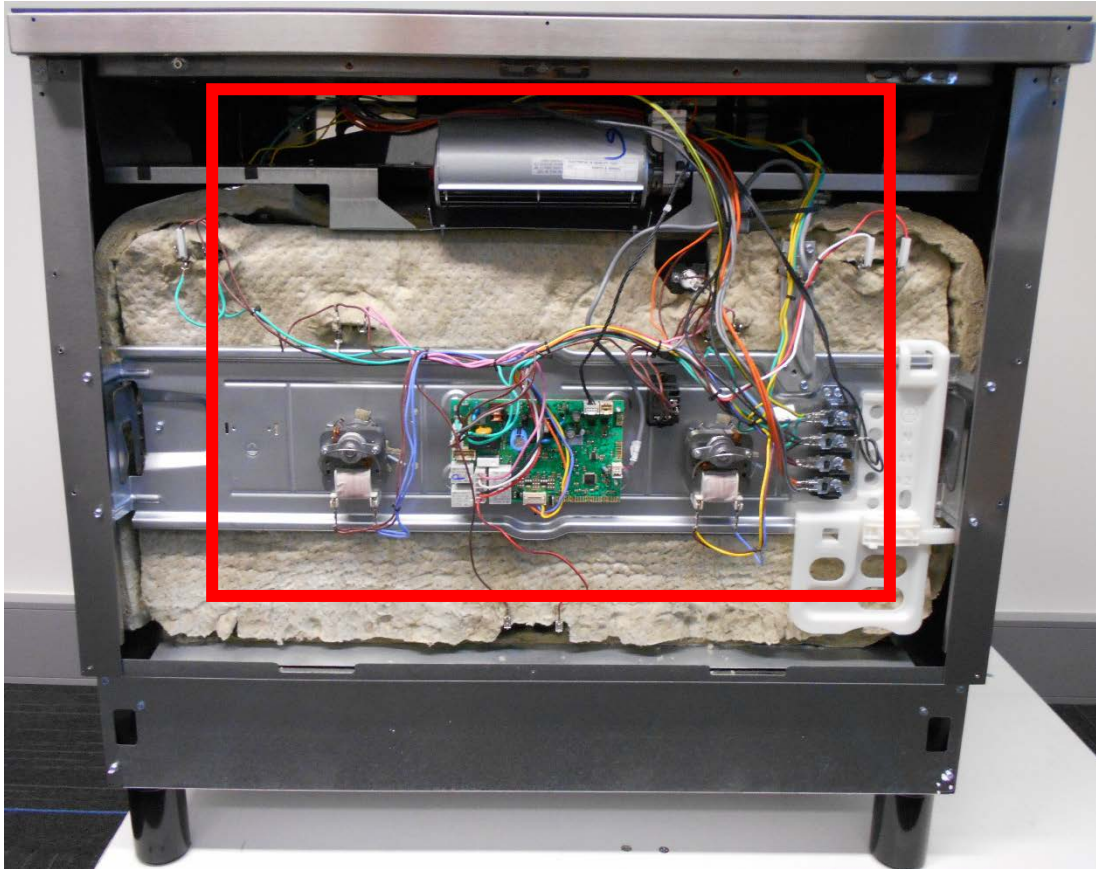


The hob can be moved enough to access the panel deck area and components.

