



**GLEN DIMPLEX**  
**AUSTRALIA PTY LTD**

**BELLING PBi 60 AU Mk2**  
**SERVICE MANUAL**



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THIS MANUAL COVERS THE FOLLOWING MODELS :-

BELLING PBi 60 AU MK 2

## PRODUCT IDENTIFICATION

### ***Appliance rating plate location***

The appliance rating plate is located on the right-hand side of the front frame and also on the rear service panel

9	10	1	8	4	3	2	8
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YEAR

MONTH

NUMBER OF PRODUCTION  
FOR THE MONTH

4	4	4	4	4	0	0	2	8
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PRODUCT IDENTIFICATION CODE

**It is important that during all service calls the model and serial numbers are recorded on all paper work.**



Users Guide  
& Installation  
Handbook



Belling  
Built in Induction Hob PBi60 AU



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## OUR WARRANTY

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Should you need it . . . .

Inside the paperwork which has come with this appliance, there is a leaflet and card explaining the terms of our extended warranty and guarantee. In order to apply for our five year guarantee, simply fill in the details on the card and post it off, this will register your appliance.

Should you wish to take out extended warranty, please fill in the details on the leaflet and post this off to:

Glen Dimplex Australia  
Unit 2, 205 Abbotts Road  
Dandenong South  
Victoria 3175  
Australia  
Ph: 1300 556 816  
Fx: 1800 058 900

Glen Dimplex New Zealand Pty  
38 Harris Road, East Tamaki  
Auckland  
New Zealand  
Ph: 09 274 8265  
Fx: 09 274 8472

If your appliance is covered by the warranty and guarantee, you will not be billed for work undertaken should your appliance be faulty, terms and conditions do apply, so please read through the literature carefully.

Please ensure that you have available your appliances model number and serial number, there is a space at the back of this book for recording that information.

# Before Using Your Hob

Thank you for purchasing a new Belling Induction Hob. Its stylish and practical design will enhance your kitchen and make cooking a pleasure. Even if you have used an induction hob before, it is important that you read these instructions thoroughly before starting to cook, paying particular attention to the installation and safety instructions.

If you have any problems with any aspect of your Belling hob, please check through these instructions thoroughly to make sure that you have not missed anything. If you still need help, then please contact us using the customer care centre number at the back of this book.



**This appliance is for use in a domestic kitchen only, it is not designed, or intended, for commercial use.**



**Please keep these instructions in a safe place. Should you sell or pass on the appliance, please give the new owner this handbook.**



Before using this appliance please make sure that you have removed all packaging and wrapping. Also remove stickers & film from the ceramic glass.



Although every care has been taken to ensure this appliance has no burrs, or sharp edges, we recommend that you wear protective gloves when installing and moving this appliance. This will prevent any injury.

Our policy is one of constant development and improvement. Strict accuracy of illustrations and specifications cannot be guaranteed. Modification to design and material may be necessary subsequent to publication.



Always use a registered installer for this appliance.  
**WARNING! For your own safety, make sure that these instructions on installation, use and maintenance are followed.**

Environmental protection:



Glen Dimplex Home Appliance brands are committed to protecting the environment and operates an Environmental Management System which complies with BS EN ISO 14001.



All packaging with this appliance is recyclable and environmentally friendly.

Please recycle whenever possible - contact your local authority for your nearest recycling centre.

# Safety

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## **Keep children away from the vicinity of the hob when you are cooking.**

- Use pans with a flat base which are stable in use, and avoid using any old misshapen pans or any pan which is unstable when placed on a flat surface.
- Never leave fat or oil unattended on an active cook zone. Don't leave pans on the hob when you are not around - remove them or turn the cook zones off (even if only for a moment)
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance
- Keep all flammable materials away from the hob. Ensure electrical leads do not trail over or go near the hob.
- Do not place aluminium foil or plastic utensils on hot surfaces.
- Turn pan handles to a safe position, so they are out of reach of children, not overhanging the appliance and cannot be caught accidentally.
- Commercial simmering aids should not be used as they create excessive temperatures that can damage the surface and may cause a hazard.
- Caution: Do not use the hob if the glass is cracked, as electrical parts are directly beneath. To avoid the possibility of electric shock, turn off the electricity supply to the hob at the socket and arrange a Service call.

**WARNING:** If you use a griddle plate, ensure that it is completely cool before attempting to lift it from the hob as residual heat may cause burns. Always use oven gloves to protect your hands.

**Do not allow yourself to be distracted whilst cooking.**

**When you have finished cooking check that all controls are in the off position.**

**WARNING:- this appliance is unsuitable for use in a marine environment.**

**WARNING:- servicing should be carried out only by authorised personnel.**

# Safety Advice

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**Smoke alarm** - buy a smoke alarm fitted with a 'hush button' which can silence the alarm instantly should it activate accidentally & does not necessitate the removal of the battery (except to change for a new one).

**Fire Blanket** - consider having a fire blanket in your kitchen, mounted on the wall where you can get to it easily & quickly.

**Deep-fat Frying** - never fill a chip pan (or other deep-fat fryer) more than one-third full of oil. If you do have a chip pan fire:

- 1) call emergency services immediately
- 2) never move the pan
- 3) turn off the heat but only if it is safe to do so
- 4) never use water on a chip pan fire as this will create a fireball.

**Kitchen Fire** - if you have a fire in the kitchen, do not take risks - get everybody out of the house & call 999.

If a pan catches fire:

- 1) do not move it - it is likely to be very hot
- 2) turn off the heat but only if safe to do so & never lean over a pan to reach the controls
- 3) if you have a fire blanket, put it over the pan
- 4) do not use a fire extinguisher on a pan of oil - the force of the extinguisher can spread the fire
- 5) if you have managed to extinguish the fire, allow the pan to cool completely.

**Electrical Fire** - if you have an electrical fire in the kitchen, do not take risks - get everybody out of the house & call emergency services immediately

- 1) pull the plug out or switch off the power at the fuse box - this may be enough to extinguish the fire immediately
- 2) smother the fire with a fire blanket or use a dry powder or carbon dioxide extinguisher
- 3) remember: never use water on an electrical fire.

# Safety & Induction

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## **Detection of an object or a pan on the heating zone**

A small object - such as a fork, a spoon or even a ring - placed on a hob cooking zone on its own is not detected as a pan.

The security system acts in the same way when it detects a pan which is not suitable for use on an induction hob.

## **If you are fitted with a pacemaker or an active implant**

The functions of the hob comply with the applicable standards on electromagnetic interference

Your induction cooking hob thus complies fully with the statutory requirements (Directive 89/336/EEC). It is designed to not interfere with the functioning of other electrical equipment as long as these also comply with the same regulations.

Your induction hob generates magnetic fields in its immediate vicinity.

So that there is no interference between your cooking hob and a pacemaker, the pacemaker must be designed in compliance with the appropriate regulations.

In this respect we can only guarantee the compliance of our own product. You can ask the manufacturer or your doctor about the compliance or any incompatibilities of your pacemaker.

# USING THE INDUCTION HOB

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## About the induction hob

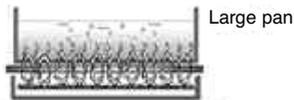
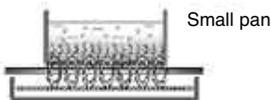
The induction hob provides the most energy efficient hob technology available.

The induction system provides superior heat up and cool down times for pans - you get fast, precise, repeatable power control.

As induction only heats up the pan, there is no lost heat from the cooking process, which in turn, limits the heat generated in the kitchen.

## Auto Power Tuning

Induction hobs have a unique power tuning systems that automatically tunes the power to the size of the pan base this ensures energy isn't wasted.



# USING THE INDUCTION HOB

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## Cookware for induction hobs

Cookware for induction cooking zones must be made of metal and have magnetic properties. The base must also be the correct diameter.

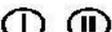
Suitable Cookware for Induction Hobs	Unsuitable Cookware
Enameled steel pots with a thick base	Pots made of copper, stainless steel, aluminium, oven-proof glass, wood ceramic and terracotta
Cast Iron pots with an enameled base	
Pots made of multilayer stainless steel, rustproof ferrite steel or aluminium with a special base	
Pans marked for use with induction	

## How to establish the suitability of a pan

Check your pans with a magnet. If it sticks and it's the correct diameter, it's suitable for use with induction. Also with pans that bear the symbol for suitability for cooking with induction.

**Note** - when using certain pans, you may get various noises from the pans. This is due to the design of the pans and does not effect the performance or safety of the hob.