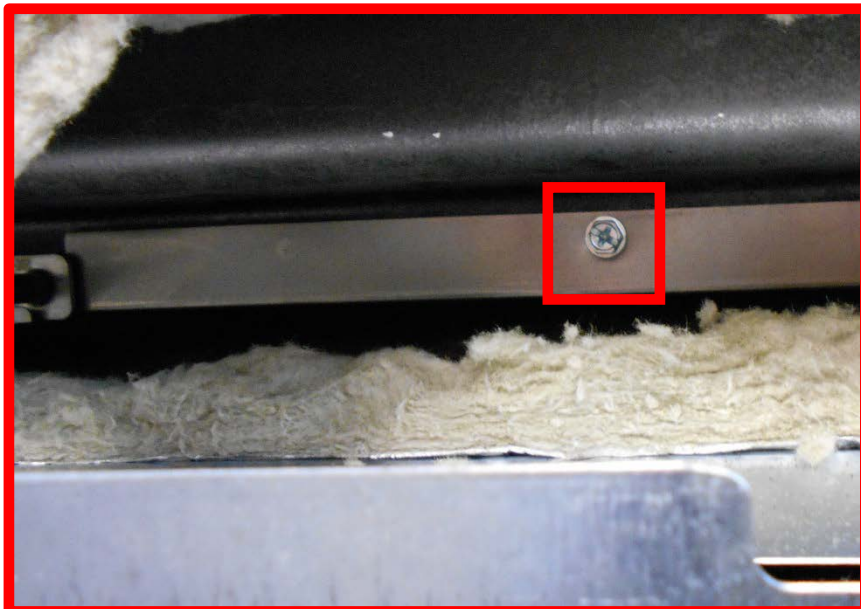
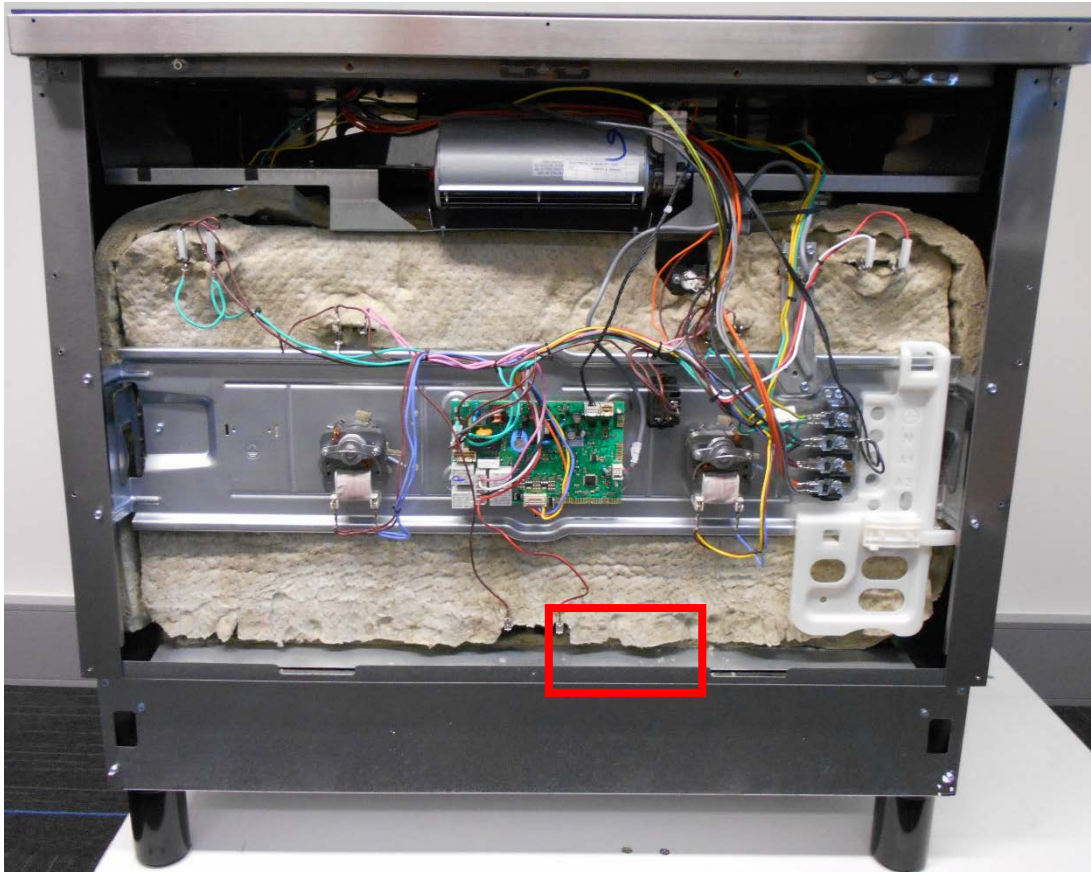


Clean Heat Element

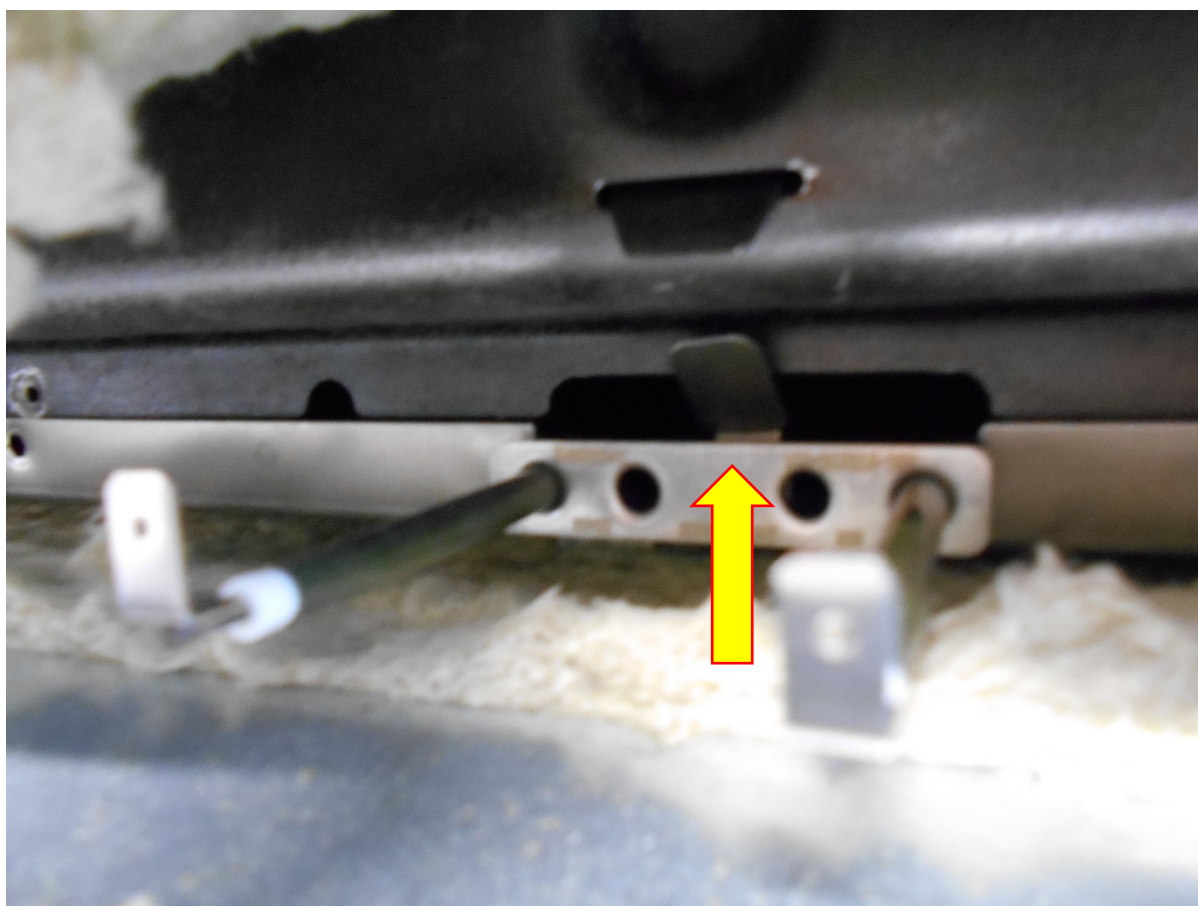
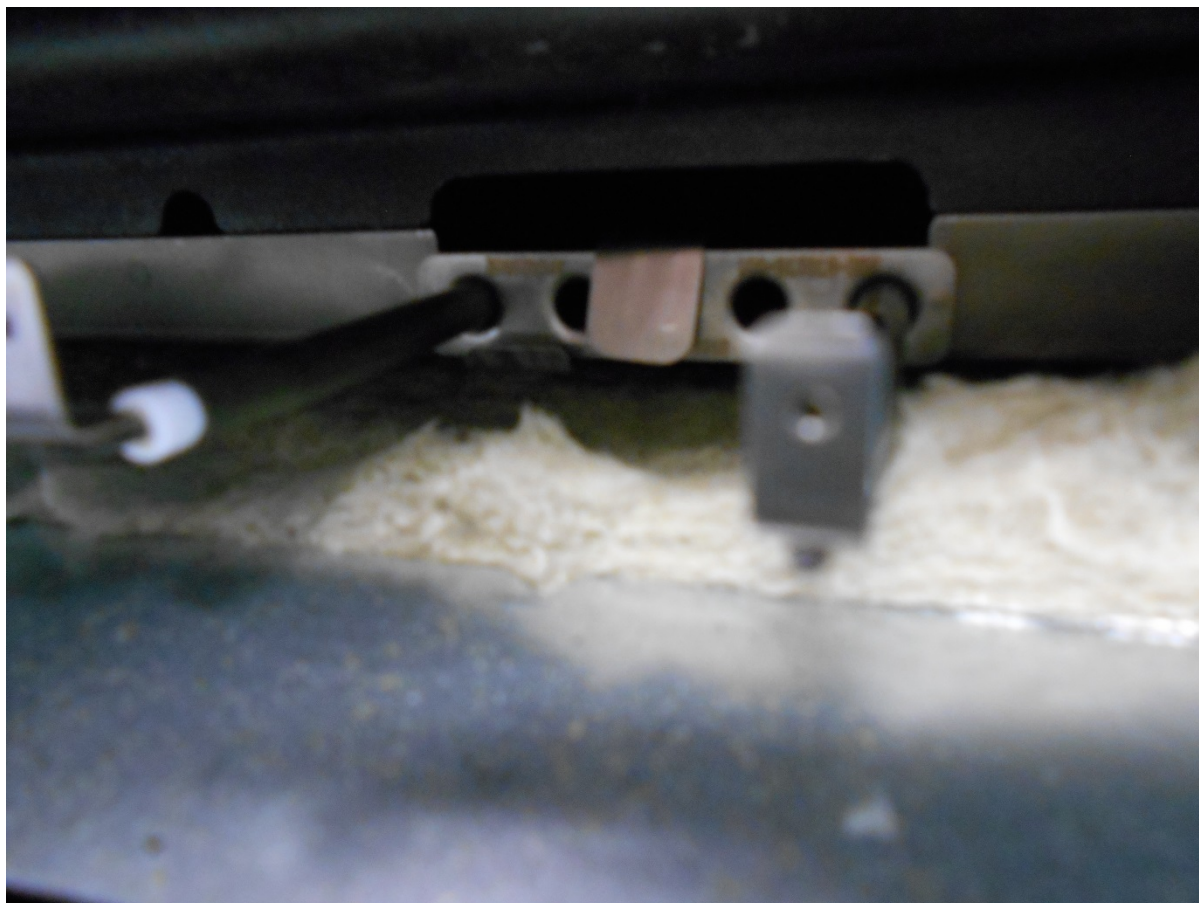
Remove the rear panel - Other components can be accessed at this point also.