# INDUCTION HOB FUNCTIONS

Feature	Symbol	Description
Eco Power		Induction power is the most efficient means of cooking food on a hob, providing fast heat up and boiling times
Power slide control		Slide your finger down the stylish & accurate Power Slider or simply touch the control at the exact power level you require
Digital display		Secret 'til "lit" display
No. of power levels	11	Precise & repeatable control settings
Central On/Off Switch		The central on/off switch enables all of the cooking zones to be switched off simultaneously
Keep Warm/Low Temperature		Holds the pan temp. at approx. 65 deg. C - ideal for melting chocolate.
Pause		With this button you can pause all cooking settings with one touch (cuts power)
Recall		Easily recall your hob settings with this function.
Auto Heat Up (4 zones)		Automatically heats up & then turns down power to a lower setting.
Power Boost		Temporarily boost the power to a cook zone by a massive 60%
Minute Minder	Yes	Need to time an egg - use this function
Timer AutoSwitch off (4 zones)	Yes	All four cook zones can be simultaneously timed to turn off automatically.
Griddle Zone		Allows the LH cook zones to be linked creating one large oval cook zone - ideal for griddle plates & large pans.
Pan Detection		Indicates if the correct pans are being used & helps save energy. 
Overheat Pan Detection	Yes	The hob is equipped with additional safety systems which help to prevent cookware from overheating.
Child Lock		Prevents unintentional operation of the hob
Residual Heat Indicators		This feature not only warns of hot surfaces but also indicates residual heat which can be used as a temporary warm zone.
Holiday Shutdown	Yes	Rest assured this hob will eventually turn itself off if left on.
Flush fitting or surface mount	Yes	

# USING THE INDUCTION HOB

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## Touch controls

The touch controls for your induction have been designed to provide you with finger tip control of your hob, providing accurate and repeatable power settings for cooking and an easy clean surface that can be easily wiped over. When a cook zone is activated the power setting is displayed for each zone individually,

## Using the Touch Controls

The cook zone and timer displays function as the touch controls, To select a cook zone or the timer, simply touch the display area, use the flat of your finger, not the tip, The controls respond to touch, so you don't need to apply any pressure.

Once you have selected the cook zone or the timer, you have 10 seconds to set it (while the red LED at the bottom right of the display is on). If the red LED goes out before you have made an adjustment, simply re-select the cook zone or timer by touching the display again.

Always ensure the control area is clean, dry and free from any objects (e.g. utensils, tea towels and cloths), spillages and water may make the controls difficult to operate.

## Basic Hob Function



### Turning on the hob.

1) Turn on the hob, using the on/off button.

Note:-

a) CL (cleared) in the timer display means the timer is not set.

b) If you do not select a cooking zone within 20 seconds, the hob will automatically switch off.

### Selecting and activating a cook zone.

1) Select the required cook zone.

2) Select the required power setting (0-9).

Notes:-

Setting **U** (between setting **0** and **1**) provides a gentle low temp power setting.

(See the special features section for further details).

### Modifying the power setting whilst cooking

1) Select the required cook zone.

2) Adjust the power setting

### Turning off individual cooking zones.

1) Select the required cook zone that you want to turn off.

2) Decrease the power setting until the display shows **0**. If the cook zone surface is hot to touch, **H** will replace **0** in the display.

# USING THE INDUCTION HOB

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## Special Hob Functions

### Central On/Off switch.



The central on/off switch enables all of the cooking zones to be switched off simultaneously at a touch of a button, so when you have finished cooking or are called away from the kitchen for any reason you can rest assured that everything is under control and safe.

#### To Operate

1) Select the on/off key. The key needs to be pressed for at least 1 second to activate, this is to ensure that the hob cannot be activated unintentionally.

#### Note:

All other keys only need to be pressed for 0.3 seconds to be activated/deactivated.

#### Note:

"H" will appear on any cook zone display that is still hot to touch. (see Hob Hot Lights for description of feature).

### Low Temperature Setting (Keep Warm)



This handy little function provides a really low, steady heat, which is lower than a simmer. Its perfect for keeping food warm, defrosting foods or even just melting chocolate without the need for a Bain Marie. Holds the temperature of the pan to approx 65 degC.

#### To Operate

- 1) Turn on the hob.
- 2) Select the required cook zone.
- 3) Select power setting **U** in between power setting **0** and **1**.

### Pause key



#### Warning!

Don't leave pans on the hob when you're not around - take them off the heat if you have to leave the kitchen (even if you think it will only be for a moment, while you answer the door or phone) or you can use the **Pause Key**.

The **Pause key** is ideal for unexpected interruptions when cooking. With this button you can pause all cooking settings (Cuts power) with one touch.

#### To Operate

1) Press the pause key.

#### Note:-

All cook zones functions will pause (no power) and  will be displayed for each cook zone.

2) To restart press the pause button and touch anywhere along the slider control.

Note:- All cook zones will automatically resume to the previous settings.

# USING THE INDUCTION HOB

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## Recall



**oops!** Have you switched off your hob accidentally. Easily recall you hob settings with this function

### To operate:

If the pause Led is active when you switch back on,

select the pause button and touch anywhere along the slider control.

Note:- all cook zones will automatically resume to the previous settings

# USING THE INDUCTION HOB

## Auto Heat Up **A**

Helps to take the worry out of pans boiling over and burning food! No need to stand over the pan, allows you to do other tasks whilst maintaining control over the pan.

The **Auto Heat Up** delivers power full power (**9**) to the zone for a fixed period of time before automatically turning back down to the desired setting.

The **Auto Heat Up** has been tuned to provide the best heat up period for each setting.

Power Setting	Suggested food type	Auto Heat Up time (mins)
Low temp U °C	Melting chocolate	n/a
1	Milk, Soup Stews, Vegetables	1
2		2.5
3		4
4	Rice, Potatoes, Pasta	5
5		7
6	Frying, fish fingers Pancakes, Steaks	2
7		3
8		4
9	Full power	n/a
Boost	Full power +60%	n/a

Average Auto Heat up time is 3 minutes

## To Operate

- 1) Select a cooking zone.
- 2) Select heat setting 9.
- 3) Remove finger and retouch setting 9 position, "A" and setting "9" will flash alternately in the cook zone display.
- 4) Adjust the power setting to the desired (lower) setting that you want the cook zone to automatically adjust to (1-8).

# USING THE INDUCTION HOB

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## End of auto Heat Period

Initially, while the cook zone is at the highest setting, “A” will flash alternately with your selected lower setting. Then, when the period of highest setting is over, “A” will stop flashing and the cook zone will automatically reduce the heat to your preset lower setting.

## Power Boost

Rev up your hob with this feature, temporarily boost the power to a cook zone by a massive 60%

The power boost is a function that can be used to temporarily boost the normal maximum power for a cook zone by borrowing the available power from a “paired zone”.

All the cook zones have this function apart from the “**Griddle Zone**” function. The hob is split into “two paired areas”.

LH Area (LHF and LHR Cook Zone) and RH Area (RHF and RHR Cook Zone). Only one cook zone per area can be boosted at anyone time,

Cook Zone	Normal Max Power	Boosted Power kW	Maximum Permissible setting on paired zone
LHF	1.85	3.00	9 (LHR)
LHR	1.85	3.00	8 (LHF)
RHF	1.40	2.20	8 (RHR)
RHR	2.30	3.70	6 (RHF)

**Note** The Power Boost function will only operate for a limited time and is also under thermal control this means the power boost will deactivate automatically if the product is hot this is to protect the internal electronic components of the hob or to prevent the cookware from overheating.

## To Operate

- 1) Select the required cook zone.
- 2) Select the Power boost key (Letter “P” appears in cook zone display).

# USING THE INDUCTION HOB

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## Minute Minder **CL**

The minute minder buzzes when the time set has expired. Does not switch off any zone.

### To operate

- 1) Turn on the hob, using the on/off switch.
- 2) Select the timer **CL** (do not activate any cook zone).
- 3) Set the right hand digit up to 9 minutes (Single Minutes Units) and wait a couple of seconds.
- 4) The display will now indicate for you to set the left hand digit, up to 90 minutes (10 Minute Units).
- 5) The timer is now set and begins counting down. (No zone indicator light should be set)
- 6) You can now use the hob as normal.

### When the time is up

- 1) The corresponding indicator in the timer display will flash, the timer will beep.
- 2) Touch any control to stop the beeping.

# USING THE INDUCTION HOB

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## Timer auto switch off

The timer can be set to automatically turn off a cooking zone. All four cook zones can be simultaneously timed to turn off automatically. Cook zones can be set for a maximum time of 99 minutes.

### Warning!

Never leave the hob unattended when in use, even when you have set the timer to turn off the cook zone

### To Operate.

- 1) Select the cook zone to be timed, ensure power level is already set before selecting timer.
- 2) Select the timer, the flashing indicator on the timer display means the timer is ready to be set for that particular zone.
- 3) Set the right hand digit up to 9 minutes (Single Minutes Units) and wait a couple of seconds.
- 4) The display will now indicate for you to set the left hand digit, up to 90 minutes (10 Minute Units), and wait a couple of seconds. Skip this step if you want set the timer for less than 10mins, leave the timer for a few seconds at it will automatically set and start counting down.
- 5) The timer indicator in the timer display stops flashing and remain lit, the timer is now set and begins counting down.

### When the time is up

- 1) The corresponding indicator in the timer display will flash, the timer will beep, and the cook zone will automatically turn off, (The cook zone will display H if the surface is hot).
- 2) Touch any control to stop the beeping.

### Additional timer information

To modify or cancel a timer setting follow steps 1) to 5) above.

To set the timer for additional zones follow steps 1) to 5) above.

If multiple zones have been set for timed operation , the timer display will always display the time for the cook zone with the shortest time remaining.

To check the timer setting for a different cook zone, simply select the required cook zone, the remaining time will briefly appear in the timer display.

# USING THE INDUCTION HOB

## Griddle Zone with Bridge

**Function**



Flexibility is what counts.

The LH zones can be used as two separate round cooking zones which can be controlled individually or they can be bridged to provide a large oval zone that can be controlled via one setting. Large pans and griddle plates can be placed across the two zones.

### To Operate:

- 1) Simultaneously select the LHF & LHR cook zones (n will appear in the LHR cook zone display).
- 2) The power setting is controlled via LHF cook zone (0-9).
- 3) To cancel the bridge function, simultaneously select the LHF & LHR cook zones (n will disappear from the LHR cook zone display). The LHF & LHR zones can now be operated independently.

### Keep Warm

The Keep Warm setting is found between power setting 0 and 1 indicated by the symbol .

## Pan detection

When a zone has been activated but no pan has been placed on the cook zone, this means the hob only uses power when a suitable pan is placed on the zone, this reduces the energy used during the cooking process, i.e. when you take your pan off the zone the hob automatically reduces the power, and only switches back on when you replace the pan.

**Note** If the  symbol does not disappear when  pan is placed on the zone it indicates that the pan is not suitable for induction cooking.

Get a magnet & check the pans.

### Pan Sizes

Cook Zone	Smallest recommended pan diameter
LHF	145 mm
LHR	145 mm
RHF	120 mm
RHR	180 mm

# USING THE INDUCTION HOB

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## Overheat pan protection

The hob is equipped with additional safety systems that help to prevent cookware from overheating, providing an additional level of safety not available on conventional hobs such as gas and ceramic hobs.

<b>Approx Glass Surface Temperature degC</b>	<b>Intelligent hob safety system</b>
200	Reduces Power Boost setting to Power Level 9
250	Reduces power to 60% of Power Level setting
270	Switches cook zone off
300	Switches whole appliance off

### Note

The safety temperature control of the pans is only possible with quality flat bottomed pans suitable for induction cooking; Poor quality pans can create air gaps between the glass and the pan, which affects the accuracy of the temperature control.

# USING THE INDUCTION HOB

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## Child Lock **L**

This feature is to help prevent accidental switching on of the hob, especially by young children.

### To Activate:

- 1) Select the On/Off Key.
- 2) Simultaneously touch the RHF cook zone and the Power Boost keys, the hob should beep.
- 3) Remove fingers and touch the RHF cook zone again. (**L** should appear in all the cook zone displays).
- 4) Switch off the hob.

When you now switch on the hob "**L**" will appear in all the cook zone displays. The child lock feature will be permanently activated, to de-activate follow the procedure below.

### To operate the hob with Child Lock Activated:

- 1) Select the On/Off Key. (**L** will be displayed on all Cook Zones).
- 2) Simultaneously touch the RHF cook zone and the power boost button, (**L** will disappear from all cook zones).
- 3) The hob can now be used normally.

### To de-activate the child lock:

- 1) Select the On/Off Key. (**L** will be displayed on all Cook Zones).
- 2) Simultaneously touch the RHF cook zone and the Power Boost keys, the hob should beep.
- 3) Remove fingers and touch the Power boost key again. (The hob should switch off).
- 4) When you now switch on the hob "**0**." will be displayed in all cook zone displays, the hob can now be used normally.

## Residual Heat indicators **H**

If when the cook zone is switched off the glass surface is above 60C, **H** will be displayed in the cook zone display until the glass surface drops below approx 55C. This feature not only warns you against hot surfaces but also indicates that there is residual heat which can be used as temporary warm zone.

### Note

The cook zone itself does not heat up, but the ceramic glass does get hot because of the hot pan conducting heat back onto the hob glass.

# Cooking Tips

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- Green vegetables (spinach, broccoli, sorrel, etc) or vegetables rich in sulphur compounds (cabbage, onions, etc) should be cooked without a lid in plenty of boiling water; they will cook more quickly, and will keep their green colour (some vegetables only), vitamin and minerals content.
- Pasta, rice, cereals, etc absorb water during cooking and increase in volume; cook them in plenty of boiling salted water in order to dilute the starch they contain.
- Make sure you use a sufficiently large pan to avoid boiling over; the temperature setting may need to be reduced to maintain a simmer.
- Mushrooms should be poached in a small quantity of boiling water, with salt, butter and lemon juice.
- When liquids boil, reduce the control setting to maintain a simmer.
- Vegetables will cook quicker if chopped in smaller pieces.

## **Aluminium foil**

When cooking, never use kitchen foil and never put items wrapped in kitchen foil straight onto the hob.

The aluminium kitchen foil may melt and do irreparable damage to your appliance.

# Care & Cleaning

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Some cooking operations generate a considerable amount of grease. This, combined with spillage, can become a hazard if allowed to accumulate on the hob through lack of cleaning. In extreme cases this may amount to misuse of the appliance and could invalidate your guarantee.

**Do not** use caustic pastes, abrasive cleaning powders, coarse wire wool or any hard implements, as they will damage the surfaces.

**Do not** use soap filled pads, metal wire, bleaches, bath stain removers, or chemical oven cleaners; all these product types will damage the ceramic glass.

All parts of the hob can be safely cleaned with a cloth wrung out in hot soapy water.

The following recommendations will help to keep the ceramic glass surface bright and clean:

- Use a dampened paper towel or clean damp cloth to apply a small dab of cleaner conditioner to clean each heating area.
- Use another paper towel or a clean dry soft cloth to wipe dry, and then polish the whole glass surface.
- To remove any stubborn marks or heavy soiling, a non scratching, mild cream cleaner may be used. Alternatively, a "ceramic hob scraper" may be used.

**Important:** If you use a wet paper towel or clean damp cloth to remove spillage from a warm heating area of the hob, be careful to avoid steam burns.



Always **allow the hob to cool before cleaning.**

Always: **switch off the electricity supply before cleaning this appliance.**

Caution: **Any cleaning agent used incorrectly may damage the hob.**



Do not use steam cleaners on any part of this appliance.

# Care & Cleaning

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## Care and maintenance

Before using the hob for the first time, apply a thin coating of cleaner conditioner to the ceramic glass, and polish the surface with a clean cloth.

The conditioner gives a protective covering to the ceramic glass which not only makes the hob easier to clean, but also ensures that you will gain maximum life out of this product. Occasional use will help prevent the build up of mineral deposits which can cause discolouration of the hob surface.

## Discolouration of the hob

**Do not** use a dishcloth or dish sponge to wipe the hob - this can leave a film of detergent on the surface which will discolour the hob next time a heating area is used. Clean cloths kept for the cleaning of the hob can be used.

**Do not** use too much cleaner conditioner - only a thin coating is required, any excess may burn on and discolour the hob when it is next in use.

If persistent stains or marks remain on the ceramic glass surface, it can be cleaned using a mild cream cleaner or a ceramic hob scraper. This will also remove any accumulated salts or minerals before they have an opportunity to discolour the ceramic glass.

Wipe clean with a damp paper towel or clean damp cloth and re-apply cleaner conditioner.

	Remove spillages	
Type of spillage	Immediately	Wait for the appliance to cool down - "Burn Risk"
Water, milk, sauces	Y	
Sugar & food containing sugar	Y	
Residue from frying		Y
Fat splashes		Y

# Troubleshooting

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## **The hob produces a smell the first few times it is used**

- Heat a pan full of water on each zone for half an hour.