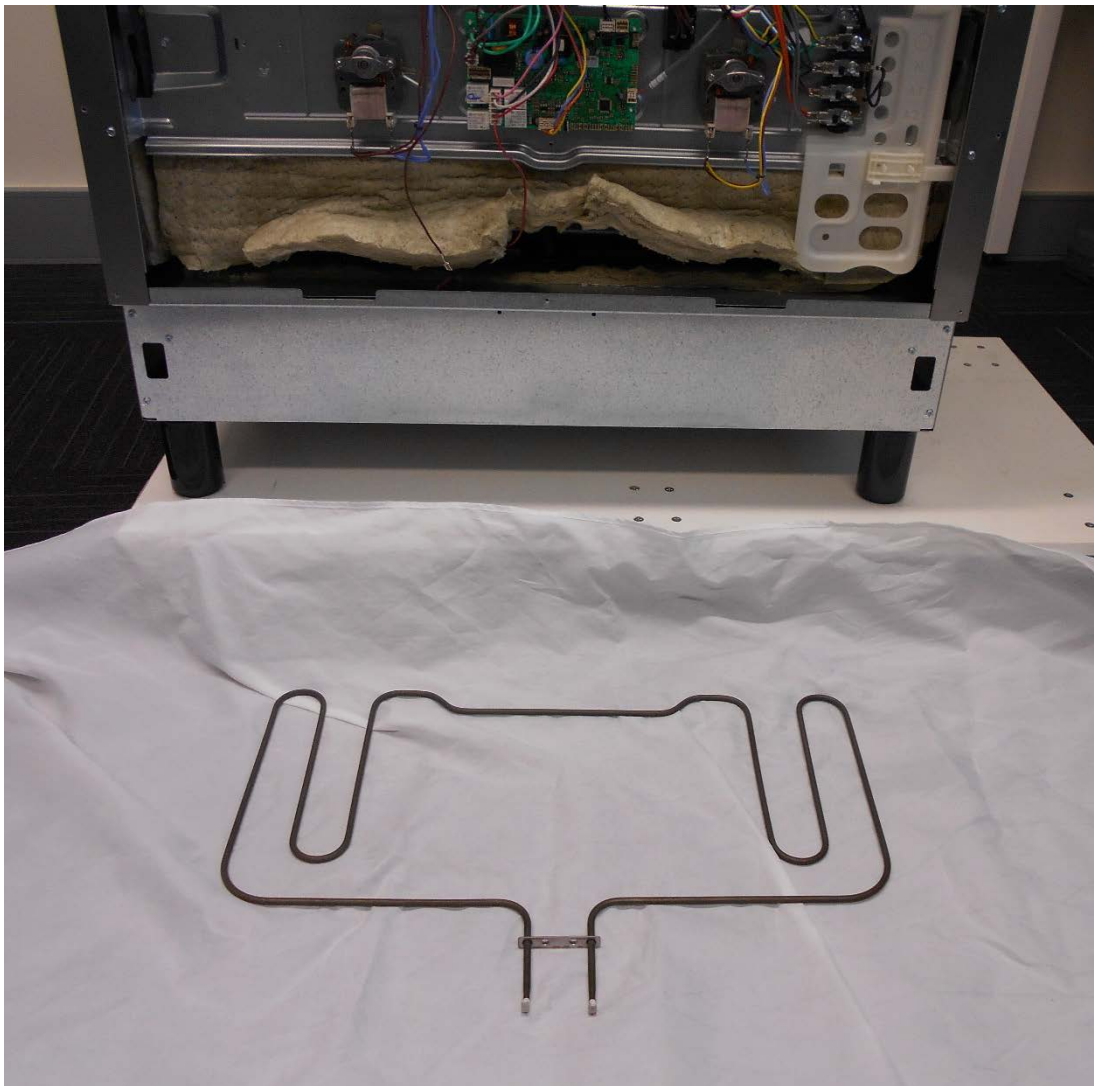
Remove the 2 screws which hold the element cover to the oven



A tab at the centre of the element will require bending up

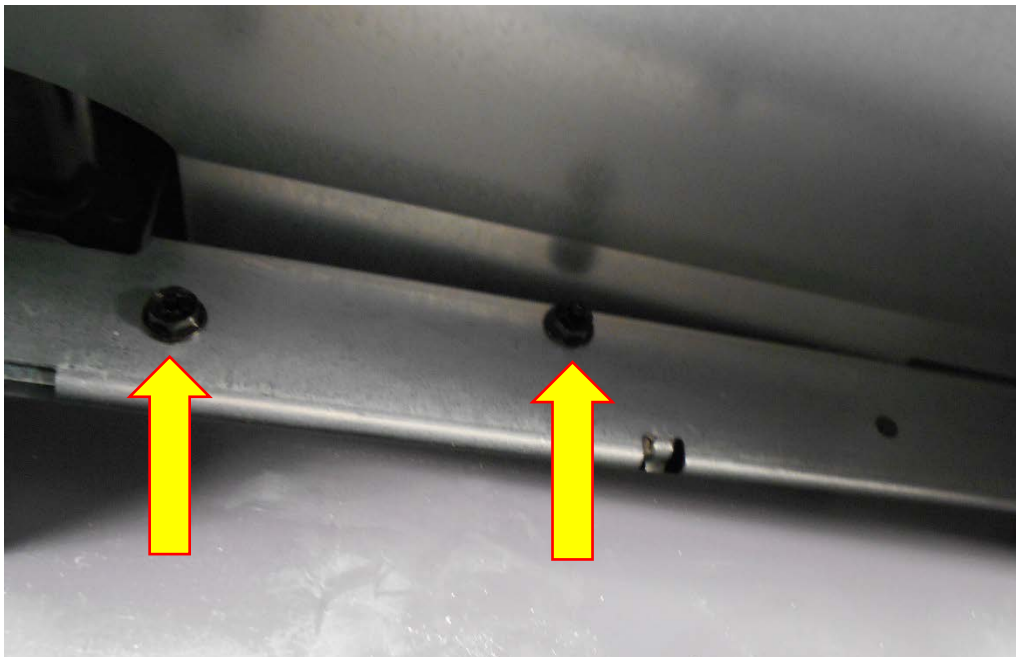
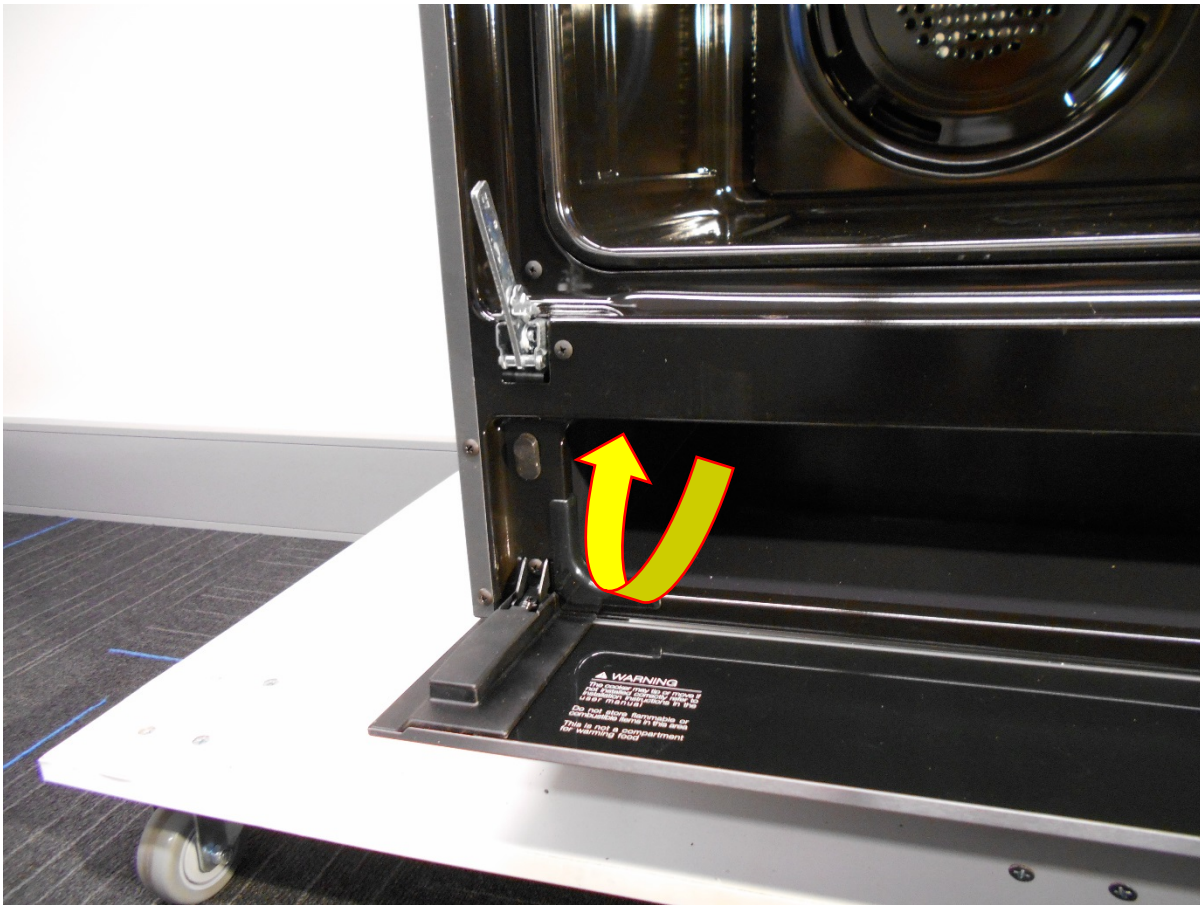


Once the tab is clear the element can be removed.



Hinges

The hinge screws can be found inside the warmer drawer.



PUBLICATION VERSION CONTROL CHART		
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1	Original Document	23/5/19