## **Pans make a noise during cooking!!**

- This is caused by vibration due to the passage of energy from the hob to the pan. On a high setting this is quite normal for certain types of saucepan. It will not damage the hob.

## **The hob makes a slight clicking sound**

- This is caused by the distribution of power between two heating zones on the same side of the hob.

## **The top of the hob is always warm (even when not in use)**

- The electronic part of the hob, like any other electronic equipment (TV, transformer, etc), becomes warm.

## **The fan keeps working for a few minutes after the hob has been turned off**

- To cool down the electronics.

## **The hob won't work. The indicators don't come on**

- The electricity supply is not reaching the appliance (faulty supply or connection); Check the fuses and the cut-out switch.
- The electronic circuit is not working properly; Call Stoves Customer Support, or your supplier.

## **When it is turned on, the appliance cuts out**

- The hob connection is faulty.

Check the connection and check that the connection complies with the appropriate standards.

Code	Problem	Possible Cause	Solution
	Hob is not working (L) in display	Child lock is activated	Deactivate child lock
	Power boost not working	The appliance is hot - Power Boost is deactivated when the appliance is hot to protect the electronics & prevent pans overheating	Allow appliance to cool, power boost will be available when the appliance is cool
<b>ER21</b>	Control unit cuts off after programme setting	Electronics overheating	Allow appliance to cool
<b>ER400</b>			Check mains cable connection & terminals at the terminal block are wired correctly
<b>E2</b>	Overheating of induction coil	Pan overheating	Remove pans & allow to cool
<b>E8</b>	Fan blocked or faulty	Fan inlets are blocked or faulty fans	Clean fan inlet at rear/underside of the appliance

# Installation Instructions

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## General information

Installation should only be carried out by a qualified installer or engineer.

Please keep to the following points most carefully;

- The hob should not be fitted above a washing machine, a fridge or a freezer.
- Wall surfaces above the work surface and in the immediate vicinity of the cooking hob must be heat resistant.
- Laminated surfaces and the adhesive used for fixing them must be heat resistant in order to avoid any damage.
- The space for air circulation, located underneath and at the back of the hob improves its reliability by ensuring that it will cool down, efficiently.
- For installations in the Republic of Ireland, refer to National Regulations applicable to this product.



We recommend that you install this appliance in a work top which is a minimum 38mm deep. The hob can be fitted into a work top less than 38mm deep, but the 9mm gap between hob base and appliance must be maintained.

## Choosing your installation

1. Over a unit with a door or drawer.
2. Above an oven.

## Induction hob

Make sure that the air inlets through the ventilator grids underneath the hob are never blocked.

## Installing the hob over a unit with a drawer or door

Air outlet is underneath work surface.

If necessary, remove the front crosspiece of the unit.

Suitable protection to prevent obstruction of the air inlet to the fans must be provided.

# Installation Instructions

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## **Installation advice - cabinetry**

### **Dealing with sides, cross-rails and back-panels in cabinetry**

Depending on the cabinets, the worktop thickness and the hob positioning, it is possible for the hob base and/or the clamp brackets to interfere with parts of the cabinet. These can be dealt with as follows:

#### Cabinet sides

If the hob is to be installed across the top of two cabinet housing units, then the base of the hob may interfere with the sides of these units. It will be necessary to cut away the top of the unit sides locally to clear the hob and/or the clamp brackets.

#### Cross-rails

##### 1. Interference with hob base

If there are any cross-rails which obstruct the hob base by running across the worktop cutout, they can simply be removed or locally cut-away to allow the hob to be installed, depending on the particular installation. Any modifications must ensure that the strength of the cabinet is maintained.

##### 2. Interference with clamp brackets

If there are any cross-rails which prevent the clamps from being positioned on the front or rear edges of the hob, then they can be removed or locally cut-away around the brackets to allow the brackets to be installed. Any modifications must ensure that the strength of the cabinet is maintained.

#### Back-panel

If the cabinet has a back-panel which prevents the clamps from being positioned on the rear edge of the hob, then this panel can be completely removed or locally cut-away to allow the brackets to be installed.

# Installation Instructions

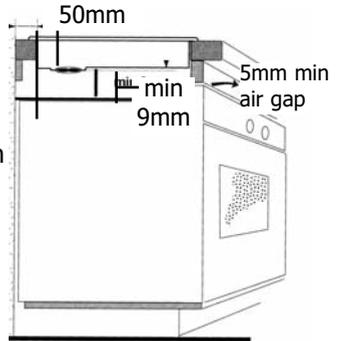
## Installation above an oven

Refer to the manufacturer's instructions for clearances above the oven.

We recommend a 9mm gap between the bottom of the hob and appliance, should the work surface be less than 38mm deep.

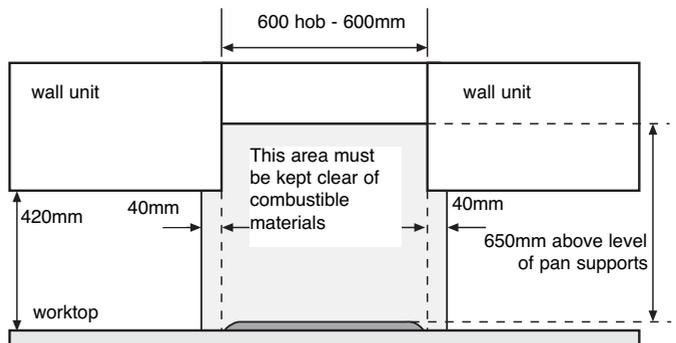
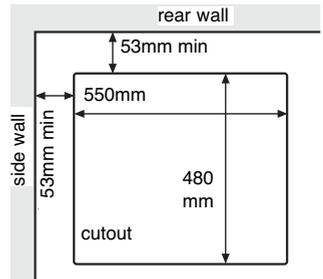
## In the case of a pyrolytic oven

If installing the hob above a pyrolytic oven, additional provision for air circulation / ventilation may be required. Due to the excessive temperatures attained during pyrolysis, using the hob at the same time may cause the thermal safety device within the hob to operate.



## Clearances and dimensions - requirements

1. No shelf or overhang of combustible material should be closer than 650mm above the hob.
2. There must be a minimum clearance of 50mm between the edges of the hob and any side walls; this clearance must be maintained up to 420mm above the worktop.
3. There must be a minimum clearance of 50mm between the rear edge of the hob and the rear wall. This clearance must be maintained up to 650mm above the worktop.
4. When installing an extractor hood above the hob, refer to their Manufacturer's instructions.



# Installation Instructions

## Fitting into worktop

- Cut a hole in the work surface to the required size. See table for relevant dimensions.  
A clearance of at least 50mm should be maintained between the cutout and any rear or side wall.
- The worktop must be of heat-resistant material or covered with heat-resistant material.
- Protecting the cut-out;  
The types of chipboard used for work surfaces swell relatively quickly in contact with humidity.  
Apply a special varnish or adhesive to the cut edge to protect it from steam or condensation which may form under the work surface under the hob.

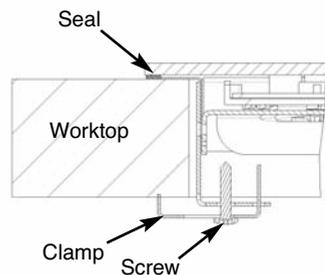
Cutout required	
WIDTH	550mm
DEPTH	480mm
Clearance required	
SIDE WALL	53mm
REAR WALL	53mm

This hob can be installed conventionally (glass above the work top) or recessed into the work top for a flush fit.

## Conventional Installation

Apply the self adhesive seal to the underside edges of the hob glass. For best results, the seal should be adhered along each side in turn, as close to the edge as possible, and trimmed at each corner, taking care to ensure a neat join.

Place the hob in the aperture, checking the hob glass is covering the work top along all four sides. Set the front edge of the appliance parallel with the front of the work top. Locate and attach the securing clamps to the front and rear underside of the hob, using the 2-off pozidriv self-tapping screws provided. Tighten the screws so that the hob is pulled down firmly against the worktop, thus ensuring a good seal.



Important: Clamps may be reversed to fit either 30mm or 40mm deep work top.

# Installation Instructions

## Recessed Method (selected models)

Recess the work top to the appropriate depth and shape to fit the hob.

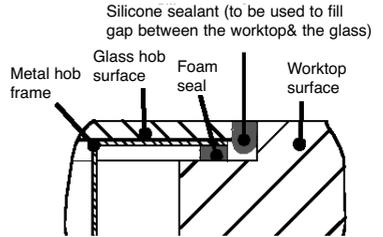
Apply the self adhesive seal to the underside of the hob glass. For best results, the seal should be adhered along each joint in turn, as close to the edge as possible, and trimmed at each corner, taking care to ensure a neat join.

Insert the hob into the recess, ensuring that the foam seal is sitting correctly. Locate and attach the securing clamps to the front and rear underside of the hob, using the screws provided. Tighten the screws so that the hob is pulled down firmly against the worktop, thus ensuring a good seal.

You may want to fill any gap between the hob top glass and the work top surface with silicone sealant.

**DO NOT** fit silicone sealant under the glass hob instead of foam seal.

**i** Important: Clamps may be reversed to fit either 30mm or 40mm deep work top.



# Installation Instructions

## Connect to the electricity supply

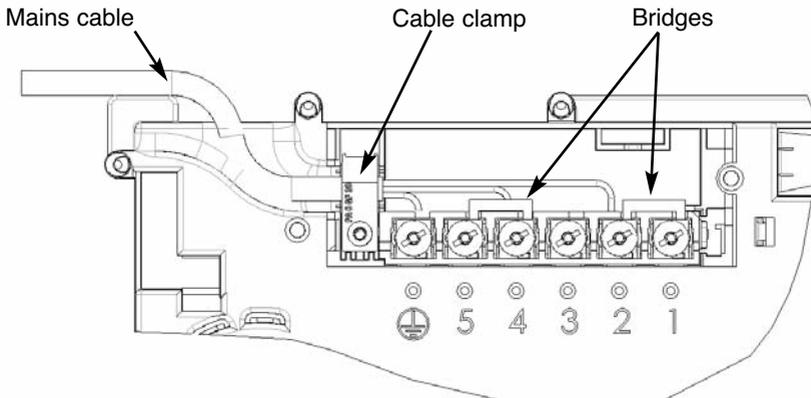
Warning: This appliance must be earthed.

The hob must be installed by a competent electrician, using a suitable double pole control unit, with 3mm minimum contact separation at all poles.

We recommend that the appliance is connected by a qualified electrician who will comply with the I.E.E. and local regulations.

- Connection should be made with a suitable cable.
- Strip the wires & connect to the terminal block as shown in the diagram & table below.
- Fit the cable clamp & secure with the torx head screw provided.
- Close the terminal box, ensuring that the cover is engaged on the locking tabs.

**i** Important: Ensure that you route all mains electrical cables well clear of any adjacent heat source, such as an oven or grill.



Wire	Colour	Connect to:
Live	Brown	Terminal 2
Neutral	Blue	Terminal 4
Earth	Yellow / Green	

# Technical Data

**Electrical supply/load** 240V 50Hz 7.0kW

**Countries of Destination:**

AU = Australia, NZ = New Zealand

**Warning:** This appliance must be earthed.

Data badge is located on the underside of the hob.

# CONTACT US

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## Calling for a service

If you should experience any problems with your cooker please contact your retailer or place of purchase.

Important note:

Service work is to be conducted by authorised persons only. It is also advisable that your cooker is checked regularly and maintained in good condition. An annual maintenance is recommended.

Always check the instruction book before calling a service agent to make sure you have not missed anything.

Glen Dimplex Australia Pty Ltd Customer Care:

**Tel: Australia 1-300-556-816**

**New Zealand 09-274-8265**

Before you contact a service agent, make sure that you have the following information to hand:

Model Number

Serial Number

Date of Purchase

Postcode



Glen Dimplex Australia, Unit 2, 205 Abbots Road, Dandenong,  
South Victoria 3175, Australia  
e-mail: [sales@glendimplex.com.au](mailto:sales@glendimplex.com.au)  
web: [www.glendimplex.com.au](http://www.glendimplex.com.au)

**Model Names:** Belling PBi60 Hob AU 082752601

PRODUCT: BEL Pbi 60 AU Mk2 Blk  
 COLOUR: Black  
 CODE: 444440569  
 ISSUE:  
 DATE:

Induction Ho-

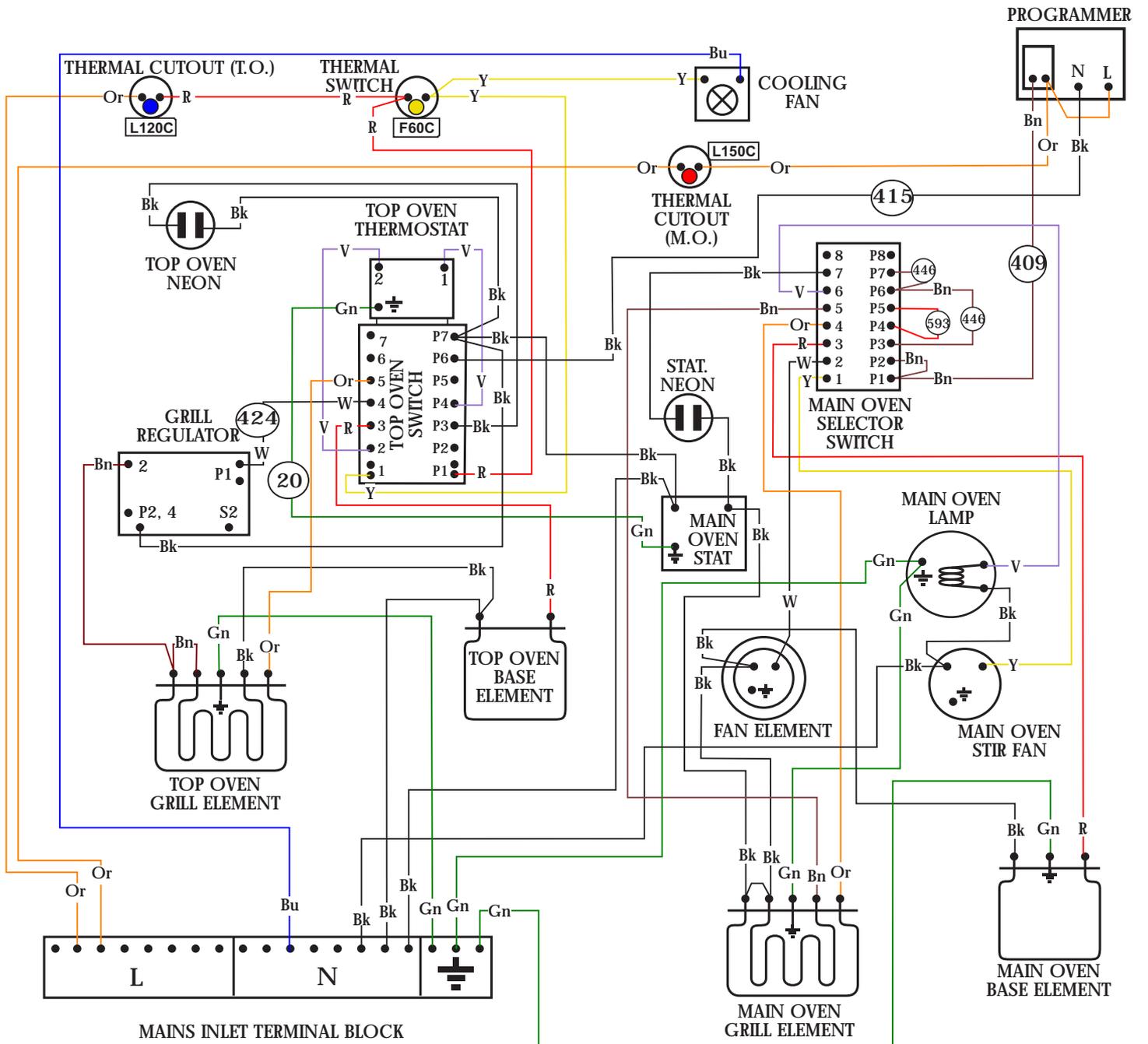


Key	Product	Product Description	TCO	Replace	Date	Qty
	<b>073103848</b>	<b>HOB MECH hob ind tc</b>				1
0057	083021700	Bridge EGO 75.97009.001				2
0174	503021300	CLAMP				2
0175	083021400	Cable clamp EGO 968.199				1
	083080700	filter board				1
	083080800	Power board				1
	083081000	Fan				4
	083081100	induction unit Ø 145/180 mm				1
	083081200	induction unit Ø 180/150 mm				2
	083081300	induction unit Ø 210/100 mm				1
	083081400	User Interface PCB (Slider)				1
	083081700	LIN cable (400mm)				2
	083081800	LIN cable (265mm)				2
0207	083021600	Cover terminal block 968.265				1
0665	503021200	PLATE installation				2
0734	083019300	SEAL A196-10:1				1
	<b>073105085</b>	<b>HOB AES hob be ind tc blk</b>				1
0472	013071303	HOTPLATE glass assy pbi60				1
	073107730	Labels be hob 60i au				1
	082752601	Handbook				

Wiring colour code: Bk - Black, Bn - Brown, Bu - Blue, Gn - Green, Or - Orange, R - Red, W - White, Y - Yellow, P - Pink.

Mains Voltage Wiring Diagram for Induction Hob

# Main Oven And Top Cavity Wiring

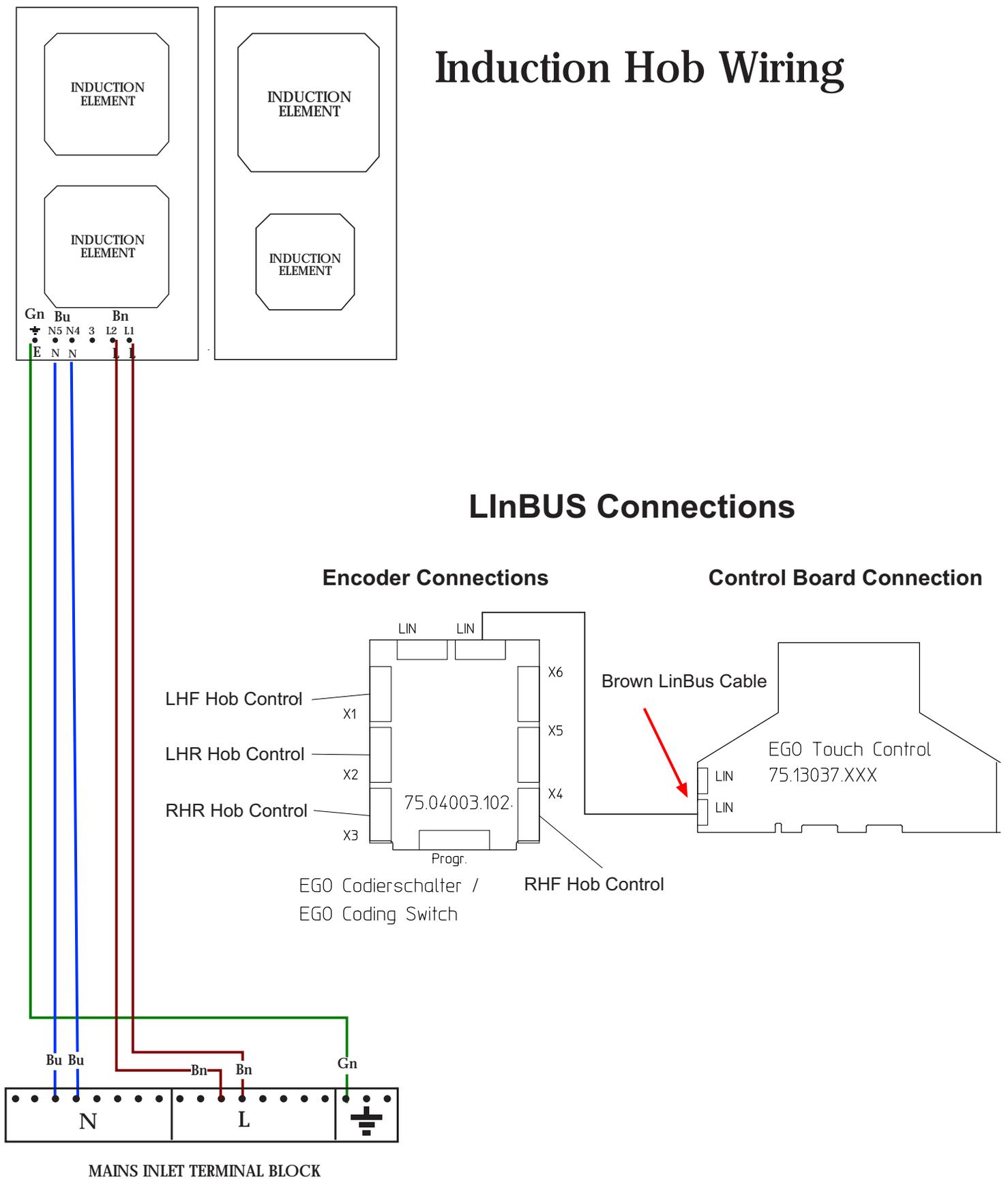


Wiring colour code: Bk - Black, Bn - Brown, Bu - Blue, Gn - Green, Or - Orange, R - Red, W - White, Y - Yellow, P - Pink.

Mains Voltage Wiring Diagram for Induction Hob

# Induction Hob Wiring

## LinBUS Connections





**GLEN DIMPLEX  
AUSTRALIA PTY LTD**

**BELLING**

**PBI 60 AU MK 2**

**REPAIR  
AND  
MAINTAINANCE**

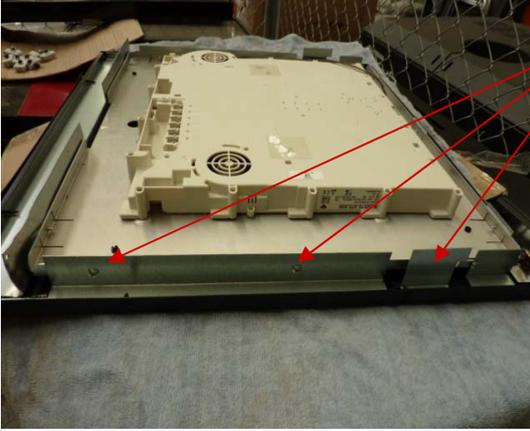
**PROCEDURES**



# **IMPORTANT**

**BEFORE CARRYING  
OUT ANY SERVICING  
WORK ALWAYS  
DISCONNECT FROM  
THE ELECTRICAL  
SUPPLY**

## 1) REMOVAL OF INDUCTION UNIT FROM COOKTOP

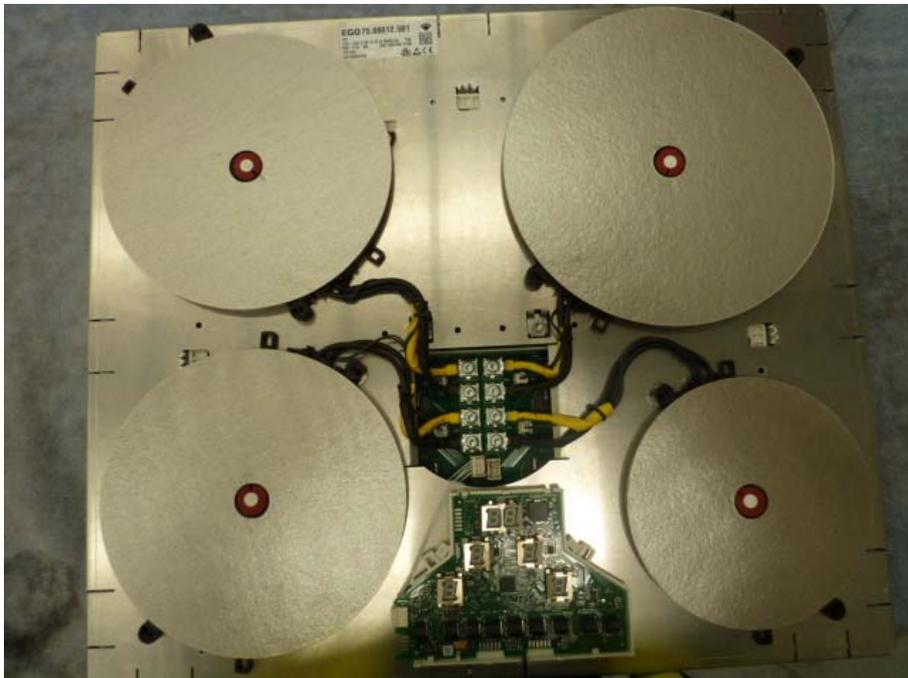


REMOVE COOKTOP FROM KITCHEN  
WORKTOP BY RELEASING CLIPS  
UNDERNEATH

REMOVE 11X SCREWS FROM FRAME  
SUPPORT

LIFT AWAY INDUCTION UNIT FROM  
THE HOB

## INDUCTION UNIT REMOVED FROM HOB TOP

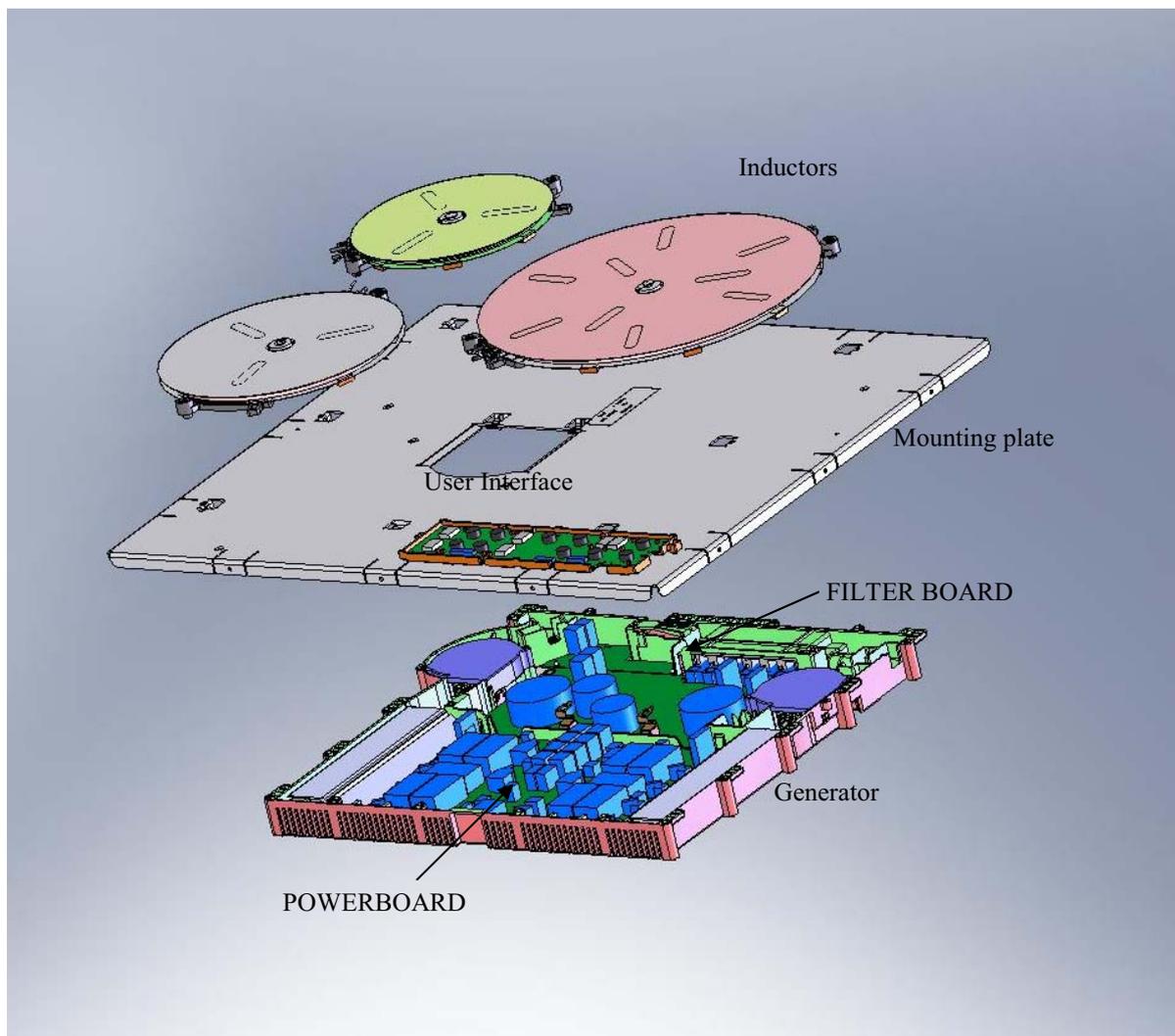


# REPLACEMENT OF COMPONENTS

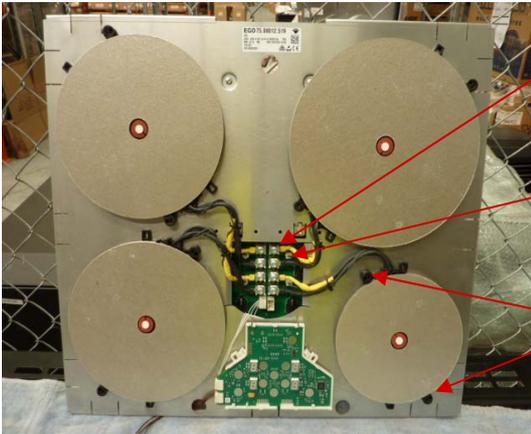
## INDUCTION UNIT COMPONENTS

THE INDUCTION UNIT CONSISTS OF THE FOLLOWING COMPONENTS

- INDUCTORS
- MOUNTING PLATE
- USER INTERFACE
- GENERATOR (POWER BOARD AND FILTER BOARD)



A) INDUCTION PODS

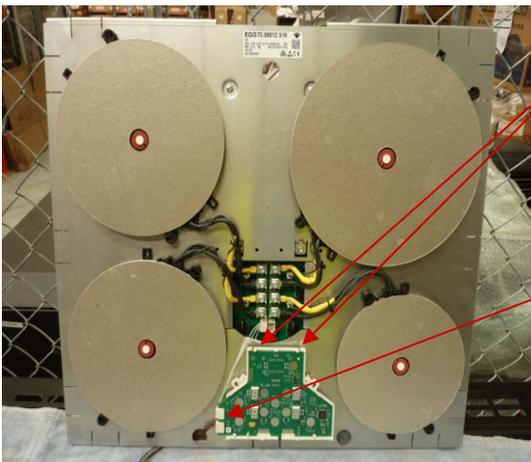


DISCONNECT WIRING FROM MAIN  
TERMINAL BLOCK

DISCONNECT TEMP SENSOR FROM  
CONNECTION

REMOVE INDUCTION POD BY  
RELEASING CLIPS FROM MOUNTING  
PLATE

B) USER INTERFACE



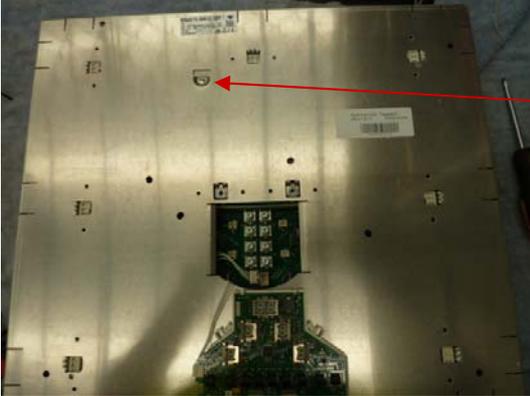
RELEASE 2 XCLIPS FROM PLASTIC  
MOUNTING BOX

LIFT USER INTERFACE AWAY

DISCONNECT LINBUS CABLES FROM  
L/H SIDE



## C) MAIN POWER BOARD (GENERATOR )

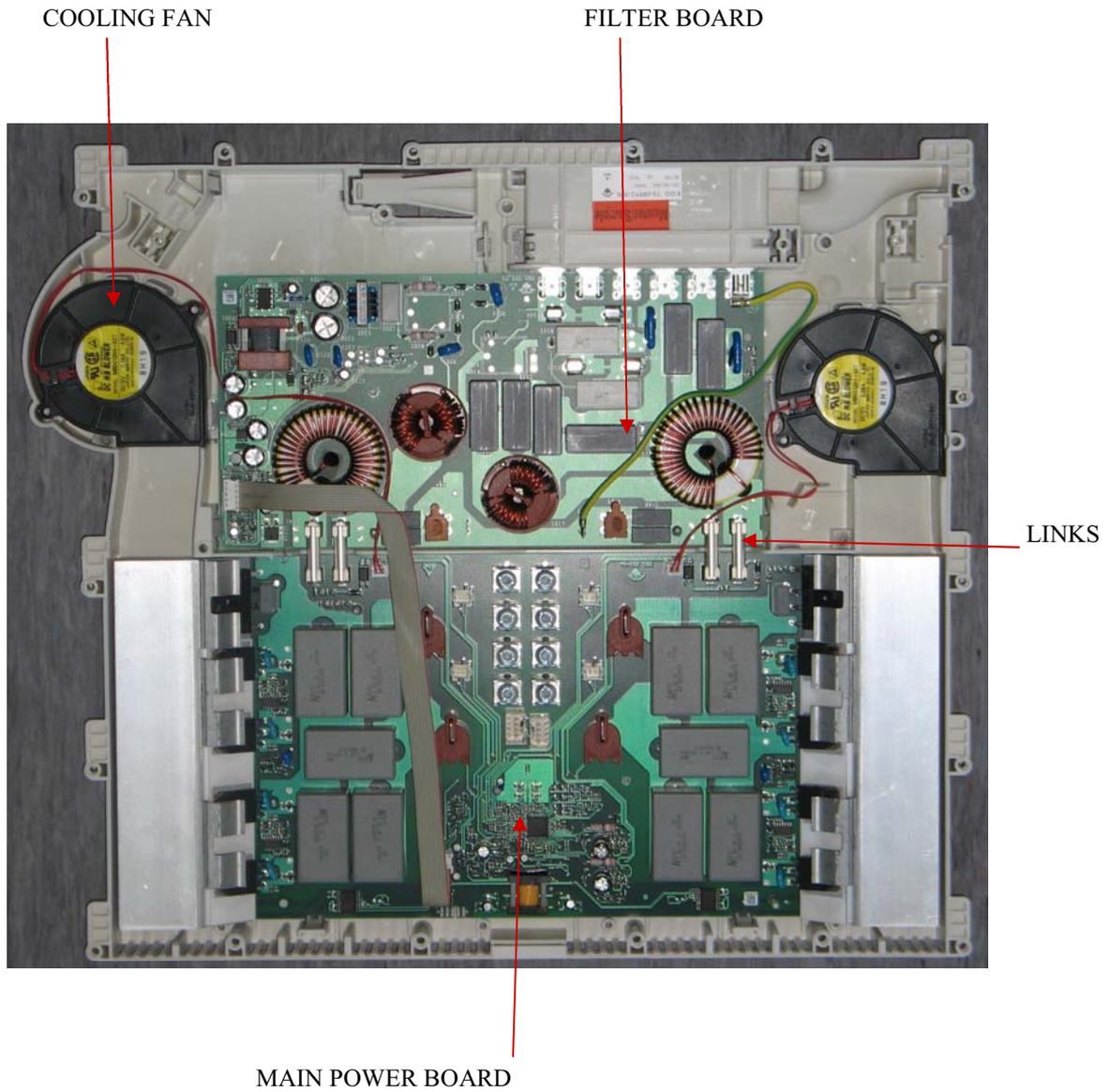


TO SEPARATE THE MAIN POWER BOARD FROM THE MOUNTING PLATE REMOVE 1X SCREW



LIFT UP THE CLIP AS SHOWN TO RELEASE THE INDUCTION UNIT FROM THE MOUNTING PLATE BY SLIDING FORWARD AWAY FROM THE REMAINING RETAINING CLIPS

C) MAIN POWER BOARD (GENERATOR)





**GLEN DIMPLEX**  
**AUSTRALIA PTY LTD**

**BELLING**

**PBI 60 AU MK 2**

**FAULTFINDING**  
**GUIDES**



# EGO G5 Induction Touch, Service Matrix, GDHA Ref 083006200, EGO Reference 75.08012.519

Part Description		Filter board	Power board	Fan	Inductor Ø 143/180 mm	Inductor Ø 180/150 mm	Inductor Ø 210/100 mm	User interface	LIN cable 400mm	LIN cable 265mm	Coax Switch (Encoder)	PCB Encoder	Cable Linbus 5 core	Cable Linbus 4 core 500mm Long	Warning! Ensure product is fully isolated from the mains circuit before opening up product.							
GDHA Part No		083080700	083080800	083081000	083081100	083081200	083081300	083081400	083081700	083081800	083083000	083084000	083086000	083089001	Tools Required:-							
EGO Spare Part/Kit No.		75.96475.017	75.96475.148	75.96950.021	75.96475.056	75.96475.057	75.96475.058	75.96468.682	75.96955.287	75.96955.336	440.20202.000	75.04003.102	N/A	N/A	Customer Service Step 1	Customer Service Step 2	Customer Service Step 3	Customer Service Step 4	Customer Service Step 5	Customer Service Step 6		
Hob Status Codes	Fault Description																					
	Indicates no pan or suitable pan on cook zone														Ensure correct pan size and that the pan is suitable for induction use (Check with a magnet), refer user to instructions							
	Power Boost														No faults (lasts for approx 10mins), refer user to instructions							
	Residual Heat														No fault Switches on/off when glass reaches 65/ 55 deg C, refer user to instructions							
	Automatic Boiling														No Fault , Auto Boil Programme, refer user to instructions							
	Child Lock														No Fault, Child Lock Activated, refer user to instructions							
	Low Temperature														No Fault, Low temperature setting activated, refer user to instructions							
Fault Codes	Fault Description																					
	control Knob error or stuck in the full on "overwind" positions for more than 30s									X (1)		X (1)			Ask the user/operator to check if one of the knobs is stuck in the full-on ("overwind") position, i.e. ask the user to ensure the control knob is in the off position, if fault disappears they have probably held the control knob in the full-on position for longer than 30s, advise user not hold in the overwind position for longer than 30s.	<b>If the fault persist or the control knob is sticking binding book service visit</b>	Check operation of control knob, check for binding, change components as appropriate					
ER20	Software Flash Failure							X (1)				X (1)			Ask user/operator to switch power off to the hob for 1 minute then switch back on, system should reset	<b>Service visit required</b>	First try manually configuring the touch control	Change user interface and PCB Encoder				
ER31	Configuration error		X (2)					X (1)				X (1)			Ask the user/operator to switch the power off and on, system should reset	<b>Service visit required</b>	First try manually configuring the touch control	Change user interface and PCB Encoder	If fault persists, change power board			
ER47	Communication error between Touch Control and Power board		X (3)					X (2)				X (2)	X (1)	X (1)	Ask the user/operator to switch the power off and on, system should reset	<b>Service visit required</b>	Check and replace linbus cables as required.	Change user interface and PCB Encoder	Change power board			
U400	Electrical Connection Error	X (1)	X (2)												Ask installer/operator to confirm correct connection to power supply, ensuring link is in place and securely tightened.	<b>If external wiring and connection to appliance is correct service visit required</b>	Service engineer to first Check wiring and connection (if not connected correctly consider charging customer)	Change filter board	Change power board			
E2	Induction coil has overheated, user has probably left an empty pan on and the unit has overheated.		X (2)		X (1)	X (1)	X (1)								Inform user about overheat safety protection, hob will auto reset when allowed to cool, No Fault	<b>If fault persists a service visit required, Ask user which zone is showing persistent fault,</b>	Change appropriate inductor	Change power board				
E5	Error on filter board	X (2)	X (1)												Ask user/operator to switch power off to the hob for 1 minute then switch back on, system should reset	<b>Service visit required</b>	check mains connection check IGBT and power supply (internal cabling) on power board	Check fuse on filter board, change fuse/filter board	Check IGBT and power supply (internal cabling) on power board, change power board			
E6	Error on power unit	X (2)	X (1)												Ask user/operator to switch power off to the hob for 1 minute then switch back on, system should reset	<b>Service visit required</b>	check mains connection check IGBT and power supply (internal cabling) on power board	Check fuse on filter board, change fuse/filter board	Check IGBT and power supply (internal cabling) on power board, change power board			
E8	Fan error	X (2)	X (3)	X (1)											Ask the user/operator to switch the power off and on, system should reset	Ask user if the fan working, check if anything is blocking fan inlet to product.	<b>Service visit required</b>	Check operation of fan, change appropriate fan if not working( Also check for correct operation of main fan)	Check fuse on filter board, change fuse/filter board	Check IGBT and power supply (internal cabling) on power board, change power board		
E9	Coil Temperature sensor defective		X (2)		X (1)	X (1)	X (1)								Ask the user/operator to switch the power off and on, system should reset	<b>Service visit required</b>	Change appropriate Inductor	Check IGBT and power supply (internal cabling) on power board, change power board				
EA	Power board failure, only		X (1)												Ask the user/operator to switch the power off and on, system should reset	<b>Service visit required</b>	Change power board					
*8*	Usually happens if there has been a power surge/Power cut in the area.	x (2)						X (1)				X (1)			Ask user to switch off the hob and leave off overnight then switch back on in the morning, system should reset.	<b>If fault is not rectified ask user to switch and leave power off to the hob and book service visit</b>	Service engineer to switch power on if correct operation, consider charging user for visit,	Change user interface and PCB Encoder	Check fuse on filter board, change fuse/filter board			

Note:- () brackets indicate the order in which component parts should be changed. All parts changed should be returned to GDHA, Prescott for the attention of the Quality Department, with details of the job and the fix applied.